

List of Publications 2024

Sr. No.	Authors	Title	Year	Source title	Volume	Issue	Page start	Page end
1.	F., Anjum, Fatima; u., Afifa, undefined; M., Faisal, Muhammad; M.H., Rasool, Muhammad Hidayat	Hexavalent Chromium Detoxification and Bioremediation by Bacillus sp. from Tannery Effluents	2024	Proceedings of the Pakistan Academy of Sciences: Part B	61	4	351	362
2.	W., Xia, Weiwei; F., Ghouri, Fozia; M., Zhong, Minghui; S.A.H., Bukhari, Syed Asad Hussain; S., Ali, Shafaqat; M.Q., Shahid, Muhammud Qasim	Rice and heavy metals: A review of cadmium impact and potential remediation techniques	2024	Science of the Total Environment	957			
3.	M., Adnan, Muhammad; F., Mahmood, Faisal; Z., Zhao, Zhenhua; H., Khaliq, Hamza; M., Usman, Muhammad; T., Muhammad, Tahir; G.A., Abbas Ashraf, Ghulam Abbas	Effect of the foliar application of biogenic-ZnO nanoparticles on physio-chemical analysis of chilli (Capsicum annum L.) in a salt stress environment	2024	Environmental Science: Advances	4	2	306	317
4.	S., Rashid, Saima; I., Ali, Ilyas; S., Sultana, Sobia; Z., Zia, Zeemal; S.K.,	Understanding perspectives for mixed mode oscillations of the	2024	Heliyon	10	23		

	Elagan, S. K.	fractional neural network approaches to the analysis of neurophysiological data from the perspective of the observability of complex networks						
5.	A., Ur Rehman, Atta; M.I., Arshad, Muhammad Imran; N., Amin, Nasir	Transport and magnetic properties of Zn _{0.5} Co _{0.25} Cu _{0.25} Ho _{0.037} Fe _{1.96} 3O ₄ /Graphene nanoplatelets nanocomposites	2024	Ceramics International	50	24	55940	55952
6.	U., Nasim, Usman; A.R., Bhatti, Abdul Rauf; M., Farhan, Muhammad; O., Zeb, Omar; A., Dawood Butt, Arslan; K.N., Paracha, Kashif Nisar	An improved barrier function double integral sliding mode control of SynRM for hybrid energy storage system-based electric vehicle	2024	Journal of Energy Storage	104			
7.	H., Wang, Hongyang; Y., Feng, Youhong; D., Zhang, Die; Z., Wang, Zhiling; Y., Yang, Yan; Y., Kong, Yunxing; M.,	Pear twig biochar combined with nitrogen fertilizer regulates morpho-physiological growth, copper	2024	Environmental Research	263			

	Rehman, Muzammal; Z., Maqbool, Zahid; S., Saud, Shah; T., Nawaz, Taufiq	uptake and tuber quality of potato (Solanum tuberosum L.) grown in polluted soil						
8.	M.A., Shahbaz, Muhammad Ali; M., Ishfaq, Madiha; N., Sabir, Nadeem; N., Amin, Nasir; M., Zahid, Muhammad	Sol-gel derived ternary CrxCuCx-1 compounds: Characterization, structural insights and biological properties	2024	Journal of Molecular Structure	1318			
9.	A.T., Zahra, Ama Tul; J.I., Razzokov, Jamoliddin I.; M., Kashif, Muhammad; U.B., Khalilov, Umedjon B.; H., Li, Haipeng; K., Luo, Kun; H.M.A., Shahzad, Hafiz Muhammad Aamir; G., Ren, Guogang; G.R., Vakili-Nezhaad, G. Reza	Strained Mechanical and Fracture Analyses of Armchair-Chiral-Zigzag-Based Carbon Nanotubes Using Molecular Dynamics Simulations	2024	ACS Omega	9	49	48055	48069
10.	M.K., Irshad, Muhammad Kashif; M.T., Aqeel, Muhamamd Tahir; S., Saleem, Saba; W., Javed, Wasim; A., Noman, Ali; M.,	Mechanistic insight into interactive effect of microplastics and arsenic on growth of rice (Oryza sativa L.)	2024	Science of the Total Environment	955			

	Kang, Minwoo; N., Khalid, Noreen; S., Lee, Sang-soo	and soil health indicators						
11.	S., Almutairi, Shahah; F., Hussain, Farooq; M., Nazeer, Mubbashar; S., Saleem, Salman; R.S., Mohammed, Rubina Sultana	Perturbation solution of multiphase flow of Williamson fluid through convergent and divergent conduits: Electro-osmotic effects	2024	Modern Physics Letters B	38	34		
12.	R., Shahid, Rabia; H., Shahid, Humera; L., Shijie, Li; F., Mahmood, Faiq; N., Yifan, Ning	Impact of opening-up on industrial upgrading in global value chain: a difference-in-differences estimation for Shanghai pilot free trade zone	2024	Kybernetes	53	12	6139	6154
13.	A.K., Sehrish, Adiba Khan; S., Ahmad, Shoaib; S., Ali, Shafaqat; R., Tabssam, Rohina; F., Ai, Fuxun; W., Du, Wenchao; H., Guo, Hongyan	Alleviation of cadmium toxicity by improving antioxidant defense mechanism and nutrient uptake in wheat (Triticum aestivum L.) through foliar	2024	Journal of Hazardous Materials	480			

		application of 24-epibrassinolide under elevated CO2						
14.	F., Kanwal, Farah; A., Riaz, Asad; A., Khan, Ameer; S., Ali, Shafaqat; G., Zhang, Guoping	Manganese enhances cadmium tolerance in barley through mediating chloroplast integrity, antioxidant system, and HvNRAMP expression	2024	Journal of Hazardous Materials	480			
15.	R., Fatima, Rida; M., Ans, Muhammad; N., Shahzad, Nabeel; T., Fatima, Tahreem; Kashuf-UI-Huda; Z.I., Zaki, Zaki Ismail; S.M., El-Bahy, Salah Mohamed; J., Iqbal, Javed	Molecular engineering push-pull structural versatility in the triphenylamine-thienodioxine-based hole transporting materials for high-performance organic and perovskite solar cells	2024	Colloids and Surfaces A: Physicochemical and Engineering Aspects	702			
16.	Shemawar; M., Sanaullah, Muhammad; S.,	Co-application of wheat straw biochar,	2024	Soil and Environment	43	2	205	221

	Hussain, Sabir; F., Mahmood, Faisal; T., Shahzad, Tanvir	phosphorus solubilizing Bacillus tropicus, and compost for spinach production under reduced chemical fertilizers						
17.	S., Kousar, Shazia; A., Jabbar, Abdul; M.A., Mudassir, Muhammad Ahmad; S.T.A., Shah, Syed Tasadaque Ali; F.H., Anjum, Fozia H.; M., Irfan, Madiha; A., Monawer, Ayesha; S.W., Bukhari, Syed Waqas	Designing, Synthesis and Characterization of Fluorescent Fluorescein Hydrazides and Antibacterial Studies against Sinusitis Isolates and Hemolytic Activities	2024	Journal of the Chemical Society of Pakistan	46	6	560	567
18.	Saherjavaid; A., Safder, Arfa; Z., Malik, Zainab; M., Munawar, Maharukh; H., Naeem, Hala; S., Rana, Samreen; U., Saleem, Usama; Z., Javed, Zeeshan; R., Ali, Rashid; I., Ahmed, Imran	EFFICACY OF BOTANICALS AND INSECTICIDE MIXTURE ON THIRD INSTAR LARVAE OF TRILOCHA VARIANS	2024	Indian Journal of Entomology	86	4	1263	1266
19.	R., Shahid, Rimsha; H., Usman, Hassan;	BIOLOGY OF KHAPRA BEETLE	2024	Indian Journal of Entomology	86	4	1084	1086

	M., Hamid, Maryam; S.S., Sani, Sayyadah Suryya; A., Ghaffar, Abdul; S.A., Khan, Sajid Abbas; U., Saleem, Usama; G.Z., Khan, Gul Zahra	TROGODERMA GRANARIUM ON WHEAT VARIETIES						
20.	H., Alolaiyan, Hanan; U., Kalsoom, Umme; U., Shuaib, Umer; A., Razaq, Abdul; A.W., Baidar, Abdul Wakil; Q., Xin, Qing	Precision measurement for effective pollution mitigation by evaluating air quality monitoring systems in linguistic Pythagorean fuzzy dombi environment	2024	Scientific Reports	14	1		
21.	S.A., Baloch, Sajawal Abbas; M.A., Abbas, Muhammad Ali; M.K., Iqbal, Muhammad Kashif; A., Birhanu, Asnake; M.R., Alharthi, Meteub R.	Investigation of the new optical soliton solutions to the (2+1)-dimensional calogero-bogoyavlenskii schiff model	2024	Scientific Reports	14	1		
22.	M.H., Siddique, Muhammad Hussnain; M.,	Biofabrication of copper oxide nanoparticles	2024	Scientific Reports	14	1		

	Sadia, Maimona; S., Muzammil, Saima; M., Saqalein, Muhammad; A., Ashraf, Asma; S., Hayat, Sumreen; S., Saba, Saba; A.M., Khan, Arif Muhammad; A., Hashem, A.; G.D., Avila-Qezada, Graciela Dolores	using Dalbergia sisso leaf extract for antibacterial, antibiofilm and antioxidant activities						
23.	Q., Liu, Qi; Rukhsar; M.U., Awan, Muhammad Uzair; B., Bin-Mohsin, Bandar; M.Z., Javed, Muhammad Zakria; L., Ciurdariu, Loredana; B., Meftah, Badreddine	Bridging Pre-Invex Mappings and Fractional Integrals: A Pathway to Iterative Schemes via Error Boundaries of Maclaurin's Rule	2024	Fractal and Fractional	8	12		
24.	X., Chen, Xinyi; A., Zhang, Aixia; C., Liu, Chenyan; M.U., Saeed, Muhammad Usama; J., Li, Junyi; Y., Wu, Ying; Y., Wu, Yunhao; H., Gu, Haijing; J., Yuan, Jinchao; B., Wang, Baohua	A Comprehensive Analysis In Silico of KCS Genes in Maize Revealed Their Potential Role in Response to Abiotic Stress	2024	Plants	13	24		

25.	A., Mehmood, Asad; S.R., Qureshi, Saad Riffat; U., Ghafoor, Usman; R.F., Swati, Raees Fida; F., Gillani, Fouzia; S., Bibi, Sameena; A., Bakkar, Abu; M.M., Shah, Muhammad Mahad	An Investigative Study on Energy Harvesting by Hydrofoils: Simple vs. Undulated	2024	Energies	17	24		
26.	M., Alamgeer, Muhammad; H., Munir, Hassan; S.M., Hussain, Saddam M.; S., Adhikari, Sudeep; W.H., Soufan, Walid H.; J., Ahmed, Jahangir; M., Aslam, Maryam; S., Rauf, Saeed	Exploring the Synergistic Role of Zinc in NPK Fertilization on the Agronomic Performance of Safflower (Carthamus tinctorius)	2024	Horticulturae	10	12		
27.	Y., Nian, Ying; X., Su, Xiangxiang; H., Yue, Hu; S., Anwer, Sumera; J., Li, Jun; W., Wang, Weiqiang; Y., Sheng, Yali; Q., Ma, Qiang; J., Liu, Jikai; X., Li, Xinwei	Winter Wheat SPAD Prediction Based on Multiple Preprocessing, Sequential Module Fusion, and Feature Mining Methods	2024	Agriculture (Switzerland)	14	12		
28.	J., Li, Jun; W., Wang, Weiqiang;	Rice Yield Estimation Based	2024	Agronomy	14	12		

	Y., Sheng, Yali; S., Anwer, Sumera; X., Su, Xiangxiang; Y., Nian, Ying; H., Yue, Hu; Q., Ma, Qiang; J., Liu, Jikai; X., Li, Xinwei	on Cumulative Time Series Vegetation Indices of UAV MS and RGB Images						
29.	H., Aziz, Humera; M.S., Ashraf, Munir Sahaam; M., Rizwan, Muhmmad; U., Riaz, Umair; S., Akram, Saba; A., Raza, Ali; J.W., Hong Yong, Jean Wan	Valorization of textile waste for removal of Cadmium from contaminated water	2024	Scientific Reports	14	1		
30.	H., Hussain, Hadia; N.E., Fatima, Noor E.; M.A., Sajid, Muhammad Asim; I., Mehar, Iqra; M., Noor, Maryam; K.A., Attia, Kotb A.; Y.M., Hafez, Y. M.; K.A., Abdelaal, Kh A.; T.A., Shah, Tawaf Ali	Genome-wide analysis and identification of nuclear factor Y gene family in switchgrass (Panicum virgatum L.)	2024	BMC Genomics	25	1		
31.	W., Naseeb, Warisha; M.K.K., Khosa, Muhammad Kaleem Khan; A., Noor, Awal; S., Qayyum, Sadaf; S.,	Graphene nanosheets decorated with heterostructured ruthenium sulfide as catalyst for	2024	PLOS ONE	19	12		

	Chen, Shaowei	enhanced hydrogen evolution reaction						
32.	B., Rasool, Bilal; T., Younis, Tahira; S., Zafar, Saba; A., Parvaiz, Aqsa; Z., Javed, Zeeshan; I., Rasool, Inshaal; M., Shakeel, Muhammad	Incidence of endosymbiont bacteria Wolbachia in cowpea weevil Callosobruchus maculatus Fabricius (Coleoptera, Chrysomelidae)	2024	PLOS ONE	19	12		
33.	N., Abbas, Numan; J., Zhang, Jianmin; A.R., Gill, Abdul Rehman; M.Z., Asad, Muhammad Zeeshan; A., Mahmood, Arslan; M., Ikram, Muhammad; S., Ahmad, Sohail; M., Atif, Muhammad; M.J., Aslam, Muhammad Jehanzaib	Emerging pathways in electrical, magnetic and thermoelectric performance of different concentration of iron doped cobalt oxide nanoparticles	2024	Journal of King Saud University - Science	36	11		
34.	M.U., Ijaz, Muhammad Umar; H., Anwar, Haseeb; S., Iqbal, Shabnoor; H., Ismail, Hammad; A.,	Retraction Note: Protective effect of myricetin on nonylphenol-induced testicular toxicity:	2024	Environmental Science and Pollution Research	31	58	6653 6	

	Ashraf, Asma; S.A., Mustafa, Shama A.; A., Samad, Abdul	biochemical, steroidogenic, hormonal, spermatogenic, and histological- based evidences (Environmental Science and Pollution Research, (2021), 28, 18, (22742- 22757), 10.1007/s11356- 020-12296-5)						
35.	U., Jamil, Uzma; A., Sajid, Asma; M., Hussain, Majid; O., Aldabbas, Omer; A., Alam, Afshan; M., Umair Shafiq, M.	Retraction Note: Melanoma segmentation using bio-medical image analysis for smarter mobile healthcare (Journal of Ambient Intelligence and Humanized Computing, (2019), 10, 10, (4099-4120), 10.1007/s12652- 019-01218-0)	2024	Journal of Ambient Intelligence and Humanized Computing	15	Suppl 1	231	
36.	A.F., Zahoor, Ameer Fawad; S., Munawar, Saba; S.U., Ahmad, Sajjad	Design, Synthesis and Biological Exploration of Novel N-(9-Ethyl-	2024	International Journal of Molecular Sciences	25	23		

	U.; F., Iram, Fozia; M.N., Anjum, Muhammad Naveed; S.G., Khan, Samreen Gul; J., Javid, Jamila; U., Nazeer, Usman; M.A., Bhat, Mashooq Ahmad	9H-Carbazol-3-yl)Acetamide-Linked Benzofuran-1,2,4-Triazoles as Anti-SARS-CoV-2 Agents: Combined Wet/Dry Approach Targeting Main Protease (Mpro), Spike Glycoprotein and RdRp						
37.	A., Sabir, Asma; S.A.S., Chatha, Shahzad Ali Shahid; G.M., Kamal, Ghulam Mustafa; S., Bibi, Shabana; N., Sohail, Noman; A.M., Alshammari, Abdulrahman Mohammed; N.A., Albekairi, Norah A.; H., Chopra, Hitesh	Extraction, Chemical Modification, and Assessment of Antioxidant Potential of Pectin from Pakistani Punica granatum Peels	2024	Sustainability (Switzerland)	16	23		
38.	R., Pan, Ruxue; Z., Zhang, Zailin; Y., Li, Ya; S., Zhu, Sihong; S., Anwer, Sumera; J., Huang, Jiaquan; C., Zhang, Chuanling; L., Yin,	Stage-Specific Effects of Silver Nanoparticles on Physiology During the Early Growth Stages of Rice	2024	Plants	13	23		

	Liyan							
39.	L., Zhao, Li; C., Zhang, Chang; M., Liang, Min; P., Chen, Pei; S., Anwer, Sumera; M., Fan, Mingyuan; G., Xie, Guangming; C., Wang, Chuangyun	Exploring the Influence of Planting Densities and Mulching Types on Photosynthetic Activity, Antioxidant Enzymes, and Chlorophyll Content and Their Relationship to Yield of Maize	2024	Plants	13	23		
40.	M.M., Saadullah, Malik M.; A., Sehar, Amna; Z., Chauhdary, Zunera; R., Siddique, Rida; H., Tariq, Hafsa; M., Asif, Muhammad; S.A., Bukhari, Shazia Anwer; A., Sethi, Aisha	Anti-neuroinflammatory and neuroprotective potential of Cissus tuberosa ethanol extract in Parkinsonâ€™s disease model through the modulation of neuroinflammatory markers	2024	PLOS ONE	19	12		
41.	Y., Feng, Yue; Y., Ma, Ying; R., Deng, Renqiang; B., Wang, Bo; H., Tian, Haiyan; X., Liu, Xin; Q., Dong, Qi; A.,	Leveraging logistic models to enhance nutrient dynamics modeling in intercropped	2024	PLOS ONE	19	46003		

	Wang, Aiping; S., Anwer, Sumera	spring wheat with varied nitrogen and phosphorus fertilization strategies						
42.	M.A., Buzdar, Muhammad Ayub; H., Ikram, Hamid	COVID-19 Stressors, Cognitive Reappraisal, and Studentsâ€™ Engagement in Online Learning: A Mediation Model	2024	Online Learning Journal	28	4	345	358
43.	A., Iqbal, Aqsa; T.H., Bokhari, Tanveer Hussain; M., Usman, Muhammad; A., Yusaf, Amnah; A., Mansha, Asim; M.S., Saeed, Muhammad Shahzad; S., Khan, Salahuddin; M., Iqbal, Mazhar; M.A., Bhatti, Muhammad Ahsan; S.S., Salman Shafqat, Syed Salman	Methodological optimization for efficient degradation of Acid Violet 49 using advanced oxidation processes and varied photocatalyst combinations	2024	Scientific Reports	14	1		
44.	M., Tamoor, Muhammad; A.R., Bhatti, Abdul Rauf;	Optimizing tilt angle of PV modules for	2024	Scientific Reports	14	1		

	M., Farhan, Muhammad; A., Rasool, Akhtar; A., Sherefa, Abdulkerim	different locations using isotropic and anisotropic models to maximize power output						
45.	I., Kiran, Ifra; H., Umbreen, Huma; M.U., Mehr-un-Nisa, Mahrnun Un; F., Al-Asmari, Fahad; E., Zongo, Eliasse	Supplementation of laying hensâ€™ feed with Schizochytrium powder and its effect on physical and chemical properties of eggs	2024	BMC Veterinary Research	20	1		
46.	S.U., Saqib, Sana Ullah; U., Farooq, Umar; N., Fatima, Nahid; Y.T., Shih, Yin Tzer; A., Mir, Ahmed; K., Lioua, Kolsi	Novel Recurrent neural networks for efficient heat transfer analysis in radiative moving porous triangular fin with heat generation	2024	Case Studies in Thermal Engineering	64			
47.	M.F., Malik, Muhammad Fawad; Y.U.U.B., Turabi, Yasir Ul Umair Bin; M., Raza, Mohsan; M.A., Imran., Muhammad Asjad; T., Muhammad,	Computational analysis of heat transfer for hybrid nanofluid flow within a wavy lid-driven cavity with entropy generation and	2024	Results in Physics	67			

	Taseer	non-uniform heating						
48.	S., Rashid, Saima; M.T., Tahir, Madeeha Teham; M.A., Imran, Muhammad Asjad; R., Shafique, Rafia; M.S., Alqurashi, Maram Salem; S.K., Elagan, S. K.	Advanced modelling techniques for magnetohydrodynamic Casson fluid squeezing flow via generalized fractional operators with neural network scheme	2024	Physica Scripta	99	12		
49.	M., El Safadi, Mahmoud; M.F., Hayat, Muhammad Faisal; A.H., Akbar, Ali H.; A., Nisar, Abdullah; F.M., Alzahrani, Fuad M.; K.J., Alzahrani, Khalid J.	Pharmacotherapeutic potential of bilobetin to combat chromium induced hepatotoxicity via regulating TLR-4, Nrf-2/Keap-1, JAK1/STAT3 and NF- κ B pathway: A pharmacokinetic and molecular dynamic approach	2024	Journal of Trace Elements in Medicine and Biology	86			
50.	N.A., Khan, Najaf Abbas; A.A., Tarabsheh, Anas Al; S., Ikram,	Thermoelectric power factor optimization in hydrothermally	2024	Results in Engineering	24			

	Salma; A., Ali, Adnan; K., Mahmood, Khalid	synthesized SnO2 nanoparticles by Cu doping						
51.	T., Kamran, Tahir; M.B., Riaz, Muhammad Bilal; A., AkgÃ¼l, Ali; M.R., Ali, Mohamed R.	Heat transport analysis of three-dimensional magnetohydrodynamics nanofluid flow through an extending sheet with thermal radiation and heat source/sink	2024	Results in Engineering	24			
52.	F., Noor, Fatima; M., Junaid, Muhammad; A.H., Almalki, Atiah H.; M., Almaghrabi, Mohammed; G., Shakira, G.; M., Tahir Ul Qamar, Muhammad	Deep learning pipeline for accelerating virtual screening in drug discovery	2024	Scientific Reports	14	1		
53.	K.A., Khan, Khalid Ali; M.H., Saleem, Muhammad Hamzah; S., Afzal, Sunnia; I., Hussain, Iqbal; F., Ameen, Farukh; S., Fahad, Shah	Ferulic acid: therapeutic potential due to its antioxidant properties, role in plant growth, and stress tolerance	2024	Plant Growth Regulation	104	3	1329	1353
54.	M.I., Khan, Muhammad Imran; R., Zhao, Ronghua; F., Batool, Fakhra;	Folic acid and ferritin functionalized reduced Iron-	2024	International Journal of Biological Macromolecules	282			

	A.R., Khan, Abbas Raza; R., Ali, Rizwan; Y., Hu, Yi; J., Tian, Jie; N., Chen, Ni; B., Qiu, Bensheng; F., Li, Fenfen	based metal-organic frameworks for anticancer therapy						
55.	A., Rahman, Abdul; N.A., Akram, Nudrat Aisha; M.Y., Ashraf, Muhammad Yasin; A.A., Alsahli, Abdulaziz Abdullah; P., Ahmad, Parvaiz	Deciphering the role of exogenously-applied vanillic acid in regulating drought stress tolerance in pea (<i>Pisum sativum</i> L.): Key growth and physio-biochemical attributes	2024	Journal of King Saud University - Science	36	11		
56.	S., Rasool, Shafqat; A., Rashid, Abid; M.S., Akram, Muhammad Sohail; F.G., Sierra, Francisco Gracia	In vitro pharmacological evaluation of Methanolic leaf extract of <i>Calotropis procera</i> for antifungal and anti-breast cancer activities	2024	Toxicology Research	13	6		
57.	M.H., Saleem, Muhammad Hamzah; S., Zafar, Sadia; S., Javed, Sadia; M., Anas,	Modulatory effects of glutamic acid on growth, photosynthetic	2024	Journal of King Saud University - Science	36	11		

	Muhammad; T., Ahmed, Temoor; S.M., Ali, Shafaqat M.; I., Mirmazloun, Iman; A.A., Ahmad, Ajaz A.	pigments, and stress responses in olive plants subjected to cadmium stress						
58.	M., Sumair, Muhammad; T., Aized, Tauseef; M.M., Aslam Bhutta, Muhammad Mahmood; F.A., Siddiqui, Farrukh Arsalan; L., Tehreem, Layba; A., Chaudhry, Abduallah	Removal notice to “Method of Four Moments Mixture-A new approach for parametric estimation of Weibull Probability Distribution for wind potential estimation applications” [Renew. Energy 191 (2022) 291–304, (S096014812200 5158), (10.1016/j.renen e.2022.04.054)]	2024	Renewable Energy	237			
59.	A.A., Al-Huqail, Arwa Abdulkreem; S.M., Alghanem, Suliman Mohammed; H.A., Sakit Alhaithloul, Haifa Abdulaziz;	Selenium mitigates vanadium toxicity through enhanced nutrition, photosynthesis,	2024	BMC Plant Biology	24	1		

	Z.K., Abbas, Zahid Khorshid; S.M., Al-Balawi, Siham M.; D.B.E., Darwish, Doaa Bahaa Eldin; B., Ali, Baber; T., Malik, Tabarak; S., Javed, Sadia	and antioxidant defense in rice (<i>Oryza sativa</i> L.) seedlings						
60.	S., Naheed, Shazia; S., Haider, Sajjad; S., Adeel, Shahid; M.M.A., Reza, Md Momen Al; R., Mia, Rony; F.U., Rehman, Fazal Ur; U., Bilal, Umaira; M.A., Imran., Muhammad Asjad	Eco-friendly utilization of microwaves for extraction of dye from logwood and its application onto silk	2024	Results in Engineering	24			
61.	M.H., Raza, Muhammad Haseeb; M.A., Ayub, Muhammad Adnan; M.T., Zubair, Muhammad Talha; A., Hussain, Amjad; S., Saleem, Samreen; M.T., Azam, Muhammad Tauseef; M.S., Hussain, Muzzamal Shujaat; A.G., Memon, Anjuman Gul; M.A.,	Comparative Study of Essential Oils Extracted From <i>Foeniculum vulgare</i> Miller Seeds Using Hydrodistillation, Steam Distillation, and Superheated Steam Distillation	2024	Food Science and Nutrition	12	12	1053 5	10549

	Abdelgawad, Mohamed A.; M.M., Ghoneim, Mohammed M.							
62.	L., Shoukat, Laraib; S., Javed, Sadia; M.S., Afzaal, Muhammad Sohail; N., Akhter, Naheed; Y.A., Shah, Yasir Abbas	Starch-based encapsulation to enhance probiotic viability in simulated digestion conditions	2024	International Journal of Biological Macromolecules	283			
63.	N., El Messaoudi, Nouredine; Y., Miyah, Youssef; W.A., Al Qadr Imad Wan-Mohtar, Wan Abd; Z.M., Hanafiah, Zarimah Mohd; J.O., Ighalo, Joshua O.; E.C., Emenike, Ebuka Chizitere; J., Georgin, Jordana; M., Laabd, M.; L., Nouren, Laila; A., Kausar, Abida	Advancements in adsorption and photocatalytic degradation technologies of brilliant green from water: Current status, challenges, and future prospects	2024	Materials Today Chemistry	42			
64.	U., Farooq, Umer; S., Hayat, Sofia; M.F., Nawaz, Muhammad Furqan; T., Nee, Tanwen; K.Y., Khaw, Kooi Yeong; M.A., Iqbal,	Cubosomes hydrogel containing silver based organometallic compounds for enhanced wound healing of burns:	2024	Inorganic Chemistry Communications	170			

	Muhammad Adnan; S.H., Khalid, Syed Haroon; T., Masood, Tanzeela; M.U., Ijaz, Muhammad Umar; M., Yaqoob, Munazzah	In vitro and in vivo studies						
65.	Z., Ali, Zainab; M.A., Imran., Muhammad Asjad; M.T., Tahir, Madeeha Teham; S.A., Khan, Shan Ali; M.S., Alghamdi, Metib Said	Numerical investigation of bioconvective non-Newtonian nanofluid flow across a curved surface in the presence of microbes	2024	Case Studies in Thermal Engineering	64			
66.	M., Haroon, Muhammad; I., Khan, Imran; A., Ejaz, Afaf; M.S., Afzaal, Muhammad Sohail; F., Saeed, F.; M.U., Farooq, Muhammad Umar; M., Ehsan, Maryam; F., Ahmed, Faiyaz; N., Akram, Noor; G.G., Hailu, Gebremichael Gebremedhin	Preparation and quality evaluation of mixed fruit jam made from natural and artificial sweetener	2024	eFood	5	6		
67.	A., Chaudhary, Aaifa; M., Usman,	Carbonaceous materials for	2024	Journal of Water Process Engineering	68			

	Muhammad; S.B., Haderlein, Stefan B.; K., Hanna, Khalil	adsorptive removal of perfluoroalkyl and polyfluoroalkyl substances (PFAS) and regeneration of spent adsorbents						
68.	N., Samad, Noreen; A., Hameed, Aqsa; N., Manzoor, Natasha; S., Shoukat, Sadia; A., Irfan, Ali; A.G., Shazly, A. G.; A., Khalid, Arslan; U., Ejaz, Umer; S., Khaliq, Saima; E., Mateev, Emilio	Antioxidant and neuro- modulatory effects of niacin prevent D- galactose- induced behavioral deficits and memory impairment	2024	Experimental Gerontology	198			
69.	S., Shahzadi, Sehar; T., Shahzadi, Tayyaba; Z., Shafiq, Zunaira; M.R.S.A., Janjua, Muhammad Ramzan Saeed Ashraf	A Review on Fabrication and Quantum Chemical Designing of Organic Solar Cells: Role of DFT and Machine Learning Technologies	2024	High Energy Chemistry	58	6	583	603
70.	Y.A., Shah, Yasir Abbas; S.C., Bhatia, Saurabh C.; S., Chinnam, Sampath;	Myrrh Oleo-Gum Resin as a Functional Additive in Pectin	2024	Food Science and Nutrition	12	12	1028 4	10295

	A.S., Al-Harrasi, Ahmed Sulaiman; M.J., Tarahi, Mohammad Javad; T.S., Khan, Talha Shireen; T., Alam, Tanveer; E., Koca, Esra; L.Y., Aydemir, Levent Yurdaer; A.K., Philip, Anil K.	and 19- Carrageenan Composite Films for Food Packaging						
71.	H., Maryam, Haseeba; M.S., Rizwan, Muhamamd Shahid; N., Masood, Nasir; M., Waseem, M.; T., Ahmed, Temoor; M.F., Qayyum, Muhammad Farooq; M., Zia-Ur-Rehman, Muhammad; H., Aziz, Humera	Mitigating lead (Pb) toxicity in Zea mays (L.) plants using green synthesized iron oxide nanoparticles	2024	South African Journal of Botany	175		657	668
72.	S., Akram, Saba; M.S., Ashraf, Munir Sahaam; H., Aziz, Humera; A., Farooq, Assad; A., Imran, Aqsa; A., Javid, Amjed; S., Ali, Sultan	Fabrication of copper coated aminated graphene oxide based textiles for electromagnetic interference shielding applications	2024	Diamond and Related Materials	150			
73.	M.M., Kaleem,	Role of leaf	2024	Scientific Reports	14	1		

	Muhammad Mohsin; M., Hameed, Mansoor; M.S.A., Ahmad, Muhammad Sajid Aqeel; F., Ahmad, Farooq; U., Iqbal, Ummar; N., Asghar, Naila; A., Ameer, Amina; A., Mehmood, Anam; N., Shehzadi, Nimra; M.S., Chishti, Muhammad Shahbaz	micro-structural modifications in modulation of growth and photosynthetic performance of aquatic halophyte <i>Fimbristylis complanata</i> (Retz.) under temporal salinity regimes						
74.	M.O., Farooq, Muhammad Omer; N., Zahra, Noreen; A., Ullah, Aman; F., Nadeem, Faisal; A., Rehman, Abdul; R.T., Kapoor, Riti Thapar; M.S., Al-Hinani, Mawra S.; K.H., Siddique, Kadambot H.m.	Salt Stress in Wheat: Effects, Tolerance Mechanisms, and Management	2024	Journal of Soil Science and Plant Nutrition	24	4	8151	8173
75.	M.N., Faisal, Muhammad Naeem; S.M., Hussain, Syed Makhdoom; S., Ali, Shafaqat; P.K., Sarker, Pallab	Inclusion of <i>Oregano vulgare</i> extract as supplement in <i>Catla catla</i> : Impacts on growth,	2024	Aquaculture Reports	39			

	Kumer; M.K., Al-Sadoon, Mohammad Khalid	hematology and biochemical parameters						
76.	H., Alolaiyan, Hanan; M., Hayat, Misbah; U., Shuaib, Umer; A., Razaq, Abdul; A.W., Baidar, Abdul Wakil; Q., Xin, Qing	Optimization of autonomous vehicle control system reliability on a commercial scale through LIF dombi methodologies	2024	Scientific Reports	14	1		
77.	M.A., Ayub, Muhammad Adnan; I., Iram, Iqra; R., Waseem, Rameen; I., Ayub, Iqra; A., Hussain, Amjad; M.A., Abid, Muhammad Amin; S.Z., Iqbal, Shahzad Zafar	Optimizing the extraction of essential oil yield from Pistacia lentiscus oleo-gum resin by superheated steam extraction using response surface methodology	2024	Scientific Reports	14	1		
78.	A., Raza, Anam; I., Mahmood, Imran; T., Sultana, Tayyaba; S., Sultana, Salma; A.A., Dehghani-Sanij, Abbas A.	Gait dynamic stability evaluation on inclined surfaces for inverted or everted feet walking; Bewertung der dynamischen GangstabilitÄt auf geneigten FlÄchen f¼r	2024	Fuss und Sprunggelenk	22	4	254	268

		das Gehen mit invetierten oder evertierten FÄ¼ÄŸen						
79.	M., Waheed, Marwa; M.B., Hussain, Muhammad Bilal; F., Saeed, F.; M.S., Afzaal, Muhammad Sohail; A., Ahmed, Aftab; R., Irfan, Rushba; N., Akram, Noor; F., Ahmed, Faiyaz; G.G., Hailu, Gebremichael Gebremedhin	Phytochemical Profiling and Therapeutic Potential of Thyme (Thymus spp.): A Medicinal Herb	2024	Food Science and Nutrition	12	12	9893	9912
80.	S., Ahmad, Shoaib; A.K., Sehrish, Adiba Khan; F., Ai, Fuxun; X., Zong, Xueying; S.O., Alomrani, Sarah Owdah; K.A., Al-Ghanim, Khalid Abdullah; M.A., Alshehri, Mohammed Ali; S., Ali, Shafaqat; H., Guo, Hongyan	Morphophysiol ical, biochemical, and nutrient response of spinach (Spinacia oleracea L.) by foliar CeO2 nanoparticles under elevated CO2	2024	Scientific Reports	14	1		
81.	E., Dar, Eshwa; A., Mobashar, Aisha; A., Shabbir, Arham; A., Sharif, Ali; A., Saleem, Ammara;	Therapeutic potential of d- limonene in rheumatoid arthritis:	2024	Archiv der Pharmazie	357	12		

	M.N., Mushtaq, Muhammad Naveed; Y.A., Bin Jordan, Yousef A.; A.G., Shazly, A. G.; A., Metouekel, Amira; M., Bourhia, Mohamed	Modulation of inflammatory, anti-inflammatory cytokines, and prostaglandin E2						
82.	M., Saleem, Mahnoor; S.M., Hussain, Syed Makhdoom; S., Ali, Shafaqat; P.K., Sarker, Pallab Kumer; M., Shahid, Mudassar; A., Naeem, Adan	New insights into the effect of Solanum nigrum extract supplementation on growth, digestibility, carcass, hematological indices, and antioxidant status in Oreochromis niloticus	2024	Aquaculture Reports	39			
83.	Y., Mehmood, Yasir; H., Shahid, Hira; S., Ahmed, Shabbir; A., Khursheed, Anjum; T., Jamshaid, Talha; M., Jamshaid, Muhammad; A.A., Mengistie, Atrsaw Asrat; T.M.S., Dawoud, Turki Mohammed S.; F.,	Author Correction: Synthesis of vitamin D3 loaded ethosomes gel to cure chronic immune-mediated inflammatory skin disease: physical	2024	Scientific Reports	14	1		

	Siddique, Farhan	characterization, in vitro and ex vivo studies (Scientific Reports, (2024), 14, 1, (23866), 10.1038/s41598-024-72951-6)						
84.	S., Razzaq, Sadia; S., Shahid, Salma; Y., Nawab, Yasir	Applications and environmental impact of biodegradable polymers in textile industry: A review	2024	International Journal of Biological Macromolecules	282			
85.	F., Javed, Faiza; S., Tehseen, Saima; F., Ashfaq, Faiza; A., Sameen, Ayesha; W., Khalid, Waseem; R., Batool, Rizwana; A., Bilal, Ahmad; M.Z., Khalid, Muhammad Zubair; T.S., Alsulami, Tawfiq S.; R., Mugabi, Robert	Stabilization of Ficus carica L. Drink by utilizing varying levels of ultrasound-assisted moringa extract as a natural preservative	2024	Ultrasonics Sonochemistry	111			
86.	B., Rasool, Bilal	Host Preference and Density-based Parasitism of Three Trichogramma Parasitoid	2024	Journal of Crop Health	76	6	1481	1490

		Species in Chilo partellus Swinhoe and Atherigona soccata Rondani						
87.	S., Ashraf, Saima; F., Jabeen, Fahmida; Z., Mansoor, Zainab; B., Fatima, Batool; D., Hussain, Dilshad; N., Bashir, Nabila; A., Rasul, Azhar; M.N., Naeem Ashiq, Muhammad Naeem; M., Najam-Ul-Haq, Muhammad	Synergistic chemo-photothermal anticancer effect of pH-responsive curcumin loaded mesoporous silica decorated reduced graphene	2024	Journal of Drug Delivery Science and Technology	102			
88.	N., Shahzad, Nabeel; S.A.S., Chatha, Shahzad Ali Shahid; J., Iqbal, Javed; S., Hussain, Shahid; R., Hussain, Riaz	Enhancing perovskite solar cells performance through tailored design: pyridine-functionalized phenothiazine derivatives with modified end-capped acceptor moieties	2024	Engineering Research Express	6	4		
89.	N., Akhter, Noreen; R., Nafees, Rimsha; A., Noman, Ali; M.T., Aqeel, Muhamamd Tahir;	Correction to: Examining Adaptive Responses of Foeniculum	2024	Journal of Soil Science and Plant Nutrition	24	4	7934	

	N., Hadayat, Naila; N., Khalid, Noreen; A., Kausar, Abida; M.O., Alshaharni, Mohammed Obeid; M.M., Shahnaz, Muhammad Muslim; A., Saleem, Arsal	vulgate to Elevated Sodium and Chloride Stress in the Root Zone (Journal of Soil Science and Plant Nutrition, (2024), 24, 4, (7042-7056), 10.1007/s42729-024-02022-2)						
90.	L., Aman, Labiq; S., Khalid, Shehla; N., Rasool, Nasir; A., Zia, Almeera; M.A., Imran, Muhammad Ali; M., Irimie, Marius; C.I., Ciurea, Codrut Ioan	Organocatalyst as a synthetic gadget for pharmaceutically potent molecules	2024	Arabian Journal of Chemistry	17	12		
91.	M.F., Hayat, Muhammad Faisal; M., Javed, Maryam; R., Andleeb, Rahat; A., Ashraf, Asma; H., Naz, Huma; M.Z., Ahmed, Mohammad Z.; A., Ishtiaq, Ayesha	Reno-protective potential of poncirin against polyethylene microplastics instigated kidney damage in rats via regulating Nrf-2/Keap-1 pathway	2024	Journal of King Saud University - Science	36	11		
92.	Z., Wang, Zhiwei; A., Shafique, Aimen; B., Yu, Bofeng; B.,	Characterization of Dynamin-related proteins (DRP) in bread	2024	Plant Stress	14			

	Alharthi, Badr; N., Ali, Naushad; M.S., Mubarik, Muhammad Salman; H., Saeed-Ur-Rehman, Hafiz; R., Iqbal, Rashid; F., Azeem, Farrukh; H., Xu, Hongxing	wheat: TaDRP1D-B as regulator of biotic and abiotic stresses						
93.	M.M., Saadullah, Malik M.; J.A., Batool, Jahan Ara; M., Rashad, Muhammad; M., Asif, Muhammad; Z., Chauhdary, Zunera; A., Bibi, Asia	Exploration of neuroprotective and cognition boosting effects of Mazus pumilus in Alzheimer's disease model	2024	Journal of Complementary and Integrative Medicine	21	4	461	471
94.	M.U., Qasim, Muhammad Uzair; J., Su, Jie; A., Noman, Ali; T., Ma, Ting; W., Islam, Waqar; D., Hussain, Dilbar; M., Rizwan, Muhammad; M.S., Hameed, Muhammad Salman; K.A., Khan, Khalid Ali; H.A., Ghramh, Hamed A.	Citrus psyllid management by collective involvement of plant resistance, natural enemies and entomopathogenic fungi	2024	Microbial Pathogenesis	197			
95.	M., Bilal Hafeez, Muhammad; A., Ghaffar, Abdul; N.,	Effect of Plant Growth Regulators On	2024	Journal of Crop Health	76	6	1679	1692

	Zahra, Noreen; N., Ahmad, Naeem; A., Raza, Ali; R., Wang, Rui; J., Li, Jun	Water Relations, Proximate Composition, and Ascorbate/glutathione Cycle of Late-sown Wheat Under Saline Conditions						
96.	K., Tul-Kubra, Khadija; R., Ali, Rooh; B., Ujala, Bushra; S., Gulshan, Samra; T., Rasool, Tayyaba; M.R., Ali, Mohamed R.	Exploring the dynamics of leprosy transmission with treatment through a fractalâ€‘fractional differential model	2024	Partial Differential Equations in Applied Mathematics	12			
97.	B., Ali, Bagh; D., Habib, Danial; I., Siddique, Imran; M., Saif AlDien, Mohamed; K.A., Aldwoah, K. A.; N., Salamat, Nadeem; B., Ma, Binjian	The effects of magnetic/nonmagnetic hybrid nanoparticles on the dynamic of Boger fluid over a coaxial disk	2024	Mechanics of Time-Dependent Materials	28	4	3279	3306
98.	H.A., Sakit Alhaithloul, Haifa Abdulaziz; S.M., Alghanem, Suliman Mohammed; I.M., Alsudays, Ibtisam Mohammed; Z.K., Abbas, Zahid Khorshid; S.M., Al-	Ameliorating arsenic and PVC microplastic stress in barley (Hordeum vulgare L.) using copper oxide nanoparticles: an environmental	2024	BMC Plant Biology	24	1		

	Balawi, Siham M.; B., Ali, Baber; T., Malik, Tabarak; S., Javed, Sadia; S., Ali, Shafaqat; S., ErcÄ±slÄ±, Sezai	bioremediation approach						
99.	S., Parveen, Shagufta; R., Khalil, Rabia; N., Shafiq, Nusrat; M., Rashid, Maryam; Z.I.H., Nazli, Zill I.Huma; T.M.S., Dawoud, Turki Mohammed S.; A., Metouekel, Amira; M., Bourhia, Mohamed; Y.A., Younous, Youssouf Ali; A., Moveed, Aniq	Therapeutic switching of metronidazole anti-cancerous compounds as anti SARS-COV-2 inhibitors: integration of QSAR, molecular docking, MD simulation and ADMET analysis	2024	Discover Life	54	1		
100.	A.A., Tarabsheh, Anas Al; A., Rehman, Abdul; K., Javaid, Kashif; L., Ben Farhat, Lamia; A., Ali, Adnan; K., Mahmood, Khalid; M.Y., Ali, Muhammad Yasir; S., Ikram, Salma; J., Jacob, Jolly	Unlocking the thermoelectric potential of nanocrystalline magnesium selenide thin films grown by single stage horizontal tube furnace (SSHTF)	2024	Results in Engineering	24			
101.	B., Aslam, B.; R., Asghar, Rubab; S., Muzammil, Saima;	AMR and Sustainable Development	2024	Globalization and Health	20	1		

	M., Shafique, Muhammad; A.B., Siddique, Abu Baker; M., Khurshid, Mohsin; M.U., Ijaz, Muhammad Umar; M.H., Rasool, Muhammad Hidayat; T.H., Chaudhry, Tamoor Hamid; A., Aamir, Afreenish	Goals: at a crossroads						
102.	M.K., Okla, Mohammad Khair; S., Mumtaz, Sahar; S., Javed, Sadia; M.H., Saleem, Muhammad Hamzah; I.A., Saleh, Ibrahim A.; N., Zomot, Naser; Y.A., Alwasel, Yasmeen A.; M.A., Abdel-Maksoud, Mostafa A.; M., Adnan, Muhammad; S., Ali, Shafaqat	The role of selenium and biochar nanoparticles in alleviating cadmium stress in wheat (<i>Triticum aestivum</i> L.) examined via morphophysiological traits and organic acid exudation patterns	2024	South African Journal of Botany	175		210	221
103.	Z., Shahid, Zarfashan; B., Fu, Bairong; S., Rehman, Saima; Z., Ahmad, Zia; J.,	Potential-resolved real-time ultrasensitive sensing of	2024	Microchemical Journal	207			

	Chen, Jiping; X., Lu, Xianbo	bisphenol compounds based on ionic liquid coupled Zr-MOF@GO nanosensor						
104.	H., Akbar, Hira; S., Akbar, Seher; M.N., Saddique, Muhammad Nabeel; M.S., Sarfraz, Muhammad Shehroz	Prevalence of lateral epicondylitis among housewives in Lahore: a cross-sectional study	2024	BMC Musculoskeletal Disorders	25	1		
105.	S., Rahman, Shahroz; A.R., Ikram, Abdul Rehman; L., AlHusnain, Latifa; S., Fiaz, Sajid; M.U., Rafique, Muhammad Umar; M.A., Ali, Muhammad Amjad; M.D., ALKahtani, Muneera D.F.; K.A., Attia, Kotb A.; F., Azeem, Farrukh	Genome-wide profiling of bZIP transcription factors in Camelina sativa: implications for development and stress response	2024	BMC Genomic Data	25	1		
106.	N., Ahmad, Nisar; S.M., Hussain, Syed Makhdoom; S., Ali, Shafaqat; M.F., Tahir, Muhammad	Correction to: Nano-selenium supplementation: improving growth,	2024	BMC Veterinary Research	20	1		

	Farrukh; P.K., Sarker, Pallab Kumer; M., Shahid, Mudassar	digestibility and mineral absorption in freshwater fish, Catla catla (BMC Veterinary Research, (2024), 20, 1, (438), 10.1186/s12917- 024-04291-6)						
107.	S., Tufail, Shah; M.K., Irshad, Muhammad Kashif; W., Javed, Wasim; M., Sheraz, Mahshab; A., Muhmood, Atif; A., Noman, Ali; M.M., Alomran, Maryam M.; S., Lee, Sang- soo; J., Shang, Jianying	Potential of iron oxide-modified biochar in simultaneous mitigation of lead and nickel toxicity in wheat (Triticum aestivum L.)	2024	South African Journal of Botany	175		32	43
108.	Y., Mehmood, Yasir; H., Shahid, Hira; S., Ahmed, Shabbir; A., Khursheed, Anjum; T., Jamshaid, Talha; M., Jamshaid, Muhammad; A.A., Mengistie, Atrsaw Asrat; T.M.S., Dawoud, Turki Mohammed S.; F.,	Synthesis of vitamin D3 loaded ethosomes gel to cure chronic immune- mediated inflammatory skin disease: physical characterization, in vitro and ex	2024	Scientific Reports	14	1		

	Siddique, Farhan	vivo studies						
109.	M., Ijaz, Munazza; L., Lv, Luqiong; T., Ahmed, Temoor; M.U., Noman, Muhammad Usama; A., Manan, Abdul; R., Ijaz, Rafia; R., Hafeez, Rahila; M.S., Shahid, Muhammad Shafiq; D., Wang, Daoze; G., Ondrasek, Gabrijel	Immunomodulating melatonin-decorated silica nanoparticles suppress bacterial wilt (Ralstonia solanacearum) in tomato (Solanum lycopersicum L.) through fine-tuning of oxidative signaling and rhizosphere bacterial community	2024	Journal of Nanobiotechnology	22	1		
110.	U., Shafqat, Usman; M.U., Yasin, Muhammad Ussama; M.S., Shahid, Muhammad Shafiq; S., Hussain, Sabir; T., Shahzad, Tanvir; F., Mahmood, Faisal; A., Ishfaq, Aneeza; M.M., Nawaz, Muhammad Mohsin; A.N., Shah, Adnan Noor; H.M., Ali, Hayssam	Evaluating the impact of biogenic nanoparticles and pesticide application in controlling cotton leaf curl virus disease (CLCuD) in cotton (Gossypium hirsutum L.)	2024	Chemical and Biological Technologies in Agriculture	11	1		

	M.							
111.	M., Hussain, Misbah; M.U., Ghor, Muhammad Umer; M.N., Aslam, Muhammad Naeem; S., Abbas, Shahid; M., Shafique, Muhammad; F.R., Awan, Fazli Rabbi	Serum uric acid: an independent risk factor for cardiovascular disease in Pakistani Punjabi patients	2024	BMC Cardiovascular Disorders	24	1		
112.	M.N., Ansari, Masfa Nasrullah; A., Razaq, Abdul; H., Alolaiyan, Hanan; U., Shuaib, Umer; M.A., Salman, Mohammed Abdullah; Q., Xin, Qing	Empowering decentralized identity systems for Web 3.0 in complex spherical fuzzy knowledge	2024	Scientific Reports	14	1		
113.	N., Ali, Naila; K.O., Erinle, Kehinde Olajide; A.A., Sher, Aniq Amber; Z.U., Nisa, Zaib Un; S.S., Hakimi, Sayed Samiullah; B., Afzal, Beenish; Y.M., Ashraf, Yasin M.	Correction to: Soil Liming Ameliorates Crude Oil Stress and Promotes Biochemical Indices and Photosynthetic and Antioxidant Enzyme Activities in Lemongrass (Cymbopogon citratus) (Journal	2024	Journal of Soil Science and Plant Nutrition	24	4	7242	

		of Soil Science and Plant Nutrition, (2023), 23, 3, (4034-4043), 10.1007/s42729-023-01320-5)						
114.	I., Haidri, Irfan; A., Ishfaq, Aneeza; M.S., Shahid, Muhammad Shafiq; S., Hussain, Sabir; T., Shahzad, Tanvir; U., Shafqat, Usman; S., Mustafa, Sadia; F., Mahmood, Faisal	Enhancement of Antioxidants™ Enzymatic Activity in the Wheat Crop by Shewanela sp. Mediated Zinc Oxide Nanoparticles Against Heavy Metals Contaminated Wastewater	2024	Journal of Soil Science and Plant Nutrition	24	4	7068	7089
115.	M.S., Akhtar, Muhammad Shahbaz; D.S.R., Jutt, Deborah Sohrab Rustam; S., Aslam, Sohaib; R., Nawaz, Rab; M.A., Irshad, Muhammad Atif; M., Khan, Maheer; M., Khairy, Mohamed; A., Irfan, Ali; S.A., Alâ€™Hussain, Sami	Green synthesis of graphene oxide and magnetite nanoparticles and their arsenic removal efficiency from arsenic contaminated soil	2024	Scientific Reports	14	1		

	A.; M.E.A., Zaki, Magdi Eâ€œ A.							
116.	M.A., Ali, Muhammad Azhar; M., Nafees, Mohammad; S.O., Alomrani, Sarah Owdah; Y., Li, Yuanyuan; Q., Wang, Qian; M.A., Alshehri, Mohammed Ali; K.A., Al-Ghanim, Khalid Abdullah; S., Ali, Shafaqat; F., Li, Fengmin	Novel nanocomposite and biochar insights to boost rice growth and alleviation of Cd toxicity	2024	Scientific Reports	14	1		
117.	M., Kashif, Muhammad; S., Khan, Shahzaib; H., Wajahat, Hudeel; F.F., Alharbi, Fatemah Farraj; A.G., Al-Sehemi, Abdullah G.; S., Aman, Salma; H., Alqurashi, Hind	Physicochemical and electrochemical investigation of lead sulphide-graphene oxide hybrid nanostructure for energy storage applications	2024	Journal of Electroanalytical Chemistry	974			
118.	S., Shaheen, Sehar; I., Lalarukh, Irfana; J., Ahmad, Javed; S.A., Zulqadar, Syed Ali; S.A., Alharbi, Sulaiman Ali; M., Hareem, Misbah; A.A.,	Physio-biochemical mechanism of melatonin seed priming in stimulating growth and drought	2024	BMC Plant Biology	24	1		

	Alarfaj, Abdullah A.; M.J., Ansari, Mohammad Javed	tolerance in bread wheat						
119.	T., Batool, Tahira; S., Noreen, Sobia; F., Batool, Fozia; A.G., Shazly, A. G.; S., Iqbal, Shahid; A., Irfan, Ali; S., Batool, Saira; S.A., Ghumman, Shazia Akram; M., Basharat, Maryam; S., Hasan, Sara	Optimization and pharmacological evaluation of phytochemical-rich Cuscuta reflexa seed extract for its efficacy against chlorpyrifos-induced hepatotoxicity in murine models	2024	Scientific Reports	14	1		
120.	E., Rashid, Eram; S.M., Hussain, Syed Makhdoom; S., Ali, Shafaqat; P.K., Sarker, Pallab Kumer; M.A., Farah, Mohammad Abul	Investigating the toxicity of polylactic acid microplastics on the health and physiology of freshwater fish, <i>Cirrhinus mrigala</i>	2024	Ecotoxicology	33	10	1210	1221
121.	N., Akhter, Noreen; R., Nafees, Rimsha; A., Noman, Ali; M.T., Aqeel, Muhamamd Tahir; N., Hadayat, Naila; N., Khalid, Noreen; A., Kausar, Abida; M.O., Alshaharni, Mohammed Obeid; M.M., Shahnaz,	Examining Adaptive Responses of <i>Foeniculum vulgare</i> to Elevated Sodium and Chloride Stress in the Root Zone	2024	Journal of Soil Science and Plant Nutrition	24	4	7042	7056

	Muhammad Muslim; A., Saleem, Aarsal							
122.	S., Nargis, Shaista; M.A., Khan, Muhammad Azhar; G.A., Abbas Ashraf, Ghulam Abbas; M.I., Arshad, Muhammad Imran; S.K., Ali, Syed Kashif; M., Irfan, Muhammad; I., Boukhris, Imed; A., Manzoor, Alina; M.N., Niaz Akhtar, Majid Niaz	Microwave absorption properties of Fe^{2+} -type ferrites: Influence of Nd-loading percentage on structural, spectral, elemental, and electrical features	2024	Ceramics International	50	23	49947	49962
123.	N., Ahmad, Nisar; S.M., Hussain, Syed Makhdoom; S., Ali, Shafaqat; M.F., Tahir, Muhammad Farrukh; P.K., Sarker, Pallab Kumer; M., Shahid, Mudassar	Nano-selenium supplementation: improving growth, digestibility and mineral absorption in freshwater fish, Catla catla	2024	BMC Veterinary Research	20	1		
124.	A., Fatima, Arzoo; S.M., Hussain, Syed Makhdoom; S., Ali, Shafaqat; M.S., Rizwan, Muhamamd Shahid; K.A., Al-Ghanim, Khalid	Ameliorating effects of natural herbal supplements against water-borne induced toxicity of heavy metals on Nile	2024	Scientific Reports	14	1		

	Abdullah; J.W.H., Yong, Jean Wan Hong	tilapia, (Oreochromis niloticus)						
125.	M., Ishtiaq, Muhammad; T., Sardar, Tauqeer; I., Hussain, Iqbal; M., Maqbool, Mehwish; M.W., Mazhar, Muhammad Waqas; A., Parveen, Abida; M.K., Ajaib, Muhammad Kamran; K.H., Bhatti, Khizar Hayat; T., Hussain, Tanveer; A., Gul, Alia	Traditional ethnobotanical knowledge of important local plants in Sudhnoti, Azad Kashmir, Pakistan	2024	Scientific Reports	14	1		
126.	I., Ullah, Inaam; M., Amami, Mongi; K., Mahmood, Khalid; S., Ikram, Salma; A., Ali, Adnan; N., Amin, N.; K., Javaid, Kashif; M., Yasir Ali, Muhammad	Corrigendum to “Optimizing the thermoelectric properties of thermally evaporated AgSnO ₂ thin films by post growth annealing process” [Inorg. Chem. Commun. 134 (2021)]	2024	Inorganic Chemistry Communications	170			

		108994](S1387700321005499)(10.1016/j.inoche.2021.108994)						
127.	T., Hussain, Taqmeem; R., Kousar, Rahila; K., Younas, Kanwal; K., Saleem, Khurram; H.M.A., Shahzad, Hafiz Muhammad Aamir; T., Munir, Tariq; M.F.E., Fakhar-E-Alam, Muhammad F.E.; A., Mehmood, Arsalan; M., Asif, Muhammad; K.A., Dahlous, Kholood Ahmed	Thermoluminescence response of Ce doped CaTiO ₃ nanophosphor synthesized by hydrothermal method for gamma dosimetry	2024	Radiochimica Acta	112	12	999	1006
128.	A., Iftikhar, Arslan; M., Waseem, Mehlaqa; H., Anwar, Haseeb	Combating paediatric pneumonia: the dynamic duo of cinnamon-clove steam and physiotherapy	2024	Journal of Herbal Medicine	48			
129.	Tanawish; N., Jahan, Nazish; K., Rasheed, Kousar; M., Iqbal, Maria; M., Atif, Muhammad	Exploring the Advanced Synthesis Strategies and Biomedical Applications of Iron Oxide-Based	2024	Journal of Cluster Science	35	8	2637	2661

		Nanozymes: A Comprehensive Review						
130.	Y., Shah, Yaqoob; M.T., Hussain, Muhammad Tahir; A., Mansha, Asim; M.R.S.A., Janjua, Muhammad Ramzan Saeed Ashraf	Exploring the potential of quinacridone-porphyrin-based materials for nitrogen oxides sensing: quantum chemical design, mechanism and future prospects	2024	Adsorption	30	8	2053	2067
131.	M.Y., Javaid, Maria Yasar; J.N., Chauhdary, Junaaid Nawaz; M., Yasar Javaid, Muhammad; M., Farooq, Muhammad; F., Saleem, Faisal; M.A., Imran., Muhammad Asjad; I., Hussain, Ijaz; M., Sultan, Muhammad; M.I., Khan, M. Imran; M.I., Khan, Mohammad Ilyas	Channel flow dynamics of fractional viscoelastic nanofluids in molybdenum disulphide grease: A case study	2024	Results in Engineering	24			
132.	Iqra	A systematic â€“ Review of academic stress intended to	2024	Methods in Psychology	11			

		improve the educational journey of learners						
133.	S., Ashraf, Sana; B., Munir, Bareera; S.R., Ahmad, Sajid Rashid; M.K., Irshad, Muhammad Kashif; W., Akram, Waheed; S., Ashraf, Sobia; Z., Majid, Zahra; Z., Irfan, Zainab	Coupling of biochar and silicon for Phyto-management of Cd contaminated soil using <i>Brachiaria mutica</i>	2024	Results in Engineering	24			
134.	R., Fatima, Rida; N., Shahzad, Nabeel; T., Fatima, Tahreem; S., Perveen, Sonia; A.M.M., M M Abdelbacki, Ashraf Mahmoud M.; K., Wang, Kai; J., Iqbal, Javed	Tailoring Diversified Peripheral Anchor Groups in Spirofluorene-Dithiolane-Based Hole Transporting Materials for Efficient Organic and Perovskite Solar Cells from First-Principle	2024	Advanced Theory and Simulations	7	12		
135.	M.A., Irshad, Muhammad Atif; A., Hussain, Azhar; I., Nasim, Iqra; R., Nawaz, Rab; A.A., Al-Mutairi, Aamal A.; S., Azeem,	Exploring the antifungal activities of green nanoparticles for sustainable agriculture: a research update	2024	Chemical and Biological Technologies in Agriculture	11	1		

	Shaheryar; M.S., Rizwan, Muhamamd Shahid; S.A., Alâ€™Hussain, Sami A.; A., Irfan, Ali; M.E.A., Zaki, Magdi Eâ€ A.							
136.	M.Z., Manzoor, Muhammad Zeeshan; G., Sarwar, G.; S.F., Alamery, Salman Freeh; M.K., Ibrahim, Muhammad Khalid; A., Sami, Amtul; B., Ahmed, Bilal; F., Ahsan, Fariha; S., Gul, Salma; K.A., Attia, Kotb A.; S., Fiaz, Sajid	Correction to: Efficacy of various amendments for immobilization of potentially toxic elements in wastewater contaminated soils (Scientific Reports, (2024), 14, 1, (17350), 10.1038/s41598-024-65686-x)	2024	Scientific Reports	14	1		
137.	S.S., Habib, Syed Sikandar; S., Maqaddas, Sawera; F., Fazio, Francesco; R., El Amouri, Rim; G.S., Shaikh, Ghulam Serwar; A., Rahim, Abdur; K., Khan, Kaleem; J., Ullah, Javed; M., Mohany,	Evaluation of lead exposure effects on tissue accumulation, behavior, morphological and hemato-biochemical changes in common carp, Cyprinus carpio	2024	Journal of Trace Elements in Medicine and Biology	86			

	Mohamed; V., Parrino, Vincenzo							
138.	A., Ali, Arfan; A.R., Bhatti, Abdul Rauf; A., Rasool, Akhtar; F.U., Rehman, Fazal Ur; M.A., Khan, Muhammad Amjad; A.A.Y., Ali, Ahmed Abdi Yusuf; A., Sherefa, Abdulkerim	Performance analysis of high voltage disc insulators with different profiles in clean and polluted environments using flashover, withstand voltage tests and finite element analysis	2024	Scientific Reports	14	1		
139.	C., Gao, Chengyin; S., Shaheen, Sadia; M.W., Bari, Muhammad Waseem	Workplace gossip erodes proactive work behavior: anxiety and neuroticism as underlying mechanisms	2024	BMC Psychology	12	1		
140.	M.S., Nawaz, Muhammad Sulaman; E., Shahzadi, Eram; A., Yaseen, Aqsa; M.R., Khalid, Muhammad Rehan; M.H., Saleem, Muhammad Hamzah; A.I., Alalawy, Adel I.; A.M.E., Omran, Awatif M.E.;	Selenium improved arsenic toxicity tolerance in two bell pepper (Capsicum annuum L.) varieties by modulating growth, ion uptake, photosynthesis, and antioxidant	2024	BMC Plant Biology	24	1		

	F.M.A., Khalil, Fatma Mohamed Ameen; M.A., Alsuwat, Meshari A.; S., ErcÄ±slÄ±, Sezai	profile						
141.	M., Afzaal, Muhammad; R., Nawaz, Rab; S., Hussain, Saddam; M., Nadeem, Mahnoor; M.A., Irshad, Muhammad Atif; A., Irfan, Ali; H.A., Mannan, H. A.; A.A., Al-Mutairi, Aamal A.; A., Islam, Atif; S.A., Alâ€™Hussain, Sami A.	Removal of oxytetracycline from pharmaceutical wastewater using kappa carrageenan hydrogel	2024	Scientific Reports	14	1		
142.	M., Yasar, Muhammad; A., Mujtaba, Atif; K., Fatima, Kinza; M., Rubab, Maddiha; M., Usman, Muhammad; M.J., Khan, Muhammad Jamil; D.P., Rao, Devendra Pratap; R.W., Sajjad, Raja Waleed	Synthesis, characterization, and photocatalytic activity of aluminum doped spinel ferrite nanoparticles for the photodegradatio n of Congo red	2024	Reaction Kinetics, Mechanisms and Catalysis	137	6	3463	3485
143.	A.K., Sehrish, Adiba	Nutrient	2024	Scientific Reports	14	1		

	Khan; S., Ahmad, Shoaib; S.O., Alomrani, Sarah Owdah; A., Ahmad, Azeem; K.A., Al-Ghanim, Khalid Abdullah; M.A., Alshehri, Mohammed Ali; A., Tauqeer, Arslan; S., Ali, Shafaqat; P.K., Sarker, Pallab Kumer	strengthening and lead alleviation in Brassica Napus L. by foliar ZnO and TiO2-NPs modulating antioxidant system, improving photosynthetic efficiency and reducing lead uptake						
144.	T., Munir, Tariq; A., Mahmood, Arslan; I., Ali, Irfan; N., Abbas, Numan; A., Sohail, Amjad; Arshia; Y., Khan, Yasink	Investigation of antibacterial and anticancer activities of copper, aluminum and nickel doped zinc sulfide nanoparticles	2024	Scientific Reports	14	1		
145.	F., Meng, Fanxiao; M.I., Khan, Muhammad Ismail; S.A.A., Naqvi, Syed Ali Asad; A., Sarwar, Abid; F., Islam, Fakhrul; M.A.S., Ali, Muhammad Akmal Sardar; A., Tariq, Aqil; S., Ullah,	Identification and mapping of groundwater recharge zones using multi influencing factor and analytical hierarchy process	2024	Scientific Reports	14	1		

	Sajid; W.H., Soufan, Walid H.; T.K., Faraj, Turki Kh							
146.	S., Zafar, Sadia; I.M., Khan, Inam Mehdi; M.A., Ashraf, Muhammad Arslan; M.Z., Zafar, Muhammad Zeshan; M.A., Ahmad, Mushtaq A.; R., Rasheed, Rizwan; A., Mehmood, Ansar; K.S., Ahmad, Khawaja Shafique	Insights into trehalose mediated physiological and biochemical mechanisms in Zea mays L. under chromium stress	2024	BMC Plant Biology	24	1		
147.	A., Lakhdari, Abdelghani; H., Budak, HÂ"Useyin; M.U., Awan, Muhammad Uzair; B., Meftah, Badreddine	Extension of Milne-type inequalities to Katugampola fractional integrals	2024	Boundary Value Problems	2024	1		
148.	M., Atif, Muhammad; S., Perveen, Shagufta; A., Parveen, Abida; F., Saeed, Farah	Conjoint effect of indole-3-acetic acid and vitamin B1 on nutrient acquisition and seed oil physicochemical properties of Zea mays L. under arsenic	2024	Journal of Plant Growth Regulation	43	12	4957	4980

		intervention						
149.	A., Tariq, Aqsa; S., Bilal, Sehrish; I., Naz, Iram; M.H., Nawaz, Mian Hassnain; S., Andreescu, Silvana; F., Jubeen, Farhat; A., Arif, Amina; A., Hayat, Akhtar	A multifunctional N-GO/PtCo nanocomposite bridged carbon fiber interface for the electrochemical aptasensing of CA15-3 oncomarker	2024	Analytical Biochemistry	695			
150.	A., Raza, Anam; I., Mahmood, Imran; T., Sultana, Tayyaba	Methods to quantify gait rehabilitation following lower limb fractures	2024	MethodsX	13			
151.	S., Ashraf, Sajida; M.A., Sufyan, Muhammad Abu; B., Aslam, B.; H., Khalid, Hina; N.A., Albekairi, Norah A.; A.M., Alshammari, Abdulrahman Mohammed; M.S., Alharbi, Metab S.; M.A., Nisar, Muhammad Atif; M., Khurshid, Mohsin; U.A., Ashfaq, Usman Ali	Uncovering chikungunya virus-encoded miRNAs and host-specific targeted genes associated with antiviral immune responses: an integrated bioinformatics approach	2024	Scientific Reports	14	1		
152.	S., Ahmad, Shoaib; A.K., Sehrish, Adiba Khan; A., Hussain,	Correction to: Salt stress amelioration and	2024	Scientific Reports	14	1		

	Afzal; L., Zhang, Lidan; S.O., Alomrani, Sarah Owdah; A., Ahmad, Azeem; K.A., Alâ€™Ghanim, Khalid A.; M.A., Alshehri, Mohammed Ali; S., Ali, Shafaqat; P.K., Sarker, Pallab Kumer	nutrient strengthening in spinach (<i>Spinacia oleracea</i> L.) via biochar amendment and zinc fortification: seed priming versus foliar application (Scientific Reports, (2024), 14, 1, (15062), 10.1038/s41598-024-65834-3)						
153.	Z., Siddiq, Zafar; U., Azam, Umair; M.A., Irshad, Muhammad Atif; N., Mirza, Noor; R., Nawaz, Rab; M.U., Hayyat, Muhammad U.; A., Irfan, Ali; A.A., Alsahli, Abdulaziz Abdullah; M., Bourhia, Mohamed; A.B., Mekonnen, Amare Bitew	Assessment of growth, and ion uptake of plant species, <i>Conocarpus erectus</i> and <i>Dodonaea viscosa</i> , on industrial solid waste	2024	BMC Plant Biology	24	1		
154.	M., Latif, Maria; N., Nasir, Nimra; R., Nawaz, Rab; I., Nasim, Iqra; K.,	Correction to: Assessment of drinking water quality using	2024	Scientific Reports	14	1		

	Sultan, Khawar; M.A., Irshad, Muhammad Atif; A., Irfan, Ali; T.M.S., Dawoud, Turki Mohammed S.; Y.A., Younous, Youssof Ali; Z., Ahmed, Zulkifl	Water Quality Index and synthetic pollution index in urban areas of mega city Lahore: a GIS-based approach (Scientific Reports, (2024), 14, 1, (13416), 10.1038/s41598-024-63296-1)						
155.	N., Fatima, Naheed; M.A., Ashraf, Muhammad Arslan; R., Rasheed, Rizwan; M.I., Shad, Mudassir Iqbal; S., Ali, Shafaqat	Exogenous Myo-inositol Weakens Salinity Effects by Improving Photosynthesis, ROS Homeostasis, Osmotic Adjustment, and Nutrient Acquisition in Maize (Zea mays L.)	2024	Journal of Plant Growth Regulation	43	12	4556	4576
156.	A., Ghafoor, Asif; F., Shafiq, Fahad; S., Anwer, Sumera; L., Zhang, Lixin; M.Y., Ashraf, Muhammad Yasin	Comparative assessment of pantothenic, aspartic, ascorbic and tartaric acids assisted Pb-phytoextraction by sunflower	2024	BioMetals	37	6	1471	1486

		(<i>Helianthus annuus</i> L.)						
157.	M.Z., Manzoor, Muhammad Zeeshan; G., Sarwar, G.; S.F., Alamery, Salman Freeh; M.K., Ibrahim, Muhammad Khalid; A., Sami, Amtul; B., Ahmed, Bilal; F., Ahsan, Fariha; S., Gul, Salma; K.A., Attia, Kotb A.; S., Fiaz, Sajid	Efficacy of various amendments for immobilization of potentially toxic elements in wastewater contaminated soils	2024	Scientific Reports	14	1		
158.	M.F., Manzoor, Muhammad Faisal; X., Zeng, Xinan; M., Waseem, Muhammad; R., Siddique, Rabia; M.R., Javed, Muhammad Rizwan; D.K., Verma, D. K.; M., Ali, Murtaza	Soy protein-polyphenols conjugates interaction mechanism, characterization, techno-functional and biological properties: An updated review	2024	Food Chemistry	460			
159.	S., Rashid, Saima; S.Z., Hamidi, Sher Zaman; M.A., Raza, Muhammad Aon; R., Shafique, Rafia; A.S., Alsubaie,	Robustness and exploration between the interplay of the nonlinear co-dynamics	2024	Scientific Reports	14	1		

	Assayel Sultan; S.K., Elagan, S. K.	HIV/AIDS and pneumonia model via fractional differential operators and a probabilistic approach						
160.	M., Shafique, Muhammad; M., Khurshid, Mohsin; S., Muzammil, Saima; M.I., Arshad, Muhammad Imran; I.R., Malik, Imran Riaz; M.H., Rasool, Muhammad Hidayat; A., Khalid, Aimen; R., Khalid, Rabia; R., Asghar, Rubab; Z., Baloch, Zulqarnain	Traversed dynamics of climate change and One Health	2024	Environmental Sciences Europe	36	1		
161.	A., Fatima, Arzoo; S.M., Hussain, Syed Makhdoom; S., Ali, Shafaqat; P.K., Sarker, Pallab Kumer; K.A., Al- Ghanim, Khalid Abdullah; E.M.A., Naeem, E. M.A.	Mitigating potentials of natural herbal supplements against heavy metal toxicity in freshwater fish, Cyprinus carpio	2024	Aquaculture International	32	7	9441	9455
162.	S., Manzoor, Sana; A.A., Rakha, Allah	Astounding the anxiolytic and	2024	Journal of Agriculture and Food Research	18			

	A.; A.B., Altemimi, Ammar B.; T., Tariq, Tayyaba; S., Munir, Seemal; F., Tariq, Farwa; A., Sameen, Ayesha; G.H., Abdi, Gholamreza H.; R.M., Aadil, Rana Muhammad	eudemonic potential of certain fruits						
163.	H., Alolaiyan, Hanan; M., Hayat, Misbah; U., Shuaib, Umer; A., Razaq, Abdul; M.A., Salman, Mohammed Abdullah; Q., Xin, Qing	Optimizing bioremediation techniques for soil decontamination in a linguistic intuitionistic fuzzy framework	2024	Scientific Reports	14	1		
164.	R.U., Hissan, Riaz Ul; H., Shafiq, Hamza; A.A., Nassani, Abdelmohsen A.; N., Parveen, Nusrat; B., Hussain, Bilal; M., Radulescu, Magdalena	Assessment of spatio-temporal dynamics of land degradation and desertification in Pakistan and its impact on agriculture productivity	2024	Environment, Development and Sustainability	26	12	3233 7	32357
165.	S., Kamal, Shagufta; S., Babar, Sharon; W., Ali, Waqas; K., Rehman, Kanwal;	Sirtuin insights: bridging the gap between cellular processes and therapeutic	2024	Naunyn-Schmiedeberg's Archives of Pharmacology	397	12	9315	9344

	A., Hussain, Amjad; M.S.H., Akash, Muhammad Sajid Hamid	applications						
166.	S.A., Khan, Shan Ali; A., Ramzan, Aleena; M.H., Ali, Muhammad Hussain; M.A., Imran, Muhammad Ali; J.M., Machado, JosÃ© Mendes; K., KÄ™dzia, Krzysztof; A.Z., Jan, Ahmed Zubair	Numerical Simulation of Bioconvection Maxwell Nanofluid Flow due to Stretching/Shrink ing Cylinder with Gyrotactic Motile Microorganisms: A Biofuel Applications	2024	BioNanoScience	14	5	4895	4909
167.	U., Farooq, Umar; A., Basem, Ali; M.A., Imran, Muhammad Ali; N., Fatima, Nahid; A., Alhushaybari, Abdullah; T., Muhammad, Taseer; H.M., Waqas, Hassan M.; S., Noreen, Sobia	Computational assessment of hybrid nanofluid with the rule of heat-transfer enhancement over a stretched sheet: a comparative study	2024	Mechanics of Time-Dependent Materials	28	4	3183	3197
168.	S., Ahmad, Shoaib; A., Khan Sehrish, Adiba; A., Hussain, Afzal; L., Zhang, Lidan; S., Owdah Alomrani, Sarah; A., Ahmad, Azeem;	Salt stress amelioration and nutrient strengthening in spinach (Spinacia oleracea L.) via biochar	2024	Scientific Reports	14	1		

	K.A., Al-Ghanim, Khalid Abdullah; M.A., Alshehri, Mohammed Ali; S., Ali, Shafaqat; P.K., Sarker, Pallab Kumer	amendment and zinc fortification: seed priming versus foliar application						
169.	K., Aslam, Komal; A., Saeed, Aysha; H.I., Saeed, Hafiza Iqra; R., Bashir, Rasheeda; H., Abid, Hanna; R., Akhtar, Roeha; N., Habib, Nida; R., Khan, Ramisha; R., Asif, Roha; S., Rafiq, Shereen	Molecular genetics, neuroimaging outcomes, and structural analyses of novel and recurrent variants of WDR62 gene in two consanguineous Pakistani families with autosomal recessive primary microcephaly	2024	Molecular Biology Reports	51	1		
170.	S.G., Hadier, Syed Ghufra; Y., Liu, Yinghai; L., Long, Liu; S.M.Z.H., Hamdani, Syed Muhammad Zeeshan Haider; H., Khurram, Haris; S.D.H., Hamdani, Syed Danish Haider; S.S., Danish, Shaista	Assessment of physical literacy in 8- to 12-year-old Pakistani school children: reliability and cross-validation of the Canadian assessment of physical literacy-2 (CAPL-2) in South Punjab, Pakistan	2024	BMC Public Health	24	1		

	Shireen; S.U., Fatima, Syeda Urooj							
171.	M.A., Rahim, Muhammad Abdul; J.M., Regenstein, Joe Mac; F., Al- Asmari, Fahad; M.A., Imran, Muhammad Ali; M.F., Ramadan, Mohamed Fawzy; J.M., Rocha, J. M.; I., Hussain, Imtiaz; E., Zongo, Eliasse	Optimized spray- dried conditionsâ€™ impact on fatty acid profiles and estimation of in vitro digestion of spray-dried chia/fish oil microcapsules	2024	Scientific Reports	14	1		
172.	M.B., Shahid, Muhammad Bilal; W., Jin, Weidong; M.A., Abbasi, Muhammad Abbas; A.R., Husain, Abdul Rashid; A.R., Bhatti, Abdul Rauf; A., Rasool, Akhtar; S.M., Galib, Syed Md	Hysteresis based predictive torque control without weighting factors for induction motor drives	2024	IET Control Theory and Applications	18	18	2675	2692
173.	M.S., Amjad, Muhammad Shoaib; S.M., Hussain, Syed Makhdoom; S., Ali, Shafaqat; M., Rizwan,	Effectiveness of feeding differentÂ biocha rs on growth, digestibility, body composition, hematology and	2024	Scientific Reports	14	1		

	Muhmmad; K.A., Al-Ghanim, Khalid Abdullah; J.W.H., Yong, Jean Wan Hong	mineral status of the Nile tilapia, <i>Oreochromis niloticus</i>						
174.	M., Abid, Muhammad; M., Sun, Mei; A., Shabbir, Aroosa; M.E., Bakr, Mahmoud Ebrahim; T., Abbas, Tahir	An enhanced nonparametric quality control chart with application related to industrial process	2024	Scientific Reports	14	1		
175.	M., Latif, Maria; N., Nasir, Nimra; R., Nawaz, Rab; I., Nasim, Iqra; K., Sultan, Khawar; M.A., Irshad, Muhammad Atif; A., Irfan, Ali; T.M.S., Dawoud, Turki Mohammed S.; Y.A., Younous, Youssof Ali; Z., Ahmed, Zulkifl	Assessment of drinking water quality using Water Quality Index and synthetic pollution index in urban areas of mega city Lahore: a GIS-based approach	2024	Scientific Reports	14	1		
176.	N., Habib, Noman; F., Batool, Fatima; S., Adeel, Shahid; M., Naveed, Muhammad; A., Ali, Aamir; R., Mia, Rony; M.A., Assiri, Mohammed Ail	Green extraction and application of yellow natural curcumin colorant from Curcuma aromatica rhizomes for silk	2024	Scientific Reports	14	1		

		dyeing						
177.	N., Shehzadi, Nimra; A., Mahmood, Athar; M.M., Kaleem, Muhammad Mohsin; M.S., Chishti, Muhammad Shahbaz; H., Bashir, Humaira; A., Hashem, A.; E.F., Abd-Allah, Elsayed Fathi; H., Shahid, Hina; A., Ishtiaq, Atiq	Zinc and nitrogen mediate the regulation of growth, leading to the upregulation of antioxidant aptitude, physio-biochemical traits, and yield in wheat plants	2024	Scientific Reports	14	1		
178.	M.F., Qayyum, Muhammad Farooq; D.E.S.E., Khan, Dur E.Sam EEn; S.M., Alghanem, Suliman Mohammed; H.A., Sakit ALHaithloul, Haifa Abdulaziz; I.M., Alsudays, Ibtisam Mohammed; M., Rizwan, Muhmmad; J.W.H., Yong, Jean Wan Hong	Agricultural waste-based modified biochars differentially affected the soil properties, growth, and nutrient accumulation by maize (Zea mays L.) plants	2024	BMC Plant Biology	24	1		
179.	M.B., Shahid, Muhammad Bilal;	Optimal weighting factor	2024	Scientific Reports	14	1		

	W., Jin, Weidong; M.A., Abbasi, Muhammad Abbas; L., Li, Lian; A., Rasool, Akhtar; A.R., Bhatti, Abdul Rauf; A., Sherefa, Abdulkerim	design based on entropy technique in finite control set model predictive torque control for electric drive applications						
180.	N., Ansar, Nawal; W., Shahid, Wajeehah; M.A., Irshad, Muhammad Atif; S., Shahid, Samiah; R., Nawaz, Rab; A., Irfan, Ali; M.I., Khan, Muhammad Iftikhar; A.A., Al-Mutairi, Aamal A.; M., Khizar, Maria; S.A., Al-Hussain, Sami A.	Aloe-inspired eco-friendly synthesis of Ag/ZnO heterostructures: boosting photocatalytic potential	2024	Scientific Reports	14	1		
181.	S., Duan, Sumei; A.A., Al-Huqail, Arwa Abdulkreem; I.M., Alsudays, Ibtisam Mohammed; M., Younas, Mobeen; A., Aslam, Alishba; A.N., Shahzad, Ahmad Naeem; M.F., Qayyum, Muhammad	Effects of biochar types on seed germination, growth, chlorophyll contents, grain yield, sodium, and potassium uptake by wheat (<i>Triticum aestivum</i> L.) under salt stress	2024	BMC Plant Biology	24	1		

	Farooq; M., Rizwan, Muhmmad; Y., Alhaj Hamoud, Yousef; H., Shaghaleh, Hiba							
182.	M., Jabran, Muhammad; M.A., Ali, Muhammad Amjad; S., Muzammil, Saima; A., Zahoor, Adil; F., Ali, Faizan; S., Hussain, Sarfaraz; G., Muhae-Ud-Din, Ghulam; M., Ijaz, Munazza; L., Gao, Li	Exploring the potential of nanomaterials (NMs) as diagnostic tools and disease resistance for crop pathogens	2024	Chemical and Biological Technologies in Agriculture	11	1		
183.	M.B., Riaz, Muhammad Bilal; S.N., Harun, Sabariah Noor; T.H., Mallhi, Tauqeer Hussain; Y.H., Khan, Yusra Habib; M., Butt, Muhammad; A., Husain, Aamir; M.M., Khan, Muhammad Mujeeb; A.H., Khan, Amer Hayat	Evaluation of clinical and laboratory characteristics of dengue viral infection and risk factors of dengue hemorrhagic fever: a multi-center retrospective analysis	2024	BMC Infectious Diseases	24	1		
184.	Y.H.I., Mohammed, Yasser Hussein	Synthesis and evaluation of	2024	Scientific Reports	14	1		

	Issa; I.M., Shamkh, Israa M.; A.H., Shntaif, Ahmed Hassen; M.A., Sufyan, Muhammad Abu; T.M., Rehman, Tabish M.; M.F., Al Ajmi, Mohamed F.; M.J.S.A., Shahwan, Moyad Jamal Saeed Al; S.S., Alghamdi, Saad Saeed; A.E., Abd El-Lateef, Amal Ezzat; E.B.A., Khidir, Elshiekh Babiker Adam	pyridine-3-carboxamide analogs as effective agents against bacterial wilt in tomatoes						
185.	S., Maqsood, Sameen; M., Ishaq, Mubashra; Z., Ali, Zohaib; K., Ali, Khuram; B., Hussain, Babar	Optimization of hydrophobic anti-reflection calcium fluoride films for ZnO/GaAs heterojunction solar cell: a simulation study	2024	Indian Journal of Physics	98	14	4919	4932
186.	S., Rashid, Saima; S.Z., Hamidi, Sher Zaman; S., Akram, Saima; M.A., Alosaimi, Moataz A.; Y., Chu, Yuming	Enhancing the trustworthiness of chaos and synchronization of chaotic satellite model: a practice of discrete	2024	Scientific Reports	14	1		

		fractional-order approaches						
187.	M., Usman, Muhammad; B., Hussain, Bilal; S., Anwar, Sofia; S.A.A., Naqvi, Syed Asif Ali	Contribution of energy based circularity for better environmental quality: an evidence from Bias-corrected linear dynamic approach	2024	Discover Sustainability	5	1		
188.	S., Rashid, Saima; S.Z., Hamidi, Sher Zaman; S., Akram, Saima; M.A., Raza, Muhammad Aon; S.K., Elagan, S. K.; B.M.T., Alsubei, Beida Mohsen Tami	Theoretical and mathematical codynamics of nonlinear tuberculosis and COVID-19 model pertaining to fractional calculus and probabilistic approach	2024	Scientific Reports	14	1		
189.	D.A., Alghazzawi, Dilshad A.; H., Alolaiyan, Hanan; H., Ashfaq, Humaira; U., Shuaib, Umer; H.A., Khalifa, Hamiden Abdelwahed; H.G., Gomaa, Heba Ghareeb; Q., Xin, Qing	Selecting an optimal approach to reduce energy crises under interval-valued intuitionistic fuzzy environment	2024	Scientific Reports	14	1		

190.	M., Raza, Mohsan; K., Bano, Khadija; Q., Xin, Qing; F., Tchier, Fairouz; S.N., Nawaz Malik, Sarfraz Nawaz	Sharp coefficient inequalities of starlike functions connected with secant hyperbolic function	2024	Journal of Inequalities and Applications	2024	1		
191.	T., Abbas, Tahir; M.Y., Tahir, Muhammad Yahya; M., Abid, Muhammad; S., Munir, Samavia; S., Ali, Sajid	The 3-component mixture of power distributions under Bayesian paradigm with application of life span of fatigue fracture	2024	Scientific Reports	14	1		
192.	S., Taj, Saman; U.A., Ashfaq, Usman Ali; M.N., Ahmad, Matloob N.; H., Noor, Hasnat; A., Ikram, Ayesha; R., Ahmed, Rashid; M.A., Tariq, Muhammad Akram; M.S., Masoud, Muhammad Shareef; A.U., Hasan, Anwarul Ul	The antihyperglycemi c potential of pyrazolobenzothi azine 1, 1-dioxide novel derivative in mice using integrated molecular pharmacological approach	2024	Scientific Reports	14	1		
193.	S., Kanwal, Shazia; S., Waheed, Sana; A.A., Rahimzai, Ariana Abdul; I., Khan, Ilyas	Existence of common fuzzy fixed points via fuzzy F- contractions in b- metric spaces	2024	Scientific Reports	14	1		

194.	K., Tul-Kubra, Khadija; R., Ali, Rooh; R.T., Alqahtani, Rubayyi Turki; S., Gulshan, Samra; Z., Iqbal, Zahoor	Author Correction: Analysis and comparative study of a deterministic mathematical model of SARS-COV-2 with fractal-fractional operators: a case study(Scientific Reports, 10.1038/s41598-024-56557-6)	2024	Scientific Reports	14	1		
195.	M.A., Raza, Muhammad Ali; A., Amin, Azka; M., Aslam, Muhammad; T., Nawaz, Tahir; M., Irfan, Muhammad; F., Tariq, Farah	Nonparametric mixed exponentially weighted moving average-moving average control chart	2024	Scientific Reports	14	1		
196.	S., Bashir, Samina; A., Yaqoob, Amina; R., Bashir, Rohina; S., Bukhari, Shanila; N., Shahid, Naila; S., Azam, Saira; A., Bakhsh, Allah; T., Husnain, Tayyab; A.A., Shahid, Ahmad Ali; A.Q., Qayyum Rao,	Barley chitinase genes expression revamp resistance against whitefly (Bemisia Tabaci) in transgenic cotton (Gossypium hirsutum L.)	2024	Journal of Cotton Research	7	1		

	Abdul Qayyaum							
197.	K., Tul-Kubra, Khadija; R., Ali, Rooh; R.T., Alqahtani, Rubayyi Turki; S., Gulshan, Samra; Z., Iqbal, Zahoor	Analysis and comparative study of a deterministic mathematical model of SARS-COV-2 with fractal-fractional operators: a case study	2024	Scientific Reports	14	1		
198.	T.H., Bokhari, Tanveer Hussain; A., Iqbal, Aqsa; M., Usman, Muhammad; M.M., Al Huwayz, Maryam M.; M., Iqbal, Mazhar; A., Ali, Abid; N.M., Alwadai, Norah Muhammad; M.A., Iqbal, Munawar Aqeel; A., Nazir, Arif; U., Younas, Umer	Gamma radiation-induced degradation of Acid Violet 49 in the presence of hydrogen peroxide (H2O2) in an aqueous medium	2024	Zeitschrift fur Physikalische Chemie	238	12	2165	2181
199.	T., Nauroze, Tooba; S., Ali, Shaukat; S., Andleeb, Shagufta; C., Ara, Chaman; I., Liaqat, Iram; H., Mushtaq, Hina; S., Mumtaz, Samaira; L., Kanwal, Lubna;	Therapeutic Potential of Aloe vera and Aloe vera“Conjugated Silver Nanoparticles on Mice Exposed to Hexavalent	2024	Biological Trace Element Research	202	12	5580	5595

	A.S., Abbas, Afshan Syed; S., Mumtaz, Shumaila	Chromium						
200.	F., Ghouri, Fozia; S., Sarwar, Samreen; L., Sun, Lixia; M.U., Riaz, Muhammad Umair; F.U., Haider, Fasih Ullah; H., Ashraf, Humera; M., Lai, Mingyu; M.A., Imran, Muhammad Ali; J., Liu, Jingwen; S.M., Ali, Shafaqat M.	Silicon and iron nanoparticles protect rice against lead (Pb) stress by improving oxidative tolerance and minimizing Pb uptake	2024	Scientific Reports	14	1		
201.	R.P.D., Mungmunpantipan tip, Rujittika Ph D.; V., Wiwanitkit, Viroj	Radiology Readiness for Monkeypox: Correspondence	2024	Journal of the American College of Radiology	21	12	1837	
202.	U., Arif, Uzma; S., Ali, Summaira; B., Alharthi, Badr; M.F.K., Pasha, Muhammad Farhan Khan; H.M., Ahmad, Hafiz Muhammad; M.J., Ahmed, Muhammad Jamil; A.A., Arif, Ayaz Ahmed	Genetic diversity analysis of pea (Pisum sativum L.) landraces by utilizing simple sequence repeat markers	2024	Genetic Resources and Crop Evolution	71	8	4255	4261

203.	S., Zafar, Sara; S.B., Khan, Shahbaz B.; D., Ibrar, Danish; M.K., Khan, Muhammad Kamran; Z., Hasnain, Zuhair; K., Mehmood, Kashf; A., Rais, Afroz; S., Gul, Safia; S., Irshad, Sohail; M.M., Nawaz, Muhammad Mohsin	Application of zinc nanoparticles as seed priming agent improves growth and yield of wheat seedlings grown under salinity stress by enhanced antioxidants activities and gas exchange attributes	2024	Cereal Research Communications	52	4	1551	1564
204.	F., Jabeen, Farhat; A.S., Chaudhary, Abdul Shakoor	Retraction note: Effects of Cadmium Chloride and Sodium Selenite Alone or in Combination on the Liver of Male Spragueâ€ˆDawle y Rats Assessed by Different Assays (Biological Trace Element Research, (2011), 143, 2, (1077-1090), 10.1007/s12011-010-8946-0)	2024	Biological Trace Element Research	202	12	5867	
205.	M.S., Khan,	Retraction note:	2024	Biological Trace Element Research	202	12	5866	

	Muhammad Saleem; N.A., Qureshi, Naureen Aziz; F., Jabeen, Farhat; M.T., Shakeel, Muhammad Taimoor; M.S., Asghar, Muhammad Saleem	Assessment of Waterborne Amine-Coated Silver Nanoparticle (Ag-NP)-Induced Toxicity in Labeo rohita by Histological and Hematological Profiles (Biological Trace Element Research, (2018), 182, 1, (130-139), 10.1007/s12011-017-1080-5)						
206.	M.S., Wasim, Muhammad Shahid; M., Amjad, M.; M.A., Abbasi, Muhammad Abbas; A.R., Bhatti, Abdul Rauf; A., Rasool, Akhtar; A., Raheem, Abdur; A.A.Y., Ali, Ahmed Abdi Yusuf; B., Khan, B.	An efficient energy management scheme using rule-based swarm intelligence approach to support pulsed load via solar-powered battery-ultracapacitor hybrid energy system	2024	Scientific Reports	14	1		
207.	S., Kanwal, Shazia; H., IÅik, HÅseyin; S., Waheed, Sana	Generalized fixed points for fuzzy and nonfuzzy mappings in	2024	Journal of Inequalities and Applications	2024	1		

		strong b-metric spaces						
208.	M., Irfan, Muhammad; H.A., Khan, Hammad Ali; S., BiBi, Shamsa; G., Wu, Gang; A.M., Ali, Akbar M.; S.G., Khan, Samreen Gul; N.S.M., Alhokbany, Norah Saad M.; F., Rasool, Faiz; K., Chen, Ke	Exploration of nonlinear optical properties of 4-methyl-4H-1,2,4-triazol-3-yl)thio)-N-phenylpropanamide based derivatives: experimental and DFT approach	2024	Scientific Reports	14	1		
209.	U., Batoool, Uzma; R., Nawaz, Rab; S.U., Ahmad, Sajjad U.; M.A., Irshad, Muhammad Atif; A., Irfan, Ali; A.R.Z., Gaafar, Abdelâ€™Rhman R.Z.; M.U., Arshad, Muhammad Umair; G.F., Wondmie, Gezahign Fentahun; M.M.N., Qayyum, Mir Muhammad Nasir; M., Bourhia, Mohamed	Author Correction: Physico- and phytochemical properties ofÂ Brassica junceaÂ as affected by agroclimatic conditions (Scientific Reports, (2024), 14, 1, (797), 10.1038/s41598-023-48808-9)	2024	Scientific Reports	14	1		
210.	N., Atta, Nimra; M.S., Shahbaz, Muhammad	Author Correction: Proline-mediated	2024	Scientific Reports	14	1		

	Shahzad; F., Farhat, Fozia; M.F., Maqsood, Muhammad Faisal; U., Zulfiqar, Usman; N., Naz, Nargis; M.M., Ahmed, Muhammad Mahmood; N.U., Hassan, Naveed Ul; N., Mujahid, Nazoora; A.E.Z.M., Mustafa, Abd El Zehar M.A.	redox regulation in wheat for mitigating nickel-induced stress and soil decontamination (Scientific Reports, (2024), 14, 1, (456), 10.1038/s41598-023-50576-5)						
211.	M.A., Imran., Muhammad Asjad; M.A., Basit, Muhammad Abdul; S., Yasmin, Sumeira; S.A., Khan, Shan Ali; S.K., Elagan, S. K.; A., AkgÃ¼l, Ali; A.M., Hassan, Ahmed Muhammad	A proceeding to numerical study of mathematical model of bioconvective Maxwell nanofluid flow through a porous stretching surface with nield/convective boundary constraints	2024	Scientific Reports	14	1		
212.	K., Aslam, Komal; A., Saeed, Aysha; I., Jamil, Iffat; H.I., Saeed, Hafiza Iqra; R., Khan, Ramisha; S., Hassan, Samina;	Investigating the effects of a single ASPM variant (c.8508_8509) on brain architecture	2024	Molecular Biology Reports	51	1		

	S., Rafiq, Shereen; M., Asif, Maria; E.U.H., Makhdoom, Ehtisham Ul Haq; R., Bashir, Rasheeda	among siblings in a consanguineous Pakistani family						
213.	H., Khalid, Huma; A., ul Haq, Atta; A., Fawad Zahoor, Ameer; A., Irfan, Ali; M.E.A., Zaki, Magdi A.	An investigation of Ca-doped MgO nanoparticles for the improved catalytic degradation of thiamethoxam pesticide subjected to visible light irradiation	2024	Scientific Reports	14	1		
214.	S., Zafar, Sara; Z., Hasnain, Zuhair; S., Danish, Subhan; M.L., Battaglia, Martin Leonardo; S., Fahad, Shah; M.J., Ansari, Mohammad Javed; S.A., Alharbi, Sulaiman Ali	Modulations of wheat growth by selenium nanoparticles under salinity stress	2024	BMC Plant Biology	24	1		
215.	U., Batool, Uzma; R., Nawaz, Rab; S.U., Ahmad, Sajjad U.; M.A., Irshad, Muhammad Atif; A., Irfan, Ali; A.R., Gaafar, Abdel	Physico- and phytochemical properties of Brassica juncea as affected by agroclimatic conditions	2024	Scientific Reports	14	1		

	Rhman; M.U., Arshad, Muhammad Umair; G.F., Wondmie, Gezahign Fentahun; M.M.N., Qayyum, Mir Muhammad Nasir; M., Bourhia, Mohamed							
216.	S., Ghafoor, Sadeen; W., Huo, Weidong; M., Wang, Man; Y., Geng, Yunjiang; M., Zulfiqar, Muhammad; M.U., Yousaf, Muhammad Usman	Unique types and innovation input of family firm CEOs: moderating role of managerial ability in Chinese listed firms	2024	Humanities and Social Sciences Communications	11	1		
217.	N., Atta, Nimra; M.S., Shahbaz, Muhammad Shahzad; F., Farhat, Fozia; M.F., Maqsood, Muhammad Faisal; U., Zulfiqar, Usman; N., Naz, Nargis; M.M., Ahmed, Muhammad Mahmood; N.U.,	Proline-mediated redox regulation in wheat for mitigating nickel- induced stress and soil decontamination	2024	Scientific Reports	14	1		

	Hassan, Naveed Ul; N., Mujahid, Nazoora; A.E.Z.M., Mustafa, Abd El Zehar M.A.							
218.	A., Hussain, Akhtar; T., Parveen, T.; M.S., Alsharafi, Mohammed Saad; H.U.M., Ahamd, Huda Uones Mohamd; T.F., Ibrahim, Tarek F.; M., Sallah, Mohammed	Dynamical behavior of solitons of the (2+1)-dimensional Konopelchenko Dubrovsky system	2024	Scientific Reports	14	1		
219.	M., Tahir Ul Qamar, Muhammad; F., Noor, Fatima; Y., Guo, Yixiong; X., Zhu, Xitong; L., Chen, Lingling	Deep-HPI-pred: An R-Shiny applet for network-based classification and prediction of Host-Pathogen protein-protein interactions	2024	Computational and Structural Biotechnology Journal	23		316	329
220.	S., Anwar, Samina; A., Liaqat, Anusha; A., Munir, Asma; M.F., Ashraf, Muhammad Faisal; S., Iqbal, Samina	Bioaugmentation of a novel bacterial consortium in cotton-planted soil for lambda-cyhalothrin degradation	2024	Pedosphere	34	6	1100	1110
221.	A., Usman, Ahmed; M., Bahmani-	IS THERE J-CURVE EFFECT in the	2024	Singapore Economic Review	69	7	2185	2205

	Oskoe, Mohsen; S., Anwar, Sofia; S., Ullah, Sana	TRADE between PAKISTAN and UNITED KINGDOM? ASYMMETRIC EVIDENCE from INDUSTRY LEVEL DATA						
222.	T.H., Bokhari, Tanveer Hussain; A., Naveed, Aniq; M.K.K., Khosa, Muhammad Kaleem Khan; A., ul Haq, Atta; M., Muneer, Majid; M., Iqbal, Mazhar; O.A., Mohammed, Osama A.; A.S., S Doghish, Ahmed Soliman; M.A., Abdel-Reheim, Mustafa Ahmed; M.A., Iqbal, Munawar Aqeel	By-product distribution and cytotoxicity assessment of ZnO-assisted photocatalytic degradation of reactive blue 250 dye	2024	Heliyon	10	22		
223.	M., Attiq, M.; M.S.A., Ahmad, Muhammad Sajid Aqeel; M.F., Ali, Moazam F.; A.K., Alvi, Ambreen Khadija; W., Rani, Wasifa; M.A., Iqbal, Muhammad Aamir;	EXOGENOUSLY APPLIED PROLINE MITIGATES ADVERSE EFFECTS OF SALT STRESS IN WHEAT (TRITICUM AESTIVUM)	2024	Applied Ecology and Environmental Research	22	6	5929	5947

	I.M., Al-Ashkar, Ibrahim M.; S.A., El, Sabagh A.	THROUGH DIFFERENTIAL MODULATION OF ANTI-OXIDATIVE DEFENCE SYSTEM AND OSMOLYTES ACCUMULATION						
224.	A.I., Bhutta, Aamir Inam; J., Sultan, Jahanzaib; M.F., Sheikh, Muhammad Fayyaz; M.U., Sajid, Muhammad Umar; R., Mushtaq, Rizwan	The performance of business groups during institutional transition and economic downturn in a developing country	2024	International Journal of Emerging Markets	19	11	4286	4305
225.	A., Mushtaq, Aqsa; M.N., Ahmad, Mirza Nadeem; A.F., Zahoor, Ameer Fawad; S., Kamal, Shagufta; K.G., Ali, Kulsoom Ghulam; J., Javid, Jamila; B., Parveen, Bushra; U., Nazeer, Usman; M.A., Bhat, Mashooq Ahmad	Design, CTAB-catalyzed ultrasound-assisted synthesis and tyrosinase inhibition potential of naphthofuran-triazole conjugates	2024	RSC Advances	14	50	3752 1	37538
226.	S., Abbas, Shakeel; T.H., Bokhari, Tanveer Hussain; Z., Abbas, Zahid; M.A., Siddiqui, Mahad Ahmed; S.,	Fe doped NiCo2O4@rGO nanosheets network boost electrochemical kinetics for high	2024	Journal of Energy Storage	102			

	Javed, Saqib; A., Zafar, Amina; S., Karim, Shafqat; H., Sun, Hongyu; S., Hussain, Shafqat; A., Khalid, Atia	energy density and stable asymmetric coin cell supercapacitor						
227.	N., Fatima, Nida; M., Usman, Muhammad; A., Yusaf, Amnah; T.H., Bokhari, Tanveer Hussain; N., Akram, Nadia; S., Rehman, Saima; S., Haider, Sajjad; M.N., Sadiq, Muhammad Nasir; M., Ahsan Bhatti, Muhammad; M.A., Cheema, Mohammad Arif	Unveiling the role of solubilization of metformin hydrochloride assimilated in nonionic surfactants mediated mixed micellar assemblies	2024	Colloids and Surfaces A: Physicochemical and Engineering Aspects	703			
228.	A., Shaheen, Abida; H.M., Waqas, Hassan M.; M.A., Imran., Muhammad Asjad; M., Raza, Mohsan; S., Rashid, Saima	The effects of thermal radiation and heat source/sink on the flow and heat transfer characteristics of a hybrid nanofluid over a vertical stretching cylinder: Regression analysis	2024	International Journal of Modern Physics B	38	29		

229.	S., Ali, Shehbaz; M., Arfan, Muhammad; A., Rani, Abida; M.A., Dar, Mudasir Ahmad; M., Noman, Muhammad; D., Zhu, Daochen	Policies to reduce and redesign the use of personal protective materials and other plastic materials under the COVID-19	2024				173	193
230.	A., Raza, Ahmad; A., Rani, Abida; M., Arfan, Muhammad; M.A., Dar, Mudasir Ahmad; M., Noman, Muhammad; S., Ali, Shehbaz	Impact of plastic packaging on waste accumulation and global tax regimes to mitigate the plastic pollution: Multifaceted crisis and sustainable solutions	2024				83	96
231.	A., Hadi, Abdul; M., Yaqoob, Muhammad; F., Hussain, Fahad; Y.M.S.A., Al-Kahraman, Yasser M.S.A.; M.S., Jan, Muhammad Saeed; A., Mahmood, Abid; W.T., Shier, Wayne Thomas; U., Rashid, Umer	Antileishmanial potential of thiourea-based derivatives: design, synthesis and biological activity	2024	RSC Advances	14	50	3713 1	37141
232.	M., Khalid Iqbal, Muhammad; B.,	The Impact of the Blood-Brain	2024	ACS Omega	9	46	4566 3	45672

	Khan, Bakhtawar; N., Hifsa, None; G., YuXuan, Ge; M., Mujahid, Muhammad; M.M., Kiyani, Mubin Mustafa; H., Khan, Hamid; S., Bashir, Shahid	Barrier and Its Dysfunction in Parkinson's Disease: Contributions to Pathogenesis and Progression						
233.	M.T., Aziz, Muhammad Tariq; W.A., Gill, Waqas Amber; M.K.K., Khosa, Muhammad Kaleem Khan; S., Jamil, Saba; M.R.S.A., Janjua, Muhammad Ramzan Saeed Ashraf	Adsorption of molecular hydrogen (H ₂) on a fullerene (C ₆₀) surface: insights from density functional theory and molecular dynamics simulation	2024	RSC Advances	14	49	36546	36556
234.	F., Ahmad, Fatima; H., Altaf, Humaira; A., Mubarik, Adeel; N., Rasool, Nasir; B., Parveen, Bushra; M.A., Imran, Muhammad Ali; G., Ahmad, Gulraiz	Facile Synthesis of (S)-2-Aryl-N-(1-phenylethylisonicotinamides) Derivatives via SMC Reaction: Their Thermodynamic and Spectroscopic Features via DFT Approach	2024	ChemistrySelect	9	43		
235.	A., Chaudhary, Aaifa; M., Usman,	Heavy-Metal Ions Control on PFAS	2024	Environmental Science and Technology	58	45	20235	20244

	Muhammad; W., Cheng, Wei; S.B., Haderlein, Stefan B.; J.F., Boily, Jean François; K., Hanna, Khalil	Adsorption on Goethite in Aquatic Systems						
236.	X., Zhu, Xitong; P., Sanz-Jimenez, Pablo; X., Ning, Xiaotong; M., Tahir Ul Qamar, Muhammad; L., Chen, Lingling	Direct RNA sequencing in plants: Practical applications and future perspectives	2024	Plant Communications	5	11		
237.	S., Ali, Skhawat; B., Ali, Basharat; I.A., Sajid, Imtiaz Ahmad; S., Ahmad, Shoaib; M.A., Yousaf, Muhammad Arslan; Z., Ulhassan, Zaid; K., Zhang, Kangni; S., Ali, Shafaqat; W., Zhou, Weijun; B., Mao, Bizeng	Synergistic effects of exogenous melatonin and zinc oxide nanoparticles in alleviating cobalt stress in Brassica napus: insights from stress- related markers and antioxidant machinery	2024	Environmental Science: Nano	12	1	368	387
238.	Vaishali; S., Sharma, Shubham; K., Bhatrola, Kanchna; A., Irfan, Ali; N., Devi, Nisha; K., Mishra, Kaushiki; K., Dubey, Khushali; A., Mittal,	Green synthesis of imidazoles: The catalytic efficacy of magnetic nanoparticles	2024	Tetrahedron	167			

	Ankit; E., Mateev, Emilio; V.K., Vinod Kumar Vashistha, Vinod Kumar							
239.	M., Gul, Mahvia; Z.K., Javaid, Zartashia Kynat; K., Khan, Kamran; H.A., Chaudhry, Husnain Ali	Improving healthcare for substance users: the moderating role of psychological flexibility on stigma, mental health, and quality of life	2024	International Journal of Human Rights in Healthcare	17	5	662	677
240.	M.H., Tahir, Mudassir Hussain; N.U.H., Khan, Naeem Ul Haq; K.M., Elhindi, Khalid Mohammed	Generation of Database of Polymer Acceptors and Machine Learning-Assisted Screening of Efficient Candidates	2024	International Journal of Quantum Chemistry	124	21		
241.	B., Parveen, Bushra; S., Shahzadi, Saira; S., Ali, Saqib; M., Feizi-Dehnayebi, Mehran; K.S., Munawar, Khurram Shahzad; M.A., Ashfaq, Muhammad Awais; M.N., Tahir,	Synthesis, spectral characterizations, computational studies and biological investigation of 4-(4-(2-hydroxyethyl)phe nylamino)-4-oxobutanoic acid	2024	Journal of Molecular Structure	1315			

	Muhammad Nawaz	and its trimethyltin(IV) complex						
242.	Z., Ishfaq, Zainab; L.A., Almutairi, Layla Awad; M.Y., Ali, Muhammad Yasir; S.H., Alrefaee, Salhah Hamed; M.A., Fahmy, Mohamed Abdelsabour; E.A., Shokralla, Elsammani Ali; L.G., Alharbe, Lamiaa G.; A., Ali, Adnan; A., Ashfaq, Arslan; A.R., Abd-Elwahed, A. R.	Enhanced surface functionalization of 2D molybdenum/tin chalcogenide nanostructures for effective SERS detection of Escherichia coli	2024	RSC Advances	14	47	3502 1	35034
243.	U., Noor, Umar; R., Sherin P K, Rislal; A., Sharif, Ammara; T., Ahmed, Toheed; M.U., Rahman, Mehboob Ur	Enhancing the electrochemical performance of supercapacitor electrodes using as-synthesized CuO and MOF-derived CuO nanostructures	2024	Nanotechnology	35	45		
244.	M., Aamir, Muhammad; A.S., Alhegaili, Alaa Saud; U.A., Ashfaq, Usman Ali; N., Aslam, Nosheen;	Therapeutic potential of Solanum surattense against hepatitis C virus in liver	2024	Pakistan Journal of Pharmaceutical Sciences	37	6	1545	1564

	B., Ijaz, Bushra	hepatoma cells						
245.	Z.H., Nawaz, Zahid H.; K.M., Elhindi, Khalid Mohammed; M.I., Arshad, Muhammad Imran; S., Mumtaz, Sohail; N., Amin, Nasir	Study of structural and electrical properties of Cd+2 doped Mn-Zn ferrites synthesized by co-precipitation method	2024	Journal of Ovonic Research	20	6	867	878
246.	T., Ishaq, Tehmeena; R., Naeem, Rabia; A., Qayyum, Ayesha; M.U., Yousaf, Maryam Usman; Z., Ehsan, Zainab; A.A., Al-Mutairi, Aamal A.; A., Irfan, Ali; S.A., Alâ€™Hussain, Sami A.; R., Nawaz, Rab; M.E.A., Zaki, Magdi Eâ€™ A.	Recent developments in carbon nitride for enhanced photocatalytic carbon dioxide reduction: A review	2024	Journal of Saudi Chemical Society	28	6		
247.	K., Ilyas, Kainat; K., Rehman, Kanwal; H., Iqbal, Hajra; A., Hussain, Amjad; M.S.H., Akash, Muhammad Sajid Hamid; M., Shahid, Mudassar; B., Sadaf, Bushra	Metabolomic Analysis and Biochemical Profiling of Cadmium-Induced Metabolic Impairment and Its Amelioration by Resveratrol	2024	Bioengineering	11	11		

248.	A., Ali, Akhtar; M.Y., Ali, Muhammad Yasir; M., Hussain, Majid; I., Ali, Irfan; A., Fenta, Amsalu	The influence of thermophoresis and Brownian motion on maxwell nanofluids utilizing Cattaneo- Christov double diffusion theory	2024	Advances in Mechanical Engineering	16	11		
249.	N., Ameer, Nabeela; M.S., Hanif, Muhammad Shahid; G., Abbas, Ghulam; M., Azeem, Muhammad; K., Mahmood, Khalid; D.E., Shahwar, Dure E.; A., Khames, Ahmed; E.M., Eissa, Essam Mohamed; B., Daihom, Baher	Treatment of Inflammatory Bowel Disease by Using Curcumin- Containing Self- Microemulsifying Delivery System: Macroscopic and Microscopic Analysis	2024	Pharmaceutics	16	11		
250.	Z.H., Nawaz, Zahid H.; K.M., Elhindi, Khalid Mohammed; N., Amin, Nasir; M., Akhtar, Maria; S., Mumtaz, Sohail; M.I., Arshad, Muhammad Imran	Synthesis and dielectric evaluations of Er doped Mg-Mn-Cr ferrites	2024	Journal of Ovonic Research	20	6	793	802
251.	A., Haider, A.; Z.,	Lumpy Skin	2024	Veterinary Sciences	11	11		

	Abbas, Zaheer; A.K., Taqveem, Ahsen K.; A., Ali, Abid; M., Khurshid, Mohsin; R.F., El-Naggar, R. F.; M.A., Rohaim, M. A.; M.T., Munir, Muhammad Tanveer	Disease: Insights into Molecular Pathogenesis and Control Strategies						
252.	Y.M., Alanazi, Yousef Mohammed; M.I., Arshad, Muhammad Imran; N., Amin, Nasir; N.U., Khan, N. U.; N., Sabir, Nadeem; M.A., Naveed, M. A.; A., Saleem, Ammara; S., Mumtaz, Sohail; M.A.U., Nabi, Muhammad Ajaz Un	Improved structural and dielectric traits of Cd-Zn spinel ferrites by co-substitution of La ³⁺ and Er ³⁺ cations	2024	Journal of Ovonic Research	20	6	803	811
253.	H., Zhang, Hanwen; W., Zhang, Wenxiang; Y., Pan, Yu; H., Li, Honghuan; T., He, Tao; Q., Dong, Qianqian; W., Song, Wenyan; W., Zhang, Wenya; L.,	Evolutionary Dynamics and Pathogenicity Analysis of Feline Panleukopenia Virus in Xinjiang, China	2024	Microorganisms	12	11		

	Zhang, Liyan; K., Kareem, Kashaf							
254.	S., Zulfqar, Sukana; Z.M., Elgamal, Zenab Mohamed; M.A., Zia, Muhammad Azam; A., Razzaq, Abdul; S., Ullah, Sami; H., Dawood, Hussain	ACT-FRCNN: Progress Towards Transformer-Based Object Detection	2024	Algorithms	17	11		
255.	A., Muhammad, Ali; D., Shangguan, Donghui; G., Rasool, Ghulam; A.A., Khan, Amjad Ali; A.Q., Butt, Asim Qayyum; A., Hussain, Ayesha; M.A., Mukhtar, Muhammad Ahsan	A Localized Evaluation of Surface Water Quality Using GIS-Based Water Quality Index along Satpara Watershed Skardu Baltistan, Pakistan	2024	ISPRS International Journal of Geo-Information	13	11		
256.	F., Mujahid, Fatima; M.H., Rasool, Muhammad Hidayat; M., Shafiq, M.; B., Aslam, B.; M., Khurshid, Mohsin	Emergence of Carbapenem-Resistant Uropathogenic Escherichia coli (ST405 and ST167) Strains Carrying blaCTX-M-15, blaNDM-5 and Diverse Virulence Factors in Hospitalized Patients	2024	Pathogens	13	11		
257.	H.M., Tauqeer,	Induced	2024	Minerals	14	11		

	Hafiz Muhammad; K., Lewinska, Karolina; M., Umar, Muhammad; F., Mahmood, Faisal; T., Shahzad, Tanvir; F., Sagheer, Faiqa; H., Sajid, Hina; I., Chaudhary, Iqra; M.U., Iqbal, Muhammad Usman	Phytomanagement of Multi-Metal Polluted Soil with Conocarpus erectus Supported by Biochar, Lignin, and Citric Acid						
258.	M.A., Ali, Muhammad Abid; A.R., Bhatti, Abdul Rauf; M., Farhan, Muhammad; A., Rasool, Akhtar; A.A.Y., Ali, Ahmed Abdi Yusuf	AI-optimization operation of biomass-based distributed generator for efficient radial distribution system	2024	International Journal of Renewable Energy Development	13	6	1044	1057
259.	A., Parveen, Abida; M., Atif, Muhammad; F., Akhtar, Faiza; S., Perveen, Shagufta; S., Zafar, Sara; K., Hafeez, Khadija; N., Yasmeen, Nadia	Elucidating the protective role of manganese seed priming in mitigating lead-induced oxidative stress: enhancements in growth, grain yield, and antioxidant activities of wheat	2024	Environmental Science and Pollution Research	31	55	64228	64247
260.	L.G., Alharbe,	Enhanced	2024	Journal of Materials Science: Materials in	35	31		

	Lamiaa G.; M.Y., Ali, Muhammad Yasir; R.S.A., Almufarij, Rasmiah Saad A.; I.M., Ragab, Islam M.; E., Gazo-Hanna, Eddie; S.H., Alrefaee, Salhah Hamed; M.A., Fahmy, Mohamed Abdelsabour; R.R., Macadangdang, R. R.; M.M.S., H.-E, M. Musa Saad; A., Ali, Adnan	thermoelectric power factor in BiSnTe alloy thin films via post-annealing: a structural and electrical study		Electronics				
261.	H.H., Iqbal, Hafiza Hira; A., Qadir, Abdul; S.R., Ahmad, Sajid Rashid; M.A., Riaz, Muhammad Ahsan; A., Riaz, Ayesha; N., Shahid, Naeem; M., Arslan, Muhammad	Residual Assessment of Emerging Pesticides in Aquatic Sinks of Lahore, Pakistan	2024	Sustainability (Switzerland)	16	21		
262.	Y., Zhang, Yuxi; Q., Ali, Qamar	Socio-economic determinants of sustainable tourism and their nexus with energy, environment, and economy (3ES): A	2024	Energy Strategy Reviews	56			

		panel data analysis						
263.	M.S., Hussain, Muzzamal Shujaat; Āž., ĀžimĀžek, Āženay	Impact of Ferulated Arabinoxylans from Maize Bran on Farinograph and Pasting Properties of Wheat Flour Blends	2024	Foods	13	21		
264.	A., Nazir, Anum; M.U., Mehr-un-Nisa, Mahrun Un; M.A., Rahim, Muhammad Abdul; I.A., Mohamed, Isam A.; M.O., Aljobair, Moneera Othman	Spirulina Unleashed: A Pancreatic Symphony to Restore Glycemic Balance and Improve Hyperlipidemia and Antioxidant Properties by Transcriptional Modulation of Genes in a Rat Model	2024	Foods	13	21		
265.	Z., Hussain, Zaryab; M.A., Binyamin, Muhammad Ahsan; M.K., Jamil, Muhammad Kamran; A.S.M., Metwally, Ahmed Sayed Mohammed; A., Aslam, Adnan	Analyzing the modified symmetric division deg index: mathematical bounds and chemical relevance	2024	Physica Scripta	99	11		

266.	T., Ashraf, Tahreem; N., Idrees, Nazeran; M.B., Belay, Melaku Berhe	Regression analysis of topological indices for predicting efficacy of Alzheimer's drugs	2024	PLOS ONE	19	11		
267.	T., Sana, Tahseen; M., Alkanhal, Majeed; A., Ali, Ahtisham; H., Ullah, Hafeez; A., Ghaffar, Abdul; Y., Khan, Yasink; M.Z., Yaqoob, Muhammad Zeshan	Thermally tunable phonon-plasmon polariton modes at hexagonal boron nitride (hBN) and indium antimonide (InSb) interfaces	2024	Journal of Optics (United Kingdom)	26	11		
268.	A., Islam, Amjad; L., Liu, Lishan; W., Chen, Wenbin; J., Li, Jiayu; A., Ullah, Aman; K., Javaid, Kashif; M.A., Imran, Muhammad A.; L., Dang, Li; M.D., Li, M. D.	Ultrafast dynamics and electroluminescence performance of a novel tetraphenylethylene-based aggregation induced emission luminogen	2024	Optical Materials	157			
269.	M.T., Qamar, Muhammad Tariq; A., Bahadur, Ali; S., Iqbal, Shahid; A., Zidan, Ammar; S., Mahmood, Sajid;	Enhanced thermal stability and mechanical performance of epoxy resin with amine-	2024	Journal of Polymer Research	31	11		

	D., Ahmed, Dildar; N., Akram, Nadia; H., Abid, Hina; M.A., Qayyum, Muhammad Abdul; N.S., Awwad, Nasser Sayed	terminated aromatic amide oligomer: unveiling the ring-opening curing phenomenon						
270.	M.A., Basit, Muhammad Abdul; M.A., Imran., Muhammad Asjad; W.W., Mohammed, Wael W.; M.R., Ali, Mohamed R.; A.S., Hendy, A. S.	Thermal analysis of mathematical model of heat and mass transfer through bioconvective Carreau nanofluid flow over an inclined stretchable cylinder	2024	Case Studies in Thermal Engineering	63			
271.	A., Ashfaq, Arslan; S.M., Alghamdi, Shoug Mohammad; E.A., Shokralla, Elsammani Ali; M.M., Saad H-E, M. Musa; U., Ur Rehman, Ubaid; H.M.A., Albalawi, Hind Mohammed A.; Z., Bayhan, Zahra; S., A Alsalhi, Sarah	Numerical optimization of inorganic p- Sb2Se3/n-ZrS2 heterojunction solar cells: achieving high efficiency through SCAPS- 1D simulation	2024	Physica Scripta	99	11		
272.	M.K., Irshad, Muhammad Kashif;	Seed priming with Fe3O4-SiO2	2024	Ecotoxicology and Environmental Safety	286			

	J.R., Ansari, Jamilur R.; A., Noman, Ali; W., Javed, Wasim; J., Lee, Jong-cheol; M.T., Aqeel, Muhamamd Tahir; M., Waseem, M.; S., Lee, Sang-soo	nanocomposites simultaneously mitigate Cd and Cr stress in spinach (<i>Spinacia oleracea</i> L.): A way forward for sustainable environmental management						
273.	D., Zahra, Duaa; Z., Shokat, Zeeshan; M.A., Sufyan, Muhammad Abu; Z., Chaudhary, Zunera; U.A., Ashfaq, Usman Ali	Exploring the potential of chitosan polyherbal hydrogel loaded with AgNPs to enhance wound healing A triangular study	2024	International Journal of Biological Macromolecules	281			
274.	W.A., Khan, Waqas Ahmad; M., Inam-Ur-Raheem, Muhammad; H., Rasheed, Hina; M.A., Butt, Muhammad Abdullah; F., Saeed, F.; M.S., Afzaal, Muhammad Sohail; F., Ahmed, Faiyaz; N., Akram, Noor; A., Asghar, Aasma; G.G., Hailu, Gebremichael	Comparative effect of olive oil and flaxseed oil on drug induced hepatotoxicity in rats	2024	Food Science and Nutrition	12	11	9673	9681

	Gebremedhin							
275.	M.U., Ijaz, Muhammad Umar; S., Najam, Saira; A., Hamza, Ali; R., Azmat, Rabia; A., Ashraf, Asma; J.O., Unuofin, Jeremiah Oshiomame; S.L., Lebelo, Sogolo Lucky; J., Simal-Gandara, Jesus	Corrigendum to "Pinostrobin alleviates testicular and spermatological damage induced by polystyrene microplastics in adult albino rats" [Biomed. Pharmacother. 162 (2023) 114686] (Biomedicine & Pharmacotherapy (2023) 162, (S0753332223004742), (10.1016/j.biopha.2023.114686))	2024	Biomedicine and Pharmacotherapy	180			
276.	A., Rebi, Ansa; G., Wang, Guan; T., Yang, Tao; J., Kanomanyanga, Jasper; I., Ejaz, Irsa; A., Mustafa, Adnan; M.S., Rizwan, Muhamamd Shahid; Z., Jinxing, Zhou	Stoichiometric and bacterial eco-physiological insights into microbial resource availability in karst regions affected by clipping-and-burning	2024	Journal of Environmental Management	370			
277.	Y., Alhaj Hamoud, Yousef; M., Zia-Ur-	Comparative effects of micron-	2024	Environmental Technology and Innovation	36			

	Rehman, Muhammad; I.A., Mian Kakakhel, Ishaq A.; M., Usman, Muhammad; M.S., Rizwan, Muhamamd Shahid; H., Shaghaleh, Hiba; G., Mohiuddin, Ghulam; Y.M., Alzahrani, Yahya M.; H.F., Alharby, Hesham Fasial; H., Alsamadany, Hameed	sized silicon sources and Si nanoparticles on growth, defense system and cadmium accumulation in wheat (<i>Triticum aestivum</i> L.) cultivated in Cd contaminated soil						
278.	N., Habib, Noman; S., Adeel, Shahid; M.K., Ibrahim, Muhammad Khalid; F.U., Rehman, Fazal Ur; M., Naveed, Muhammad; A., Ali, Aamir; R., Mia, Rony; R., Mansour, Rym	Eco-friendly ultrasonic-assisted appraisal of herbal-based yellow natural colorant for silk dyeing	2024	Energy Science and Engineering	12	11	5061	5077
279.	D.A., Baird, Daniel A.; H., Mubeen, Hira; C., DoÇŞanlı, Canan; J.B., Miltenburg, Jasmijn B.; O.K.,	Rare homozygous cilia gene variants identified in consanguineous congenital heart disease patients	2024	Human Genetics	143	11	1323	1339

	Thomsen, Oskar Kaaber; Z., Ali, Zafar; T., Naveed, Tahir; A.U., Rehman, Asif Ur; S.M., Baig, Shahid Mahmood; S.T., Christensen, SÅ¶ren Tvorup							
280.	H., Waheed, Hammad; K., Javaid, Kashif; A., Ali, Adnan; K., Mahmood, Khalid; M.I., Arshad, Muhammad Imran; N., Amin, Nasir; M., Amami, Mongi; S.A.A., Aldulmani, Sharah Ali A.; Z.U., Mustafa, Zia Ul; U.A., Shehzad, Umair Aslam	Band alignment engineering of p-Ge/n-Si heterojunction for low cost tandem solar cell applications	2024	Optical Materials	157			
281.	M.U., Ijaz, Muhammad Umar; I., Hasan, Ikram; Z., Jiang, Zhiru; Z., Ullah, Zia; B., Aslam, B.; M., Khurshid, Mohsin; Y., Sun, Yansun; B., Guo, Bing	Combinatory Immunotherapy for Glioblastoma Treatment	2024	Advanced Therapeutics	7	11		
282.	M.U., Ijaz, Muhammad Umar;	From promise to progress: the	2024	Drug Discovery Today	29	11		

	Z., Ullah, Zia; B., Aslam, B.; M., Khurshid, Mohsin; P., Chen, Pengfei; B., Guo, Bing	dynamic landscape of glioblastoma immunotherapy						
283.	I., Rafique, Iqra; T., Maqbool, Tahir; S.K., Rizvi, Shakera Khatoon; S., Tariq, Saima; M., Saifullah, Muhammad	Exploring the in-vitro anti-diabetic and anti-bacterial potential of a bromothiophene pyrazolo-pyridine derivative and its complex for radiopharmaceutical applications	2024	Journal of Radioanalytical and Nuclear Chemistry	333	11	5899	5914
284.	A., Shahzad, Asif; Z., Teng, Zhuoran; M.A., Yameen, Muhammad Arfat; W., Liu, Wenjing; K., Cui, Kun; X., Liu, Xiangjie; Y., Sun, Yijian; Q., Duan, Qiuxin; J., Xia, Jiaojiao; Y., Dong, Yurong	Innovative lipid nanoparticles: A cutting-edge approach for potential renal cell carcinoma therapeutics	2024	Biomedicine and Pharmacotherapy	180			
285.	H., Ayub, Hudda; M., Islam, Mahad; M., Saeed, Munnaza; H., Ahmad, Husnat; F., Al-Asmari, Fahad; M.F., Ramadan, Mohamed Fawzy;	On the health effects of curcumin and its derivatives	2024	Food Science and Nutrition	12	11	8623	8650

	M., Alissa, Mohammed; M.A., Arif, Muhammad Adnan; M.U.J., Rana, Muhammad Umair Jamil; M., Subtain, Muhammad							
286.	B., Ding, Baopeng; H., Hu, Haifei; Y., Cao, Yunpeng; R., Xu, Ruirui; Y., Lin, Yujing; T.U.Q., Muhammad, Tahir Ul Qamar; Y., Song, Yuqin; G., He, Guangqi; Y., Han, Youzhi; H., Guo, Huangping	Pear genomes display significant genetic diversity and provide novel insights into the fruit quality traits differentiation	2024	Horticultural Plant Journal	10	6	1274	1290
287.	A., Mughees, Abdullah; N., Mughees, Neelam; A., Mughees, Anam; S.A., Mohsin, Syed Ali; K., Ejsmont, Krzysztof	Enhancing stability and position control of a constrained magnetic levitation system through optimal fractional-order PID controller	2024	Alexandria Engineering Journal	107		730	746
288.	M.F.B., Mfarrej, Manar Fawzi Bani; S., Javed, Sadia; R.S., Almeer, Rafa S.; R., Alsaidalani, Rawidh; M.S.,	Phosphorus sources enhance barley growth and mitigate lead stress via antioxidant	2024	South African Journal of Botany	174		138	151

	Kamel, Mohamed S.; M.H., Saleem, Muhammad Hamzah; S., Ali, Shafaqat	responses, proline metabolism, and gene expression						
289.	A.W., Khan, Abdul Waheed; U., Roobab, Ume; Z., Wang, Zhaomei; M.M., Raza, Muhammad Mohsin; H., Nawazish, Hira; F., Islam, Fakhar; R.M., Aadil, Rana Muhammad	Salt reduction in food products: A systematic review of clean-label ingredients and non-thermal technologies	2024	Trends in Food Science and Technology	153			
290.	S., Khola Tazeen, Syeda; M.B.K., Niazi, Muhammad Bilal Khan; M., Abdulaziz Binobead, Manal; T., Ahmed, Temoor; M.S., Shahid, Muhammad Shafiq	Characterization and toxicity evaluation of chitosan/ZnO nanocompoite as promising nano-biopolymer for treatment of synthetic wastewater	2024	Journal of King Saud University - Science	36	10		
291.	A.S., Shankar, Amar S.; A., Ali, Abid; H.M., Abdullah, Hafiz Muhammad; J., Balaji, Jadhav; J., Kaur, Jaspreet; F., Saeed, F.; M., Wasiq,	Nutritional composition, phytochemical profile, therapeutic potentials, and food applications of rosemary: A	2024	Journal of Food Composition and Analysis	135			

	Muhammad; A., Imran, Ali; H., Jibraeel, Hafiz; M.S., Raheem, Muhammad Shameel	comprehensive review						
292.	M.S., Shazil, Muhammad Shareef; S., Ahmad, Sheharyar; S.A., Mahmood, Syed Amer; S.A.A., Naqvi, Syed Ali Asad; S., Purohit, Sanju; A., Tariq, Aqil	Spatio-temporal analysis of hydrometeorolog ical variables for terrestrial and groundwater storage assessment	2024	Groundwater for Sustainable Development	27			
293.	S., UrRehman, Shafiq; M., Laraib, Mubashra; T., Shahzadi, Tania; S., BiBi, Shamsa; S.G., Khan, Samreen Gul; R., Jia, Ran	Designation of efficient diketopyrrolopyrr ole based non- fullerene acceptors for OPVs: DFT study	2024	Materials Chemistry and Physics	327			
294.	A.A., AlObaid, Abeer A.; M.N., Anjum, Muhammad Naeem; R.T., Rasool, Raziqa Tur; S., Gulbadan, Shagufta; Z., Javed, Zeshan; M., Junaid, Muhammad; F., Ur Raheem, Faseeh;	Insight into the structure, spectroscopic, Raman, photo luminance and electrical properties Cd substituted Ba ²⁺ Zn R-type hexaferrites	2024	Materials Chemistry and Physics	327			

	K., Mahmood, Khalid; M.A., Khan, Muhammad Azhar							
295.	G., Abbas, Ghulam; S.M., Alay-E-Abbas, Syed Muhammad; J.A., Larsson, John Andreas; Y., Shi, Yijun	Corrigendum to “First principles insights into triboelectrification during solid-solid contact: The curious case of 2D MXenes and aluminum” (Nano Energy (2024) 129(PB), (S2211285524008462), (10.1016/j.nanoen.2024.110096))	2024	Nano Energy	130			
296.	J.S., Algethami, Jari S.; M.K., Ibrahim, Muhammad Khalid; W., Javed, Wasim; E.H., Alosaimi, Eid Hamed; M.K., Irshad, Muhammad Kashif	Efficacy of Fe-BC in enhancing growth, photosynthesis, nutrition, and alleviating the toxicity of Cd and Cr in rapeseed (Brassica napus L.): A tool for managing the environment and attaining sustainable agriculture	2024	Environmental Technology and Innovation	36			

297.	A., Al-Zubaidi, Abdou; M., Nazeer, Mubbashar; Z., Zafar, Zareen; Z., Ali, Zulfiqar; R., Katta, Ramesh	Comprehensive analysis of thermal radiation and viscous dissipation impacts on fluid-particle suspension of Rabinowitsch fluid through a uniform horizontal tube	2024	Multiscale and Multidisciplinary Modeling, Experiments and Design	7	6	5933	5945
298.	A.I., Ahmad, Awais I.; A.E., Noor, Arsh E.; A.W., Anwar, Aneela W.; S.S., Majeed, Saadat S.; S., Khan, Safia; Z., Ul-Nisa, Zaib; S., Ali, Shafaqat; L., Gnanasekaran, Lalitha; S.K., Saravanan Rajendran, Saravanan Kumar; H., Li, Hu	Support based metal incorporated layered nanomaterials for photocatalytic degradation of organic pollutants	2024	Environmental Research	260			
299.	L., Gulnar, Lubna; S., Masood, Summyia; W., Asad, Wajeeha; A., Rasul, Azhar; Z., Subhani, Zinayyera; W., Rehman, Warda	Preparation and characterization of poly (vinyl alcohol) (PVA)/basmati rice starch (BRS) blend films cross-linked with	2024	Polymer Bulletin	81	16	1506 5	15097

		aliphatic and aromatic carboxylic acids for food preservation and packaging						
300.	S., Islam, Sana; A., Mansha, Asim; S., Asim, Sadia	Effects of Metal Ions and Substituents on HOMOâ€“LUMO Gap Evident from UVâ€“Visible and Fluorescence Spectra of Anthracene Derivatives	2024	Journal of Fluorescence	34	6	2495	2512
301.	Z., Riaz, Zainab; M.S., Hussain, Muhammad Shahzad; S., Parveen, Shakeela; M., Sultana, Mehwish; S., Saeed, Saba; U., Ishaque, Urwah; Z., Faiz, Zunaira; M.H., Tayyab, Muhammad Haleem	In Silico Analysis: Genome-Wide Identification, Characterization and Evolutionary Adaptations of Bone Morphogenetic Protein (BMP) Gene Family in Homo sapiens	2024	Molecular Biotechnology	66	11	3336	3356
302.	S., Noreen, Sobia; A., Mansha, Asim; S., Asim, Sadia	Investigating the Use of Coumarin Derivatives as Lasers	2024	Journal of Fluorescence	34	6	2437	2449
303.	M.Z.U.H., Arsalan,	Effect of Moringa	2024	Pakistan Journal of Zoology	56		3277	3283

	Muhammad Zubair Ul Hassan; S.M., Hussain, Syed Makhdoom; B., Ali, Basharat; B., Ahmad, Bilal; M., Qurban, Muhammad; A., Naeem, Adan; E.M.A., Naeem, E. M.A.; T., Rasheed, Tariq	oleifera Leaf Meal on Mineral Contents of Labeo rohita Fingerlings						
304.	U., Saleem, Usama; M., Asrar, Muhammad; F., Jabeen, Farhat; S.M., Hussain, Syed Makhdoom; D., Hussain, Dilbar	Determination of insecticidal potential of selected plant extracts against fall armyworm (Spodoptera frugiperda) larvae	2024	Heliyon	10	20		
305.	M.U., Qasim, Muhammad Uzair; W., Islam, Waqar; M., Rizwan, Muhammad; D., Hussain, Dilbar; A., Noman, Ali; K.A., Khan, Khalid Ali; H.A., Ghramh, Hamed A.; X., Han, Xiaoqiang	Impact of plant monoterpenes on insect pest management and insect-associated microbes	2024	Heliyon	10	20		
306.	A., Kiran, Ayesha; S., Hussain, Shabbir; I., Ahmad,	Green synthesis of NiO and NiO@graphene	2024	Heliyon	10	20		

	Israr; M.S., Imran, Muhammad Saeed; M., Saqib, Muhammad; B., Parveen, Bushra; K.S., Munawar, Khurram Shahzad; W., Mnif, Wissem; M.M., Al Huwayz, Maryam M.; N.M., Alwadaï, Norah Muhammad	oxide nanomaterials using Elettaria cardamomum leaves: Structural and electrochemical studies						
307.	Bisma; S., Adeel, Shahid; F., Ur-Rehman, Fazal; A., Haji, Aminoddin; M.A., Tahir, Muhammad Asif; R., Mia, Rony; M.A., Imran., Muhammad Asjad	Green extraction of colorants from achiote seeds for dyeing mordanted nylon fabric	2024	Surface Innovations	13	1	21	30
308.	M., Muzammal, Muhammad; M., Awan, Mahnoor; A., Mukhtar, Adeela; M.M., Mohsin, Muhammad Mubeen; M.A., Qamar, Muhammad Azam	Graphene-Based Nanomaterials are a Potent and Innovative Technology for the Treatment of Cancer: A Review	2024	ChemistrySelect	9	40		
309.	A., Mushtaq, Aqsa; A.F., Zahoor, Ameer Fawad;	Accessing the synthesis of natural products	2024	RSC Advances	14	45	3353 6	33567

	M.N., Ahmad, Mirza Nadeem; S.G., Khan, Samreen Gul; N., Akhter, Naheed; U., Nazeer, Usman; A., Mansha, Asim; H., Ahmad, Hamad; A.R., Chaudhry, Aijaz Rasool; A., Irfan, Ahmad	and their analogues enabled by the Barbier reaction: a review						
310.	F., Ghouri, Fozia; M.J., Shahid, Munazzam Jawad; S., Ali, Shafaqat; H., Ashraf, Humera; S.O., Alomrani, Sarah Owdah; J., Liu, Jingwen; M.A., Alshehri, Mohammed Ali; S., Fahad, Shah; M.Q., Shahid, Muhammad Qasim	Tetraploidy and Fe ₂ O ₃ nanoparticles: dual strategy to reduce the Cd-induced toxicity in rice plants by ameliorating the oxidative stress and downregulation of metal transporters	2024	Environmental Science: Nano	12	1	634	646
311.	S., Zareen, Sobia; S., Bashir, Sajid; H.M.A., Shahzad, Hafiz Muhammad Aamir; M., Kashif, Muhammad; G., Ren, Guogang	Direct and Indirect Effects for Radiosensitization of Gold Nanoparticles in Proton Therapy	2024	Radiation Research	202	5	795	806
312.	M., Ahsan Ali, M.; A.S., Farid, A. S.; A., Rasheed, Abdur;	Synthesis and electrochemical properties of	2024	Journal of Electroanalytical Chemistry	971			

	M., Yousaf, Misbah; A.M., Alfares, Abdulgafor M.; N., Ayub, Noman; I.A., Khan, Ijaz Ahmad; M.A., Ghanem, Mohamed A.; F., Marken, Frank	microcanals Mg-S-Cu-S as an electrode material for energy storage applications						
313.	S., Saqib, Sidra; A., Muneer, Amna; R., Munir, Ruba; M., Sayed, Murtaza; M., Waqas, Muhammad; T., Aliyam, Tayyiba; F., Younas, Fazila; M.A., Farah, Mohammad Abul; M.F., Elsadek, Mohamed Farouk; S., Noreen, Saima	Green hybrid coagulants for water treatment: An innovative approach using alum and bentonite clay combined with eco-friendly plant materials for batch and column adsorption	2024	Environmental Research	259			
314.	S.M., Alghamdi, Shoug Mohammad; R.S.A., Almufarij, Rasmiah Saad A.; S.A., Tahir, Sofia Akbar; M., Khalil, Maria; R.R., Macadangdang, R. R.; M.A., Fahmy, Mohamed Abdelsabour; W.,	Optimizing inorganic SnS/ZrS2 heterojunction solar cells: Numerical analysis and performance insights	2024	Solid State Communications	390			

	Ahmad, Waqas; S., Mushtaq, Shammash; A., Ashfaq, Arslan; A.R., Abd-Elwahed, A. R.							
315.	U., Arshad, Uzma; N., Shafiq, Nusrat; M., Rashid, Maryam; S., Parveen, Shagufta	Spectroscopic analysis and thermodynamic investigation of Newly Synthesized Novel dihydro-pyrimidine derivatives by using DFT (B3LYP) calculations	2024	Journal of Molecular Structure	1314			
316.	E., Rashid, Eram; S.M., Hussain, Syed Makhdoom; S., Ali, Shafaqat; K.A., Al-Ghanim, Khalid Abdullah; P.K., Sarker, Pallab Kumer	Toxicological consequences of polystyrene microplastics on Cirrhinus mrigala: effects on growth, body composition, nutrient digestibility, haematology and histopathology	2024	Marine and Freshwater Research	75	15		
317.	K., Arif, Khadija; M., Ans, Muhammad; A.R., Ayub, Ali Raza; Z., Naseem, Zubera;	Optoelectronic and Nonlinear Optical Behavior of Corner-Functionalized	2024	ChemistrySelect	9	38		

	R., Arif, Rameesa; N., Mumtaz, Nida; Salba; J., Iqbal, Javed	Borophene Derivatives and Composites Doped with Polyaniline						
318.	M.F., Nawaz, Muhammad Furqan; S., Hayat, Sofia; U., Farooq, Umer; M.A., Iqbal, Muhammad Adnan; S.H., Khalid, Syed Haroon; T., Nee, Tanwen; K.Y., Khaw, Kooi Yeong; R., Munir, Rabia; M.U., Ijaz, Muhammad Umar	Development of N-alkylated benzimidazole based cubosome hydrogel for topical treatment of burns	2024	RSC Advances	14	44	32008	32020
319.	M.N., Shahid, Muhammad Naeem	Connectedness of global energy markets with global agricultural, natural resources, and socially responsible investments using extended GFI	2024	Journal of Financial Economic Policy	16	5	601	625
320.	M., Yousaf, Misbah; A., Rasheed, Abdur; A.S., Farid, A. S.;	Electrochemical properties of binder-free micro-	2024	Journal of Energy Storage	99			

	I.A., Khan, Ijaz Ahmad; M.A., Ghanem, Mohamed A.; F., Marken, Frank	blocks/sheets-based cadmium-nickel-sulfide electrode materials for portable energy storage applications						
321.	Z., Islam, Ziaul; M., Ikram, Muhammad; S., Naz, Shabana; A., Sultan, Asad; K., Khan, Kamran; I.A., Alhidary, Ibrahim Abdullah; R.P., Tiwari, Ruchi P.; R.U., Khan, Rifat Ullah	Effect of selenium-enriched yeast diet on performance, biochemistry, and selenium concentration in meat and egg contents of laying Japanese quails	2024	Archives Animal Breeding	67	4	493	502
322.	M.A., Bari, Md Abdul; S.A., Elsherbeni, Salma A.; T., Maqbool, Tahir; D.E., Latham, Daniel E.; E.B., Gushlow, Edward B.; E.J., Harper, Emily J.; L.C., Morrill, Louis C.	Iron-Catalyzed Transfer Hydrogenation of Allylic Alcohols with Isopropanol	2024	Journal of Organic Chemistry	89	19	1457 1	14576
323.	A., Akram, Aasma; M., Altaf, Muhammad; T.B., Yousaf, Talha Bin;	Experimental overview of nanoferrites: synthesis,	2024	Materials Research Express	11	10		

	A.A., Hussain, Abdul Ahad; F.H., Alsultany, Forat H.; M., Ishaq, Mubashera; B.M., Saadi, Basim Mohammed; D.I., Saleh, Dalia I.	characterization and performance evaluation in wastewater treatment						
324.	M.S.H., Akash, Muhammad Sajid Hamid; A., Afzaal, Ammara; K., Rehman, Kanwal; A., Hussain, Amjad; M.K., Ibrahim, Muhammad Khalid; S.M., Shoaib, Syed Muhammad; M., Shahid, Mudassar; B., Sadaf, Bushra	Identification of Secondary Metabolites of Cyperus rotundus L. and Dose-dependent Effects on Antioxidant Activity and Carbohydrate Digestion Enzymes	2024	Dose-Response	22	4		
325.	H., Fatima, H.; F., Jabeen, Farhat; T., Raza, Tehreem; M.H., Raza, Muhammad Haris; S., Zafar, Saima; A.S., Chaudhry, A. Sh	Copper nanoparticles induced oxidative stress and tissue integrity in gills and brain of Cyprinus carpio	2024	International Journal of Aquatic Research and Environmental Studies	4	2	53	68
326.	S.M., Hussain, Syed Makhdoom; M., Noor, Maira; S., Ali, Shafaqat; F., Khurram, Fatima;	STUDY ON EFFECT OF CHENOPODIUM QUINOA ON GROWTH	2024	Journal of Animal and Plant Sciences	34	5	1239	1248

	A.I., Hussain, A. I.; M.Z.U.H., Arsalan, Muhammad Zubair Ul Hassan; N., Ahmad, Nisar; D., Riaz, Danish	PERFORMANCE, CARCASS COMPOSITION AND ANTIOXIDANT ACTIVITY OF OREOCHROMIS NILOTICUS AND CYPRINUS CARPIO						
327.	K.A., Alsatami, Khalid A.; H., Ali, Haidar; B., Ali, Bilal; P., Ali, Parvez	Computational Analysis of Reverse Degree- Based Topological Indices in Hex- Derived Networks	2024	European Journal of Pure and Applied Mathematics	17	4	3109	3128
328.	S.A., Zanib, Syeda Alishwa; T., Zubair, Tamour; S., Ramzan, Sehrish; M.B., Riaz, Muhammad Bilal; M.I., Asjad, Muhammad Imran; T., Muhammad, Taseer	A conformable fractional finite difference method for modified mathematical modeling of SAR- CoV-2 (COVID-19) disease	2024	PLOS ONE	19	45940		
329.	M.Z., Javed, Muhammad Zakria; M.U., Awan, Muhammad Uzair; L., Ciurdariu, Loredana; S.S.,	On Extended Class of Totally Ordered Interval- Valued Convex Stochastic Processes and	2024	Fractal and Fractional	8	10		

	Dragomir, Silvestru Sever; Y., Almalki, Yahya	Applications						
330.	U., Rehman, Umatur; A., Mansha, Asim; F., Plasser, Felix	Solvent-Mediated Rate Deceleration of Dielsâ€Alder Reactions for Enhanced Selectivity: Quantum Mechanical Insights	2024	Chemistry (Switzerland)	6	5	1312	1325
331.	N.Z., Ali, Naseem Zulfiqar; A.G., Khan, Awais Gul; M.U., Awan, Muhammad Uzair; L., Ciurdariu, Loredana; K., Brahim, Kamel	Design and Applicability of Two-Step Fractional Newtonâ€Raphs on Method	2024	Fractal and Fractional	8	10		
332.	B., Bin-Mohsin, Bandar; M.Z., Javed, Muhammad Zakria; M.U., Awan, Muhammad Uzair; B., Meftah, Badreddine; A., Kashuri, Artion	Fractional Reverse Inequalities Involving Generic Interval-Valued Convex Functions and Applications	2024	Fractal and Fractional	8	10		
333.	M., Abbas, Munawar; M.A., Gururani, Mayank Anand; A., Ali, Amjad; S., Bajwa, Sakeena; R.,	Antimicrobial Properties and Therapeutic Potential of Bioactive Compounds in	2024	Molecules	29	20		

	Hassan, Rafia; S.W., Batool, Syeda Wajiha; M., Imam, Mahreen; D., Wei, Dongqing	Nigella sativa: A Review						
334.	X., Li, Xinwei; X., Su, Xiangxiang; J., Li, Jun; S., Anwer, Sumera; X., Zhu, Xueqing; Q., Ma, Qiang; W., Wang, Wenhui; J., Liu, Jikai	Coupling Image-Fusion Techniques with Machine Learning to Enhance Dynamic Monitoring of Nitrogen Content in Winter Wheat from UAV Multi-Source	2024	Agriculture (Switzerland)	14	10		
335.	T., Ishaq, Tehmeena; Z., Ehsan, Zainab; A., Qayyum, Ayesha; Y., Abbas, Yasir; A., Irfan, Ali; S.A., Alâ€ˆHussain, Sami A.; M.A., Irshad, Muhammad Atif; M.E.A., Zaki, Magdi Eâ€œ A.	Recent Strategies to Improve the Photocatalytic Efficiency of TiO2 for Enhanced Water Splitting to Produce Hydrogen	2024	Catalysts	14	10		
336.	A.K., Taqveem, Ahsen K.; M.H., Rasool, Muhammad Hidayat; B., Aslam, B.; F., Mujahid, Fatima; A., Ibrar,	Methicillin-Resistant Staphylococcus aureus among Students: Nasal Carriage Rate, Contributing	2024	Medicina (Lithuania)	60	10		

	Azalfah; H., Ejaz, Hasan; A.E., Abdalla, Abualgasim Elgaili; Y., Alruwaili, Yasir; M., Alruwaili, Muharib; K.O.A., Abosalif, Khalid Omer Abdalla	Factors, and Antimicrobial Susceptibility						
337.	W., Wakil, Waqas; M.C., Boukouvala, Maria C.; N.G., Kavallieratos, Nickolas G.; T., Riasat, Tahira; M.U., Ghazanfar, Muhammad Usman; P.B., Avery, Pasco Bruce	Acaricidal Efficacy of Abamectin against Tetranychus urticae Populations When Combined with Entomopathogenic Fungi	2024	Horticulturae	10	10		
338.	A., Zia, Almeera; S., Khalid, Shehla; N., Rasool, Nasir; N., Mohsin, Nayab; M.A., Imran, Muhammad A.; S.I., Toma, Sebastian Ionut; C., Misarca, Căftalin; O., Andreescu, Oana	Pd-, Cu-, and Ni-Catalyzed Reactions: A Comprehensive Review of the Efficient Approaches towards the Synthesis of Antibacterial Molecules	2024	Pharmaceuticals	17	10		
339.	M., Arciuch-Rutkowska, Martyna; J., Nowosad, Joanna;	Next-Generation Sequencing to Determine Changes in the	2024	Genes	15	10		

	M.K., ĄuczyĄski, MichaĄ, K.; S.M., Hussain, Syed Makhdoom; D., Kucharczyk, Dariusz	Intestinal Microbiome of Juvenile Sturgeon Hybrid (Acipenser gueldenstaedtiiĄ TM Ą— Acipenser baeriiĄ TM ,) Resulting from Sodium Butyrate, Ĵ'-Glucan and Vitamin Supplementation						
340.	S.M., Saleem, Syeda Marab; T., Jabbar, Tania; M.B., Imran, Muhammad Babar; A., Noreen, Asma; T.A., Sherazi, Tauqir Ali; M.S., Afzal, Muhammad Shahzad; H.Z., Rab Nawaz, Hafiza Zahra; M.F., Ramadan, Mohamed Fawzy; A.M.A., Alkahtani, Abdullah Misfer A.; M.A., Alsuwat, Meshari A.	Radiosynthesis and Preclinical Evaluation of [99mTc]Tc- Tigecycline Radiopharmaceut ical to Diagnose Bacterial Infections	2024	Pharmaceuticals	17	10		
341.	I., Rafique, Iqra; T., Maqbool, Tahir; F.P., Rutjes, Floris P.J.T.; A., Irfan, Ali;	Anti-Diabetic Activities and Molecular Docking Studies	2024	Pharmaceuticals	17	10		

	Y.A., Bin Jordan, Yousef A.	of Aryl-Substituted Pyrazolo[3,4-b]pyridine Derivatives Synthesized via Suzuki Cross-Coupling Reaction						
342.	Y., Wang, Ying; U., Khalid, Usman; J., Ali, Jawad; M.A., Binyamin, Muhammad Ahsan	A novel approach to decision making in rice quality management using interval-valued Pythagorean fuzzy Schweizer and Sklar power aggregation operators	2024	PLOS ONE	19	45940		
343.	N., Tabassum, Nosheen; N.U.A., Mohsin, Noor Ul Amin; H., Akram, Humna; M., Shan, Muhammad	Stability Studies of Cefuroxime in Peritoneal Dialysis Solution by Using the HPLC Method	2024	Journal of the Chemical Society of Pakistan	46	5	462	473
344.	H., Yasmeen, Humaira; R., Rasheed, Rizwan; M.A., Ashraf, Muhammad Arslan; S., Zafar, Sadia; S., Ali,	Allantoin regulated oxidative defense, secondary metabolism and ions homeostasis	2024	Physiology and Molecular Biology of Plants	30	10	1719	1739

	Shafaqat	in maize (Zea mays L.) under heat stress						
345.	D., Devi, Durga; P., Nangdev, Pirya; H.M.H., Khaliq, Hafiz Muhammad Haseeb; M., Anique, Muhammad; A., Moqaddas, Aleza; O., Aziz, Owais; W., Javed, Warda	Establishing capsaicin's anti-cancer intricacies in chronic myelogenous leukemia care: insights from human K562 cells	2024	Anaesthesia, Pain and Intensive Care	28	5	830	835
346.	H.M.H., Khaliq, Hafiz Muhammad Haseeb; R., Bughio, Rabia; P., Nangdev, Pirya; O., Aziz, Owais; W., Javed, Warda	Integrating eugenol with intensive care in leukemia patients: exploration of pro-apoptotic potential against HL-60, human leukemia cell line	2024	Anaesthesia, Pain and Intensive Care	28	5	871	875
347.	A.K., Bishoyi, Ashok Kumar; F., Saeed, F.; U., Shehzadi, Umber; A.S., Shankar, Amar S.; J., Balaji, Jadhav; J., Kaur, Jaspreet; M.S., Afzaal, Muhammad Sohail; A., Imran, Ali; M., Rasheed, Musarrat;	Nutritional composition, phytochemical profile, and health benefits of Hylocereus Undatus (pitaya): A comprehensive review	2024	eFood	5	5		

	B., Hussain, Bilal							
348.	B., Li, Bin; M., Shahzad, Muhammad; M.A., Sadi, Muhammad Abdullah; G.T., Bitew, Girmaw Teshager; M., Farhan, Muhammad; S., Ali, Saqib	Analysis and simulation of opto-electronics characterization of two-dimensional Janus monolayers for energy applications	2024	AIP Advances	14	10		
349.	I., Ahmed, Iqbal; S.A.S., Chatha, Shahzad Ali Shahid; N., Iftikhar, Neelam; M.F., Farooq, Muhammad Furqan; H., Zulfiqar, Hira; S., Ali, Shafaqat; S.M., Hussain, Syed Makhdoom; M.A., Alshehri, Mohammed Ali; K.A., Al-Ghanim, Khalid Abdullah; A.I., Hussain, A. I.	Nutritional quality of selected commercially available seed oils and effect of storage conditions on their oxidative stability	2024	PLOS ONE	19	45940		
350.	A., Mushtaq, Aqsa; A., Munawar, Anza; B., Parveen, Bushra; S., Javed, Sadia; A.F., Zahoor, Ameer Fawad;	Recent advances in the synthesis of dihydropyrimidin ones via biginelli reaction	2024	Journal of the Iranian Chemical Society	21	10	2565	2586

	K.G., Ali, Kulsoom Ghulam; A., Mansha, Asim; A., Irfan, Ahmad							
351.	M.I., Kanjal, Muhammad Imran; M., Muneer, Majid; S.S., Ullah, Saif S.; M., Hussain, Mazhar; S., Abbas, Sohail; M.W., Afzal, Muhammad Wasim; A., Amrane, Abdeltif; L., Mouni, Lotfi	Toxicological assessment of reactive blue 19 dye aqueous solutions under UV-LED light	2024	International Journal of Chemical Reactor Engineering	22	10	1133	1146
352.	H., Hameed, Huma; H.S., Shoaib Sarwar, Hafiz Shoaib; K., Younas, Komel; M.M., Zaman, Muhammad Mohsin; M., Jamshaid, Muhammad; A., Irfan, Ali; M., Khalid, Maha; M.F., Sohail, Muhammad Farhan	Exploring the potential of nanomedicine for gene therapy across the physicochemical and cellular barriers	2024	Functional and Integrative Genomics	24	5		
353.	M.A., Qayyum, Mirza Abdul; Z., Zhuo, Zhihang; W., Wakil, Waqas; H., Ali, Habib; A., ALI,	Low doses of entomopathogen s matter hugely, gateway to resistance	2024	Journal of Plant Diseases and Protection	131	5	1573	1581

	ABID; M.U., Ghazanfar, Muhammad Usman; M.Q., YasÃ¬n, Muhammad Qasim; X., Danping, Xu; H.S.M., Almoallim, Hesham Saleh M.; M.J., Ansari, Mohammad Javed	development and retarded growth in Helicoverpa armigera						
354.	Z.A., Syed, Zamin Abbas; A., Fahim, Ammad; M., Safdar, Mahpara; R., Imtiaz, Rafia	Role of Ginger in management of nausea among patients receiving chemotherapy	2024	Pakistan Journal of Medical Sciences	40	9		
355.	A.R., Bhatti, Abdul Rauf; M., Tamoor, Muhammad; R., Liaqat, Rehan; A., Rasool, Akhtar; Z.B., Salam, Zainal Bin; A.A.Y., Ali, Ahmed Abdi Yusuf; A., Sherefa, Abdulkerim	Electric vehicle charging stations and the employed energy management schemes: a classification based comparative survey	2024	Discover Applied Sciences	6	10		
356.	A., Sherin, Ammara; R., Munir, Ruba; N., Mushtaq, Nageen; A., Muneer, Amna; H., Ambreen, Hina; F., Younas, Fazila;	Reactive Blue MEBF 222 dye and textile wastewater treatment using metal-doped cobalt and nickel	2024	Environmental Monitoring and Assessment	196	10		

	M.A., Farah, Mohammad Abul; M.F., Elsadek, Mohamed Farouk; S., Noreen, Saima	perovskites by batch and column adsorption process						
357.	F., Wang, Feifeng; P., Qin, Peng; M., Zhang, Mengke; Z., Xiong, Zeen; A.G., Cuthbertson, Andrew G.S.; S.A., Alharbi, Sulaiman Ali; S., Fiaz, Sajid; S.A., Al-Farraj, Saleh A.; M.J., Ansari, Mohammad Javed; F., Azeem, Farrukh	Genome-wide Analysis of Developmental Stage-specific Transcriptome in Spodoptera litura for the Identification of Effective Control Method	2024	Journal of Crop Health	76	5	1039	1051
358.	N., Irshad, Nimra; H., Naeem, Hammad; M.S., Shahbaz, Muhammad Shahzad; M.A., Imran., Muhammad Asjad; A., Mujtaba, Ahmed; M.S., Hussain, Muzzamal Shujaat; W., Al Abdulmonem, Waleed; S.A., Alsagaby, Suliman Abdallah; T.F.,	Mangiferin: An effective agent against human malignancies	2024	Food Science and Nutrition	12	10	7137	7157

	Yehuala, Tadesse Fenta; M.A., Abdelgawad, Mohamed A.							
359.	I., Rafique, Iqra; T., Maqbool, Tahir; M.S., Javed, Muhammad Salman	Synthesis of Pyrazolo[3,4-b]pyridine Derivatives and Their In-Vitro and In-Silico Antidiabetic Activities	2024	Journal of Cellular Biochemistry	125	10		
360.	R., Naseer, Rehana; I., Imtiaz, Ifra; S., Akram, Sumia; Z., Liaqat, Zainab; I., Liaqat, Irum; M.A., Mushtaq, Muhammad Asim	Correction to: Plant aqueous extracts to Control Tribolium castaneum (Herbst) Infestation during Rice and Wheat storage (International Journal of Tropical Insect Science, (2024), 44, 3, (1149-1157), 10.1007/s42690-024-01192-x)	2024	International Journal of Tropical Insect Science	44	5	2663	
361.	H., Sharif, Humaira; B., Ali, Bagh; I., Saman, Iqra; N.A., Shah, Nehad Ali; M.A., el-Rahman,	Significance of tri-hybrid nanoparticles on the dynamics of Ellis rotating	2024	ZAMM Zeitschrift fur Angewandte Mathematik und Mechanik	104	10		

	Magda Abd	nanofluid with thermal stratification						
362.	S., Attique, Sana; M.K., Ibrahim, Muhammad Khalid; C., Khan, Changeez; A.M., Ali, Akbar M.; R., Qadir, Rahman; A., Khan, Ajmir; R.A., Al-Salahi, Rashad A.; H.A., Abuelizz, Hatem A.; P., da Silva Medeiros, Paulo; O., Moreira Sampaio, OlÃvia	Evaluation of Antimicrobial and Antioxidant Potential of Oxalis corymbosa Extracts	2024	Chemistry and Biodiversity	21	10		
363.	R., Siddique, Rida; F., Muhammad, Faqir; M.N., Faisal, Muhammad Naeem; B., Akhtar, Bushra; A., Saleem, Ammara; S., Kousar, Shaneel; A., Sharif, Ali; M., Saeed, Muhammad; S., Muhammad, Safwan	Gingerol nanoparticles attenuate complete Freund adjuvant-induced arthritis in rats via targeting the RANKL/OPG signaling pathway	2024	Inflammopharmacology	32	5	3311	3326
364.	S.A., Zanib, Syeda Alishwa; S., Ramzan, Sehrish; M.A., Shah,	Comprehensive analysis of mathematical model of	2024	Modeling Earth Systems and Environment	10	5	6323	6340

	Muzamil Abbas; N., Abbas, Nadeem; W.A., Shatanawi, Wasfi A.	HIV/AIDS incorporating fisher-folk community						
365.	M.S., Amjad, Muhammad Shoaib; S.M., Hussain, Syed Makhdoom; S., Ali, Shafaqat; P.K., Sarker, Pallab Kumer; K.A., Al-Ghanim, Khalid Abdullah; N., Nazish, Nadia	Biochar utilization for aquaculture sustainability: Effect on growth performance, nutrient digestibility, body composition, hematology and mineral status of Ctenopharyngod on idella	2024	Aquaculture Reports	38			
366.	S., Biswas, Sunanda; S., Biswas, Souti; G., PadmaPriya, Gopalakrishnan; J., Kaur, Jaspreet; A., Pramanik, Atreyi; F., Islam, Fakhar; F., Tariq, Fatima; A., Imran, Ali; M.A., Shah, Mohd Asif	Role of nutraceuticals in viral infections as immunomodulators: A comprehensive review	2024	eFood	5	5		
367.	S., Ramzan, Sehrish; S.A., Zanib, Syeda Alishwa; S., Yasin, Sadia; M.A., Shah, Muzamil Abbas	A fractional calculus approach to smoking dynamics with bifurcation analysis	2024	Modeling Earth Systems and Environment	10	5	5851	5869

368.	M., Nawaz, Mohsin; J., Sun, Jianfan; S., Shabbir, Samina; Y., Bo, Yanwen; F., He, Feng; M.M., Nazir, Muhammad Mudassir; F., Azeem, Farrukh; M.S., Rizwan, Muhamamd Shahid; L., Pan, Linxuan; G., Ren, Guangqian	Exposure to toxic cadmium concentration induce physiological and molecular mechanisms alleviating herbivory infestation in Wedelia	2024	Plant Physiology and Biochemistry	215			
369.	H.M.A., Javed, Hafiz Muhammad Asif; T., Hussain, Taqmeem; K., Younas, Kanwal; M.F.E., Fakhar-E-Alam, Muhammad F.E.; T., Munir, Tariq; M., Kashif, Muhammad; S.A., Mahmoud, Safwat A.; M., Jeridi, Mouna	Improved pH performance of cresol red radiochromic dye for spectroscopic investigations	2024	Optik	313			
370.	M., Fawzi, Mourad; A., Bimoussa, Abdoullah; Y., Laamari, Yassine; M.T., Muhammed, Muhammed Tilahun; A., Irfan,	Multitargeted molecular docking and dynamics simulation studies of 1,3,4-thiadiazoles	2024	Computational Biology and Chemistry	112			

	Ali; A., Oubella, Ali; M.A., Alossaimi, Manal A.; Y., Riadi, Yassine; A., Auhmani, Aziz; M.Y.A., Itto, Moulay Youssef Ait	synthesised from (R)-carvone against specific tumour protein markers: An In-silico study of two diastereoisomers						
371.	A., Usman, Ali; M.T., Hussain, Muhammad Tahir; N., Akram, Nadia; M., Zuber, Mohammad; S., Sultana, Sitwat; W., Aftab, Waseem; K.M., Zia, Khalid Mahmood; M., Maqbool, Muhammad; Y.M., Alanazi, Yousef Mohammed; A., Nazir, Ahsan	Modulating alginate-polyurethane elastomer properties: Influence of NCO/OH ratio with aliphatic diisocyanate	2024	International Journal of Biological Macromolecules	278			
372.	M., Asif, Muhammad; M.F.E., Fakhar-E-Alam, Muhammad F.E.; M., Hassan, Mudassir; H., Sardar, Hasan; M., Zulqarnian, Mir; L., Li, Li; A.A., A Alothman, Asma A.; A.B., Alangary,	Synergistic response of PEG coated manganese dioxide nanoparticles conjugated with doxorubicin for breast cancer treatment and MRI application	2024	Arabian Journal of Chemistry	17	10		

	Asma B.; S., Mohammad, Saikh							
373.	S., Ramzan, Sehrish; S.A., Zanib, Syeda Alishwa; M.A., Shah, Muzamil Abbas; N., Abbas, Nadeem; W.A., Shatanawi, Wasfi A.	Analytical study of a modified monkeypox virus model using Caputo's fractional derivatives	2024	Modeling Earth Systems and Environment	10	5	6475	6492
374.	E., Rashid, Eram; S.M., Hussain, Syed Makhdoom; S., Ali, Shafaqat; P.K., Sarker, Pallab Kumer; K.A., Al- Ghanim, Khalid Abdullah	Microplastics accumulation in gut and revealing their impacts on nutritional quality and health of freshwater carp, Catla catla	2024	Aquaculture Reports	38			
375.	A., Zulfiqar, Aliza; M.A., Imran, Muhammad Asif; M.H., Ahmad, Muhammad Haseeb; S.S., Sablani, Shyam S.; M.K., Khan, Muhammad Kamran	Ultrasound- assisted conjugation of Moringa proteins with gallic acid: characterisation of structural and techno-functional properties	2024	International Journal of Food Science and Technology	59	10	7102	7112
376.	S.T., Zahra, Syeda Tahseen; M., Tariq, Mohsin; M.A., Abdullah, Muhammad Arslan; M.K., Ullah,	Salt-Tolerant Plant Growth- Promoting Bacteria (ST- PGPB): An Effective Strategy	2024	Current Microbiology	81	10		

	Muhammad Kaleem; A.R., Rafiq, Abdul Rafay; A., Siddique, Aisha; M.S., Shahid, Muhammad Shafiq; T., Ahmed, Temoor; I., Jamil, Imrana	for Sustainable Food Production						
377.	S., Mahmood, Sajid; S., Iqbal, Shahid; Z., Wang, Zeping; M., Ammar, Muhammad; M.J., Iqbal, Muhammad Javed; A., Bahadur, Ali; N.S., Awwad, Nasser Sayed; H.A., Ibrahim, Hala A.	Emerging electrocatalysts for green ammonia production: Recent progress and future outlook	2024	Arabian Journal of Chemistry	17	10		
378.	G., Abbas, Ghulam; S.M., Alay-E-Abbas, Syed Muhammad; J.A., Larsson, John Andreas; Y., Shi, Yijun	First principles insights into triboelectrification during solid-solid contact: The curious case of 2D MXenes and aluminum	2024	Nano Energy	129			
379.	H.M., Waqas, Hassan M.; M.J., Hasan, Md Jahid; S.J., Jaima, Shahrin Jahan; S.M.R.S., Naqvi, Syed	Numerical study of third-grade nanofluid flow with motile microorganisms under the mixed	2024	ZAMM Zeitschrift für Angewandte Mathematik und Mechanik	104	10		

	Muhammad Raza Shah; U., Manzoor, Umair; D., Liu, Dong; T., Muhammad, Taseer	convection regime over a stretching cylinder						
380.	K.M., Khan, Khushi Muhammad; S.A., Tahir, Sofia Akbar; W., Ahmad, Waqas; R.S.A., Almufarij, Rasmiah Saad A.; E.A., Shokralla, Elsammani Ali; S.H., Alrefae, Salhah Hamed; M.A., Fahmy, Mohamed Abdelsabour; I.M., Ragab, Islam M.; A., Ashfaq, Arslan; A.R., Abd-Elwahed, A. R.	Optimization of Electrical and Optical Losses in Thin c-Si Bifacial PERC Solar Cells to Module Level Through Modeling	2024	Silicon	16	15	5649	5664
381.	M.A., Imran., Muhammad Asjad; R., Zia, Ramna; M., Ali, Maryam; S., Sadaf, Saima; K., Iqbal, Kiran; A., Ali, Asad; U., Iqbal, Usama; S.M., Din, Sana Muhammad; J., Shahid, Jawaria;	Therapeutic role of vitamin D in COVID-19 patients	2024	Clinical Nutrition Open Science	57		78	87

	A., Ahsan, Ali							
382.	M.H., Manzoor, Muhammad Husnain; N., Naz, Namisa; S.M.G., Naqvi, Syeeda Maimoona Ghayyoor; S., Ashraf, Shumaila; M.Z., Ashiq, Muhammad Zain; F.W.C., VerpoorÅ¥, Francis Walter Cornelius	Wastewater treatment using Metal-Organic Frameworks (MOFs)	2024	Applied Materials Today	40			
383.	N., Itrat, Nizwa; M.U., Mehr-un-Nisa, Mahrnun Un; F., Al-Asmari, Fahad; M.F., Ramadan, Mohamed Fawzy; E., Zongo, Eliasse	A double-blind, randomized control trial to investigate the therapeutic potential of garlic scapes for high apoprotein E levels in a high-Fat diet-induced hypercholestere mic rat model	2024	Food Science and Nutrition	12	10	7607	7619
384.	A., Saddiq, Ayesha; Z., Faisal, Zargham; N., Akram, Noor; M.S., Afzaal, Muhammad Sohail; F., Saeed, F.; A., Ahmed, Aftab; A.R.,	Algal pigments: Therapeutic potential and food applications	2024	Food Science and Nutrition	12	10	6956	6969

	Almudaihim, Abeer Raad; M., Touqeer, Muhammad; F., Ahmed, Faiyaz; A., Asghar, Aasma							
385.	R., Batool, Rizwana; R., Ramzan, Rabia; A., Raza, Awais; M., Aziz, Mahwash; M., Rohi, Madiha; A., Naeem, Adan; W., Nusrat, Wajeeha; A., Razi, Aiza; B., Saleem, Bakhtawar; W., Batool, Wajeeha	Dietary supplementation of black cumin (<i>Nigella sativa</i>) meal in the formulation of protein-enriched cookies, further inÂ vivo evaluation of protein quality with physicochemical and organoleptic characterization	2024	Food Science and Nutrition	12	10	7405	7416
386.	M., Raza, Mohsin; U., Farooq, Umar; M.E., Khan, Mohammad Ehtisham; K., Naseem, Khalida; S., Alam, Sarfaraz; M.Y., Khan, Muhammad Yasir; W., Ali, Wahid; S.K., Ali, Syed Kashif; O.Y., Bakather, Omer Yahya; W., Al-	Development of simplistic and stable Co-doped ZnS nanocomposite towards excellent removal of bisphenol A from wastewater and hydrogen production: Evaluation of reaction parameters by	2024	Journal of the Taiwan Institute of Chemical Engineers	163			

	Zoubi, Wail	response surface methodology						
387.	A., Raza, Asif; A.S., Farid, A. S.; A., Rasheed, Abdur; M., Yousaf, Misbah; N., Ayub, Noman; I.A., Khan, Ijaz Ahmad; M.A., Ghanem, Mohamed A.; F., Marken, Frank	Chemical vapor deposition-based synthesis of cost-effective binder-free nanostructured Ag/MoS ₂ /Ni–F electrode material for portable energy storage devices	2024	Materials Chemistry and Physics	325			
388.	A., Raza, Asif; A.S., Farid, A. S.; A., Rasheed, Abdur; M., Yousaf, Misbah; I.A., Khan, Ijaz Ahmad; M.A., Ghanem, Mohamed A.; K.M.H., Mohammed, Khaled M.H.	Erratum to “Home-made chemical vapor deposition-based synthesis of binder-free nanostructured magnesium-molybdenum-sulfide electrode materials for supercapacitor application” [J. Phys. Chem. Solid. 192 (September 2024) 112093] (Journal of Physics and Chemistry of Solids (2024) 192,	2024	Journal of Physics and Chemistry of Solids	193			

		(S002236972400 2282), (10.1016/j.jpcs.2024.112093))						
389.	N., Ullah Khan, Najeeb; N., Amin, Nasir; M., Uzair Khalid, Muhammad; M., Amami, Mongi; M.M., Ajaz, Muhammad Mustansar	Tailoring the structural, electrical, dielectric, and magnetic properties of graphene nanoplatelets (GNPs)-incorporated Ni _{0.35} Zn _{0.25} Cd _{0.4} Fe ₂ O ₄ ferrite composites	2024	Materials Science and Engineering: B	308			
390.	N.S., Alsaiari, Norah Salem; M.H., Tahir, Mudassir Hussain; A., Hussain, Aamir; N., Sultan, Nimra; N., Alomayrah, Norah; M.S.A., Al-Buriah, Mohammed Sultan Abdulghaffar; M.R.S.A., Janjua, Muhammad Ramzan Saeed Ashraf	An innovative approach to design readily synthesizable polymers for all-polymer solar cells	2024	Chemical Physics	586			
391.	N., Amin, Nasir; A., Ali, Adnan; K.,	Annealing-induced	2024	Ceramics International	50	19	3688 4	36891

	Mahmood, Khalid; B.I., Basha, Beriham Ibrahim; M.S.A., Al-Buriahi, Mohammed Sultan Abdulghaffar; Z.A., Alrowaili, Ziyad Awadh; I., Nawaz, Iqra; H., Waheed, Hammad; S., Rasool, Shumaila; Z., Rasheed, Zukhruf	transformation of structural and optical parameters of transparent $\text{I}^3\text{-CuI}$ thin films with superior thermoelectric performance						
392.	R., Ashraf, Rizwan; S., Akram, Sumia; M.H., El-Naggar, Mohamed H.; A., Kanwal, Attia; T.T., Tok, TuÅŸba TaÅŸkÄ±n; M.A., Iqbal, Muhammad Adnan; H.N., Bhatti, Haq Nawaz; M.A., Amin, Mohammed A.; S.M., El-Bahy, Salah Mohamed; Z.M., El Bahy, Zeinhom M.	In vitro and in silico anticancer potential of binuclear silver (I) N-heterocyclic carbene (NHCs) complexes: Investigation of interaction with surfactants	2024	Inorganica Chimica Acta	571			
393.	R.M., Alshegaihi, Rana M.; M.F.B., Mfarrej, Manar Fawzi Bani; A., Alatawi, Aishah;	Correction: Seed Priming with Iron Oxide Nanoparticles Ameliorates As	2024	Journal of Plant Growth Regulation	43	10	3701	3702

	K.M., Alwutayd, Khairiah Mubarak; S., Albalawi, Salem; S., Saleem, Saba; M.H., Saleem, Muhammad Hamzah; W., Sarfraz, Wajiha; S., Ali, Shafaqat; A.H., Abeed, Amany H.A.	Toxicity by Decreasing Organic Acid Exudation Pattern and Modulating Specific Gene Expression in Rapeseed (Brassica napus L.) (Journal of Plant Growth Regulation, (2024), 43, 10, (3685-3700), 10.1007/s00344-024-11345-4)						
394.	T.S., Khan, Talha Shireen; N., Akram, Noor; Z., Faisal, Zargham; F., Saeed, F.; A., Rasheed, Amara; F., Ahmed, Faiyaz; M.S., Afzaal, Muhammad Sohail	Bovine colostrum: Therapeutic potential and clinical evidence	2024	International Dairy Journal	157			
395.	M.U., Rasheed, Mamoon Ur; S.A.R., Naqvi, Syed Ali Raza; S., Ul-Hassan, Sadaf; A., ul Haq, Atta; M.R., Saeed Ashraf Janjua,	In vitro and in vivo exploitation of cell stress pathways using methanolic extracts of Phlomis stewartii in diabetic rat's	2024	Industrial Crops and Products	217			

	Muhammad Ramazan; M.H., Mahmoud, Mohamed H.; G.E., Batiha, Gaber E.; H.U., Rashid, Haroon Ur; M.A., Rahim, Muhammad Abdul; J.M., Rocha, J. M.	model						
396.	M., Yasar, Muhammad; M., Ibrahim, Muhammad; M.H., Zeeshan, Muhammad Hamad; K.R., Javed, Khalid Rashid; F., Noreen, Fozia	Photocatalytic activity of $Zn_xCd_{0.8-x}Mn_{0.2}Al_{0.1}Fe_{1.9}O_4$, (X = 0, 0.3) spinel ferrite for photodegradation of Congo red dye	2024	Reaction Kinetics, Mechanisms and Catalysis	137	5	2807	2826
397.	M., Yasar, Muhammad; K.R., Javed, Khalid Rashid; M., Ibrahim, Muhammad; F., Noreen, Fozia	Sol-gel synthesis and characterization of Ni-doping enhanced $Ni_xCd_{0.8-x}Zn_{0.2}Al_{0.3}Fe_{1.7}O_4$ nanoparticles with exceptional photocatalytic activity for ciprofloxacin degradation	2024	Reaction Kinetics, Mechanisms and Catalysis	137	5	2847	2866
398.	R.M., Alshegaihi, Rana M.; M.F.B.,	Seed Priming with Iron Oxide	2024	Journal of Plant Growth Regulation	43	10	3685	3700

	Mfarrej, Manar Fawzi Bani; A., Alatawi, Aishah; K.M., Alwutayd, Khairiah Mubarak; S., Albalawi, Salem; S., Saleem, Saba; M.H., Saleem, Muhammad Hamzah; W., Sarfraz, Wajiha; S., Ali, Shafaqat; A.H., Abeed, Amany H.A.	Nanoparticles Ameliorates As Toxicity by Decreasing Organic Acid Exudation Pattern and Modulating Specific Gene Expression in Rapeseed (Brassica napus L.)						
399.	S., Shams, Saman; S., Kiran, Shumaila; T., Gulzar, Tahsin; M.N., Anjum, Muhammad Naveed	Synthesis and characterization of Ca-alginate/CuO bionanocomposite for removal of Reactive Yellow 145 dye: a green approach towards sustainability	2024	Clean Technologies and Environmental Policy	26	10	3253	3271
400.	L., Kotula, Lukasz; N., Zahra, Noreen; M.O., Farooq, Muhammad Omer; S.N., Shabala, Sergey Nikolayevich; K.H., Siddique, Kadambot H.m.	Making wheat salt tolerant: What is missing?	2024	Crop Journal	12	5	1299	1308
401.	A., Ahmad, Akhlaq;	Between Life and	2024	Journal of Religion and Health	63	5	3455	3473

	M., Asim, Muhammad; N., Malik, Nazia; M.R., Safdar, Muhammad Rizwan; F., Sher, Falak; M.M., Sohail, Malik Muhammad	Death: How do Muslim Terminal Patients in Pakistan cope with Hepatitis C utilizing their Beliefs and Social Support?						
402.	K.R., Javed, Khalid Rashid; N., Abbas, Naseem; M.S., Bilal, Muhammad Sajjad; A.A., Alshihri, Abdulaziz A.; H.Z., Rab Nawaz, Hafiza Zahra; M.F., Ramadan, Mohamed Fawzy; S.A.R., Naqvi, Syed Ali Raza	Fabrication of a ZnFe ₂ O ₄ @Co/Ni-MOF nanocomposite and photocatalytic degradation study of azo dyes	2024	RSC Advances	14	42	30957	30970
403.	A., Tariq, Anum; Y., Tanveer, Yasir	Sacred choices: Exploring the influence of religion on green consumption	2024				151	176
404.	N., Ashiq, Nabeel; F., Munir, Fouzia; S., Khan, Safeer; A., Yousaf, Adil; M.H., Mehmood, Malik Hassan	Noble element coatings on endotracheal tubes for ventilator-associated pneumonia	2024	Medicine (United States)	103	38	e39750	

		prevention A systematic review and meta- analysis of randomized controlled trials in emergency care settings						
405.	R., Munir, Rizwan; T., Abbas, Tahir; L.A., Waseem, Liaqat Ali; J., Sheng, Jiliang; W., Jing, Wang; M., Abid, Mohammad; M., Ahmad, Muneeb; M.K., Okla, Mohammad Khair	The longitudinal relationship between tourism, electricity consumption, and CO2 emissions	2024	Heliyon	10	17		
406.	M., Rasool, Mahmood; P.N., Pushparaj, Peter Natesan; A., Haque, Absarul; A.M., Shorbaji, Ayat Mohammed; L.S., Mira, Loubna Siraj; S., Bakhashab, Sherin; M.N., Alama, Mohamed Nabil; M.U., Farooq, Muhammad Umar; S.S., Karim, Sajjad	Discovery of a novel mutation F184S (c.551T>C) in GATA4 gene causing congenital heart disease in a consanguineous Saudi family	2024	Heliyon	10	17		

	S.; L.A., Larsen, Lars A.							
407.	B., Li, Bin; M., Shahzad, Muhammad; M., Farhan, Muhammad; M., Ayoub, Muhammad; S., Ali, Saqib; G.T., Bitew, Girmaw Teshager	Technoeconomic analysis of solar PV electrification to remote areas of Dera Ghazi Khan: A case study	2024	Heliyon	10	17		
408.	Z., Liu, Zixi; M.A., Nazir, Muhammad Altaf; M., Altaf, Muhammad; H., Majeed, Hammad; Z.M., El Bahy, Zeinhom M.; M.H.M., Hamdy Helal, Mohamed Hamdy M.; A., Rauf, Abdul; S., Ullah, Sami; T., Najam, Tayyaba; S.S.A., Shah, Syed Shoaib Ahmad	Light-driven C1 Chemical Conversion with LDH-based Nanomaterials	2024	Applied Clay Science	258			
409.	S.A., Khan, Shamsheer Ahmad; M.A., Imran, Muhammad Ali; A., Haider, Ali; I., Shahzadi, Iram; M., Waqas, M.; A., Ul-Hamid, Anwar; H.,	Synergistic effects of barium and PVP-doped Zn‐Al layered double hydroxide for catalytic and antibacterial applications with	2024	Materials Chemistry and Physics	324			

	Ullah, Hameed; S., Khan, Sherdil; A.A.A., Hafez, Amal A.Abdel; M., Ikram, Muhammad	molecular docking studies						
410.	M., Yosif, Muhammad; M.A., Khan, Muhammad Azhar; R.T., Rasool, Raqiqa Tur; S., Gulbadan, Shagufta; H., Alhummiyany, Haya; M., Junaid, Muhammad; Z., Bayhan, Zahra; Z., Javed, Zeshan; K., Mahmood, Khalid; A.A.A., Hafez, Amal A.Abdel	Impact of Gd-substitution on structural, dielectric, spectroscopic, Raman, and photo luminance properties of Ba _{0.4} Sr _{0.6} Co ₂ Fe ₁₆ O ₂₇ ceramics	2024	Materials Chemistry and Physics	324			
411.	F., Fareed, Farwa; B.I., Basha, Beriham Ibrahim; M.B., Bilal Tahir, Muhammad Bilal; A., Khalil, Adnan; K., Mahmood, Khalid; A., Ali, Adnan; M.Y., Ali, Muhammad Yasir; A., Ayari-Akkari, Amel; M.S.A., Al-Buriahi, Mohammaed	Realizing the giant seebeck coefficient and electrical conductivity in SnTe thin films by grain engineering	2024	Ceramics International	50	18	33979	33983

	Sultan Abdulghaffar; S.Z., Ilyas, Syed Zafar							
412.	E.A., Shokralla, Elsammani Ali; A., Ashfaq, Arslan; H., Alqurashi, Hind; L.G., Alharbe, Lamiaa G.; E., Gazo-Hanna, Eddie; M.A., Fahmy, Mohamed Abdelsabour; R.R., Macadangdang, R. R.; S.H., Alrefaee, Salhah Hamed; R.S.A., Almufarij, Rasmiah Saad A.; A.R., Abd-Elwahed, A. R.	Improvement of structural, morphological and thermoelectric power factor of thermally evaporated Sr doped SnTe film	2024	Ceramics International	50	18	34467	34471
413.	S., Iqbal, Sadaf; K., Aftab, Kiran; F., Tul Jannat, Fakiha; M.H., Ali Baig, Muhammad Hasan; U., Kalsoom, Umme	A bibliographic analysis of optimization of hydrogen production via electrochemical method using machine learning	2024	Fuel	372			
414.	H.M., Umair, Hafiz Muhammad; I., Bibi, Ismat; F., Majid, Farzana; A., Dahshan, A.; S., Kamal, Shagufta;	Synthesis of Dy-doped calcium hexaferrite (CaDyxF12-xO19) nanoparticles and their	2024	Journal of Alloys and Compounds	999			

	K., Jilani, Kashif; S., Nouren, Shazia; Z., Nazer, Zarish; M.A., Iqbal, Munawar Aqeel; N.M., Alwadai, Norah Muhammad	ferroelectric, dielectric, magnetic and photocatalytic properties under solar light irradiation						
415.	S., Shahzadi, Sehar; M., Akhtar, Mariam; M.I., Arshad, Muhammad Imran; M.U., Ijaz, Muhammad Umar; M.R.S.A., Janjua, Muhammad Ramzan Saeed Ashraf	A review on synthesis of MOF-derived carbon composites: innovations in electrochemical, environmental and electrocatalytic technologies	2024	RSC Advances	14	38	2757 5	27607
416.	M.A., Shahzad, Muhammad Asim; D., Jianguo, Du; M., Junaid, Muhammad; F., Shahzad, Fakhar; A., Zulfiqar, Alisha	Associating leadership style with firm performance: Mediating “moderating effects of learning orientation and organizational culture	2024	Journal of Competitiveness	16	3	26	52
417.	Z., Manzoor, Zainab; M., Khalid, Maria; D., Hussain, Dilbar; U., Saleem, Usama; S.M.,	TOXICITY OF SELECTIVE INSECTICIDES AGAINST TRICHOGRAMMA	2024	Indian Journal of Entomology	86	3	743	746

	Hussain, Saddam M.; Z., Javed, Zeeshan; M.K., Aziz, Muhammad Kashif; A., Tariq, Ansa; M., Asrar, Muhammad	CHILONIS						
418.	S., Kiran, Shawana; M.J., Iqbal, Muhammad Javid; S.M., Hussain, Saddam M.; U., Saleem, Usama; Y., Shafique, Yasmine; M., Kamal, Muhammad; M.K., Aziz, Muhammad Kashif; T., Ayesha, Tabsheer; A., Tariq, Ansa	TOXICITY OF PLANT BASED CHEMICALS AGAINST TROGODERMA GRANARIUM, A DESTRUCTIVE PEST OF STORED-GRAINS	2024	Indian Journal of Entomology	86	3	762	765
419.	M.I., Asad, Muhammad Imran; N.U., Rehman, Nisar Ur; N., Bano, Nargis; S.M., Ali, Syed Mansoor; K., Mahmood, Khalid; A., Ali, Adnan; M., Imran, Muhammad	Variations in the optical and thermoelectric behavior of ZnCo2O4 nanostructures as a function of synthesis temperature	2024	Journal of Ovonic Research	20	5	745	762
420.	A., Khalid, Ayesha; U., Mumtaz, Umair; S.A., Rouf, Syed Awais; S., Gulzar, Shakila;	Theoretical analysis of structural, electronic, optical, and	2024	Materials Research Express	11	9		

	H.T., Masood, Hafiz Tariq; M.A., Abid, Muhammad Amin; H.F., Alam, Hafiz Farooq; M.I., Choudhury, Maria Imran; N., Ali, Nazim; S., Raza, Saqlain	thermoelectric properties of XNaH ₂ (X = K, Rb) hybrid metal hydride composites						
421.	H., Alolaiyan, Hanan; L., Latif, Laila; U., Shuaib, Umer; A., Razaq, Abdul; Q., Xin, Qing	A novel development to encrypt data communication under t-intuitionistic fuzzy environment	2024	PLOS ONE	19	45909		
422.	M., Shafiq, M.; I., Ahmed, Iftikhar; M.M., Saeed, Muhammad M.; A., Malik, Abdul; S., Fatima, Sabiha; S., Akhtar, Suhail; M., Khurshid, Mohsin; M.Z., Hyder, Muhammad Zeeshan	Predominance of blaNDM- and blaIMP-Harboring Escherichia coli Belonging to Clonal Complexes 131 and 23 in a Major University Hospital	2024	Medicina (Lithuania)	60	9		
423.	M., Asif, Muhammad; M.F.E., Fakhar-E-Alam, Muhammad F.E.; M.N., Tahir, Muhammad	Synthesis, Characterization, and Evaluation of the Antimicrobial and Anticancer Activities of Zinc	2024	Pharmaceuticals	17	9		

	Nawaz; F., Jamil, Farah; H., Sardar, Hasan; J., Rehman, Javed; K.A., Dahlous, Kholood Ahmed	Oxide and Aluminum-Doped Zinc Oxide Nanocomposites						
424.	M.Z., Javed, Muhammad Zakria; M.U., Awan, Muhammad Uzair; B., Bin-Mohsin, Bandar; S., TreanÅ£ÇŽ, Savin	Upper Bounds for the Remainder Term in Booleâ€™s Quadrature Rule and Applications to Numerical Analysis	2024	Mathematics	12	18		
425.	E., Mateev, Emilio; V., Karatchobanov, Valentin; M., Dedja, Marjano; K., Diamantakos, Konstantinos; A., Mateeva, Alexandrina; M.T., Muhammed, Muhammed Tilahun; A., Irfan, Ali; M.S., Kondeva-Burdina, Magdalena S.; I.V., Valkova, I. V.; M.B., Georgieva, Maya B.	Novel Pyrrole Derivatives as Multi-Target Agents for the Treatment of Alzheimerâ€™s Disease: Microwave-Assisted Synthesis, In Silico Studies and Biological Evaluation	2024	Pharmaceuticals	17	9		
426.	F., Batool, Fatima; M., Fatima, Maheen; S., Adeel, Shahid; S.A.,	Sustainable Assessment of Bio-Colorant from Bakain Bark	2024	Molecules	29	18		

	Ahmad, Sheikh Asrar; M.R., Repon, Md Reazuddin; A., Haji, Aminoddin	(Melia azedarach L.) for Dyeing of Cellulosic and Proteinous Fabric						
427.	R., Akram, Rabia; H., Anwar, Haseeb; H., Muzaffar, Humaira; V., Turchetti, Valentina; T., Lau, Tracy; B., Vona, Barbara; E.U.H., Makhdoom, Ehtisham Ul Haq; J., Iqbal, Javed; S.M., Baig, Shahid Mahmood; G.S., Hussain, Ghulam Sabir	A Novel MAG Variant Causes Hereditary Spastic Paraplegia in a Consanguineous Pakistani Family	2024	Genes	15	9		
428.	N.E., Fatima, Noor E.; S., Khalid, Shehla; N., Rasool, Nasir; M.A., Imran, Muhammad Ali; B., Parveen, Bushra; A., Kanwal, Aqsa; M., Irimie, Marius; C.I., Ciurea, Codrut Ioan	Approachable Synthetic Methodologies for Second-Generation β -Lactamase Inhibitors: A Review	2024	Pharmaceuticals	17	9		
429.	A.H., Hannan Khan, Abdul Hannan; M.S., Bilal, Muhammad Sajjad; A., Mahmood,	Facile Synthesis of N-(4-Bromo-3-methylphenyl)pyrazine-2-carboxamide	2024	Pharmaceuticals	17	9		

	Abid; N., Rasool, Nasir; M.U., Qamar, Muhammad Usman; M.A., Imran, Muhammad Ali; S.I., Toma, Sebastian Ionut; O., Andreescu, Oana	Derivatives, Their Antibacterial Activities against Clinically Isolated XDR S. Typhi, Alkaline Phosphatase Inhibitor Activities, and Docking Studies						
430.	M.U., Tariq, Muhammad Usama; S., Muzammil, Saima; U.A., Ashfaq, Usman Ali; M.I., Arshad, Muhammad Imran; M.U., Shafique, Muhammad Umair; H., Ejaz, Hasan; M., Khurshid, Mohsin; L.B., Bashier Eltayeb, Lienda Bashier; B.B.Z., Mazhari, Bi Bi Zainab; M.Y.M., Elamir, Mohammed Yagoub Mohammed	Characterizing the bacteriophage PKp-V1 as a potential treatment for ESBL-producing hypervirulent K1 Klebsiella pneumoniae ST258 isolated from veterinary specimens	2024	Veterinary World	17	9	2008	2016
431.	A., Yousaf, Ayesha; S., Yousaf, Sairah;	Identification of rare missense	2024	Molecular Genetics and Genomic Medicine	12	9		

	A.S., Shabbir, Asra Shanzeh; R., Yousaf, Rafia; S.A., Riazuddin, Saima A.; R.S., Shaikh, Rehan Sadiq; R.L.P., Santos-Cortez, Regie Lyn P.; Z.M., Ahmed, Zubair M.	variants in the BSN gene co-segregating with chronic otitis media in a consanguineous Pakistani family						
432.	X., Zhang, Xin; Z., Ibrahim, Zakir; M.B., Khaskheli, Muhammad Bilawal; H., Raza, Hamad; F., Zhou, Fanrui; I.H., Haider Shamsi, Imran Haider	Integrative Approaches to Abiotic Stress Management in Crops: Combining Bioinformatics Educational Tools and Artificial Intelligence Applications	2024	Sustainability (Switzerland)	16	17		
433.	A., Rasheed, Aasma; D., Hussain, Dilbar; U., Saleem, Usama; S.M., Hussain, Saddam M.; Z., Javed, Zeeshan; M., Shahzadi, Mashal; M.S., Qadir, Muhammad Sohail; M.J., Saleem, Muhammad J.; A., Ghaffar, Abdul; M.,	Assessment of Toxicity of New Chemistry Insecticides against Coccinella septempunctata under Laboratory Conditions	2024	Pakistan Journal of Agricultural Research	37	3	275	281

	Rafique, Mawra							
434.	F., Nazir, Faiza; S., Nawaz-Ur-Rehman, Shah; S., Khadim, Sumayya; S., Amber, Sania; F., Ameen, Fuad; N., Ahmed, Naveed; S.P., Lakshminarayanan, Srimathi Priya; M.A., Iqbal, Munawar Aqeel	Analytical Characterization, Antioxidant, Antiviral and Antimicrobial Potential of Selected Medicinal Plants	2024	Natural Product Communications	19	9		
435.	S.A., Khan, Shan Ali; H., Liu, Haihu; M.A., Imran., Muhammad Asjad; U., Farooq, Umar; S., Yasmin, Sumeira; B., Ma, Binjian; A., Alhushaybari, Abdullah	Quadratic regression model for response surface methodology based on sensitivity analysis of heat transport in mono nanofluids with suction and dual stretching in a rectangular frame	2024	Mechanics of Time-Dependent Materials	28	3	1019	1048
436.	M.M., Nazir, Muhammad Muzammil; S., Inam, Sana; M.U., Ijaz, Muhammad Umar; N., Zafar, Nimrah; D.K., Yeni,	In vivo and in silico elucidation of possible potential and mechanisms involved in the analgesic action	2024	Journal of Pharmacy and Pharmacology	76	9	1178	1198

	Derya Karataş; F., Asad, Farkhanda; I., Farzeen, Iqra; A., Ashraf, Asma	of ethanolic extract of Lavandula Stoechas						
437.	M., Haneef, Muhammad; R.S.A., Almufarij, Rasmiah Saad A.; S.A., Tahir, Sofia Akbar; E., Gazo- Hanna, Eddie; J., Arayro, Jack; E.A., Shokralla, Elsammani Ali; S.H., Alrefae, Salhah Hamed; M., Abdelsabour Fahmy, Mohamed; R.R., Macadangdang, R. R.; H.E., Saad, H. E.	Optimization of a novel lead-free MASi3 based perovskite solar cell: A comprehensive study on device performance enhancement	2024	Results in Engineering	23			
438.	L., Ben Said, Lotfi; S.A., Khan, Shan Ali; U., Farooq, Umar; H., Liu, Haihu; M.A., Imran., Muhammad Asjad; T., Muhammad, Taseer; M.A., Mesfer Alwadai, Mesfer Ahmad	Application of Box-Behnken design with RSM to predict the heat transfer performance of thermo-magnetic convection of hybrid nanofluid inside a novel oval-shaped annulus enclosure	2024	Case Studies in Thermal Engineering	61			

439.	S., Mukhtar, Sobia; A., Rafiq, Ayesha; S.A.R., Naqvi, Syed Ali Raza; S., Aslam, Sana; M.N., Ahmad, Matloob N.; S.A., Alâ€™Hussain, Sami A.; M.E.A., Zaki, Magdi Eâ€™ A.	Synthetic routes for N-arylation of carbazole derivatives and their applications as organic materials	2024	Journal of Saudi Chemical Society	28	5		
440.	M.K., Irshad, Muhammad Kashif; J., Lee, Jong-cheol; M.T., Aqeel, Muhamamd Tahir; W., Javed, Wasim; A., Noman, Ali; S.S., Lam, Su Shiung; A.E., Naggar, Ali El; N.K., Niazi, Nabeel Khan; H., Lee, Hunho; M.K., Ibrahim, Muhammad Khalid	Efficacy of Fe-Mg-bimetallic biochar in stabilization of multiple heavy metals-contaminated soil and attenuation of toxicity in spinach (<i>Spinacia oleracea</i> L.)	2024	Chemosphere	364			
441.	R., Akram, Rabia; S.M., Baig, Shahid Mahmood; H., Anwar, Haseeb; G.S., Hussain, Ghulam Sabir	A novel mutation in SETX and ATM causes ataxia in consanguineous Pakistani families	2024	Pakistan Journal of Medical Sciences	40	8	1765	1769
442.	H., Ashraf, Humera; F., Ghouri, Fozia; M., Zhong, Minghui;	<i>Oryza glumaepatula</i> and calcium oxide	2024	Journal of Environmental Management	368			

	S.A., Cheema, Sardar Alam; F.U., Haider, Fasih Ullah; L., Sun, Lixia; S., Ali, Shafaqat; M.A., Alshehri, Mohammed Ali; X., Fu, Xuelin; M.Q., Shahid, Muhammud Qasim	nanoparticles enhanced Cr stress tolerance by maintaining antioxidant defense, chlorophyll and gene expression levels in rice						
443.	N., Fatima, Nahid; A.A., Basem, Ali A.; U., Farooq, Umar; M.A., Imran., Muhammad Asjad; M.T., Tahir, Madeeha Teham; N.B., Ali, Naim Ben; W., Rajhi, W.; H.M., Waqas, Hassan M.	Numerical analysis of TiO2-Al2O3/water and Ag-MoS2/water hybrid nanofluid flow over a rotating disk with thermal radiation and Cattaneo-Christov heat flux effects	2024	Mechanics of Time-Dependent Materials	28	3	1313	1329
444.	S., Ahmad, Shoaib; A.K., Sehrish, Adiba Khan; M., Umair, Muhammad; M.W., Mirino, Markus W.; S., Ali, Shafaqat; H., Guo, Hongyan	Effect of biochar amendment on bacterial community and their role in nutrient acquisition in spinach (<i>Spinacia oleracea</i> L.) grown under elevated CO2	2024	Chemosphere	364			

445.	A., Saleem, Ammara; M.K.S., Bhutta, M. Khurum S.; A., Muhammad, Abrar; M.W., Bari, Muhammad Waseem; M., Bashir, Mohsin	Leader's ethical behavior: A precursor to employees' well-being through emotions management	2024	Acta Psychologica	249			
446.	A.K., Sehrish, Adiba Khan; S., Ahmad, Shoaib; M., Nafees, Mohammad; Z.H., Mahmood, Zahid Hayat; S., Ali, Shafaqat; W., Du, Wenchao; M., Kashif Naeem, Muhammad; H., Guo, Hongyan	Alleviated cadmium toxicity in wheat (Triticum aestivum L.) by the coactive role of zinc oxide nanoparticles and plant growth promoting rhizobacteria on TaEIL1 gene expression, biochemical and physiological changes	2024	Chemosphere	364			
447.	Z.N., Vafa, Zahra Najafi; Y., Sohrabi, Yousef; G., Mirzaghaderi, Ghader; G., Heidari, Gholamreza; M.S., Rizwan, Muhamamd	Effect of bio-fertilizers and seaweed extract on growth and yield of wheat (Triticum aestivum L.) under different irrigation	2024	Chemosphere	364			

	Shahid; R., Sayyed, Riyaz	regimes: Two-year field study						
448.	S., Zafar, Sadia; R., Rasheed, Rizwan; U., Farooq, Umer; M.A., Ashraf, Muhammad Arslan; S., Ali, Shafaqat; M.A., Alshehri, Mohammed Ali; K.A., Al-Ghanim, Khalid Abdullah; P.K., Sarker, Pallab Kumer	Seed Priming with Taurine Debilitates Copper Phytotoxic Effects by Maintaining Redox Balance, Ions Homeostasis and Photosynthetic Efficiency in Canola (Brassica napus L.)	2024	Journal of Soil Science and Plant Nutrition	24	3	6164	6183
449.	M.U., Waseem, Muhammad Umair; M., Jawad, Muhammad; S., Naeem, Sidra; G.V., Bogнар, Gabriella Vadaszne; T., Alballa, Tmader; H.A., Khalifa, Hamiden Abdelwahed; M.A., Tashkandi, Mohammed A.; K., Lioua, Kolsi	Regression analysis of Cattaneo’s Christov heat and thermal radiation on 3D Darcy flow of Non-Newtonian fluids induced by stretchable sheet	2024	Case Studies in Thermal Engineering	61			
450.	S., Noreen, Sana; Z., Malik, Zaffar; M., Luqman, Muhammad; I., Fatima, Ishrat;	Effect of bacillus strain and Fe-modified biochar on lead (Pb) bioaccumulation	2024	South African Journal of Botany	172		720	735

	U.A., Tahir, Usama Ali; M., Dar, Mansab; M.S., Rizwan, Muhamamd Shahid	and oxidative stress in wheat (Triticum aestivum L.) grown in Pb contaminated soil						
451.	F., Tahir, Fatima; H., Ashfaq, Hira; A.Z., Khan, Aqib Zafar; M., Amin, Mahwish; I., Akbar, Iqra; H.A., Malik, Hafiza Aroosa; M., Abdullah, Mohammed; A.H., Alessa, Abdulrahman H.; A.A., Alsaigh, Ahmad Abdulhadi; P.J., Ralph, Peter J.	Emerging trends in algae farming on non-arable lands for resource reclamation, recycling, and mitigation of climate change-driven food security challenges	2024	Reviews in Environmental Science and Biotechnology	23	3	869	896
452.	I., Iftikhar, Iqra; M.S., Shahbaz, Muhammad Shahzad; M.F., Maqsood, Muhammad Faisal; U., Zulfiqar, Usman; S., Rana, Shamsa; F., Farhat, Fozia; H., Farooq, Hira; K., Ahmad, Kamran; M.W., Jamil, Muhammad Waqas; F.U.,	Resilient mechanism of strigolactone (GR24) in regulating morphological and biochemical status of maize under salt stress	2024	Biocatalysis and Agricultural Biotechnology	60			

	Haider, Fasih Ullah							
453.	M.B., Faheem, M. Bilal; B.I., Basha, Beriham Ibrahim; M.S.A., Al-Buriahi, Mohammaed Sultan Abdulghaffar; Z.A., Alrowaili, Ziyad Awadh; K., Mahmood, Khalid; A., Ali, Adnan; M., Ramzan Khawar, Muhammad; C., Cho, Chungyeon; D., Choi, Dongwhi; S., Hussain, Sajad	Interfacial studies of Cu2O/TiO2 junction deposited at different electropotentials	2024	Results in Physics	64			
454.	L., Kanwal, Lubna; S., Ali, Shaukat; A., Rasul, Azhar; S., Shahbaz, Sana; H., Anum, Habiba; T., Nauroze, Tooba	Methanolic extracts of litchi (Litchi chinensis Sonn.): A novel approach of targeting glucose-6-phosphate dehydrogenase for liver cancer therapy	2024	Toxicon	248			
455.	M.U., Hassan, Muhammad Umair; H., Guoqin, Huang; M.S., ARIF, Muhammad Saleem; M.S., Mubarik,	Can urea-coated fertilizers be an effective means of reducing greenhouse gas emissions and improving crop	2024	Journal of Environmental Management	367			

	Muhammad Salman; H., Tang, Haiying; H., Xu, Huifang; B., Yang, Binjuan; Q., Zhou, Quan; A., Shakoor, Awais	productivity?						
456.	S., Mahmood, Saqib; B., Afzal, Beenish; R., Bashir, Rohina; M.B., Shakoor, Muhammad Bilal; Z.U., Nisa, Zaib Un; M., Rizwan, Muhmmad; M.H., Awais, Muhammad Huzaifa; M., Azeem, Muhammed; A.A., Wahid, Abdul A.; J.W.H., Yong, Jean Wan Hong	Melatonin priming could modulate primary and secondary metabolism of sunflower with better nutraceutical value and tolerance against water deficit environment	2024	Plant Stress	13			
457.	S., Akram, Sumayya; S., Aslam, Sana; N., Rasool, Nasir; M.N., Ahmad, Matloob N.; S.A., Alâ€™Hussain, Sami A.; M.E.A., Zaki, Magdi Eâ€™ A.	Furo[3,2-b]pyridine: Chemical synthesis, transformations and biological applications	2024	Journal of Saudi Chemical Society	28	5		
458.	F., Basit, Farwa; S., Abbas, Saghir;	Deciphering the alleviation	2024	Plant Physiology and Biochemistry	214			

	M.S., Sheteiwy, Mohamed Salah; J.A., Bhat, Javaid Akhter; A.A., Alsahli, Abdulaziz Abdullah; P., Ahmad, Parvaiz	potential of nitric oxide, for low temperature and chromium stress via maintaining photosynthetic capacity, antioxidant defence, and redox homeostasis in rice (<i>Oryza sativa</i>)						
459.	Z., Tanveer, Zaighum; A., Ashiq, Aiza; M.A., Javaid, Muhammad Asif; B., Tanveer, Bilal; S.A., Cheema, Salman Arif; S., Manzoor, Sadia; U., Alvi, Umair; N., Sabir, Nadeem; N., Nasir, Nadeem; H., Iqbal, Hina	Transformative enhancement of cellulosic textile properties via metallic oxide deposition: Comprehensive analysis of structural, optical, and thermoelectric traits	2024	International Journal of Biological Macromolecules	276			
460.	N., Malik, Natasha; M.A., Ahamd, Maqshoof Adeel; Z., Malik, Zaffar; A., Hussain, Azhar; M., Waseem, M.; A., Ali, Ahmad; M.S., Rizwan, Muhamamd Shahid	Isolation and characterization of chromium-resistant bacteria and their effects on germination, growth, and Cr accumulation in <i>Capsicum annum</i> (L.) under Cr	2024	Plant Physiology and Biochemistry	214			

		stress						
461.	M.K., Iqbal, Muhammad Khalid; A., Ambreen, Alia; M., Mujahid, Muhammad; Y., Zarlashat, Yusra; M., Abid, Muhammad; A., Yasin, Ayesha; M.N., Ullah, Muhammad Naeem; R., Shahzad, Raheel; P.W., Harlina, Putri Widyanti; S.U., Khan, Shahid Ullah	Cardiomegaly: Navigating the uncharted territories of heart failure - A multimodal radiological journey through advanced imaging, pathophysiological landscapes, and innovative therapeutic frontiers	2024	Current Problems in Cardiology	49	9		
462.	S., Waheed, Sana; M.U., Khan, Muhammad Usman; A., Anwar, Abida; G., Mustafa, Ghulam; A., Ul Hassan, Abrar; T., Ahamad, T.; M.R.S.A., Janjua, Muhammad Ramzan Saeed Ashraf	DFT molecular simulations for designing anthradithiophene-based photo and thermally stable solar cell compounds with enhanced fill factor, open-circuit voltage, and optoelectronic properties	2024	Computational and Theoretical Chemistry	1239			
463.	M., Abubakar, Muhammad; S.M.,	Microwave seed priming and	2024	Ecotoxicology and Environmental Safety	282			

	Alghanem, Suliman Mohammed; H.A., Sakit Alhaithloul, Haifa Abdulaziz; I.M., Alsudays, Ibtisam Mohammed; M., Farid, Mujahid; M.T., Zubair, Muhammad Talha; S., Farid, Sheharyaar; M.S., Rizwan, Muhamamd Shahid; J.W.H., Yong, Jean Wan Hong; A.H., Abeed, Amany H.A.	ascorbic acid assisted phytoextraction of heavy metals from surgical industry effluents through spinach						
464.	S., Atta, Sadaf; A., Rasheed, Abdur; A.S., Farid, A. S.; M., Yousaf, Misbah; A., Raza, Asif; I.A., Khan, Ijaz Ahmad; M.A., Ghanem, Mohamed A.; F., Marken, Frank	Electrochemical performance of cauliflower like binder-free magnesium-sulphide-electrodes for supercapacitor application	2024	Journal of Saudi Chemical Society	28	5		
465.	S., Daud, Saima; O.U.R., Abid, Obaid Ur Rahman; M.M., Saadullah, Malik M.; M.F.E., Fakhar-E-Alam,	Isatin-based ibuprofen and mefenamic acid Schiff base derivatives as dual inhibitors	2024	Journal of Saudi Chemical Society	28	5		

	Muhammad F.E.; S., Carradori, Simone; A., Sardar, Asma; B., Niaz, Bushra; M., Atif, Muhammad; S., Zara, Susi; M., Rashad, Muhammad	against urease and “glucosidase: In vitro, in silico and cytotoxicity studies						
466.	S., Zafar, Sadia; M.F., Arshad, Muhammad Farooq; H., Khan, Husnain; R., Menahil, Rushna; L., Iqbal, Lamia; S.J., Prabhavathi, S. Jaya; M.S., Kumar, M. Senthil; A.F., Omar, Ayman Faisal; T., Shaheen, Tayyaba	Nanoformulation s of plant essential oils for managing mycotoxins producing fungi: An overview	2024	Biocatalysis and Agricultural Biotechnology	60			
467.	M.K., Rizvi, Maryam Khalid; R., Rabail, Roshina; S., Munir, Seemal; M.W., Rizvi, Muhammad Waleed; G.H., Abdi, Gholamreza H.; R.M., Aadil, Rana Muhammad	Dietary and lifestyle-related factors behind delayed conception in females	2024	Food Science and Nutrition	12	9	6226	6241
468.	A., Shafqat, Ayesha; S., Abbas,	Exploring the vital role of	2024	Physiological and Molecular Plant Pathology	133			

	Sonia; M., Ambreen, Madieha; A., Siddiqa Bhatti, Ayesha; H., Kausar, Humaira; T., Gull, Tabassum	phytohormones and plant growth regulators in orchestrating plant immunity						
469.	M., Hassan, Mudassir; L., Tutar, LÃ¼tfi; D., Sari-Ak, Duygu; A., Rasul, Azhar; E., Basheer, Ejaz; Y., Tutar, Yusuf	Non-genetic heterogeneity and immune subtyping in breast cancer: Implications for immunotherapy and targeted therapeutics	2024	Translational Oncology	47			
470.	A., Ali, Asad; M.M., Saadullah, Malik M.; M.F.E., Fakhar-E-Alam, Muhammad F.E.; R., Siddique, Rida; M., Atif, Muhammad	Appraisal of the anti-arthritis potential of <i>Strelitzia reginae</i> in Wistar rats via modulating molecular inflammatory cascades IL-6, IL-17a, IL-1 β , TNF- α , IFN- γ , RANKL, OPG, and IL-4 and attenuating oxidative stress biomarkers	2024	Journal of King Saud University - Science	36	8		
471.	M., Latif, Maria; S., Ali, Shafaqat; M.A., Ansari, Mushtaq	Exploring the potential of green	2024	Journal of King Saud University - Science	36	8		

	Ahmad; A., Fawad Zahoor, Ameer; M., Nafees, Mohammad	synthesized cerium oxide nanoparticles in mitigating chromium toxicity in maize						
472.	K.R., Ahmad, Khawaja Raees; S., Suleman, Sadia; F., Malik, Fiza; M.A., Kanwal, Muhammad Ali; S.N., Ahmad, Syeda Nadia; S., Yasmeen, Sidra; I., Inayat, Iram; A., Younis, Asma; K., Raees, Kausar	Supplemental effect of wild strawberry (Fragaria vesca) pulp extract in extender to enhance quality attributes of cryopreserved bovine sperms	2024	Reproduction and Breeding	4	3	179	184
473.	A., Aziz, Abdul; M., Farhan, Muhammad; Abubakar Sharif; U., Ijaz, Umer; N., Safdar, Nouman	A novel high permittivity ceramic-silicone composite substrate-based antenna for energy harvesting	2024	AEU - International Journal of Electronics and Communications	184			
474.	M.S., Shahbaz, Muhammad Shahzad; H., Naeem, Hammad; M., Batool, Maryam; M.A., Imran., Muhammad Asjad; M.S., Hussain,	Antioxidant, anticancer, and anti-inflammatory potential of Moringa seed and Moringa seed oil: A comprehensive	2024	Food Science and Nutrition	12	9	6157	6173

	Muzzamal Shujaat; A., Mujtaba, Ahmed; S.A., Alsagaby, Suliman Abdallah; W., Al Abdulmonem, Waleed; A.H., El-Ghorab, Ahmed H.; M.M., Ghoneim, Mohammed M.	approach						
475.	J., Hafeez, Jawaria; A., Sabir, Azka; N., Rasool, Nasir; U., Hafeez, Usama; F., Siddique, Farhan; M.S., Bilal, Muhammad Sajjad; A., Kanwal, Aqsa; G., Ahmad, Gulraiz; F.M., Alqahtani, Faleh M.; I., Imran, Imran	Synthesis of N, N-Bis([1,1- Biphenyl]-4-ylmethyl)-4-morpholinoaniline derivatives via SMC reaction: Assessing their anti-seizure potential through electroencephalogram evaluation and molecular docking studies	2024	Arabian Journal of Chemistry	17	9		
476.	F., Rana, Farah; B., Hussain, Bilal; A.A., Nassani, Abdelmohsen A.; A., Hussain, Ayesha; M., Haffar, Mohamed; S.A.A., Naqvi, Syed Asif Ali	Contribution of hydro energy production, economic complexity and technological innovation in achieving an environmentally sustainable Asia	2024	Geoscience Frontiers	15	5		

477.	A., Shabbir, Aisha; S.A., Hassan, Syed Ali; H., Hanif, Hafsa; R., Rauf, Rabia; S.T., Muntaha, Sidra Tul; M., Jubbar, Muqdas; R.M., Aadil, Rana Muhammad	Applications of cold plasma technique to enhance the safety and quality of different food products	2024	Measurement: Food	15			
478.	F.U., Rehman, Fazal Ur; M.A., Qayyum, Muhammad Abdul; K., Zainab, Kinza; S., Adeel, Shahid; N., Habib, Noman; R., Mia, Rony; M.A., Imran, Muhammad Ali; S., Nasir, Sidra	Cleaner isolation and application of sustainable new novel source of natural dye from tallow laureal (Litsea glutinosa) for silk dyeing	2024	Energy Science and Engineering	12	9	3718	3729
479.	S., Arif, Shazia; H.M., Ahmed, Hafiz Muhammad; S., Attacha, Safira; K.A., Attia, Kotb A.; A.A., Mohammed, Arif Ahmed; S., Ishaq, Saira; S.I., Awan, Shahid Iqbal; S., Fiaz, Sajid; W., Alam, Waseem; S., Yang, Seunghwan	Molecular Characterization and Comparative Transcriptomic Analysis of Hr-Lcyb and Hr-Psy Genes for Carotenoids Synthesis in Sea Buckthorn (Hippophae rhamnoides L.)	2024	Journal of Soil Science and Plant Nutrition	24	3	5055	5066
480.	E.A., Algehyne,	Computational	2024	BioNanoScience	14	3	2899	2908

	Ebrahim Ateatullah; M., Jawad, Muhammad; M., Mureed, Mudassir; H., Gull, Huma; S., Saeed, Sarwat	Exploration of Gyrotactic Microbes and Variable Viscosity Effects onÂ Flow of Chemically Reactive Nanofluid						
481.	N., Afshan, Noshin; R., Tariq, Ruba; I., Riaz, Iqra; A., Manan, Abdul; A., Iqbal, Azhar; M., Ejaz, Muhammad; A., Sohail, Amir; A., Bari, Alina; S., Mahmood, Sajid; S., Iqbal, Shahid	Antimicrobial framework nucleic acid-based DNAzyme cluster with high catalytic efficiency	2024	Journal of Chemical Technology and Biotechnology	99	9	2027	2034
482.	M., Sajid, Marina; S., Mehmood, Sajid; Y., Yuan, Yahong; T., Yue, Tianli; M.Z., Khalid, Muhammad Zubair; A., Mujtaba, Ahmed; S.A., Alharbi, Sulaiman Ali; M.J., Ansari, Mohammad Javed; A., Zinedine, Abdellah; J.M., Rocha, J. M.	Biosafety measures for Alicyclobacillus spp. strains across various levels of biohazard	2024	Food and Chemical Toxicology	191			
483.	R.S.A., Almufarij,	High	2024	Materials Chemistry and Physics	323			

	Rasmiah Saad A.; M.Y., Ali, Muhammad Yasir; A., Ali, Adnan; L.G., Alharbe, Lamiaa G.; E.A., Shokralla, Elsammani Ali; M.A., Fahmy, Mohamed Abdelsabour; S.H., Alrefaee, Salhah Hamed; A.H., Ragab, Ahmed H.; A., Ashfaq, Arslan; A.R., Abd-Elwahed, A. R.	thermoelectric power factor of SbPbTe thin alloy film grown by thermal evaporation and post-annealing treatment						
484.	M.U., Sajid, Muhammad Umar; R., Mushtaq, Rizwan; G., Murtaza, Ghulam; D., Yahiaoui, Dorra; V.E., Pereira, Vijay Edward	Financial literacy, confidence and well-being: The mediating role of financial behavior	2024	Journal of Business Research	182			
485.	W., Pathom-Aree, Wasu; P., Sattayawat, Pachara; S., Inwongwan, Sahutchai; B., Cheirsilp, Benjamas; N., Liewtrakula, Naruepon; W.,	Microalgae growth-promoting bacteria for cultivation strategies: Recent updates and progress	2024	Microbiological Research	286			

	Maneechote, Wageeporn; P., Rangseekeaw, Pharada; F., Ahmad, Fiaz; M.A., Mehmood, Muhammad Aamer; F., Gao, Fengzheng							
486.	A., Aslam, Ayesha; A., Bahadar, Ali; R., Liaquat, Rabia; A., Basit, Abdul	A novel application of Chlorella sorokiniana for green hydrogen production via microbial electrolysis and Waste Biorefinery	2024	Process Safety and Environmental Protection	189		164	176
487.	M.U., Khalid, Muhammad Uzair; R., Kousar, Rahila; M.I., Arshad, Muhammad Imran; N., Amin, Nasir; S.M., Siddeeg, Saifeldin M.; M., Amami, Mongi; M., Ahmad, Munir; M., Ibrar, Muhammad; M.M., Ajaz, Muhammad Mustansar	Improved magnetic, electrical, and dielectric characteristics of graphene nano- platelets (GNPs)- Integrated Ni _{0.4} Cd _{0.6} Fe ₁ .97Sm _{0.03} O ₄ ferrite composites synthesized via sol-gel auto- combustion	2024	Materials Chemistry and Physics	323			

		method						
488.	M., Hassan, Mudassir; A., Rasul, Azhar; F., Jabeen, Farhat; S., Sultana, Salma; M., Manan, Maria	Bombax ceiba extract and its metabolites as α -glucosidase inhibitors for diabetes	2024	Journal of King Saud University - Science	36	8		
489.	A., Raza, Asif; A.S., Farid, A. S.; M., Yousaf, Misbah; A.M., Alfares, Abdulgafor M.; A., Rasheed, Abdur; I.A., Khan, Ijaz Ahmad; M.A., Ghanem, Mohamed A.; K.M.H., Mohammed, Khaled M.H.	CVD based synthesis of binder free nanostructured MgS/MoS ₂ @NiF electrode material for asymmetric supercapacitor applications	2024	Electrochimica Acta	497			
490.	H., Ullah, Hameed; T.S., Alomar, Taghrid Saad; S.S., Hussain, Shahid Saddam; F.K., Shehzad, Farooq Khurum; K.S., Munawar, Khurram Shahzad; N., AlMasoud, Najla; M., Ammar, Muhammad; H.M.S., Asif, Hafiz Muhammad	Polyoxometalate based ionic liquids reinforced on magnetic nanoparticles: A sustainable solution for microplastics and heavy metal ions elimination from water	2024	Microchemical Journal	204			

	Shahzad; S.T., Muhammad, Sohail Tahir; M.M., Ajmal, Muhammad Maroof							
491.	F., Batool, Fatima; M.S., Shahid, Muhammad Shafiq; F., Mahmood, Faisal; T., Shahzad, Tanvir; F., Azeem, Farrukh; S., Hussain, Sabir; T.S., AlGarni, Tahani Saad; M.S., Elshikh, Mohamed Soliman; W.A., Al- Onazi, Wedad Altuhami; S., Mustafa, Sadia	Biosynthesis of copper nanoparticles using Bacillus flexus and estimation of their potential for decolorization of azo dyes and textile wastewater treatment	2024	Journal of King Saud University - Science	36	8		
492.	U., Farooq, Umar; A., Basem, Ali; S.A., Khan, Shan Ali; N., Fatima, Nahid; H., Liu, Haihu; M.A., Imran, Muhammad Ali; A., Ibrahim, Aqsa; T., Muhammad, Taseer	Melting Hydrothermal Analysis of MHD Hybridâ€‘Based Nanomaterials (SWCNTS- MWCNT/EG- Water) Flow Driven by Double Stretchable Rotating Disks	2024	BioNanoScience	14	3	2509	2528
493.	M.M., Ilyas, Muhammad Muzammal; A.,	Synthesis, microstructure, and	2024	Synthetic Metals	307			

	Manzoor, Alina; M.A., Khan, Muhammad Azhar; H.M.A., Shahzad, Hafiz Muhammad Aamir; A.M., Afzal, Amir Muhammad; M.N., Rasul, Muhammad Nasir; M.R., Saleem, Muhammad Rizwan	electromagnetic behavior of graphene nanoplatelets/CZ CF ferrite nanocomposites						
494.	I., Zafar, Imran; S., Imtiaz, Sara; F., Kanwal, Faheem; Z., Abbas, Zain; M., Azmat, Muhammad; A., UNAR, Ahsanullah; A.A., Khan, Azmat Ali; A.M., Alanazi, Amer M.; S., Nazir, Sadia; Q., Ul Ain, Qurat	In silico and in vitro study of bioactive compounds from Allium sativum with PTEN: A novel target and promising source for cancer diagnostic potentials	2024	Journal of King Saud University - Science	36	8		
495.	M.U., Waseem, Muhammad Umair; E.A., Algehyne, Ebrahim Ateatullah; N.O., Al-Atawi, Nawal Odah; G.V., Bogнар, Gabriella Vadaszne; M., Jawad,	Non-similar analysis of suction/injection and Cattaneo-Christov model in 3D viscoelastic non-Newtonian fluids flow due to Riga plate: A biological	2024	Alexandria Engineering Journal	103		121	136

	Muhammad; S., Naeem, Sidra	applications						
496.	S., Ali, Shamshair; R., Ghazal, Rubina; N., Qadeer, Nauman; O., Saidani, Oumaima; F., Alhayan, Fatimah; A., Masood, Anum; R., Saleem, Rabia; M.A., Khan, Muhammad Attique; D., Gupta, Deepak	A novel approach of botnet detection using hybrid deep learning for enhancing security in IoT networks	2024	Alexandria Engineering Journal	103		88	97
497.	L., Charfeddine, Lanouar; B., Hussain, Bilal; M., Kahia, Montassar	Analysis of the Impact of Information and Communication Technology, Digitalization, Renewable Energy and Financial Development on Environmental Sustainability	2024	Renewable and Sustainable Energy Reviews	201			
498.	A.A., Al-Huqail, Arwa Abdulkreem; S.M., Alghanem, Suliman Mohammed; S.A., Alghamdi, Sameera Abdullah; H.A.,	Coactive Application of Bacillus Mycoides PM35 and Calcium Oxide Nanoparticles Stimulate Gene	2024	Journal of Soil Science and Plant Nutrition	24	3	4224	4242

	Sakit Alhaithloul, Haifa Abdulaziz; S.A., Al-Robai, Sami Asir; A.I., Alalawy, Adel I.; F.M.A., AlZuaibr, Fahad Mohammed A.; A., Alasmari, Abdulrahman; B., Ali, Baber; M.H., Saleem, Muhammad Hamzah	Expression Responses in Maize (Zea Mays L.) under Chromium Stress						
499.	S.A., Khan, Shan Ali; M.A., Imran, Muhammad Ali; H.M., Waqas, Hassan M.; T., Muhammad, Taseer; S., Yasmin, Sumeira; A., Alhushaybari, Abdullah	Numerical analysis of multiple slip effects on CuO /MgO/TiO2-water ternary hybrid nanofluid with thermal and exponential space-based heat source	2024	Tribology International	197			
500.	S., Khalid, Shehla; M.S., Bilal, Muhammad Sajjad; N., Rasool, Nasir; M.A., Imran, Muhammad Ali	Photochemical reactions as synthetic tool for pharmaceutical industries	2024	Chinese Chemical Letters	35	9		
501.	A., Eder, Andreas; K., Salhofer, Klaus; A., Quddoos, Abdul	The impact of cereal crop diversification on farm labor	2024	Ecological Economics	223			

		productivity under changing climatic conditions						
502.	H., Zhu, Hui; B., Gu, Baoxiang; D., Zhao, Dong; Y., Ma, Yi; M.A., Mehmood, Muhammad Aamer; Y., Li, Yuzhu; K., Yang, Kangzhuo; Y., Wang, Yumeng; M., He, Manli; J., Zheng, Jia	Wuliangye strong aroma baijiu promotes intestinal homeostasis by improving gut microbiota and regulating intestinal stem cell proliferation and differentiation	2024	Journal of the Science of Food and Agriculture	104	12	7417	7428
503.	A., Raza, Asif; A.S., Farid, A. S.; A., Rasheed, Abdur; M., Yousaf, Misbah; I.A., Khan, Ijaz Ahmad; K.M.H., Mohammed, Khaled M.H.; M.A., Ghanem, Mohamed A.	Home-made chemical vapor deposition-based synthesis of binder-free nanostructured magnesium-molybdenum-sulfide electrode materials for supercapacitor application	2024	Journal of Physics and Chemistry of Solids	192			
504.	S., Oranab, Sadaf; H.M., Ahmad, Hafiz Muhammad; S., Fiaz, Sajid; A., Hussain, Athar; M.S., Rizwan,	Genome-wide characterization and expression analysis of cyclic nucleotide-gated ion channels	2024	Revista Brasileira de Botanica	47	3	885	900

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505.	F., Saeed, Farah; A., Kausar, Abida; Q., Ali, Qasim; A., Mahmood, Athar; T., Javed, Talha; R., Shabbir, Rubab; M.F., Ali, Muhammad Fraz	Glutathione and zinc application upregulate the antioxidant system increasing photosynthetic pigments and growth under water stress in maize (Zea mays L.)	2024	Revista Brasileira de Botanica	47	3	795	808
506.	I., Hussain, Iqbal; A., Ayub, Atif; A., Nayab, Airish; M.A., Ashraf, Muhammad Arslan; S., Hussain, Sadam; M.H., Siddiqui, Manzer H.; M.A., Sabir, Muhammad Azeem; U., Zulfiqar, Usman; T.H., Khan, Tanveer Hussain	Exogenous Application of Silicon and Zinc Attenuates Drought Tolerance in Eruca sativa L. Through Increasing Chlorophyll Pigments, Osmoprotectants , and Modulating Defense	2024	Journal of Plant Growth Regulation	43	9	3221	3237

		Mechanisms						
507.	M., Ahmed, Muhammad; R., Latif, Rukhsar; S., Seher, Shabaz; R., Sajjad, Rida; T., Hussain, Tariq; M.R., Islam, Muhammad Raza; A., Waleed, Abdul	Machine Learning-Based CO2 Hydrogenation to High-Value Green Fuels: A Comprehensive Review for Computational Assessment	2024	ASEAN Journal for Science and Engineering in Materials	3	2	195	216
508.	S., Rashid, Saima; R., Shafique, Rafia; S., Akram, Saima; S.K., Elagan, S. K.	New computations of the fractional worms transmission model in wireless sensor network in view of new integral transform with statistical analysis; an analysis of information and communication technologies	2024	Heliyon	10	16		
509.	A., Anam, Aisha; G., Abbas, Ghulam; S., Shah, Shahid; M.M., Saadullah, Malik M.; D.E., Shahwar, Dure E.; K., Mahmood,	Quantitative analysis of loxoprofen sodium loaded microspheres comprising pectin and its thiolated	2024	Heliyon	10	16		

	Khalid; M.S., Hanif, Muhammad Shahid; N., Ahmad, Nabeel; E., Basheer, Ejaz; A.J., Obaidullah, Ahmad J.	conjugates: In-vivo evaluation of their sustained release behavior						
510.	C., Zeng, Cheng; N.S., Alsaiani, Norah Salem; M.J., Saif, Muhammad Jawwad; M., Junaid Dilshad, M.; T.M., Akhtar, Tahir Mahmood; M., Isram, Muhammad; A., Ali, Adnan; S., Younus, S.; N., Alomayrah, Norah; M.S.A., Al-Buriahi, Mohammaed Sultan Abdulghaffar	Modulation of dielectric and antibacterial properties of Zn0.5Mn0.5O nanoparticles by post growth annealing method	2024	Heliyon	10	16		
511.	N., Abbas, Nadeem; S.A., Zanib, Syeda Alishwa; S., Ramzan, Sehrish; A., Nazir, Aqsa; W.A., Shatanawi, Wasfi A.	A conformable mathematical model of Ebola Virus Disease and its stability analysis	2024	Heliyon	10	16		
512.	K., Tryma, Kateryna; E.,	Gender issues in government and	2024				1	610

	Alaverdov, Emilia; M.W., Bari, Muhammad Waseem	management						
513.	K., Tryma, Kateryna; E., Alaverdov, Emilia; M.W., Bari, Muhammad Waseem	Preface	2024				xviii	xxiii
514.	M.A., Riaz, Muhammad Asam; G., Rasool, Ghulam; M., Abbas, Mazhar; N., Munir, Naveed; S., Irshad, Saba; I.M., Tahir, Imtiaz Mahmood	Plants and phytochemicals for prevention and cure of hypertension	2024				87	105
515.	N.E., Fatima, Noor E.; S.M.u., Hassan, Syed Mujtaba ul; M.F.E., Fakhar-E- Alam, Muhammad F.E.; M., Asif, Muhammad; S., Imtiaz, Sana; S., Anwar, Shahzad; H., Arooj, Hurriyat; M.A., Imran., Muhammad Asjad	Development of a novel fluorescence spectroscopy based method using layered double hydroxides to study degradation of E. coli in water	2024	Journal of Molecular Structure	1310			
516.	T., Munir, Tariq; A., Mahmood, Arslan; N., Abbas, Numan;	Fabrication of Zinc Doped Titanium Dioxide	2024	ACS Omega	9	32	3484 1	34847

	A., Sohail, Amjad; Y., Khan, Yasink; S., Rasheed, Saba; I., Ali, Irfan	Nanoparticles to Inhibit Escherichia coli Growth and Proliferation of Liver Cancer Cells (HepG2)						
517.	A., Shahid, Aqsa; A., Arshad, Aniq; B., Aslam, B.; M.A., Ali, Muhammad Akhtar; S., Munir, Samman; S., Aslam, Sehar; M., Khurshid, Mohsin	Antimicrobial resistance: Causes, mechanisms, origins and characterization	2024				382	396
518.	M.M., Raziq, Muhammad Mustafa; S., Saleem, Sharjeel; M.S.U.K., Sumbal, Muhammad Saleem Ullah Khan; M., Ikramullah, Malik	Linking formal institutional distance, subsidiary autonomy forÂ innovation and subsidiary global (value-added) mandates	2024	Cross Cultural and Strategic Management	31	3	437	458
519.	A.G., Woldegiorgis, Alemayehu Gashaw; A., Mustafai, Aleena; F.Y., Muhammad, Faisal Yasin; R., Farooqi, Rehmatullah; L.D., Tolesa, Leta Deressa; K., Aimun,	Stereoselective Synthesis of Axially Chiral Allenes and Styrenes via Chiral Phosphoric Acid Catalysis: An Overview	2024	ACS Omega	9	31	3335 1	33364

	Khadija							
520.	M.K., Abbas, Muhammad Khawar; M.Y., Javed, Muhammad Yasir; N.A., Shad, Naveed Akhtar; M.U., Shahid, Muhammad Usman; B., Akhtar, Bushra; E., Yasin, Effat; S.K., Sharma, Surender Kumar; N.T.K., Thanh, Nguyen Thi Kim	Polymer coated magnesium hydroxide nanoparticles for enhanced wound healing	2024	New Journal of Chemistry	48	40	1739 6	17410
521.	R., Riaz, Rabeea; I., Bibi, Ismat; F., Majid, Farzana; S., Kamal, Shagufta; M.M., Al Huwayz, Maryam M.; K., Jilani, Kashif; A., Ghafoor, Aamir; Q., Raza, Qasim; N.M., Alwadai, Norah Muhammad; M.A., Iqbal, Munawar Aqeel	NiFe ₂ O ₄ /CuO heterostructures optical, magnetic and photocatalytic properties: Methylene blue dye degradation under solar light irradiation	2024	Journal of Molecular Structure	1309			
522.	M., Aziz, Mahwash; R., Ramzan, Rabia; S., Khalid, S.; A., Sameen, Ayesha; N., Khalid, Nazia; R., Batool,	Comparative assessment of natural and synthetic preservatives on shelf stability of	2024	International Food Research Journal	31	4	872	885

	Rizwana; Z., Muhammad, Zafarullah	spinach smoothies						
523.	M.N., Akhtar, Muhammad Nadeem; L.S., Yee, Liew Syn; S., Zareen, Seema; T., Shabir, Tayyaba; S., Iqbal, Sarosh	Antibacterial and Cytotoxicity Effect of Flavokawain B Loaded Silver Nanoparticles	2024	Journal of the Chemical Society of Pakistan	46	4	353	360
524.	N., Fitria, Najmiatul; D., Febiana, Dian; M.S., Akram, Muhammad Sohail; R., Yosmar, Rahmi	Aspirin- clopidogrel combination therapy for ischemic stroke patients: Clinical efficacy and cost- effectiveness analyses in low- resource setting	2024	Narra J	4	2		
525.	S.M., Hussain, Syed Makhdoom; A.I., Hussain, A. I.; S., Ali, Shafaqat; N., Ahmad, Nisar; M.I., Hussain, Majid I.; D., Riaz, Danish; U., Rashid, U.; Z., Yousaf, Zeeshan; H.H., Shafqat, Hafiza Hina	PLANT DERIVED OILS AS SUBSTITUTE FOR FISH OIL IN DIETS FOR ROHU (LABEO ROHITA): EFFECTS ON GROWTH PARAMETERS, NUTRIENT DIGESTIBILITY AND WHOLE- BODY COMPOSITION	2024	Journal of Animal and Plant Sciences	34	4	1065	1072

526.	M.Z.U.H., Arsalan, Muhammad Zubair UI Hassan; S.M., Hussain, Syed Makhdoom; N., Ahmad, Nisar; B., Ahmad, Bilal; Z., Yousaf, Zeeshan; M.N., Faisal, Muhammad Naeem; A., Naeem, Adan	REPLACING FISH MEAL BY CANOLA MEAL AND SUPPLEMENTING WITH PHYTASE AND CITRIC ACID FOR IMPROVING MINERAL DIGESTIBILITY IN <i>Cirrhinus mrigala</i> FINGERLINGS	2024	Journal of Animal and Plant Sciences	34	4	896	903
527.	G., Chang, Guanling; I., Yasin, Iftikhar; S.M.M.A., Naqvi, Syed Muhammad Muddassir Abbas	Environmental Sustainability in OECD Nations: The Moderating Impact of Green Innovation on Urbanization and Green Growth	2024	Sustainability (Switzerland)	16	16		
528.	Liza; G.S., Hussain, Ghulam Sabir; A., Malik, Abdul; S., Akhtar, Suhail; H., Anwar, Haseeb	<i>Artemisia vulgaris</i> Extract as a Novel Therapeutic Approach for Reversing Diabetic Cardiomyopathy in a Rat Model	2024	Pharmaceuticals	17	8		
529.	S., Fatima, Sadaf; M.K.K., Khosa, Muhammad Kaleem Khan; A., Noor, Awal; S., Qayyum, Sadaf; M.,	Hydrometallurgical Extraction of Valuable Metals by Mixed Acid Leaching System for Used Lithium-	2024	Sustainability (Switzerland)	16	16		

	El Oirdi, Mohamed	Ion Batteries						
530.	S., Naz, Saba; S., Kiran, Shumaila; T., Gulzar, Tahsin; T.N., Farooq, Tahir Naveed	The photocatalytic performance of Co3 O4 /Na-alginate nanocomposite for the dynamic removal of direct red 31 dye: degradation and mechanical pathways	2024	Global Nest Journal	26	7		
531.	R., Li, Renxian; H., Tang, Huan; M., Zhang, Mingyu; F., Liu, Fengbei; R., Yang, Ruiping; N., Khaleel, Naila; M., Arfan, Muhammad; M.H., Asif, Muhammad Hassan; I.V., Minin, I. V.; O.V., Minin, Oleg Vladilenovich	Tunable Photonic Hook Design Based on Anisotropic Cutting Liquid Crystal Microcylinder	2024	Photonics	11	8		
532.	A., Sarwar, Ayesha; B., Aslam, B.; M.H., Rasool, Muhammad Hidayat; M.M., Salem-Bekhit, Mounir Mohamed; J.J., Sasanya, James Jacob	A Health Threat from Farm to Fork: Shiga Toxin-Producing Escherichia coli Co-Harboring blaNDM-1 and mcr-1 in Various Sources of the	2024	Pathogens	13	8		

		Food Supply Chain						
533.	Q., Nigar, Qandeela; M., Hassan, M.; R.M., Rana, Rashid Mehmood; S.M., Satti, Sadia Mehmood; S., Ali, Summaira; M.F.K., Pasha, Muhammad Farhan Khan; I., Ali, Irfan; H.M., Ahmad, Hafiz Muhammad; S.M., Al-Obaid, Sami M.; M.J., Ansari, Mohammad Javed	Phenotypic and Molecular Profiling of Vitis Vinifera L. Genotypes Against Anthracnose Through SCAR Markers	2024	Journal of Crop Health	76	4	793	798
534.	M.A., Raza, Muhammad Ali; F., Tariq, Farah; A.A., Zaagan, Abdullah A.; G.M., Engmann, Gideon Mensah; A.M.Y., Mahnashi, Ali Mohammed Y.; M.Z., Meetei, Mutum Zico	A nonparametric mixed exponentially weighted moving average-moving average control chart with an application to gas turbines	2024	PLOS ONE	19	45877		
535.	Q., Tabassam, Qaisra; M.S.A., Ahmad, Muhammad Sajid Aqeel; A.K., Alvi, Ambreen Khadija;	Correction to: Accumulation of Different Metals in Tomato (Lycopersicon esculentum L.)	2024	Applied Sciences (Switzerland)	14	15		

	M.H., Awais, Muhammad Huzaifa; P., Kaushik, Prashant; M.A.R.M., El-Sheikh, Mohamed Abd Rouf Mousa	Fruits Irrigated with Wastewater (Applied Sciences, (2023), 13, 17, (9711), 10.3390/app13179711)						
536.	S.A.A., Naqvi, Syed Ali Asad; A., Tariq, Aqil; M., Shahzad, Mudsar; S., Khalid, Shoaib; Z., Tariq, Zara; U., Salma, Ume; M., Haseeb, Muhammad; W.H., Soufan, Walid H.	Predicting soil erosion risk using the revised universal soil loss equation (RUSLE) model and geo-spatial methods	2024	Hydrological Processes	38	8		
537.	D., Zheng, Dan; A., Addas, Abdullah; L.A., Waseem, Liaqat Ali; S.A.A., Naqvi, Syed Ali Asad; M., Ahmad, Muneeb; K., Sharif, Kashif	The hidden costs of inflation: A critical analysis of industrial development and environmental consequences	2024	PLOS ONE	19	45877		
538.	M., Azeem, Muhammad; G., Mustafa, Ghulam; S., Ahmed, Sibtain; A., Mushtaq, Amna; M., Arshad, Muhammad; M., Usama, Muhammad; M.U., Farooq,	Structure based screening and molecular docking with dynamic simulation of natural secondary metabolites to target RNA-	2024	PLOS ONE	19	45877		

	Muhammad Umar	dependent RNA polymerase of five different retroviruses						
539.	F., Islam, Fakhrul; L.A., Waseem, Liaqat Ali; T., Bibi, Tehmina; W., Ahmad, Waqar; M., Sadiq, Muhammad; M., Ullah, Matee; W.H., Soufan, Walid H.; A., Tariq, Aqil	Soil erosion susceptibility mapping of Hangu Region, Kohat Plateau of Pakistan using GIS and RS-based models	2024	Journal of Mountain Science	21	8	2547	2561
540.	S., Naseem, Shahid; M., Anwar, Muhammad; M.Y., Faheem, Muhammed Yasir; M.M., Fayyaz, Muhammad M.; M.S., Arshad Malik, Muhammad Sheraz	Bayesian-Edge system for classification and segmentation of skin lesions in Internet of Medical Things	2024	Skin Research and Technology	30	8		
541.	A., Ayub, Asif; K., Srithilat, Khaysy; I., Fatima, Irum; N.M., Panduro-Tenazoa, Nadia Masaya; I., Ahmed, Iqbal; M.U., Akhtar, Muhammad Usman; W., Shabbir, Waqas; K., Ahmad, Khalil; A.,	Retraction note: Arsenic in drinking water: overview of removal strategies and role of chitosan biosorbent for its remediation (Environmental Science and	2024	Environmental Science and Pollution Research	31	37	4993 3	

	Muhammad, Ali	Pollution Research, (2022), 29, 43, (64312-64344), 10.1007/s11356-022-21988-z)						
542.	M., Jabeen, Mehwish; M., Shahzadi, Mafia; A., Hussain, Aftab; A., Unbrin, Aqila; S., Ehsaan, Saba	Evaluating internet-based Cognitive Behavioural Therapy (CBT) for body dysmorphic disorder: A systematic review	2024	Journal of the Pakistan Medical Association	74	8	1488	1494
543.	C., Zhang, Chunyun; L., Li, Luoxin; J.J., Alava, Juan JosÃ©; Z., Yan, Zebang; P., Chen, Peng; Y., Gul, Yasmeen; L., Wang, Lixin; D., Xiong, Dongmei	Female zebrafish (Danio rerio) exposure to polystyrene nanoplastics induces reproductive toxicity in mother and their offspring	2024	Aquatic Toxicology	273			
544.	M.A., Sarwar, Muhammad Amir; B., Rasool, Bilal; N., Ahmad, Nazir; S.M.M., Shah, Sayed Muhammad Masoom	Impacts of low temperatures, storage durations and food attractants in the parasitoid <i>Dirhinus giffardii</i> (Silvestri) and host <i>Bactrocera zonata</i>	2024	International Journal of Tropical Insect Science	44	4	2031	2037

		(Saunders)						
545.	N., Sarfraz, Nafeesa; N., Kanwal, Nosheen; M., Ali, Muzahir; K., Ali, Kashif; A., Hasnain, Ali; M., Ashraf, Muhammad; M.M., Ayaz, Mazhar Mazhar; J., Ifthikar, Jerosha; S., Ali, Shahid; A.H.Y., Hendi, Abdulmajeed Hasan Yahya	Materials advancements in solid-state inorganic electrolytes for highly anticipated all solid Li-ion batteries	2024	Energy Storage Materials	71			
546.	M.H., Tahir, Mudassir Hussain; N., Sultan, Nimra; Z., Shafiq, Zunaira; I.M.I., Moussa, Ihab Mohamed Ibrahim; S., Sridhara, S.; M.R.S.A., Janjua, Muhammad Ramzan Saeed Ashraf	Design of organic electronic materials with lower exciton binding energy: machine learning analysis and high-throughput screening	2024	Optical and Quantum Electronics	56	8		
547.	U., Farooq, Umar; H., Liu, Haihu; A.A., Basem, Ali A.; N., Fatima, Nahid; A., Alhushaybari, Abdullah; M.A.,	Computational investigation of methanol-based hybrid nanofluid flow over a stretching	2024	Journal of Computational Design and Engineering	11	4	73	82

	Imran, Muhammad Ali; N.B., Ali, Naim Ben; T., Muhammad, Taseer	cylinder with Cattaneo-Christov heat flux						
548.	M.A., Basit, Muhammad Abdul; M.A., Imran, Muhammad Ali; A., AkgÃ¼l, Ali; M.K., Hassani, Murad Khan; A., Alhushaybari, Abdullah	Mathematical analysis of heat and mass transfer efficiency of bioconvective Casson nanofluid flow through conical gap among the rotating surfaces under the influences of thermal radiation and activation energy	2024	Results in Physics	63			
549.	S., Saleem, Sana; I., Mukhtar, Imran; H.Y., Aati, Hanan Y.; H., Muzaffar, Humaira; H., Anwar, Haseeb; M., Hussain, Musaddique; M.M., Ahmad, Maqsood M.; M., Umair, Muhammad; K.U.R., Khan, Kashif Ur Rehman	Effects of Withania somnifera (L.) Dunal in acute pulmonary pathophysiology in a rat model of smoke-induced lung injury and role of IRS-1 and SOX-2	2024	South African Journal of Botany	171		757	767

550.	Y.M., Aboel-Magd, Yasser M.; A.A., Basem, Ali A.; U., Farooq, Umar; N., Fatima, Nahid; S., Noreen, Sobia; H.M., Waqas, Hassan M.; A., AkgÄ¼l, Ali; M.M., Odeh, Mahmoud M.; M., Iftikhar, Muhammad	Computational modeling of thermal radiation and activation energy effects in Casson nanofluid flow with bioconvection and microorganisms over a disk	2024	International Journal of Thermofluids	23			
551.	M.M., Mohsin, Muhammad Mubeen; N., Yaqoob, Nazia; S., Kamal, Shagufta; S., Rehman, Saima	Solar light driven degradation of piroxicam and paracetamol by heterogeneous photocatalytic fenton system: Process optimization, mechanistic studies and toxicity assessment	2024	Chemosphere	362			
552.	S., Ramzan, Sehrish; S., Rashid, Saima; M.A., Shah, Muzamil Abbas; S.K., Elagan, S. K.	Exploring the dynamical bifurcation and stability analysis of Nipah virus; novel perspectives utilizing fractional calculus	2024	Modeling Earth Systems and Environment	10	4	5427	5448

553.	M.A., Imran, Muhammad Ali; A., Yasmeen, Aneeqa; M.A., Aslam, Muhammad Asad; A.M., Afzal, Amir Muhammad; M.W., Iqbal, Muhammad Waqas; S., Mumtaz, Sohail; M.D., Albaqami, Munirah D.; S.M., Mohammad Wabaidur, Saikh Mohammad; N., Kanwal, Nosheen; S., Safdar, Samia	Advanced rGO@CNTs@Mn SrS nanocomposite for supercapattery and electrochemical sensor	2024	Diamond and Related Materials	147			
554.	S., Hina, Saadia; F., Saleem, Farhan; A., Hina, Alina; I., Ullah, Irfan; T., Bibi, Tehmina; T., Mahmood, Tariq	Exploring trends and variability of climate change indices in the agro-ecological zones of Pakistan and their driving mechanisms	2024	International Journal of Climatology	44	10	3589	3612
555.	M.K., Okla, Mohammad Khair; S., Mumtaz, Sahar; S., Javed, Sadia; I.A., Saleh, Ibrahim A.; N., Zomot, Naser; Y.A., Alwasel, Yasmeen	Elucidating the role of rice straw biochar in modulating Helianthus annuus L. antioxidants, secondary	2024	Plant Physiology and Biochemistry	213			

	A.; M.A., Abdel-Maksoud, Mostafa A.; B., Song, Baiquan; M.F., Adil, Muhammad Faheem	metabolites and soil post-harvest characteristics in different types of microplastics						
556.	M.A., Irshad, Muhammad Atif; Abdullah; M., Latif, Maria; I., Nasim, Iqra; R., Nawaz, Rab; A.F., Zahoor, Ameer Fawad; A.A., Al-Mutairi, Aamal A.; S.A., Alâ€Hussain, Sami A.; A., Irfan, Ali; M.E.A., Zaki, Magdi Eâ€A.	Efficient chromium removal from leather industrial wastewater in batch experimental study: Green synthesis and characterization of zinc oxide nanoparticles using Ficus benghalensis extracts	2024	Ecotoxicology and Environmental Safety	281			
557.	J., Naseem, Jazia; Q., Ali, Qasim; F., Saeed, Farah; R., Perveen, Rashida; M., Rizwan, Muhmmad	Effects of drought on morpho-physiological attributes and secondary metabolites of wheat genotypes: Growth traits, seed yield and stress tolerance indices	2024	South African Journal of Botany	171		425	446
558.	H., Edwards, Henry; W., Mustfa,	Pharmacotherap eutic potential of	2024	Food and Chemical Toxicology	190			

	Warda; S., Tehreem, Shahaba; A.M., Salamatullah, Ahmad Mohammad; M., Bourhia, Mohamed; A., Ghafoor, Ayesha	malvidin to cure imidacloprid induced hepatotoxicity via regulating PI3K/AKT, Nrf- 2/Keap-1 and NF- ÎB pathway						
559.	M.R.S.A., Janjua, Muhammad Ramzan Saeed Ashraf; Z., Shafiq, Zunaira; S., Shahzadi, Sehar; U., Rehman, Umatu; S., Shoukat, Sumaira; R., Azeem, Roman; S.H., Ali, Syed Haroon; L.K.M.O., Goni, Lipiar Khan Mohammad Osman	Recent Developments and Future Challenges for Perovskite Solar Cells: Physical Insights to Improve PCE	2024	Brazilian Journal of Physics	54	4		
560.	Z.K., Javaid, Zartashia Kynat; Z., Chen, Zhuo; M., Ramzan, Muhammad	Assessing stress causing factors and language related challenges among first year students in higher institutions in Pakistan	2024	Acta Psychologica	248			
561.	Y., Wang, Yiyu;	Dark triad and	2024	Acta Psychologica	248			

	M.W., Bari, Muhammad Waseem; S., Shaheen, Sadia; X., Liu, Xiaoying	knowledge hiding in firms: Mediating role of perceived organizational politics						
562.	H., Huzaifa Ihsan, Hafiz; A., Yusaf, Amnah; M., Usman, Muhammad; M.S., Saeed, Muhammad Shahzad; A., Mansha, Asim; M., Atif Saleem, Muhammad; S., Haider, Sajjad; K., Alam, Kamran; A., Fawad Zahoor, Ameer; M.N., Sadiq, Muhammad Nasir	Physicochemical investigations of nootropic drug piracetam for enhanced solubilization as nano drug carrier under the influence of single and mixed micellar formulations: An optimized approach towards drug delivery	2024	Journal of Molecular Liquids	407			
563.	M., Usman, Muhammad; A.Z., Khan, Aqib Zafar; S., Malik, Sana; W., Xiong, Wenlong; Y., Lv, Yongkun; S., Zhang, Shen; A., Zhao, Anqi; A.E., Solovchenko, Alexei E.; M.A., Alam, Md Asraful; A.H., Alessa,	A novel integrated approach employing Desertifilum tharense BERC-3 for efficient wastewater valorization and recycling for developing peri-urban algae	2024	Chemosphere	361			

	Abdulrahman H.	farming system						
564.	H., Zulfiqar, Hira; A.I., Hussain, A. I.; Q., Ali, Qasim; H.A., Rathore, Hassaan Anwer; I., Ahmed, Iqbal	Phenolic profile, nutritional potential and biological activities of wildy grown accessions of Cucumis melo var. Agrestis	2024	Journal of King Saud University - Science	36	7		
565.	A.S., Al-Qahtani, Ali S.; S., Ramzan, Sehrish; S.A., Zanib, Syeda Alishwa; A., Nazir, Aqsa; K., Masood, Khalid; M.Y., Malik, Muhammad Yousaf	Mathematical modeling and simulation for malaria disease transmission using the CF fractional derivative	2024	Alexandria Engineering Journal	101		193	204
566.	I., Shakir, Imran; B.I., Basha, Beriham Ibrahim; N.S., Alsaiani, Norah Salem; J., Arshad, Javaria; Z.A., Alrowaili, Ziyad Awadh; M.U., Naeem, Muhammad Usama; M.S.A., Al-Buriahi, Mohammaed Sultan Abdulghaffar; A., Manzoor, Alina	Mg doped zinc manganese spinel ferrite: Fabrication and investigation of the structural and photocatalytic properties	2024	Journal of the Indian Chemical Society	101	8		
567.	M., Rahman,	Particulate	2024	Journal of King Saud University - Science	36	7		

	Mustafizur; K., Hasan, Kamrul; M.A.B., Siddique, Md Abu Bakar; B., Ambade, Balram; M.A., Hussain, Md Alamgir; M.A., Salam, M. Abdus; S., Tariq, Salman; M.K., Ibrahim, Muhammad Khalid	matter concentrations around natural gas-fired power plants and their associated health impact assessment						
568.	S.A.R., Naqvi, Syed Ali Raza; A.J., Hassan, Ahmad Junaid; M.R.S.A., Janjua, Muhammad Ramzan Saeed Ashraf; N., Abbas, Naseem; A.F., Zahoor, Ameer Fawad; S., Ul-Hassan, Sadaf; A., Hussain, Amjad	Radiolabeling and preclinical animal model evaluation of DTPA coupled 99mTc-labelled flutamide complex ([99mTc]DTPA-FLUT) as a potential radiotracer for cancer imaging	2024	Acta Radiologica	65	8	940	949
569.	M., Tariq, Maryam; N., Ahmad, Nazir; M.U., Mehr-un-Nisa, Mahrnun Un; M.A., Rahim, Muhammad Abdul; E., Zongo, Eliasse	Phytochemicals profiling of Cassia fistula fruit extract and its effect on serum lipids and hematological parameters in high-fat diet-induced	2024	Food Science and Nutrition	12	8	5776	5784

		hyperlipidemic female rats						
570.	A.A., Aioub, Ahmed A.A.; S., Ghosh, Soumya; A.M.H., Al-Farga, Ammar Mohammed Hamood; A.N., Khan, Allah Nawaz; R., Bibi, Rabia; A.M., Elwakeel, Abdullah M.; A., Nawaz, Asma; N.T., Sherif, Naglaa T.; S.A., Elmasry, Sohaila A.; E.E., Ammar, Esraa E.	Back to the origins: biopesticides as promising alternatives to conventional agrochemicals	2024	European Journal of Plant Pathology	169	4	697	713
571.	N., Iftikhar, Nosheen; S., Perveen, Shagufta	RIBOFLAVIN (VITAMIN B2) PRIMING MODULATES GROWTH, PHYSIOLOGICAL AND BIOCHEMICAL TRAITS OF MAIZE (ZEA MAYS L.) UNDER SALT STRESS	2024	Pakistan Journal of Botany	56	4	1209	1224
572.	K., Tul-Kubra, Khadija; S., Gulshan, Samra; R., Ali, Rooh	Exploring the influence of burial and cremation practices on	2024	Modeling Earth Systems and Environment	10	4	4759	4786

		Nipah virus transmission: a SIRD model analysis						
573.	M.K., Tahir Malik, Muhammad Kamran; M., Fakhr-E-Alam, Muhammad; F., Ullah, Farman; S.M., Ramay, Shahid Mahmood; M., Saleem, Murtaza	A comparative study of DFT and experimental investigations for exploring the effect of Ti doping on the electronic, structural, and optical properties of Cu ₂ O	2024	Physica B: Condensed Matter	686			
574.	M.U., Mehr-un-Nisa, Mahrnun Un; L.M., Kasankala, Ladislaus Manaku; F.A., Khan, Faima Atta; F., Al-Asmari, Fahad; M.A., Rahim, Muhammad Abdul; I., Hussain, Imtiaz; A.I., Angelov, Angel I.; E., BartkienÄ—, Elena; J.M., Rocha, J. M.	Impact of resistant starch: Absorption of dietary minerals, glycemic index and oxidative stress in healthy rats	2024	Clinical Nutrition ESPEN	62		1	9
575.	B., Younas, Bisma; G.M., Mustafa, Ghulam Muhammad; S., Saba, Sadaf; S.M.,	Optimization of dielectric response in BiFeO ₃ â€“CoFe ₂ O ₄	2024	Ceramics International	50	15	2723 7	27254

	Ramay, Shahid Mahmood; N.S., AlZayed, Nasser Saleh; S., Atiq, Shahid; S., Aftab, Sikandar	nanocomposites for high frequency energy storage devices						
576.	K., Aftab, Kiran; J., Javed, Javeria; U., Habibhah Siddiqua, Umme; A., Malik, Ayesha; A., Hassan, Afifa; M., Rizwan Khan, Mohammad; R., Busquets, Rosa; N., Ahmad, Naushad; A., Haque, Anzarul	Process optimization and method validation for efficient valorization of low- grade coal into humic substances	2024	Fuel	369			
577.	M., Yasar, Muhammad; Z., Khan, Zahra; M., Ibrahim, Muhammad; F., Noreen, Fozia	Superior photodegradation efficiency of enrofloxacin by aluminum-doped Ni _{0.4} Mn _{0.3} Cu _{0.3} Al _{0.4} Fe _{1.6} O ₄ (X = 0, 0.4) spinel nanoparticles synthesized via sol-gel method	2024	Reaction Kinetics, Mechanisms and Catalysis	137	4	2487	2505
578.	M., Maqbool, Misbah; R., Munir, Ruba; F., Younas, Fazila; A., Muneer, Amna; M.F., Sardar,	LDHs-Ferrite- Biochar-Polymeric Composites for Enhanced Adsorption-Desorption of Acid	2024	Journal of Inorganic and Organometallic Polymers and Materials	34	8	3786	3816

	Muhammad Fahad; R., Nadeem, Raziya; M., Zahid, Muhammad; M.A., Yaseen, Muhammad Ahsan; G.I., Albasher, Gadah Ibraheem; S., Noreen, Saima	Blue 41 and Real Textile Wastewater Purification: A Batch and Column Study						
579.	S., Iqbal, Shabnoor; T., Omara, Timothy	Matricin Modulates Carbamazepine-Induced Acute Tubulointerstitial Nephritis in Rat Models of Alzheimer's Disease via MEK-JAK2-STAT3 Signaling	2024	Revista Brasileira de Farmacognosia	34	4	843	852
580.	F.M.A., Alzahrani, Fatimah Mohammed A.; S., Parveen, Sajida; Z.A., Alrowaili, Ziyad Awadh; M.S.A., Al-Buriahi, Mohammaed Sultan Abdulghaffar; A., Manzoor, Alina; M., Anwar, Mamoon; M.,	CuxMg(0.6)Zn(0.4)Fe2O4 Nanomaterials and Their Composite for Photocatalytic Degradation of Colored and Colorless Effluents Under Xenon Lamp	2024	Journal of Inorganic and Organometallic Polymers and Materials	34	8	3721	3735

	Suleman, Muhammad							
581.	A., Ahmad, Aqeel; M.S., ARIF, Muhammad Saleem; S.M., Shahzad, Sher Muhammad; T., Yasmeen, Tahira; A., Shakoor, Awais; S., Iqbal, Shahid; A., Riaz, Asam; A., Zahid, Anjum; S.J., Chapman, Stephen James	Long-term raw crop residue but not burned residue incorporation improved soil multifunctionality in semi-arid agroecosystems	2024	Soil and Tillage Research	240			
582.	S., Parveen, Shakeela; K., Abbas, Khalid; M.H., Tayyab, Muhammad Haleem; M.S., Hussain, Muhammad Shahzad; H., Naz, Huma; L., Shafique, Laiba	Microsatellite and mtDNA-based exploration of inter-generic hybridization and patterns of genetic diversity in major carps of Punjab, Pakistan	2024	Aquaculture International	32	4	5241	5268
583.	M.A., Malik, Muhammad Awais; H.M., Zubair, Hafiz Muhammad; H., Nadeem, Humaira; J.W., Hill, Jennifer W.; J., Ali, Jawad; A., Saleem,	Benzimidazole Derivative (N-{4-[2-(4-Methoxyphenyl)-1H-Benzimidazole-1-Sulfonyl] Phenyl} Acetamide)	2024	Inflammation	47	4	1185	1203

	Ammara; R., Asghar, Rabia; S., Khan, Samiullah; T., Maqbool, Tahir; M.F., Akhtar, Muhammad Furqan	Ameliorates Methotrexate- Induced Intestinal Mucositis by Suppressing Oxidative Stress and Inflammatory Markers in Mice						
584.	B., Qamar, Beenish; S., Saleem, Sharjeel; L.P., Maher, Liam P.	An Examination of the Inverse Relationship Between Dimensions of Political Skill and Interpersonal Conflict at Work: Exploring Perceived Control as a Mediating Factor	2024	Psychological Reports	127	4	1886	1910
585.	M., Ullah, Munzer; A., Hussain, Amjad; M.A., Imran., Muhammad Asjad; M.A., Sajid, Muhammad Asim; R., Riaz, Rashid; A.K., Qureshi, Ahmad Kaleem; M.A., Ayub, Muhammad Adnan; M.K., Ibrahim, Muhammad	Optimisation of a novel rubber degrading strain Brucella sp. BA23	2024	Journal of Rubber Research	27	3	275	282

	Khalid; A., Parvaiz, Azka; M.T., Saleh, Muhammad Tahir							
586.	S., Jamil, Saba; R., Afzal, Rabia; S.R., Rauf Khan, Shanza Rauf; M., Shabbir, Mehwish; N.S.M., Alhokbany, Norah Saad M.; S., Li, Songnan; M.R., Saeed Ashraf Janjua, Muhammad Ramazan	Photocatalytic degradation of indigo carmine dye by hydrothermally synthesized graphene nanodots (GNDs): investigation of kinetics and thermodynamics	2024	RSC Advances	14	33	2397 3	23986
587.	M., Ishtiaq, Memoona; H., Manzoor, Hina; I.U., Khan, Ikram Ullah; S., Asghar, Sajid; M.H., Irfan, Muhamamd Hamza; N.A., Albekairi, Norah A.; A.M., Alshammari, Abdulrahman Mohammed; A.F., Alqahtani, Abdulrahman F.; S., Alotaibi, Saad; R., Munir, Rabia	Curcumin-loaded soluplus® based ternary solid dispersions with enhanced solubility, dissolution and antibacterial, antioxidant, anti-inflammatory activities	2024	Heliyon	10	14		
588.	A., Sharif, Aqsa; S.M., Hussain, Syed Makhdoom; S., Ali,	Exploring the effects of supplementing	2024	Heliyon	10	14		

	Shafaqat; M.S., Rizwan, Muhamamd Shahid; K.A., Al-Ghanim, Khalid Abdullah; J.W.H., Yong, Jean Wan Hong	monoterpenoids in Moringa oleifera based-diet in Oreochromis niloticus: Improving the growth performance, feed efficiency, digestibility and body composition						
589.	J., Zhang, Jiangsheng; K., Arshad, Khadeja; R., Siddique, Rida; H., Xu, Hao; A.M., Alshammari, Abdulrahman Mohammed; N.A., Albekairi, Norah A.; R.R., Bazmi, Rizwan Rashid; L., Hussain, Liaqat; J., Chen, Junbo	Phytochemicals-based investigation of Rubia cordifolia pharmacological potential against letrozole-induced polycystic ovarian syndrome in female adult rats: In vitro, in vivo and mechanistic approach	2024	Heliyon	10	14		
590.	M.Q., Azeem, Muhammad Qaisar; M.H., Siddique, Muhammad Hussnain; M.A., Imran, Muhammad Ali; M.W., Zubair, Muhammad	Assessing anticancer, antidiabetic, and antioxidant capacities in green-synthesized zinc oxide nanoparticles and	2024	Heliyon	10	14		

	Waqas; R., Mumtaz, Rabia; M., Younas, Madiha; M.A., Abdel- Maksoud, Mostafa A.; M.A., el-Tayeb, Mohamed A.; M.S., Rizwan, Muhamamd Shahid; J.W.H., Yong, Jean Wan Hong	solvent-based plant extracts						
591.	S., Fatima, Summaya; A.F., Zahoor, Ameer Fawad; S.G., Khan, Samreen Gul; S.A.R., Naqvi, Syed Ali Raza; S.M., Hussain, Syed Makhdoom; U., Nazeer, Usman; A., Mansha, Asim; H., Ahmad, Hamad; A.R., Chaudhry, Aijaz Rasool; A., Irfan, Ahmad	Baeyer-Villiger oxidation: a promising tool for the synthesis of natural products: a review	2024	RSC Advances	14	32	2342 3	23458
592.	Z., Liu, Zhouding; A., Hussain, Akhtar; T., Parveen, T.; T.F., Ibrahim, Tarek F.; O.O.Y., Karrar, Omniat O.Yousif; B.R., Al-Sinan,	Numerous optical soliton solutions of the Triki&Biswas model arising in optical fiber	2024	Modern Physics Letters B	38	20		

	Bushra R.							
593.	L., Rukh, Lala; S.S., Ullah, Saif S.; M.A.Q., Naqvi, Muhammad Ameer Qarib; I., Ahmad, Imtiaz; M.F., Nawaz, Muhammad Furqan; A., Shabir, Azhar; M.S., Shafiq, Muhammad Shahzad; F., Hafeez, Faisal; E., Elahi, Ehsan; A.M.A., Khan, Arslan Muhammad Ali	Cytotoxicity and genotoxicity induced by metal-based nanoparticles in humans and animals	2024	Letters in Animal Biology	4	2	1	10
594.	Z., Zhang, Zhongqing; Z., Wang, Zhiyu; J., Lu, Jianwei; J., Lyu, Jiayin; X., Zhuge, Xiangqun; K., Luo, Kun; Y., Ren, Yurong; H.M.A., Shahzad, Hafiz Muhammad Aamir; W., Lei, Weiwei; D., Liu, Dan	Enhancing Electrochemical Performance of Aluminum-Oxygen Batteries with Graphene Aerogel Cathode	2024	Small Methods	8	7		
595.	R., Saeed, Rabia; S.A., Tahir, Sofia Akbar; A., Ali, Adnan; H.M.A.,	AFORS-HET-based numerical exploration of tunnel oxide	2024	RSC Advances	14	31	2225 3	22265

	Albalawi, Hind Mohammed A.; A., Ashfaq, Arslan	passivated contact solar cells incorporating n- and p-type silicon substrates						
596.	M., Saleem, Mahnoor; S.M., Hussain, Syed Makhdoom; S., Ali, Shafaqat; M., Rizwan, Muhmmad; K.A., Al-Ghanim, Khalid Abdullah; J.W.H., Yong, Jean Wan Hong	Effects of the medicinal plant, Tamarindus indica, as a potential supplement, on growth, nutrient digestibility, body composition and hematological indices of Cyprinus carpio fingerlings	2024	Heliyon	10	13		
597.	A., Razzaque, Asima; M.N., Ansari, Masfa Nasrullah; D.A., Alghazzawi, Dilshad A.; H.A., Khalifa, Hamiden Abdelwahed; A., Alburaikan, Alhanouf; A., Razaq, Abdul	Selecting optimal celestial object for space observation in the realm of complex spherical fuzzy systems	2024	Heliyon	10	13		
598.	A., Hussain, Amjad; S., Azam, Sajjad; K., Rehman, Kanwal; M., Ali, Meher; M.S.H., Akash,	Green synthesis of Fe and Zn-NPs, phytochemistry and pharmacological	2024	Heliyon	10	13		

	Muhammad Sajid Hamid; X., Zhou, Xuefeng; A., Rauf, Abdur; A.M., Alshammari, Abdulrahman Mohammed; N.A., Albekairi, Norah A.; A.H., Al-Ghamdi, Abdullah Hamed	evaluation of Phlomis cashmeriana Royle ex Benth						
599.	S., Mahmood, Sajid; A., Bilal, Anum; M., Ammar, Muhammad; S., Khan, Shahid; N., Afshan, Noshin; O.M., Alduhaish, Osamah M.; N., Hassan, Noor; G.A., Abbas Ashraf, Ghulam Abbas; A., Bahadur, Ali; K.L., Fow, Kam Loon	Highly selective and stable electrochemical reduction of nitrate to ammonia using VO2-x/CuF catalyst with oxygen vacancies	2024	Journal of Power Sources	608			
600.	A., Raza, Asif; A.S., Farid, A. S.; A., Rasheed, Abdur; M., Yousaf, Misbah; N., Ayub, Noman; I.A., Khan, Ijaz Ahmad; M.A., Ghanem, Mohamed A.; K.M.H., Mohammed,	Synthesis of binder-free and highly conducting MoS2 sphere like electrode material for supercapacitor application	2024	Physica B: Condensed Matter	685			

	Khaled M.H.							
601.	T., Ahmed, Temoor; L., Shou, Linfei; J., Guo, Junning; M.U., Noman, Muhammad Usama; Y., Qi, Yetong; Y., Yao, Yanlai; H.A., Masood, Hafiza Ayesha; M., Rizwan, Muhmmad; M.A., Ali, Md Arshad; H.M., Ali, Hayssam M.	Modulation of rhizosphere microbial community and metabolites by bio-functionalized nanoscale silicon oxide alleviates cadmium-induced phytotoxicity in bayberry plants	2024	Science of the Total Environment	933			
602.	S., Ali, Sharafat; Z., Ulhassan, Zaid; H., Shahbaz, Hafsah; Z., Kaleem, Zohaib; M.A., Yousaf, Muhammad Arslan; S., Ali, Skhawat; M.S., Sheteiwy, Mohamed Salah; M., Waseem, M.; S., Ali, Shafaqat; W., Zhou, Weijun	Application of magnesium oxide nanoparticles as a novel sustainable approach to enhance crop tolerance to abiotic and biotic stresses	2024	Environmental Science: Nano	11	8	3250	3267
603.	U., Farooq, Umar; M., Raza, Mohsin; S., Ali Khan, Salman; S., Alam,	Fabrication and characterization of binary composite	2024	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	315			

	Sarfaraz; M.E., Khan, Mohammad Ehtisham; W., Ali, Wahid; W., Al-Zoubi, Wail; S.K., Ali, Syed Kashif; A.H., Bashiri, Abdullateef H.; W., Zakri, Waleed	MgO/CuO nanostructures for the efficient photocatalytic ability to eliminate organic contaminants: A detailed spectroscopic analysis						
604.	Sania; M.A., Assiri, Mohammed Ail; S., Rafique, Sanwa; H., Irshad, Hasher; Z.A., Ali Khan, Zulfiqar Ali; F.A., Khan, Farhan Ahmed; S.A., Shahzad, Sohail Anjum	Investigating structural dynamics and sensing capabilities: Spectroscopic and DFT analysis of novel AIEE active deferasirox based organic sensor	2024	Journal of Molecular Structure	1307			
605.	A., Raza, Asif; A., Rasheed, Abdur; A.S., Farid, A. S.; M., Yousaf, Misbah; N., Ayub, Noman; I.A., Khan, Ijaz Ahmad	Synthesis of Binder-Free, Low-Resistant Randomly Orientated Nanorod/Sheet ZnS-MoS2 as Electrode Materials for Portable Energy Storage Applications	2024	ACS Omega	9	26	27919	27931
606.	A., Riaz, Adil; M.,	Nexus among	2024	Journal of Intellectual Capital	25	45691	297	327

	ÄEepel, Martin; A., Ferraris, Alberto; K., Ashfaq, Khurram; S.U., Rehman, Shafique Ur	green intellectual capital, green information systems, green management initiatives and sustainable performance: aÂ mediated-moderated perspective						
607.	A., Rauf, Abdul; R., Bhatti, Rashid; S., Kausar, Saleeha; S., Aslam, Sehar; N., Nahid, Nazia; M.A., Qasim, Muhammad Awais	Expression Profile of Apoptotic Genes Bak1 and Bcl2 in Pakistani Presbycusis Patients from Faisalabad and Chichawatni Populations	2024	Journal of the Liaquat University of Medical and Health Sciences	23	3	233	237
608.	J., Han, Jiangyu; X., Hao, Xu; M., Fatima, Mishal; Z., Chauhdary, Zunera; A., Jamshed, Ayesha; H.M., Abdur Rahman, Hafiz Muhammad; R., Siddique, Rida; M., Asif, Muhammad; S., Rana, Saba; L., Hussain, Liaqat	Pharmacological Assessment of Aqueous Ethanolic Extract of Thalictrum Foetidum Against Haloperidol-Induced Parkinsonâ€™s Like Symptoms in Animal Model: A Dose-Dependent Study With Mechanistic	2024	Dose-Response	22	3		

		Approach						
609.	M.N., Ullah, Muhammad Najeeb; I., Ali, Ijaz; S., Hanif, Sana; A.M., Syed, Ali Muhammad; M., Talha, Muhammad; M.A., Samran, Muhammad Ahsan; A., Haider, Arslan; M., Huraira, Muhammad	Phytochemical screening and physicochemical analysis of oil extracted from seeds of Bombax ceiba and determination of antioxidant activity	2024	Pakistan Journal of Pharmaceutical Sciences	37	4	743	751
610.	F., Batool, Fatima; N., Iqbal, Naeem; S., Adeel, Shahid; M., Azeem, Muhammed; M., Hussaan, Muhammad; R., Mia, Rony	Sugar beet (Beta vulgaris L.) leaves as natural colorant for cotton dyeing using an ecofriendly approach toward industrial progress	2024	Science Progress	107	3		
611.	M., Asif, Muhammad; W., Iqbal, Wajeeha; M.F.E., Fakhar-E- Alam, Muhammad F.E.; Z., Hussain, Zahid; M.M., Saadullah, Malik M.; M., Hassan, Mudassir; J., Rehman, Javed;	Synthesis and Characterization of Chemically and Green- Synthesized Silver Oxide Particles for Evaluation of Antiviral and Anticancer Activity	2024	Pharmaceuticals	17	7		

	K.A., Dahlous, Kholood Ahmed; N.H.S., Al-Qahtani, Noora Hamad S.							
612.	I., Hussain, Ijaz; M.R.S.A., Janjua, Muhammad Ramzan Saeed Ashraf; A., ul Haq, Atta; S., Ul-Hassan, Sadaf; F.M.K., Albaqami, Faisal Miqad K.; M.A., Alsuwat, Meshari A.; B.M., ALRashdi, Barakat M.; S., Alzwain, Sarah; S.A.R., Naqvi, Syed Ali Raza	Evaluation of Anti-Infection and Anti-Diabetic Activities in Methanolic and n-Hexane Plant Extracts of Indigenously Cultivated Chenopodium album	2024	Agronomy	14	7		
613.	L., Nawaz, Laaraib; D.J., Grieve, David J.; H., Muzaffar, Humaira; A., Iftikhar, Arslan; H., Anwar, Haseeb	Methanolic Extract of Phoenix Dactylifera Confers Protection against Experimental Diabetic Cardiomyopathy through Modulation of Glucolipid Metabolism and Cardiac	2024	Cells	13	14		

		Remodeling						
614.	A., Ren, Aixia; Z., Jiang, Zhijun; J., Dai, Jing; M., Sun, Min; S., Anwer, Sumera; P., Tang, Peng; R., Wang, Rongzhen; P., Ding, Pengcheng; L., Li, Linghong; X., Wu, Xiangyun	Phenotypic Characterization and Yield Screening of Quinoa Germplasms in Diverse Low-Altitude Regions: A Preliminary Study	2024	Agronomy	14	7		
615.	G., Li, Guang; A., Ren, Aixia; S., Anwer, Sumera; L., Shi, Lijuan; W., Bai, Wenbin; Y., Zhang, Yali; Z., Gao, Zhiqiang	Correction to: Optimizing Soil Health and Sorghum Productivity through Crop Rotation with Quinoa (Life, (2024), 14, 6, (745), 10.3390/life14060745)	2024	Life	14	7		
616.	T., Mumtaz, Tamseela; K., Tariq, Kainat; K., Kanwal, Khadija; Z., Tariq, Zainab	A case-control regression analysis of liver enzymes in obesity-induced metabolic disorders in South Asian females	2024	PLOS ONE	19	45845		
617.	M.A., Kamran, Muhammed Asif;	First Report of Wilt Caused by	2024	Plant Disease	108	7	2237	

	I., Ullah, Ihsan; M.E., Ul Haq, Muhammad Ehetisham; M., Umar Shahbaz, Muhammad; H.M.Z., Abbas, Huma M.Zeeshan; M.J., Asghar, Muhammad Jawad; M.J., Shahid, Muhammad Junaid; K.P., Akhtar, Khalid Pervaiz	Fusarium nanum (FIESC 25) on Mungbean (Vigna radiata) in Pakistan						
618.	Y., Zarlashat, Yusra; H., Mushtaq, Hassan; L., Pham, Linh; W., Abbas, Wasim; K., Sato, Keisaku	Advancements in Immunotherapeutic Treatments for Hepatocellular Carcinoma: Potential of Combination Therapies	2024	International Journal of Molecular Sciences	25	13		
619.	A., Qadeer, Abdul; A., Wakeel, Abdul; S.A., Cheema, Sardar Alam; T., Shahzad, Tanvir; M., Sanaullah, Muhammad	Integrated Impacts of Soil Salinity and Drought Stresses on the Decomposition of Plant Residues	2024	Sustainability (Switzerland)	16	13		
620.	W., Nazeer, Waseem; M.U.,	Synthesis of 2-Ethylhexyl 5-	2024	Molecules	29	13		

	Qamar, Muhammad Usman; N., Rasool, Nasir; M., Taibi, Mohamed; A.M., Salamatullah, Ahmad Mohammad	Bromothiophene-2-Carboxylates; Antibacterial Activities against Salmonella Typhi, Validation via Docking Studies, Pharmacokinetics , and Structural Features Determination through DFT						
621.	Y., Alhaj Hamoud, Yousef; A., Maqsood, Abdullah; M., Zia-Ur-Rehman, Muhammad; H., Shaghaleh, Hiba; A., Sahar, Amna; M., Usman, Muhammad; M.S., Rizwan, Muhamamd Shahid; H.F., Alharby, Hesham Fasial; R.A.A., Abohassan, Refaat Atalla Ahmed; A.M., Abdulmajeed, Awatif Mahfouz	Novel Implications of the PARAFAC Model for Characterizing and Distributing DOM in Groundwater Networks by Using Spectroscopic Techniques	2024	Water (Switzerland)	16	13		
622.	M.B., Kazmi, Mahwish Batool;	Mentha longifolia assisted	2024	PLOS ONE	19	45845		

	H.H., Almutairi, Hayfa Habes; A., Andleeb, Ayesha; R., Jabeen, Raheela; G., Mustafa, Ghulam; Umm-E-Habiba; S.A., Kazmi, Safdar Abbas; F., Naz, Farah; N., Qammar, Najma	nanostructures: An approach to obliterate microbial biofilms						
623.	T.H., Bokhari, Tanveer Hussain; F., Bibi, Fehmida; M., Irfan, Muhammad; F., Ahmed, Faiz; T.A., Rahman, Talal Abdul; S., Fatima, Shazia; M.H., Zeeshan, Muhammad Hamad; M., Hassan, Maria; A.S., Ullah, Adam Safi; M., Wasim, Muhammad	Development of freeze-dried kit for the preparation of [99mTc]Tc-HYNIC-ALUG: A potential agent for imaging of prostate specific membrane antigen	2024	Iranian Journal of Nuclear Medicine	32	2	140	149
624.	S., Abbas, Saghir; K., Tanwir, Kashif; M., Hussaan, Muhammad; S., Masood, Sajid; Q., Ali, Qasim; A., Raza, Ali; M.S.,	In vitro exploration of Acinetobacter strain (SG-5) for antioxidative potential and phytohormone	2024	Environmental Science and Pollution Research	31	33	4546 5	45484

	Shahid, Muhammad Shafiq; H.J., Chaudhary, Hassan Javed; S., Mushtaq, Saba; M.T., Javed, Muhammad Tariq	biosynthesis in maize (Zea mays L.) cultivars differing in cadmium tolerance						
625.	F., Latif, Fariha; M.M., Naeem, M. Mubashar; S.H., Aziz, Sana Hamid; R., Iqbal, Rehana; S., Kousar, Safina; F., Ambreen, Faiza	Species Specific DNA Damage Induced by Hexavalent Chromium in Three Major Carps	2024	Pakistan Journal of Scientific and Industrial Research Series B: Biological Sciences	67 B	2	117	129
626.	S., Ameer, Sikander; H., Ibrahim, Hussam; F., Kulsoom, Fnu; G., Ameer, Gulraiz; M., Sher, Mazhar	Real-time detection and measurements of nitrogen, phosphorous & potassium from soil samples: a comprehensive review	2024	Journal of Soils and Sediments	24	7	2565	2583
627.	I., Mahmood, Imran; H.F., Maqbool, Hafiz Farhan; A., Raza, Anam; N., Iqbal, Nadeem; A.A., Dehghani-Sanij, Abbas A.	Gait dynamic stability evaluation in patients undergoing hip joint fractures - tools to measure rehabilitation effectiveness	2024	Biomedical Physics and Engineering Express	10	4		
628.	B., Tariq, Bushra; A., Mansha, Asim;	Sensory detection of	2024	Chemical Papers	78	11	6685	6708

	S., Asim, Sadia; S., Noreen, Sobia	selective substituted acyl chloride and nitrobenzene sulfonyl chloride by interaction with 1-amino-4-hydroxy-9,10-anthraquinone using spectrophotometry and cyclic voltammetry						
629.	Y., Iqbal, Yasir; S.A.S., Chatha, Shahzad Ali Shahid; I.U., Khan, Ikram Ullah; M.A., Qamar, Muhammad Azam	Fabrication of ecofriendly silver based composite hydrogel with multifunctional properties as possible wound dressing material	2024	Physica Scripta	99	7		
630.	S., Tufail, Shah; K., Zhao, Kang; A., Chen, Ai; A., Muhmood, Atif; S.A.A., Shah, Syed Atizaz Ali; M.K., Irshad, Muhammad Kashif; Y., Arai, Yuji; J., Shang, Jianying	Facilitated transport of ferrihydrite with phosphate under saturated flow conditions	2024	Journal of Contaminant Hydrology	265			
631.	B., Tariq, Bushra; A., Mansha, Asim; S., Asim, Sadia; S.,	Sensory detection of selective	2024	Chemical Papers	78	11	6431	6455

	Noreen, Sobia	substituted acyl chloride and nitrobenzene-sulfonyl chloride by interaction with 1-amino-4-hydroxy-9,10-anthraquinone using spectrophotometry and cyclic voltammetry						
632.	A.H.H., Khan, Abdul Haseeb Hassan; A.A., Khan, Aqib Ali; A.S., Farid, A. S.	Enhancing the efficiency of non toxic perovskite solar cell through Cs4CuSb2Cl12 as interface layer using SCAPS-1D	2024	Physica Scripta	99	7		
633.	F., Rasheed, Farwa; A., Saleem, Ammara; A.M., Alshammari, Abdulrahman Mohammed; N.A., Albekairi, Norah A.; M., Furqan Akhtar, Muhammad	Coronopus didymus (L) sm. extracts per se and in combination with ferulic acid ameliorate allergic asthma through moderating aquaporins, inflammatory cytokines, and oxidative stress	2024	Journal of Functional Foods	118			
634.	A.U., Rehman,	Role of small	2024	Computers in Biology and Medicine	177			

	Abdur Ur; I., Fatima, Israr; F., Noor, Fatima; M.A., Qasim, Muhammad Awais; P., Wang, Peng; J., Jia, Jinrui; F.M., Alshabirmi, Fahad M.; M., Liao, Mingzhi	molecules as drug candidates for reprogramming somatic cells into induced pluripotent stem cells: A comprehensive review						
635.	F., Mahmood, Faiq; R., Arshad, Rabia; S., Khan, Shoaib; A., Afzal, Alia; M., Bashir, Mohsin	Impact of behavioral biases on investment decisions and the moderation effect of financial literacy; an evidence of Pakistan	2024	Acta Psychologica	247			
636.	Y., Alhaj Hamoud, Yousef; T., Saleem, Talha; M., Zia-Ur-Rehman, Muhammad; H., Shaghaleh, Hiba; M., Usman, Muhammad; M., Rizwan, Muhmmad; H.F., Alharby, Hesham Fasial; A.M., Alamri, Amnah Mohammed; F., Al-Sarraj, Faisal; N.M.,	Synergistic effect of biochar with gypsum, lime, and farm manure on the growth and tolerance in rice plants under different salt-affected soils	2024	Chemosphere	360			

	Alabdallah, Nadiyah M.							
637.	M.S., Javed, Muhammad Salman; M.W., Zubair, Muhammad Waqas; K.F., Rizwan, Kainat F.; M., Jamil, Muhammad; A.A., Ataf, Ataf Ali	Synthesis, in silico molecular modeling and in vitro pharmacological evaluations of biphenyl-4- carboxamide derivatives	2024	Chemical Papers	78	10	5865	5877
638.	H.S., Yaseen, Hafiza Sidra; H.M., Zubair, Hafiz Muhammad; A., Jamal, Adil; M., Farrukh, Maryam; R., Mikrani, Reyaj; B., Shaukat, Bushra; J.W., Hill, Jennifer W.; R., Rana, Reemal; A., Nazir, Ansa; M., Naveed, Muhammad	Naringin: Cardioprotective properties and safety profile in diabetes treatment	2024	Fitoterapia	176			
639.	S., Azeem, Subhan; M., Safdar, Muddasar; R., Aslam, Rabya; B., Wang, Bohong; I., Ziani, Imane; S., Ansar, Sabah; F., Sher, Farooq	Surface engineered sustainable nanocatalyst with improved coke resistance for dry methane reforming to produce	2024	Process Safety and Environmental Protection	187		962	973

		hydrogen						
640.	N., Zahra, Noreen; A., Kausar, Abida; H.T.M., Abdelghani, Heba Taha Mohmmmed; S., Singh, Sachidanand; D.S., Vashishth, Deepti Singh; A.J., Bachheti, Archana Joshi; R.K., Bachheti, Rakesh Kumar; A., Husen, Azamal	Serotonin improves plant growth, foliar functions and antioxidant defence system in Ethiopian mustard (<i>Brassica carinata</i> A. Br.)	2024	South African Journal of Botany	170		1	9
641.	A.A., AlObaid, Abeer A.; M., Usman, Muhammad; R.T., Rasool, Raqiqa Tur; S., Gulbadan, Shagufta; M., Junaid, Muhammad; G., Nazir, Ghazanfar; A., Manzoor, Alina; M.A., Khan, Muhammad Azhar	Sol-gel synthesis of Cobalt-Bismuth substituted strontium hexaferrites and insight into structural refinement, Microstructural, dielectric and spectroscopic properties	2024	Materials Science and Engineering: B	305			
642.	S., Javed, Saba; D.A., Mohamed Noor, Dzul Azri; N.H., Md Hanafiah, Nur Hafzan; U., Javed, Umar; T.,	Investigating the Association Between Type 2 Diabetes Mellitus and Pathological Responses	2024	Journal of Surgical Research	299		85	93

	Mustafa, Tanveer; A.U., ur Rehman, Anees Ur; S.N., Harun, Sabariah Noor	Among Breast Cancer Patients Receiving Neoadjuvant Chemotherapy						
643.	A., Farooq, Anza; F.M.A., Alzahrani, Fatimah Mohammed A.; N., Alomayrah, Norah; A., Manzoor, Alina; Z.A., Alrowaili, Ziyad Awadh; M.S.A., Al-Buriahi, Mohammaed Sultan Abdulghaffar; I., Shakir, Imran; M., Anwar, Mamoonah; M.F., Warsi, Muhammad Farooq	Solar light driven enhanced photocatalytic efficiency of Graphene based composite of co-doped Bismuth Ferrite (Ba0.5 Bi0.5 Nd0.5 Fe1.5 O3/Gr0.375) for Crystal Violet and Paracetamol	2024	Current Applied Physics	63		126	135
644.	M.F.U., Hasnain, Muhammad Faheem Ul; H.O., Ali, Hassan Osaf; S., Aziz, Shahid; P., Mountapmbeme-Kouotou, Patrick; M., Waqas, Muhammad; S.M.A., Naqvi, Syed Murawat Abbas; M.H., Athar,	Optimization and Techno-Economic analysis of catalytic gasification of wheat straw biomass using ASPEN PLUS model	2024	Arabian Journal of Chemistry	17	7		

	Muhammad Hassaan; M., Ammar, Muhammad; I., Shah, Imran; D.W., Jung, Dongwon Wong							
645.	N., Aurangzeb, Noshaba; S., Zulfikar, Sonia; M.K.K., Khosa, Muhammad Kaleem Khan; V., Slovák, Václav; A.A., Maamoun, Ahmed Abdelhamid; M.J., Forrester, Michael J.; M.I., Sarwar, Muhammad Ilyas; E.W., Cochran, Eric W.	Heteroatom decorated polythiourethane sorbent for copper (II) extraction in wastewater treatment	2024	Polymer Engineering and Science	64	7	3109	3119
646.	F., Fareed, Farwa; M.B., Bilal Tahir, Muhammad Bilal; A., Ali, Adnan; A., Khalil, Adnan; K., Mahmood, Khalid; M., Yasir Ali, Muhammad; J., Jacob, Jolly	Giant Seebeck coefficient in SnTe thin films grown by thermal evaporation using layered structure engineering	2024	Materials Science and Engineering: B	305			
647.	S., Iqbal, Shahid; J., Xu, Jianchu; M.S., ARIF, Muhammad	Corrigendum to "Could soil microplastic	2024	Environmental Research	252			

	Saleem; A., Shakoor, Awais; F.R., Worthy, Fiona Ruth; H., Gui, Heng; S., Khan, Sehroon; D., Bu, Dengpan; S., Nadir, Sadia; S., Ranjitkar, Sailesh	pollution exacerbate climate change? A meta-analysis of greenhouse gas emissions and global warming potentialâ€ [Environ. Res. 252 (2024) 118945/ ER-23- 14694R1] (Environmental Research (2024) 252(P2), (S001393512400 8491), (10.1016/j.envres .2024.118945))						
648.	T., Tufail, Tabussam; F., Saeed, F.; T., Tufail, Tanazzam; H., Bader-UI-Ain, Huma; M.S., Hussain, Muzzamal Shujaat; S., Noreen, Sana; M.A., Shah, Mohd Asif	Exploring the cholesterol- lowering effects of cereal bran cell wall-enriched diets	2024	Food Science and Nutrition	12	7	4944	4951
649.	M.W., Zubair, Muhammad Waqas; A., Ahmed,	Effect of pomegranate peel powder-	2024	Food Science and Nutrition	12	7	4879	4892

	Aftab; M.S., Afzaal, Muhammad Sohail; F., Saeed, F.; Z., Faisal, Zargham; A., Asghar, Aasma; N., Akram, Noor; S., Manoharadas, Salim; A., Nawaz, Asad; D., Teferi Asres, Degnet	infused multigrain chapatti on diabetes prevention: A randomized clinical trial						
650.	S., Iqbal, Shahid; J., Xu, Jianchu; M.S., ARIF, Muhammad Saleem; A., Shakoor, Awais; F.R., Worthy, Fiona Ruth; H., Gui, Heng; S., Khan, Sehroon; D., Bu, Dengpan; S., Nader, Sadia; S., Ranjitkar, Sailesh	Could soil microplastic pollution exacerbate climate change? A meta-analysis of greenhouse gas emissions and global warming potential	2024	Environmental Research	252			
651.	M.U., Khalid, Muhammad Uzair; M.M., Ajaz, Muhammad Mustansar; M.I., Arshad, Muhammad Imran; A., Ur Rehman, Atta; K., Hussain, Khalid; S., Arshad, Sidra; Z.M., El Bahy, Zeinhom M.;	Enhanced magneto-dielectric characteristics of Ni ²⁺ /Cd ferrites/GNPs composites synthesized via sol-gel auto-combustion method	2024	Ceramics International	50	13	24025	24035

	M.E., El Sayed, Mohamed E.; N., Amin, Nasir							
652.	M., Raza, Mohsan; H., Zahid, Hadiqa; J., Liu, Jinlin	Starlikeness associated with the sine hyperbolic function	2024	Acta Mathematica Scientia	44	4	1244	1270
653.	Zarina; A.W., Wani, Abdul Waheed; M., Rawat, Monisha; H., Kaur, Harjinder; S., Das, Sachitanand; T., Kaur, Taranpreet; N., Akram, Noor; Z., Faisal, Zargham; S., Jan, Syedsaad; N.N., Oyshe, Nabila Nusrat	Medicinal utilization and nutritional properties of drumstick (Moringa oleifera)â€™A comprehensive review	2024	Food Science and Nutrition	12	7	4546	4568
654.	M.I., Arshad, Muhammad Imran; M.A., Khan, Muhammad Azhar; R.T., Rasool, Raqiqa Tur; Z., Javed, Zeshan; S., Hayat, Sikandar; S.Z., Ilyas, Syed Zafar	Structural, physicochemical and electrical properties of Co2Y-type barium hexaferrites	2024	Ceramics International	50	13	2304 7	23057
655.	M.F., Hayat, Muhammad Faisal; M., Zohaib, Muhamad; M.U., Ijaz, Muhammad	Ameliorative potential of eriocitrin against cadmium instigated	2024	Journal of Trace Elements in Medicine and Biology	84			

	Umar; M., Batool, Moazama; A., Ashraf, Asma; B.O., Almutairi, Bader Obaid; U., Atique, Usman	hepatotoxicity in rats via regulating Nrf2/keap1 pathway						
656.	M., Arshad, Maria; S., Kousar, Shabana; A., Din, Ahmad; M.S., Afzaal, Muhammad Sohail; M.N., Faisal, Muhammad Naeem; M.K., Sharif, Mian Kamran; H., Rasheed, Hina; F., Saeed, F.; N., Akram, Noor; F., Ahmed, Faiyaz	Hepatoprotective efficacy of quinoa seed extract against CCl4-induced acute liver toxicity in rat model	2024	Food Science and Nutrition	12	7	5007	5018
657.	M.U., Younis, Muhammad Umar; N.A., Akram, Nudrat Aisha; M., Ashraf, Muhammad; M.A.R.M., El-Sheikh, Mohamed Abd Rouf Mousa; Z., Khan, Zakirullah	Impact of ascorbic acid-rich phyto-extracts on growth, yield and physio-biochemistry of okra [Abelmoschus esculentus (L.) Moench.] subjected to drought stress	2024	Journal of King Saud University - Science	36	6		
658.	S., Rashid, Saima; F., Jarad, Fahd; H.,	New insights for the fuzzy	2024	Ain Shams Engineering Journal	15	7		

	Alamri, Hind	fractional partial differential equations pertaining to Katugampola generalized Hukuhara differentiability in the frame of Caputo operator and fixed point technique						
659.	S., Hussain, Sabir; A., Siddique, Azhar; M., Hassan, Mujtaba; K., Rasool, Kashif; A., Shahzad, Asif; S.A.A., Naqvi, Syed Ali Asad; R.U.M., Muhammad, Raza UI Mustafa	Characteristics and health implications of fine particulate matter near urban road site in Islamabad, Pakistan	2024	Environmental Research	252			
660.	M.A., Abdullah, Mohd Azmuddin; M.S., Nazir, Muhammad Shahid; H.A., Hussein, Hanaa Ali; S.M., Usman Shah, Syed Muhammad; N., Azra, Nizakat; R., Iftikhar, Ramsha; M.S., Iqbal, Muhammad	New perspectives on biomass conversion and circular economy based on Integrated Algal-Oil Palm Biorefinery framework for sustainable energy and bioproducts co-	2024	Industrial Crops and Products	213			

	Saqlain; Z., Qamar, Zeenat; Z., Ahmad, Zulfiqar; M., Afzaal, Muhammad	generation						
661.	N., Ahmad, Nisar; S.M., Hussain, Syed Makhdoom; S.M., Ali, Shafaqat M.; P.K., Sarker, Pallab Kumer; K.A., Al-Ghanim, Khalid Abdullah; M.T., Mahmood, Muhammad Tariq	Dietary nano-Selenium supplementation improves growth performance, nutrient digestibility and hematology in <i>Cirrhinus mrigala</i> fingerlings	2024	Journal of Trace Elements in Medicine and Biology	84			
662.	M.A., Khalid, Muhammad Adnan; S.M., Hussain, Syed Makhdoom; S.M., Ali, Shafaqat M.; Q., Ali, Qasim; M.S., Rizwan, Muhamamd Shahid; B.A., Paray, Bilal Ahmad; P.K., Sarker, Pallab Kumer; A., Naeem, Adan	Impact of feeding biochar sources in rohu (<i>Labeo rohita</i>): Evaluating the growth, nutrient absorption, carcass composition, haematology and mineral status	2024	Journal of Animal Physiology and Animal Nutrition	108	4	1028	1037
663.	N., Akhtar, Noureen; M., Abid, Muhammad; M.W., Amir, Muhammad Wasim; M., Riaz,	On monitoring the standard deviation of log-normal process	2024	Quality and Reliability Engineering International	40	5	2509	2526

	Muhammad; H.Z., Nazir, Hafiz Zafar							
664.	K., Rabbani, Kiran; M.A., Mehmood, Muhammad Asim; A., Areej, Areej	Speech act of flaming: A pragmatic analysis of Twitter trolling in Pakistan	2024	Discourse and Society	35	4	499	517
665.	S.F., Ashraf, Sheikh Farhan; C., Li, Cai; M.U., Wattoo, Muhammad Umair; M., Murad, Majid; B., Mahmood, Babak	Green horizons: Unleashing green innovation through green business strategies and competencies	2024	Business Strategy and the Environment	33	5	4233	4251
666.	E., Umar, Ehtisham; M., Ikram, Muhammad; J., Haider, Junaid; W., Nabgan, Walid; A., Haider, Ali; M.A., Imran, Muhammad Ali; G., Nazir, Ghazanfar	Corrigendum to “A state-of-the-art review on carbon quantum dots: Prospective, advances, zebrafish biocompatibility and bioimaging in vivo and bibliometric analysis” [Volume 35, April 2023, e00529] (Sustainable Materials and Technologies (2023) 35, (S221499372200	2024	Sustainable Materials and Technologies	40			

		1439), (10.1016/j.susmat.2022.e00529))						
667.	B., Tariq, Bushra; A., Mansha, Asim; S., Asim, Sadia; A., Kausar, Abida	Effect of Substituents on Solubility, Medicinal, Absorption, Emission and Cationic/Anionic Detection Properties of Anthraquinone Derivatives	2024	Journal of Fluorescence	34	4	1527	1544
668.	S.A., Khan, Shan Ali; M.A., Imran, Muhammad Ali; U., Farooq, Umar; N., Fatima, Nahid; A.J., Chamkha, Ali J.; G., Rasool, Ghulam	Computational analysis of MHD natural convection flow of Al2O3/water-ethylene glycol (50:50) hybrid nanofluid in an octagonal chamber with circular heated blocks	2024	Multiscale and Multidisciplinary Modeling, Experiments and Design	8	7		
669.	B., Chunsong, Bai; U., Khalid, Usman; M.A., Binyamin, Muhammad Ahsan; J., Ali, Jawad	Revolutionizing diabetes care with innovative decision-making using cubic intuitionistic fuzzy Schweizer	2024	Heliyon	10	12		

		and Sklar power aggregation operators						
670.	U.M., Khan, Usman Mir; A., Sameen, Ayesha; E.A., Decker, Eric Andrew; M.A., Shabbir, Muhammad Asim; S., Hussain, Shahzad; A., Latif, Anam; G.H., Abdi, Gholamreza H.; R.M., Aadil, Rana Muhammad	Implementation of plant extracts for cheddar-type cheese production in conjunction with FTIR and Raman spectroscopy comparison	2024	Food Chemistry: X	22			
671.	S.M.A.R., Shah, Syed Muhammad Abdul Rehman; M.H., Helmi, Mohamad Husam; M.U., Farooq, Muhammad Umar; A., Kabir, Anis	INTERBANK RATE AND MONETARY POLICY: INSIGHTS FROM DUAL BANKING SYSTEMS OF DEVELOPING COUNTRIES	2024	ISRA International Journal of Islamic Finance	16	2	131	153
672.	D.B., Abrudan, Denisa Bogdana; M.N., Nawaz Kalyar, Masood Nawaz; D.C., Duda-Daianu, Dana Codruta	Demystifying the Effects of Organizational Sensemaking and Green Dynamic Capabilities on Sustainability Performance	2024	Engineering Economics	35	3	348	361
673.	M., Safdar, Muddasar; N.,	Development of Ni-doped A-site	2024	RSC Advances	14	28	2024 0	20253

	Shezad, Nasir; F., Akhtar, Farid; H., Arellano-Garc�a, Harvey	lanthanides-based perovskite-type oxide catalysts for CO2 methanation by auto-combustion method						
674.	M.A., Imran, Muhammad Al; A., Haider, Ali; A., Shahzadi, Anum; M., Mustajab, Muhammad; A., Ul-Hamid, Anwar; H., Ullah, Hameed; S., Khan, Sherdil; H.S., Abd-Rabboh, Hisham S.M.; M., Ikram, Muhammad	Silver and carbon nitride-doped nickel selenide for effective dye decolorization and bactericidal activity: in silico docking study	2024	RSC Advances	14	28	2000 4	20019
675.	M.A., Ali, Md Arshad; T., Ahmed, Temoor; E., Ibrahim, Ezzeldin; M., Rizwan, Muhmmad; K.P., Chong, Khim Phin; J.W.H., Yong, Jean Wan Hong	A review on mechanisms and prospects of endophytic bacteria in biocontrol of plant pathogenic fungi and their plant growth-promoting activities	2024	Heliyon	10	11		
676.	D., Rasool, Danish; S.A., Jan, Sohail Ahmad; S.U., Khan, Sumra Umer; N.,	Subtractive proteomics-based vaccine targets	2024	Heliyon	10	11		

	Nahid, Nazia; U.A., Ashfaq, Usman Ali; A., Umar, Ahitsham; M.A., Qasim, Muhammad Awais; F., Noor, Fatima; A.U., Rehman, Abdur Ur; K., Shahzadi, Kiran	annotation and reverse vaccinology approaches to identify multiepitope vaccine against Plesiomonas shigelloides						
677.	R., Hafeez, Rahila; J., Guo, Junning; T., Ahmed, Temoor; H., Jiang, Hubiao; M., Raza, Mubashar; M.S., Shahid, Muhammad Shafiq; E., Ibrahim, Ezzeldin; Y., Wang, Yanli; J., Wang, Jiaoyu; C., Yan, Chengqi	Bio-formulated chitosan nanoparticles enhance disease resistance against rice blast by physiomorphic, transcriptional, and microbiome modulation of rice (<i>Oryza sativa</i> L.)	2024	Carbohydrate Polymers	334			
678.	A.Y., Alyami, Abeer Yousef; A., Mahmood, Abid	Synthesis, characterization and application of chitosan functionalized and functional graphene oxide membranes for desalination of water by pervaporation	2024	Environmental Research	251			

679.	M., Khan, Momin; N., Chand, Naila; S., Khan, Sarzamin; S., Naz, Shabana; A.F., Alrefaei, Abdulwahed Fahad; A., Chandrasekaran, Ananthanarayanan ; R.U., Khan, Rifat Ullah	Partial replacement of soybean meal with Musca domestica larvae meal in broiler diets: Implications for growth performance, nutrient utilization, hemato-biochemical profile and organoleptic characteristics	2024	Archives Animal Breeding	67	2	247	257
680.	M., Sadaqat, Muhammad; K., Fatima, Kinza; F., Azeem, Farrukh; T., Shaheen, Tayyaba; M., Mahmood-ur-Rahman, Mahmood; T., Ali, Tehreem; W.A.I., Al-Megrin, Wafa Abdullah I.; M., Tahir Ul Qamar, Muhammad	Computational analysis and expression profiling of two-component system (TCS) gene family members in mango (Mangifera indica) indicated their roles in stress response	2024	Functional Plant Biology	51	7		
681.	S., Mahmood, Sajid; M.S., Riaz, Muhammad Sohail; M., Ammar,	Enhancing selective nitrate-to-ammonia electrocatalysis	2024	International Journal of Hydrogen Energy	70		315	324

	Muhammad; Z., Wang, Zeping; M.J., Iqbal, Muhammad Javed; G.A., Abbas Ashraf, Ghulam Abbas; N., Afshan, Noshin; N., Hassan, Noor; A., Bahadur, Ali; S., Iqbal, Shahid	with high-performing Ni2P embedded nitrogen phosphide doped carbon (NPC) deposited on CP: Unprecedented performance and stability						
682.	Z., Abbas, Zeeshan; A., Rahman, Abdul; B., Aslam, B.; S., Aftab, Saima; C., Feng, Chunjing; Z., Baloch, Zulqarnain	Precision genome editing offers hope for treatment of β^2 -thalassemia and other genetic disorders	2024	Molecular Therapy Nucleic Acids	35	2		
683.	N., Anjum, Naveed; A., Rasheed, Ayesha; J., He, Jihuan; A.A., Alsolami, Abdulrahman Ali	Free Vibration of a Tapered Beam by the Aboodh Transform-based Variational Iteration Method	2024	Journal of Computational Applied Mechanics	55	3	440	450
684.	M.A., Jamal, Muhammad Asghar; S., Iqbal, Shahid; S., Mahmood, Sajid; S., Chohdry, Sadia; A., Zidan, Ammar; M.T., Qamar, Muhammad Tariq; M.S., Saeed, Muhammad	Sunlight responsive Fe3O4 embedded GO sponge wrapped by PANI for photocatalytic abatement of rhodamine B dye	2024	Polyhedron	255			

	Shahzad; H., Asghar, Humaira; K.M., Alotaibi, Khalid Mohammed							
685.	M.Y., Shani, Muhammad Yousaf; M.Y., Ashraf, Muhammad Yasin; A.K., Butt, Ammara Khalid; S., Abbas, Shahid; M., Nasif, Muhammad; Z., Khan, Zafran; R.P., Mauro, Rosario Paolo; C., Cannata, Claudio; N., Gul, Nimra; M., Ghaffar, Maria	Potassium Nutrition Induced Salinity Mitigation in Mungbean [Vigna radiata (L.) Wilczek] by Altering Biomass and Physio- Biochemical Processes	2024	Horticulturae	10	6		
686.	S., Zafar, Saad; M.S., Sarfraz, Muhammad Shehroz; S.U., Ali, Sultan U.; L., Saeed, Laiba; M.S., Mahmood, Muhammad Shahid; A., Khan, Amanullah; M.N., Anwar, Muhammad Naveed	Recapitulation of Peste des Petits Ruminants (PPR) Prevalence in Small Ruminant Populations of Pakistan from 2004 to 2023: A Systematic Review and Meta-Analysis	2024	Veterinary Sciences	11	6		
687.	O., Sarwar, Omera; R., Munir, Ruba; N.,	Synthesis, utilization, and	2024	Aqua Water Infrastructure, Ecosystems and Society	73	6	1228	1256

	Mushtaq, Nageen; H., Ambreen, Hina; M.Z., Bashir, Muhammad Zeeshan; M., Sana, Maryam; A., Muneer, Amna; M., Sayed, Murtaza; S., Noreen, Saima	recycling of graphene oxide-based nanohybrid biopolymeric hydrogels for purification of dye wastewater						
688.	G., Li, Guang; A., Ren, Aixia; S., Anwer, Sumera; L., Shi, Lijuan; W., Bai, Wenbin; Y., Zhang, Yali; Z., Gao, Zhiqiang	Optimizing Soil Health and Sorghum Productivity through Crop Rotation with Quinoa	2024	Life	14	6		
689.	A.A., Al-Kahtani, Abdullah A.S.; S., Tabassum, Sobia; I., Raya, Indah; I.H., Khlewee, Ibrahim Hammoud; S., Chupradit, Supat; A., Davarpanah, Afshin; M., Elveny, Marischa; S.M., Ali, Shafaqat M.	RETRACTED: Influence of Different Rotations of Organic Formamidinium Molecule on Electronic and Optical Properties of FAPbBr ₃ Perovskite (Coatings, (2021), 11, 11, (1341), 10.3390/coatings 11111341)	2024	Coatings	14	6		
690.	M.S., Saeed, Muhammad	Synthesis of CBO (Co ₃ O ₄ -Bi ₂ O ₃)	2024	Catalysts	14	6		

	Shahzad; S., Panchal, Sandeep; M.A., Bajaber, Majed A.; A.A., Alalwiat, Ahlam A.; A.E., Ahmed, Ahmed Ezzat; U., Razzaq, Ujala; H.Z., Rab Nawaz, Hafiza Zahra; F., Hussain, Farhat	Heterogeneous Photocatalyst for Degradation of Fipronil and Acetochlor Pesticides in Aqueous Medium						
691.	S., Nadeem, Shehwar; T., Maqbool, Tahir; J.A., Qureshi, Javed Anver; A., Altaf, Awais; S., Naz, Sadia; M.M., Azhar, Muzammal Mateen; I., Ullah, Inam; T.A., Shah, Tawaf Ali; M.U., Qamar, Muhammad Usman; A.M., Salamatullah, Ahmad Mohammad	Apolipoprotein E Gene Variation in Pakistani Subjects with Type 2 Diabetes with and without Cardiovascular Complications	2024	Medicina (Lithuania)	60	6		
692.	M.R., Rafe Hatshan, Mohammad Rafe; S., Aslam, Sadia; D.O., Bokov, Dmitry O.; A.J.,	RETRACTED: Advanced Binder- Free Electrode Based on CuCo2O4 Nanowires	2024	Coatings	14	6		

	Ibrahim, Ahmed Jaber; Y.F., Mustafa, Yasser Fakri; A., Davarpanah, Afshin; M., Elveny, Marischa; S.M., Ali, Shafaqat M.	Coated with Polypyrrole Layer as a High-Performance Nonenzymatic Glucose Sensing Platform (Coatings, (2021), 11, 12, (1462), 10.3390/coatings 11121462)						
693.	S., Nazir, Safdar; M.S., Afzaal, Muhammad Sohail; F., Saeed, F.; A., Ahmad, Aftab; H., Ateeq, Huda; A., Ikram, Ali; A., Rasheed, Amara; F., Kiran, Faiza; N., Akram, Noor; F., Ahmed, Faiyaz	Survivability and behavior of probiotic bacteria encapsulated by internal gelation in non-dairy matrix and In Vitro GIT conditions	2024	PLOS ONE	19	45814		
694.	Y., Zarlashat, Yusra; S., Abbas, Shakil; A., Ghaffar, Abdul	Hepatocellular Carcinoma: Beyond the Border of Advanced Stage Therapy	2024	Cancers	16	11		
695.	N., Mushtaq, Nageen; R., Munir, Ruba; M., Zia-Ur-Rehman, Muhammad; Z., Ul-Haq, Zia; M.Z.,	Construction and Utilization of Innovative Zeolite/Perovskite/Graphene Oxide,	2024	Water Conservation Science and Engineering	9	1		

	Bashir, Muhammad Zeeshan; A., Muneer, Amna; H., Ambreen, Hina; S., Noreen, Saima	Zeolite/Chitosan/ Graphene Oxide, and Zeolite/Biochar/Graphene Oxide Nanohybrid Composites for Adsorptive Remediation of Cationic Dye from Wastewater						
696.	M.J., Rabbani, Muhammad Junaid; A.Y., Memon, Attaullah Y.; M., Farhan, Muhammad; R.M., Larik, Raja Masood; S., Ashraf, Shahzad; M.B., Khan, Muhammad Burhan; Z.A., Arfeen, Zeeshan Ahmad	Robust Output Feedback Stabilization and Tracking for an Uncertain Nonholonomic Systems with Application to a Mobile Robot	2024	Sensors	24	11		
697.	L., Taj, Lubna; T., Yasmeen, Tahira; W., Haidar, Waqas; Q., Ali, Qasim; M.S., ARIF, Muhammad Saleem	Seasonal variations in irrigation water quality induce differential physiological and biochemical responses in sugarcane (Saccharum	2024	Soil and Environment	43	1	112	126

		officinarum L.)						
698.	S., Kousar, Shama; K., Nazir, Kaenat; M.W., Amjid, Muhammad Waqas; A.H., Ahmad Sheikh, Ali H.; F., Feroz, Fatima; H., Riaz, Husnain; M., Aziz, Marjan	Effect of different concentrations of cadmium metal and cattle manure on morph-physiological attributes of spinach (<i>Spinacia oleracea</i> L.) and fenugreek (<i>Trigonella foenum gracum</i> L.) varieties	2024	Soil and Environment	43	1	78	93
699.	Lalarukh; S.M., Hussain, Syed Makhdoom; S., Ali, Shafaqat; A.F., Zahoor, Ameer Fawad; H., Azmat, Hamda; N., Nazish, Nadia; M.A., Alshehri, Mohammed Ali; D., Riaz, Danish; E.M.A., Naeem, E. M.A.; Mahrukh	Innovation of advanced polymers from seafood waste: Applications of chitin and chitosan	2024	Polymers for Advanced Technologies	35	6		
700.	M.A., Raza, Muhammad Ahtisham; A., Ahmad, Awais; F., Saeed, F.; M.S., Hussain, Muzzamal	Maize bran arabinoxylans mediated green synthesis of silver nanoparticles and their	2024	Food Packaging and Shelf Life	43			

	Shujaat; M.S., Afzaal, Muhammad Sohail; A., Rasheed, Amara	incorporation in gelatin-based packaging film						
701.	M.U., Farooq, Muhammad Umar; Q.U., Ain, Qurat Ul; M.I., Jalees, Muhammad Irfan; M., Abid, Mahnoor; M.N., Ahmad, Mirza Nadeem; M., Kaleem, Maira; A.T., Shah, Asma Tufail; J.J., Ching, Juan Joon	Cu-TiO ₂ -Aluminosilicate Nanocomposite as Highly Efficient Photocatalyst for Sustainable Removal of Cefixime Antibiotic: Synthesis, Optimization, and Toxicity Evaluation	2024	Environmental Processes	11	2		
702.	H., Ahsan, Hadia; M.A., Saeed, Muhammad Adeel; W., Ahmad, Waleed; A., Rehman, Abdul; A., Haseeb Bashir, Abdul; V., Aiman, Vaneeza; T., Irshad, Tasmia; T., Irtza, Tuba; U., Zahid, Usman	Polyoxometalates for carbon dioxide activation: Current progress and perspective	2024	Journal of the Chinese Chemical Society	71	6	526	549
703.	S.Z., Iqbal, Shahzad Zafar; M., Hussain, Muzammil; H., Ali, Husnain; A., Haider, Ali; S., Ali,	Preparation and application of hydroxypropyl methylcellulose blended with	2024	International Journal of Biological Macromolecules	272			

	Sohail; A., Hussain, Anwar; M.A., Javed, Muhammad Asif; M., Jawaid, Mohammad	beeswax and essential oil edible coating to enhance the shelf life of sweet cherries						
704.	K., Hafeez, Khadija; M., Atif, Muhammad; S., Perveen, Shagufta; A., Parveen, Abida; F., Akhtar, Faiza; N., Yasmeen, Nadia	Unraveling the contribution of copper seed priming in enhancing chromium tolerance in wheat by improving germination, growth, and grain yield	2024	Environmental Science and Pollution Research	31	27	39549	39569
705.	A., Basharat, Arslan; R., Sharafat, Raheela; W.A., Zahid, Waqar Ali; N., Shahzad, Nabeel; M.A., Alomar, Muneerah Amer; J., Iqbal, Javed	“Exploration of photovoltaic behavior of bithiophene-functionalized dispiro-oxepine based hole-transporting materials for efficient perovskite solar cells”	2024	Physica Scripta	99	6		
706.	K., Akhtar, Kashif; N.U., Ain, Noor Ul; P.V., Prasad, Pv Vara; M., Naz,	Physiological, molecular, and environmental insights into plant	2024	Plant Genome	17	2		

	Misbah; M.M., Aslam, Mehtab Muhammad; I.G., DjaloviÄ, Ivica G.; M.A., Riaz, Muhammad Ahsan; S., Ahmad, Shakeel; R.K., Varshney, Rajeev Kumar; B., He, Bing	nitrogen uptake, and metabolism under abiotic stresses						
707.	M.B., Bahrodin, Muhammad Burhanuddin; N.S., Syamimi Zaidi, Nur Syamimi; L.Z., Zhan, Loh Zhang; N., Hussein, Norelyza; A., Kadier, Abudukeremu; A., Syafiuddin, Achmad; A.A., Ghfar, Ayman A.; M.A., Mehmood, Muhammad Aamer	Characterization of Active Coagulant Agent from Crude and Extracted Stem of Musa for Treating Food Processing Wastewater	2024	Water, Air, and Soil Pollution	235	6		
708.	H., Wang, Hong; M., Jafir, Muhammad; M.I., Irfan, Muhammad Imran; T., Ahmad, Tanveer; M., Zia-Ur-Rehman, Muhammad; M., Usman,	Emerging trends to replace pesticides with nanomaterials: Recent experiences and future perspectives for ecofriendly	2024	Journal of Environmental Management	360			

	Muhammad; M., Rizwan, Muhmmad; Y., Alhaj Hamoud, Yousef; H., Shaghaleh, Hiba	environment						
709.	K., Ilyas, Kainat; H., Iqbal, Hajra; M.S.H., Akash, Muhammad Sajid Hamid; K., Rehman, Kanwal; A., Hussain, Amjad	Heavy metal exposure and metabolomics analysis: an emerging frontier in environmental health	2024	Environmental Science and Pollution Research	31	26	3796 3	37987
710.	Y., Rasheed, Yumna; F., Khalid, Faizan; H., Ashraf, Humaira; K., Asif, Kanza; M.F., Maqsood, Muhammad Faisal; N., Naz, Nargis; M.S., Shahbaz, Muhammad Shahzad; U., Zulfiqar, Usman; Q., Ali, Qasim; S., Rana, Shamsa	Enhancing Plant Stress Resilience with Osmolytes and Nanoparticles	2024	Journal of Soil Science and Plant Nutrition	24	2	1871	1906
711.	M.A., Sufian, Muhammad Abu; G., Abbas, Ghulam; A., Rasul, Akhtar; M.H., Irfan, Muhamamd Hamza; H., Khan,	Moxifloxacin-loaded nanoparticles of thiolated xyloglucan for ocular drug delivery:	2024	International Journal of Biological Macromolecules	270			

	Hafeezullah	Permeation, mucoadhesion and pharmacokinetic evaluation						
712.	H., Sharif, Humaira; F., Fatmawati, F.; D., Habib, Danial; B., Ali, Bagh	Bejan number and entropy generation analysis of unsteady MHD non-Newtonian micropolar squeezed trihybrid nanofluid flow	2024	Partial Differential Equations in Applied Mathematics	10			
713.	A., Hidki, Abdelkader; A., Lakhfif, Abderrahim; M., Nassik, Mostafa; R., Ahmed, Rizwan; A., Sohail, Amjad	Generation of entanglement and quantum steering via Josephson parametric amplifier in a dual cavity-magnon system	2024	Physica Scripta	99	6		
714.	F., Ali, Faisal; A.A., Khakwani, Abdul Aziz; I., Hussain, Iqtidar; G., Ullah, Ghazanfar; A.A.A., Zai, Atiq Ahmad Ali; M., Abass, Moneeza; Z., Hasnain, Zuhair; S., Zafar, Sara	Response of Sweet Sorghum Varieties to Different Fertilizer Doses for Sugar Recovery and Biomass Production Under Irrigated	2024	Sarhad Journal of Agriculture	40	2	418	430

		Conditions of Dera Ismail Khan						
715.	M.U., Waseem, Muhammad Umair; M., Jawad, Muhammad; S., Naeem, Sidra; A., Majeed, Aaqib	Impact of Motile Microorganisms and Chemical Reaction on Viscoelastic Flow of Non-Newtonian Fluid with Thermal Radiation Subjected to Exponentially Stretching Sheet Amalgamated in Darcy-Forchheimer Porous Medium	2024	BioNanoScience	14	2	1601	1612
716.	H., Munir, Haroon; M.H., Alam, Muhammad Hamza; M.T., Nadeem, Muhammad Tahir; R.S., Almalki, Riyadh S.; M.S., Arshad, Muhammad Sajid; H.A., Suleria, Hafiz A.R.	Green banana resistant starch: A promising potential as functional ingredient against certain maladies	2024	Food Science and Nutrition	12	6	3787	3805
717.	G.M., Mustafa, Ghulam Muhammad; H.D., Alkhaldi, Hanof	First principle investigation of half metallic ferromagnetism	2024	Chinese Journal of Physics	89		1624	1632

	Dawas; S., Saba, Sadaf; A., Almeshal, Abdelkareem; A.S., Alofi, Ayman S.; M.M., Al-Anazy, Murefah Mana; A.I., Aljameel, A. I.; A.A., Alshihri, Abdulaziz A.; Q., Mahmood, Qasim	and thermoelectric behavior of MgSm ₂ (S/Se) ₄ spinels for spintronic and energy harvesting applications						
718.	S., Alharthi, Sitah; A., Abdullah Alrashidi, Amal; S.Z., Alavi, Seyed Zeinab; G.H.S., Alotaibi, Ghallab Hamoud Sinhat; A., Raza, Aun; G.E., Zahra, Gull E.; H., Ebrahimi Shahmabadi, Hasan; S.E., Alavi, Seyed Ebrahim	Enhancing the therapeutic landscape of cutaneous leishmaniasis: pegylated liposomal delivery of miltefosine for controlled release and improved efficacy	2024	Journal of Drug Delivery Science and Technology	96			
719.	A., Shoukat, Aurbab; M.A., Imran, Muhammad Asif; M.K., Khan, Muhammad Kamran; M.H., Ahmad, Muhammad Haseeb; R.S., Shabir Ahmad,	Impact of spray drying operating conditions on yield, secondary metabolites, antioxidant potential and storage quality of grape (<i>Vitis vinifera</i> L.)	2024	South African Journal of Botany	169		383	395

	Rabia S.; M.F., Ramadan, Mohamed Fawzy; M.F., Nadeem, Muhammad Faisal; A., Yasmin, Adeela; M.A., Rahim, Muhammad Abdul; M.I., Khan, Muhammad Imran	pomace powder						
720.	M., Nafees, Mohammad; M.A., Ali, Muhammad Azhar; L., Qiu, Linlin; Y., Yin, Ying; M., Xu, Meiling; G., Wang, Guobing; S., Ali, Shafaqat; H., Guo, Hongyan	Mechanistic approach of tannery wastewater and sulfadiazine mutual toxicity in wheat (<i>Triticum aestivum</i> L.) and mitigation through exogenous application of gallic acid.	2024	Chemosphere	358			
721.	G., Nasreen, Ghazala; M.M., Khan, Muhammad Murad; M., Younus, Muhammad; B., Zafar, Bushra; M.S., Hanif, Muhammad Shehzad	Email spam detection by deep learning models using novel feature selection technique and BERT	2024	Egyptian Informatics Journal	26			
722.	N., Naz, Namisa; M.H., Manzoor,	Porous organic polymers; an	2024	Applied Materials Today	38			

	Muhammad Husnain; S.M.G., Naqvi, Syeeda Maimoona Ghayyoor; U., Ehsan, Usama; M., Aslam, Maira; F.W.C., VerpoorÅ¥, Francis Walter Cornelius	emerging material applied in energy, environmental and biomedical applications						
723.	Y., Guan, Yingzi; N., Abbas, Naseem; A., Hussain, Akhtar; S., Fatima, Samara; S., Muhammad, Shah	Sensitive visualization, traveling wave structures and nonlinear self-adjointness of Cahnâ€Allen equation	2024	Optical and Quantum Electronics	56	6		
724.	R., Shahid, Rameen; M., Hussain, Misbah; M.U., Ghori, Muhammad Umer; A., Bilal, Ahmed; F.R., Awan, Fazli Rabbi	Association of hyperuricemia with metabolic syndrome and its components in an adult population of Faisalabad, Pakistan	2024	Nutrition, Metabolism and Cardiovascular Diseases	34	6	1554	1558
725.	S., Chen, Shengyao; M.S., Saqib, Muhammad Shahab; H.S., Khan, Hafiz Sajid; Y., Bai, Yuan; U.A., Ashfaq, Usman Ali; M.K., Mansoor,	Risk of infection with arboviruses in a healthy population in Pakistan based on seroprevalence	2024	Virologica Sinica	39	3	369	377

	Muhammad Khalid; A., Moming, Abulimiti; J., Liu, Jing; M., Zhou, Min; S.K., Niazi, Saifullah Khan							
726.	N., Shafiq, Nusrat; M., Arshad, Misha; A., Ali, Awais; F., Rida, Fatima; M., Mohany, Mohamed; U., Arshad, Uzma; M.N., Umar, Muhammad Naveed; M.D., MiloÅjeviÄž, Marija D.	Integrated computational modeling and in-silico validation of flavonoids- Alliuocide G and Alliuocide A as therapeutic agents for their multi-target potential: Combination of molecular docking, MM-GBSA, ADMET and DFT analysis	2024	South African Journal of Botany	169		276	300
727.	S., Urooj, Sunaira; R., Rasheed, Rizwan; M.A., Ashraf, Muhammad Arslan; S., Ali, Shafaqat; I., Hussain, Iqbal	Thiamine Regulated Osmolyte Accumulation, Nutrient Acquisition, and ROS Metabolism to Lessen Salinity Effects on Wheat (Triticum aestivum L.)	2024	Journal of Soil Science and Plant Nutrition	24	2	3560	3578
728.	S., Majeed, Shahid;	Efficacy of	2024	International Journal of Tropical Insect	44	3	1391	1398

	M.A., Sufyan, Muhammad Abu; A., Abbasi, Asim; M., Binyameen, Muhammad; R., Saleem, Ramish; W.A.H., Alkherb, Wafa Abdullah Hamad; S., Faisal, Shahla; J., Ijaz, Jamil; H., Hameed, Hira	different blood meals for the mass rearing of Aedes aegypti (Diptera: Culicidae) population		Science				
729.	U., Iqbal, Urooj; A.U., Malik, Abdul U.; N.T., Sial, Nabeela Tabassum; A.M., Uttra, Ambreen Malik; M., Fayyaz-Ur-Rehman, Muhammad; M.H., Mehmood, Malik Hassan	Molecular insights of Eucalyptol (1,8-Cineole) as an anti-arthritis agent: in vivo and in silico analysis of IL-17, IL-10, NF- κ B, 5-LOX and COX-2	2024	Inflammopharmacology	32	3	1941	1959
730.	Z., ShiYong, Zheng; K., Liu, Kang; Y., Li, Yuming; B., Li, Biqing; A., Usman, Ahmed	How does hydrogen energy technology help to achieve carbon neutrality targets?	2024	Renewable Energy	227			
731.	S., Yasin, Sadia; M.A., Khan, Meraj Ali; S., Ahmad, Shabir; S.F., Aldosary, Saud	Abundant new optical solitary waves of paraxial wave dynamical model with kerr	2024	Optical and Quantum Electronics	56	6		

	Fahad	media via new extended direct algebraic method						
732.	A.B., Siddique, Abu Bakar; M.A., Shaheen, Muhammad Ashraf; A.R., Abbas, Azhar R.; Y., Zaman, Yasir; A.M., Ali, Akbar M.; M., Naeem-ul-Hassan, Muhammad; J., Iqbal, Javed	Photocatalytic and biological efficacy of Carissa macrocarpa fruit extract-mediated one-pot synthesized ternary metal oxide dual S-scheme heterojunction	2024	Journal of Environmental Chemical Engineering	12	3		
733.	E., Rashid, Eram; S.M., Hussain, Syed Makhdoom; P.K., Sarker, Pallab Kumer; S.M., Ali, Shafaqat M.; B.A., Paray, Bilal Ahmad	Assessment of polystyrene microplastics as dietary additives in aquaculture species, Catla catla: Alters growth, feed utilization, nutritional composition, hematology and gut histopathology	2024	Aquaculture Reports	36			
734.	G.M.U., Din, Ghulam Mueen Ud; A., Hussain, Ashiq; H., Ashraf, Haima; T., Kausar, Tusneem; H.,	Physicochemical, nutritional and organoleptic characteristics of cookies based on water chestnut	2024	Food Chemistry Advances	4			

	Fatima, Haya; Sidrah; S., Akram, Saima; M.A., Ramzan, Muhammad Asad; A., Iqbal, Aqsa; I., Cacciotti, Ilaria	(Trapa natans) and wheat						
735.	R., Kaiyrzhanov, Rauan; J.D., Ortigoza-Escobar, Juan DarÃo; B.W., Stringer, Brett William; M.T., Ganieva, Manizha T.; V.K., Gowda, Vykuntaraju K.; V.M., Srinivasan, Varunvenkat M.; A., Macaya, Alfons; A., Laner, Andreas; E., Onbool, Enass; R., Al-Shammari, Randa	Clinical and Molecular Spectrum of Autosomal Recessive CA8- Related Cerebellar Ataxia	2024	Movement Disorders	39	6	983	995
736.	J., Xu, Jianzhong; Z., Hussain, Zaryab; A.S.M., Metwally, Ahmed Sayed Mohammed; M.A., Binyamin, Muhammad Ahsan	A Mathematical Investigation for the Temperature Indices of SiO4 in Silicate and Silicate Chain Networks	2024	Silicon	16	9	4003	4012
737.	M., Vivas-Cortez, Miguel; M.Z., Javed, Muhammad Zakria; M.U., Awan,	Bullen-Mercer type inequalities with applications in numerical	2024	Alexandria Engineering Journal	96		15	33

	Muhammad Uzair; M.A., Noor, Muhammad Aslam; S.S., Dragomir, Silvestru Sever	analysis						
738.	T., Wang, Tonghong; X., Wang, Xufeng; S., Zhang, Songlin; X., Song, Xiaoyu; Y., Zhang, Yang; J., Tan, Junlei; Z., Ren, Zhiguo; Z., Xu, Ziwei; T., Che, Tao; Y., Yang, Yanpeng	Extreme low air temperature and reduced moisture jointly inhibit respiration in alpine grassland on the Qinghai-Tibetan Plateau	2024	Science of the Total Environment	927			
739.	M., Junaid, Muhammad; N., Hamid, Naima; S., Liu, Shulin; Z., Abbas, Zohaib; M.A., Imran., Muhammad Asjad; M.R., Haider, Muhammad Rizwan; B., Wang, Bin; G., Chen, Guanglong; H.K., Khan, Hudda Khaleeq; Q., Yue, Qiang	Interactive impacts of photoaged micro(nano)plastics and co-occurring chemicals in the environment	2024	Science of the Total Environment	927			
740.	G., Mustafa, Ghulam; R., Munir, Ruba; B., Sadia, Bushra; F., Younas,	Synthesis of polymeric ferrite composites (Ni-CoFe ₂ O ₄ /Chitosa	2024	Journal of Environmental Chemical Engineering	12	3		

	Fazila; M., Sayed, Murtaza; A., Muneer, Amna; M.F., Sardar, Muhammad Fahad; G.I., Albasher, Gadah Ibraheem; S., Noreen, Saima	n, Zn-NiFe2O4/Starch, Co-NiZnFe2O4/Polyaniline, Ni doped CrZnFe2O4/Alginate, and Cr doped ZnCoFe2O4/PVA) for the removal of reactive golden yellow-160 dye from wastewater						
741.	C., Javed, Chanda; R., Noreen, Razia; S.G., Niazi, Samia Gul; M.M., Kiyani, Mubin Mustafa; Q., UI Ain, Qurat	Anti-gouty arthritis and anti-inflammatory effects of curcumin nanoparticles in monosodium urate crystals induced Balb/C mice	2024	Inflammopharmacology	32	3	1929	1940
742.	S.A.A., Raza Naqvi, Syed Ali Asad; Kaif UI-Wara; S., Adeel, Shahid; R., Mia, Rony; M., Hosseinneshad, Mozghan; L.J., Jameel Rather, Luqman Jameel; M.A., Imran, Muhammad Ali	Modern ecofriendly approach for extraction of luteolin natural dye from weld for silk fabric and wool yarn dyeing	2024	Sustainable Chemistry and Pharmacy	39			

743.	A., Rehman, Abdul; A., Ali, Adnan; S., Ikram, Salma; K., Mahmood, Khalid; A.A., Tarabsheh, Anas Al	Emerging pathways in thermoelectric: Chemical bath deposition of magnesium selenide thin films for sustainable energy harvesting	2024	Ceramics International	50	11	2075 8	20763
744.	M., Fatima, Maham; Y., Iqbal, Yasir; M.M., Ahmad, Muhammad Muneeb; S.A.S., Chatha, Shahzad Ali Shahid; I.U., Khan, Ikram Ullah; A.I., Hussain, A. I.	Fabrication and evaluation of CMC-Ag and CMC-Zn-based composite films as biobased wound dressings	2024	Carbohydrate Polymer Technologies and Applications	7			
745.	R., Naseer, Rehana; I., Imtiaz, Ifra; S., Akram, Sumia; Z., Liaqat, Zainab; I., Liaqat, Irum; M.A., Mushtaq, Muhammad Asim	Plant aqueous extracts to Control Tribolium castaneum (Herbst) Infestation during Rice and Wheat storage	2024	International Journal of Tropical Insect Science	44	3	1149	1157
746.	S.M., Ali, Sajjad M.; A., Mueed, Abdul; M.S., Jahangir, Muhammad Shadab; S., Sammi, Shehla; S.A.,	Evolution of olive farming, industry, and usage in Pakistan: A comprehensive review	2024	Journal of Agriculture and Food Research	16			

	Ahmad Zakki, Shahbaz Ahmad; A., Amin, Ammad; K., Anwar, Khurshid; A., Ayoub, Anam; P., Li, Pengfei; F., Shehzad, Faisal							
747.	M.A., Mehmood, Muhammad Aamer; M., Amin, Mahwish; M.A.U., Haq, Muhammad Adnan Ul; A., Shahid, Ayesha; S., Malik, Sana; A.J., Siddiqui, Amna Jabbar; N., Wang, Ning; H., Zhu, Hui; A., Rasul, Azhar; A.H., Chaudhry, Ahmed Hassan	Assessment of molecular and metabolic traits of a newly isolated Spirulina platensis BERC15 in a low-cost cultivation alternative for its use as functional food	2024	Bioresource Technology Reports	26			
748.	M., Aamir, Muhammad; A., Abid, Ahtesham; I., Azam, Iqra; A., Ikram, Ali; F., Saeed, F.; M.S., Afzaal, Muhammad Sohail; H., Ateeq, Huda; N., Akram, Noor; S., Hussain, Shahzad; M.R., Khan, Mahbubur	Characterization of carbonated beverage fortified with chamomile herbal extract	2024	Food Science and Nutrition	12	6	4353	4361

	Rahman							
749.	F.N., Akbar, Farah Naz; S., Mahmood, Shahid; G., Mueen-Ud-Din, Ghulam; W., Khalid, Waseem; M.Z., Khalid, Muhammad Zubair; Z., Aziz, Zaira; S.A., Al-Farraj, Saleh A.; M.J., Ansari, Mohammad Javed; F.K., Madilo, Felix Kwashie	A randomized controlled trial of sweet basil leaf powder-enriched cookies for anemia management in adolescent girls	2024	Food Science and Nutrition	12	6	4321	4329
750.	A., Kodirov, Akbar; D., Abduvokhidov, Davronjon; S.I., Mamatkulov, Shavkat I.; H.M.A., Shahzad, Hafiz Muhammad Aamir; J.I., Razzokov, Jamoliddin I.	The Absorption Mechanisms of CO ₂ , H ₂ S and CH ₄ Molecules in [EMIM][SCN] and [EMIM][DCA] Ionic Liquids: A Computational Insight	2024	Fluid Phase Equilibria	581			
751.	F.A., Al-Joufi, Fakhria A.; S., Shaukat, Saira; L., Hussain, Liaqat; K.U.R., Khan, Kashif Ur Rehman; N., Hussain, Nadia; A.H.I., Al Haddad, Amal Hussain Ibrahim; A.M.A.,	Lavandula stoechas significantly alleviates cigarette smoke-induced acute lung injury via modulation of oxidative stress and the NF- κ B	2024	Food Bioscience	59			

	Alqahtani, Ali Mosfer A.; T., Alqahtani, Taha; M.A., Momenah, Maha Abdullah; S.A., Ibrahim, Salam Adnan	pathway						
752.	R.S.A., Almufarij, Rasmiah Saad A.; M.T., Jamil, Muhammad Tufiq; E., Alsubhe, Emaan; S.M., Alghamdi, Shoug Mohammad; E.A., Shokralla, Elsammani Ali; K.M., Khan, Khushi Muhammad; A., Ashfaq, Arslan; A., Ali, Adnan; S.A.A., Jafri, Syed Asfar Ahmad; M.S., Khan, Mohd Shakir	Enhancing solar cell efficiency through tandem structures utilizing lead-free mixed cation perovskites and CZTSe absorber layers	2024	Chemical Physics Impact	8			
753.	S., Arbab, Sobia; A., Hussain, Ajaz; M.A., Assiri, Mohammed Ail; M.J.U.H., Nadeem, Muhammad Jawad Ul Hasan; K., Ayyub, Khurshid; M., Ammar, Muhammad; M.A.,	Synthesis of Polyoxometalates -Dianhydrides Based Polyimides for Photocurrent Generation: A Combined Experimental and Computational Study	2024	Journal of Cluster Science	35	5	1359	1374

	Khan, Muhammad Ali; H.M.S., Asif, Hafiz Muhammad Shahzad; I.A., Shaaban, Ibrahim A.							
754.	A., Ali, Adnan; M.S., Hussain, M. Sharafat; R.S.A., Almufarij, Rasmiah Saad A.; M.Y., Ali, Muhammad Yasir; L.G., Alharbe, Lamiaa G.; H.H., Somaily, H. H.; E.A., Shokralla, Elsammani Ali; S.H., Alrefaee, Salhah Hamed; A., Ashfaq, Arslan; A.R., Abd-Elwahed, A. R.	Enhancing light trapping efficiency: Germanium-coated porous silicon structures for optimal antireflection performance	2024	Ceramics International	50	11	19424	19428
755.	S., Saleem, Salman; M., Nazeer, Mubbashar; N., Radwan, Neyara; H., Abutuqayqah, Hajar	Significance of hafnium nanoparticles in hydromagnetic non-Newtonian fluid-particle suspension model through divergent channel with uniform heat source: thermal	2024	Zeitschrift fur Naturforschung - Section A Journal of Physical Sciences	79	6	567	582

		analysis						
756.	Z., Faiz, Zunaira; S., Parveen, Shakeela; S., Saeed, Saba; M.H., Tayyab, Muhammad Haleem; M., Sultana, Mehwish; M.S., Hussain, Muhammad Shahzad; Z., Shafqat, Zainab	Comparative genomic studies on the TGF- β^2 superfamily in blue whale	2024	Mammalian Genome	35	2	228	240
757.	A., Hafeez, Arslan; R., Rasheed, Rizwan; M.S., Rizwan, Muhamamd Shahid; N., Habib, Noman; S., Zafar, Sadia; M.I., Shad, Mudassir Iqbal; S.M., Ali, Shafaqat M.; M.A., Ashraf, Muhammad Arslan	Correction to: Taurine Enervates Nickel Stress in Lagenaria siceraria by regulating Redox Balance, Methylglyoxal Detoxification, H ₂ S Production, and Nickel Uptake (Journal of Soil Science and Plant Nutrition, (2024), 24, 2, (2334-2353), 10.1007/s42729-023-01603-x)	2024	Journal of Soil Science and Plant Nutrition	24	2	2534	
758.	X., Du, Xingsheng; A., Tariq, Aqil; F.,	Integrated study of GIS and	2024	Physics and Chemistry of the Earth	134			

	Islam, Fakhrul; S., Aziz, Samman; L.A., Waseem, Liaqat Ali; M.N., Ahmad, Muhammad Nasar; M., Amin, Muhammad; N.U., Amin, Naz Ul; S., Ali, Shoaib; M.N., Aslam, Muhammad Naveed	Remote Sensing to identify potential sites for rainwater harvesting structures						
759.	M.A., Mehmood, Muhammad Aamer; M., Amin, Mahwish; M.N., Haider, Muhammad Nabeel; S., Malik, Sana; H.A., Malik, Hafiza Aroosa; M.A., Alam, Md Asraful; J., Xu, Jingliang; A.H., Alessa, Abdulrahman H.; A.Z., Khan, Aqib Zafar; R., Boopathy, Raj	Wastewater-Grown Algal Biomass as Carbon-neutral, Renewable, and Low Water Footprint Feedstock for Clean Energy and Bioplastics	2024	Current Pollution Reports	10	2	172	188
760.	Z., Parveen, Zahida; I., Lalarukh, Irfana; S.A., Al-Dhumri, Sami Ali; A.F., Naqvi, Alveena F.; S.F., Amjad, Syeda	Does Exogenous Application of salicylic acid induce salt stress tolerance in potentially high-	2024	Egyptian Journal of Soil Science	64	2	507	521

	Fasiha; N.F., Alsayied, Nouf Fakieh; M.D., Hazaimah, Mohammad Daher; W., Al Shammri, Wasima; M., Al Mutari, Muhammad; F.A., Alhussayni, Fatima A.	yielding modern wheat cultivars?						
761.	N.A., Akram, Nudrat Aisha; K., Fatima, Kaneez; H., Kong, Haiyan; N., Zafar, Nimra; S., Mahmood, Seema; M., Ashraf, Muhammad; A.A.H., Abdel Latef, Arafat Abdel Hamed	Interactive Effect of Drought Stress and l-Methionine on the Growth and Physio- Biochemical Changes in Broccoli (Brassica oleracea L. var. italica): Leaf and Head	2024	Journal of Plant Growth Regulation	43	6	1954	1966
762.	W., Tahir, Waqar; M., Farhan, Muhammad; A.R., Bhatti, Abdul Rauf; A., Dawood Butt, Arslan; G., Farid, Ghulam	A modified control strategy for seamless switching of virtual synchronous generator-based inverter using frequency, phase, and voltage regulation	2024	International Journal of Electrical Power and Energy Systems	157			
763.	A., Ayyoub, Anam;	The Dual	2024	Journal of Plant Growth Regulation	43	6	1801	1813

	Q., Ali, Qasim; S., Zafar, Sara; D., Zhanakhmetova, Diana; B., Afzal, Beenish; J., Liesche, Johannes	Function of Lysine as Iron-Chelator and Active Compound Benefits Productivity and Drought Tolerance of <i>Nigella sativa</i> L						
764.	A., Hafeez, Arslan; R., Rasheed, Rizwan; M.S., Rizwan, Muhamamd Shahid; N., Habib, Noman; S., Zafar, Sadia; M.I., Shad, Mudassir Iqbal; S.M., Ali, Shafaqat M.; M.A., Ashraf, Muhammad Arslan	Taurine Enervates Nickel Stress in <i>Lagenaria siceraria</i> by regulating Redox Balance, Methylglyoxal Detoxification, H ₂ S Production, and Nickel Uptake	2024	Journal of Soil Science and Plant Nutrition	24	2	2334	2353
765.	N., Sadiq, Naeem; M., Jawad, Muhammad; F., Khalid, Fareeha; S., Jahan, Shah; A.M., Hassan, Ahmed M.	Comparative Analysis of Non-Newtonian and Newtonian Fluid Flow with Dual Slip in the Presence of Motile Microorganisms and Nanoparticles	2024	BioNanoScience	14	2	1504	1519
766.	M., Jawad, Muhammad; N.,	Analysis of Chemical	2024	BioNanoScience	14	2	605	618

	Sadiq, Naeem; M.R., Ali, Mohamed R.	Reactive Tangent Hyperbolic Nanofluid Flow with Joule Heating and Motile Microorganisms Through Stretchable Surface						
767.	M.A., Basit, Muhammad Abdul; M.T., Tahir, Madeeha Teham; N.A., Shah, Nehad Ali; S.M., Tag, Sayed M.; M.A., Imran., Muhammad Asjad	An application to formable transform: Novel numerical approach to study the nonlinear oscillator	2024	Journal of Low Frequency Noise Vibration and Active Control	43	2	729	743
768.	I., Ullah, Ikram; M.S., Uzair, Muhammad Shahkar; O.U., Rehman, Obaid Ur; S., Attacha, Safira; K.A., Attia, Kotb A.; S., Ahmad, Sheraz; M., Salman, Muhammad; H., Ali, Hamid; M.A.R., Rashid, Muhammad Abdul Rehman; A.M.A., Abushady, Asmaa	Characterization of the tubby-like proteins (TLPs) gene family in Cucumis sativus L.: insights into the evolution, structure, and expression patterns under salt stress	2024	Genetic Resources and Crop Evolution	71	5	2019	2036

	Mohammed Aly							
769.	F., Asad, Farkhanda; N., Batool, Navaira; A., Nadeem, Aiman; S., Bano, Shehar; N., Anwar, Noshaba; R., Jamal, Rafia; S., Ali, Shahbaz	Fe-NPs and Zn-NPs: Advancing Aquaculture Performance Through Nanotechnology	2024	Biological Trace Element Research	202	6	2828	2842
770.	S., Jabbar, Saqib; H., Asif, Hiba; R.T.M., Ahmad, R. T.M.; S., Sharif, Sadia; I.A., Khan, Ijaz Ahmad; M.A., Shafique, Muhammad Ahsan	Changes in Structural and Optical Properties of TiO2 Thin Films Irradiated by Various Doses of 300 keV Carbon Ions	2024	Journal of Materials Engineering and Performance	33	12	6014	6023
771.	G., Yue, Guiling; A., Zubair, Ahsan; M., Usman, Muhammad; M.A., Abro, Muhammad Azeem	Institutional Environment and Tourism: Moderating Role of Host Countries' Health System	2024	Journal of the Knowledge Economy	15	2	7358	7374
772.	F., Hussain, Fakhar; Z., Hussain, Zakar; M.I., Khan, Muhammad Ikramullah; A., Imran, Ali	The digital rise and its economic implications for China through the Digital Silk Road under the Belt and Road Initiative	2024	Asian Journal of Comparative Politics	9	2	238	253

773.	A., Rafiq, Ayesha; S., Aslam, Sana; M.N., Ahmad, Matloob N.; M.S., Nazir, Muhammad Shahid; A., Farooq, Ambar; S., Sultan, Sadia	Recent synthetic approaches towards thienothiophenes : a potential template for biologically active compounds	2024	Molecular Diversity	28	3	1793	1821
774.	X., Xu, Xinxin; S.H., Tahir, Safdar Husain; K.B., Khan, Khuda Bakhsh; M.A., Sajid, Mushtaq A.; M.A., Safdar, Muhammad Azhaf	Beyond regression: Unpacking research of human complex systems with qualitative comparative analysis	2024	Heliyon	10	10		
775.	S.Z., Iqbal, Shahzad Zafar; M., Waseem, Muhammad; A.F., Abdull Razis, Ahmad Faizal; I.A., Ahmad Bhatti, Ijaz Ahmad; A., Mousavi Khaneghah, Amin; O.A., Mohammed, Osama A.; S.P., Lakshminarayanan, Srimathi Priya; M.A., Iqbal, Munawar Aqeel	Mycotoxin patulin contamination in various fruits and estimating its dietary impact on the consumers: From orchard to table	2024	Heliyon	10	10		
776.	I., Zahra, Itrat; L.R., DeVine, Lauren R.;	Insights into the differential	2024	Journal of Proteomics	300			

	R.N., Cole, Robert Norman; H.A., Malik, Hafiza Aroosa; J., Wu, Jinke; J., Wen, Junneng; A., Hedfi, Amor; A., Liaqat, Ayesha; R., Ijaz, Roohi; U., Ramzan, Uzma	proteome landscape of a newly isolated Paramecium multimicronucleatum in response to cadmium stress						
777.	M., Majeed, Misbah; M., Akhtar, Maria; R., Khatoon, Rabia; N., Amin, Nasir; N.A., Morley, Nicola A.; L., Tung, Leduc; M., Amami, Mongi; W., Abbas, Wasim; S.M., Siddeeg, Saifeldin M.; N., Thi Kim Thanh, Nguyen	Dielectric and magnetic response of Cu-Co-Sm ferrite impregnated with graphene nanoplatelets for high-frequency device applications	2024	Journal of Alloys and Compounds	986			
778.	A., Azeem, Asad; n., Sami-UI-Allah; S., Khan, Sana; S., Azeem, Sonia; H., Shahid, Huma; M.Z., Ul Haq, Muhammad Zia; W., Ahmad, Waqas	Strategies for conservation in the face of biodiversity decline	2024				188	207
779.	K., Ashfaq, Khurram; S.U., Rehman, Shafique Ur; N.T., Nguyen,	The effect of IFRS 8 on segments disclosure practices in South	2024	Journal of Financial Reporting and Accounting	22	3	583	607

	Nhat Tan; A., Riaz, Adil	East Asia						
780.	A.D., Khan, Aryan Dilawar; M., Mustajab, Muhammad; S., Moeen, Sawaira; M.A., Imran, Muhammad Al; M., Ikram, Muhammad; Q., Khan, Qasim; M., Khan, Maaz	Advancements in the stability, protection and lead-free strategies of perovskite solar cells: a critical review	2024	Environmental Science: Advances	3	7	1004	1029
781.	A., Tahir, Ali; R.S., Shabir Ahmad, Rabia S.; M.K., Khan, Muhammad Kamran; M.A., Imran, Muhammad Asif; G.G., Hailu, Gebremichael Gebremedhin	Optimization of Production Parameters for Fabrication of Gum Arabic/Whey Protein-Based Walnut Oil Loaded Nanoparticles and Their Characterization	2024	ACS Omega	9	21	22839	22850
782.	Q., Raza, Qasim; I., Bibi, Ismat; F., Majid, Farzana; A., Dahshan, A.; S., Kamal, Shagufta; K., Jilani, Kashif; G., Fatima, Gul; B., Taj, Babar; N.M., Alwadai, Norah	Dielectric, ferroelectric, optical and photocatalytic properties of Al and Ag-doped strontium hexaferrite (SrFe12O19)	2024	Journal of Alloys and Compounds	985			

	Muhammad; M.A., Iqbal, Munawar Aqeel	synthesized via facile micro-emulsion approach						
783.	A., Naeem, Abeera; B., Saeed, Babar; H., AlMohamadi, Hamad; M., Lee, Mungyu; M.A., Gilani, Mazhar Amjad; R., Nawaz, Rab; A.L., Khan, Asim Laeeq; M., Yasin, Muhammad	Sustainable and green membranes for chemical separations: A review	2024	Separation and Purification Technology	336			
784.	K., Ameer, Kashif; M.A., Anjum Murtaza, Mian Anjum; S., Zainab, Saadia; Y., Kim, Young-min; M.U., Arshad, Muhammad Umair; I., Pasha, Imran; M.A., Abid, Muhammad Ahtasham; M., Park, Mikyung	Polysaccharide-based films: Carriers of active substances and controlled release characteristics	2024				379	400
785.	F., Abid, Farah; M.U., Saleem, Mohammad Usman; T., Jamshaid, Talha; U., Jamshaid, Usama; F.S.,	Opuntia monacantha: Validation of the anti-inflammatory and anti-arthritis activity of its	2024	Journal of Ethnopharmacology	326			

	Youssef, Fadia S.; R.M., Diri, Reem M.; S.S., Elhady, Sameh S.; M.L., Ashour, Mohamed Lotfy	polyphenolic rich extract in silico and in vivo via assessment of pro- and anti-inflammatory cytokines						
786.	A.I., Ahmad, Awais I.; S., Khan, Safia; T., Chhabra, Tripti; S., Tariq, Sadaf; M., Sufyan Javed, Muhammad; H., Li, Hu; S.R., Naqvi, Salman Raza; S.K., Saravanan Rajendran, Saravanan Kumar; R., Luque, Rafael; I., Ahmad, Ikram	Synergic impact of renewable resources and advanced technologies for green hydrogen production: Trends and perspectives	2024	International Journal of Hydrogen Energy	67		788	806
787.	Z., Asghar, Zeeshan; U., Khalid, Usman; M., Nazeer, Mubbashar; H.S., Rasheed, H. S.; A., Kausar, A.	Computational study of flow and heat transfer analysis of Ellis fluid model in complicated divergent channel	2024	Modern Physics Letters B	38	14		
788.	A., Rehman, Abdul; K.M., Alwutayd, Khairiah Mubarak; D., Alshehri, Dikhnah; I.M., Alsudays, Ibtisam	Regulatory role of AGC genes in heat stress adaptation in maize (Zea mays)	2024	Functional Plant Biology	51	6		

	Mohammed; F., Azeem, Farrukh; S., Rahman, Shahroz; M., Abid, Muhammad; A.A., Shah, Asad Ali							
789.	M.Z., Yaqoob, Muhammad Zeshan; M.W., Anwar, Muhammad Waqas; A., Ghaffar, Abdul; M., Alkanhal, Majeed; Y., Khan, Yasink; M.U., Shahid, Muhammad Usman	Temperature-assisted electromagnetic surface modes in graphene-based temperature sensitive metafilms	2024	Optics Continuum	3	5	714	731
790.	M.Y., Tahir, Muhammad Yahya; S., Muzammal, Sadia; S., Ali, Shafaqat; E.S., M Tag El Din, El Sayed; M., Sufyan Javed, Muhammad	Chapter 16 Production of Green Hydrogen through Metal-Based Photocatalysts	2024	ACS Symposium Series	1468		425	450
791.	M., Mushahid Zafar, Muhammad; A., Yusaf, Amnah; M., Usman, Muhammad; A., Rauf, Abdur; N., Rasool, Nasir; S., Nawaz, Samia; L.,	Effect of TX-100 on solubilizing power of CTAB and CPC for H Acid: An experimental and computational analysis	2024	Journal of Molecular Liquids	402			

	Rasool, Lubna							
792.	I., Liaquat, Iqra; R., Munir, Ruba; N.A., Abbasi, Naseer Ahmed; B., Sadia, Bushra; A., Muneer, Amna; F., Younas, Fazila; M.F., Sardar, Muhammad Fahad; M., Zahid, Muhammad; S., Noreen, Saima	Exploring zeolite-based composites in adsorption and photocatalysis for toxic wastewater treatment: Preparation, mechanisms, and future perspectives	2024	Environmental Pollution	349			
793.	S., Abbas, Shakeel; T.H., Bokhari, Tanveer Hussain; A., Zafar, Amina; S., Javed, Saqib; S., Karim, Shafqat; H., Sun, Hongyu; S., Hussain, Shafqat; A., Khalid, Atia; Y., Yu, Yanlong; R.T.A., Khan, Rao Tahir Ali	Zn doping induces rich oxygen vacancies in γ -MnO ₂ flower-like nanostructures for impressive energy density coin cell supercapacitor	2024	Journal of Energy Storage	87			
794.	S., Iqbal, Shahid; J., Xu, Jianchu; M.S., ARIF, Muhammad Saleem; F.R., Worthy, Fiona Ruth; D.L., Jones, Davey Leonard; S., Khan, Sehroon; S.A., Alharbi, Sulaiman Ali; E.A.,	Do Added Microplastics, Native Soil Properties, and Prevailing Climatic Conditions Have Consequences for Carbon and Nitrogen	2024	Environmental Science and Technology	58	19	8464	8479

	Filimonenko, Ekaterina A.; S., Nadir, Sadia; D., Bu, Dengpan	Contents in Soil? A Global Data Synthesis of Pot and Greenhouse Studies						
795.	A., Mushtaq, Aqsa; A.F., Zahoor, Ameer Fawad; S.U., Ahmad, Sajjad U.; M.J., Saif, Muhammad Jawwad; A., ul Haq, Atta; S.G., Khan, Samreen Gul; A.A., Al-Mutairi, Aamal A.; A., Irfan, Ali; S.A., Alâ€™Hussain, Sami A.; M.E.A., Zaki, Magdi Eâ€œ A.	A Comprehensive Review on Benzofuran Synthesis Featuring Innovative and Catalytic Strategies	2024	ACS Omega	9	19	20728	20752
796.	U., Saleem, Usman; I., Khalid, Ikrima; L., Hussain, Liaqat; A.M., Alshammari, Abdulrahman Mohammed; N.A., Albekairi, Norah A.	Crosslinked PVA-g-poly(AMPS) Nanogels for Enhanced Solubility and Dissolution of Ticagrelor: Synthesis, Characterization, and Toxicity Evaluation	2024	ACS Omega	9	19	21401	21415
797.	S., Saeed, Sadaf; M.J., Saif, Muhammad Jawwad; A.F.,	Discovery of novel 1,2,4-triazole tethered Î²-hydroxy	2024	RSC Advances	14	22	15419	15430

	Zahoor, Ameer Fawad; H., Tabassum, Hina; S., Kamal, Shagufta; S., Faisal, Shah; R., Ashraf, Rabia; S.G., Khan, Samreen Gul; U., Nazeer, Usman; A., Irfan, Ali	sulfides as bacterial tyrosinase inhibitors: synthesis and biophysical evaluation through in vitro and in silico approaches						
798.	K., Lee, Kang-hoon; R., Farheen, Rabeea; Z., Arshad, Zafar; M.S., Ali, Mumtaz Sagor; H., Hassan, Hamza; M., Alshareef, Mubark; N., A.Dahshan, None; U., Khalid, Usama	Optimized Cu-doping in ZnO electro-spun nanofibers for enhanced photovoltaic performance in perovskite solar cells and photocatalytic dye degradation	2024	RSC Advances	14	22	1539 1	15407
799.	S., Saleem, Sharjeel; L., Tourigny, Louise; Y.M., Kundi, Yasir Mansoor; M.M., Raziq, Muhammad Mustafa; A., Gohar, Aqsa	Leaders' Machiavellianism and subordinates' task performance: a multilevel investigation	2024	Journal of Organizational Effectiveness	11	2	466	482
800.	S., Yang, Sheng; X., Yu, Xiaomei; X., Gao, Xinke; K., Fatima, Kinza; M., Tahir Ul Qamar,	Comparative genomic profiling of transport inhibitor Response1/Auxin	2024	Frontiers in Genetics	15			

	Muhammad	signaling F-box (TIR1/AFB) genes in eight Pyrus genomes revealed the intraspecies diversity and stress responsiveness patterns						
801.	J., Kanwal, Javaria; M., Nawaz, Mehwish; W., Noor, Wajiha; M., Khan, Mahrukh; H.M., Javaid, Hafsa Mariyam; A., Ashraf, Abida; N., Shafiq, Nusrat; A.A., Qureshi, Adnan Ali	Ethnobotanical and pharmacological significance of celery plants with biogenic synthesis of nanomaterials	2024				57	75
802.	H., Ahmad, Hussaan; R., Liaqat, Rehan; M.A., Alhussein, Musaed A.; H.A., Muqeet, Hafiz Abdul; K., Aurangzeb, Khursheed; H.M., Ashraf, Hafiz Muhammad	Correction to: Markov chain-based impact analysis of the pandemic Covid-19 outbreak on global primary energy consumption mix (Scientific Reports, (2024), 14, 1, (9449), 10.1038/s41598-	2024	Scientific Reports	14	1		

		024-60125-3)						
803.	S., Afzal, Sobia; S.M., Alghanem, Suliman Mohammed; I.M., Alsudays, Ibtisam Mohammed; Z., Malik, Zaffar; G.H., Abbasi, Ghulam Hassan; A., Ali, Ahmad; S., Noreen, Sana; M.H., Ali, Muhammad Haider; M.I., Irfan, Muhammad Imran; M.S., Rizwan, Muhamamd Shahid	Effect of biochar, zeolite and bentonite on physiological and biochemical parameters and lead and zinc uptake by maize (Zea mays L.) plants grown in contaminated soil	2024	Journal of Hazardous Materials	469			
804.	H.M.A., Sharif, Hafiz Muhammad Adeel; M., Rashad, Muhammad; I., Hussain, Ijaz; A., Abbas, Aumber; O.F., Aldosari, Obaid F.; C., Li, Changping	Green energy harvesting from CO2 and NOx by MXene materials: Detailed historical and future prospective	2024	Applied Catalysis B: Environmental	344			
805.	R., Ashraf, Rabia; A.F., Zahoor, Ameer Fawad; K.G., Ali, Kulsoom Ghulam; U., Nazeer, Usman; M.J., Saif, Muhammad	Development of novel transition metal-catalyzed synthetic approaches for the synthesis of a dihydrobenzofura n nucleus: a	2024	RSC Advances	14	21	1453 9	14581

	Jawwad; A., Mansha, Asim; A.R., Chaudhry, Aijaz Rasool; A., Irfan, Ahmad	review						
806.	H., Ejaz, Hasan; M.U., Qamar, Muhammad Usman; A., Farhana, Aisha; S., Younas, Sonia; A., Batoool, Alia; D., Lone, Durre Shahwar; M., Atif, Muhammad; M.W., Alruways, Mashael W.; M., Alruwaili, Muharib; I., Hamad, Ismail	The Rising Tide of Antibiotic Resistance: A Study on Extended- Spectrum Beta- Lactamase and Carbapenem- Resistant Escherichia coli and Klebsiella pneumoniae	2024	Journal of Clinical Laboratory Analysis	38	10		
807.	D., Cao, Dongli; S.H., Tahir, Safdar Husain; S.M.R., Rizvi, Syed Maisam Raza; K.B., Khan, Khuda Bakhsh	Exploring the influence of women's leadership and corporate governance on operational liquidity: The glass cliff effect	2024	PLOS ONE	19	45782		
808.	R., Arif, Rawaba; S.A., Bukhari, Shazia Anwer; G., Mustafa, Ghulam; S., Ahmed, Sibtain; M.F., Albeshr,	Network Pharmacology and Experimental Validation to Explore the Potential	2024	Pharmaceuticals	17	5		

	Mohammed Fahad	Mechanism of Nigella sativa for the Treatment of Breast Cancer						
809.	S.H., Tahir, Safdar Husain; S., Ghafoor, Sadeen; M., Zulfiqar, Muhammad; M.A., Sajid, Mushtaq A.; H., Illyas, Huma	Navigating board dynamics: Configuration analysis of corporate governance's factors and their impact on bank performance	2024	PLOS ONE	19	45782		
810.	G., Ahmad, Gulraiz; M., Sohail, Maria; M.S., Bilal, Muhammad Sajjad; N., Rasool, Nasir; M.U., Qamar, Muhammad Usman; C.I., Ciurea, Codrut Ioan; L.G., Marceanu, Luigi Geo; C., Misarca, Căftalin	N-Heterocycles as Promising Antiviral Agents: A Comprehensive Overview	2024	Molecules	29	10		
811.	R., Shakir, Rouheena; S., Hanif, Sana; A., Salawi, Ahmad; R., Arshad, Rabia; R.M., Sarfraz, Rai Muhammad; M.H., Irfan, Muhamamd Hamza; S.A., Raza,	Correction to: Exorbitant Drug Loading of Metformin and Sitagliptin in Mucoadhesive Buccal Tablet: In Vitro and In Vivo Characterization	2024	Pharmaceuticals	17	5		

	Syed Atif; K., Barkat, Kashif; F.Y., Sabei, Fahad Y.; Y., Almoshari, Yosif	in Healthy Volunteers (Pharmaceuticals, (2022), 15, 6, (686), 10.3390/ph15060686)						
812.	D., Habib, Danial; N., Salamat, Nadeem; S., Hussain, Sajjad; S., Abdal, Sohaib; A.K., Hussein, Ahmed Kadhim; B., Ali, Bagh	Variable viscosity effects on dynamic of non-Newtonian fluid nanofluid over a paraboloid of revolution via Keller box method	2024	European Physical Journal Plus	139	5		
813.	A., Dawood Butt, Arslan; S., Barua, Shuvra; N., Safdar, Nouman; H., Naseri, Hassan; A., Sarosh, Ahmad; A.T., Denidni, A. Tayeb	Substrate integrated waveguide-based self-triplexing antenna-sensor	2024	AEU - International Journal of Electronics and Communications	179			
814.	A., Haider, Ali; S.Z., Iqbal, Shahzad Zafar; I.A., Ahmad Bhatti, Ijaz Ahmad; M.B., Alim, Muhammad Bilal; M., Waseem, Muhammad; M.A., Iqbal, Munawar Aqeel; A., Mousavi	Food authentication, current issues, analytical techniques, and future challenges: A comprehensive review	2024	Comprehensive Reviews in Food Science and Food Safety	23	3		

	Khaneghah, Amin							
815.	A.A., Al-Huqail, Arwa Abdulkreem; I.M., Alsudays, Ibtisam Mohammed; S.M., Alghanem, Suliman Mohammed; R., Anwar, Ramzan; M., Farid, Mujahid; W., Sarfraz, Wajiha; M.T., Zubair, Muhammad Talha; Z.U.Z., Asam, Zaki Ul Zaman; M., Abbas, Mohsin; M., Rizwan, Muhmmad	Treatment of marble industry wastewater by Brassica napus (L.) under oxalic acid amendment: efficacy as fodder and carcinogenic risk assessment	2024	Environmental Science and Pollution Research	31	24	35038	35054
816.	M., Shahzadi, Mafia; K., Mahmood, Khalid	Cognitive behaviour therapy as an evidence-based intervention for opioid use disorder: A systematic review	2024	Journal of the Pakistan Medical Association	74	5	946	952
817.	M., Jamal, Muddasar; F., Sharif, Faiza; M., Shozab Mehdi, Muhammad; M.F.E., Fakhar-E-Alam, Muhammad F.E.; M., Asif,	Development of Biocompatible Electrospun PHBV-PLLA Polymeric Bilayer Composite Membranes for Skin Tissue	2024	Molecules	29	9		

	Muhammad; W., Mustafa, Waleed; M.M., Bashir, Muhammad Mustehsan; S., Rafiq, Sikander; M.A., Bustam, Mohamad Azmi; Saif-Ur-Rehman	Engineering Applications						
818.	H., Akmal, Hasnain; S., Ahmad, Shabbir; M.H., Abbasi, Muddasir Hassan; F., Jabeen, Farhat; K., Shahzad, Khurram	A study on assessing the toxic effects of ethyl paraben on rohu (Labeo rohita) using different biomarkers; hemato- biochemical assays, histology, oxidant and antioxidant activity and genotoxicity	2024	PLOS ONE	19	45782		
819.	M., Hussain, Mazhar; A., Hafeez, Arslan; M., Rizwan, Muhmmad; R., Rasheed, Rizwan; M.F., Seleiman, Mahmoud F.; M.A., Ashraf, Muhammad Arslan; S., Ali,	Pervasive influence of heavy metals on metabolic pathways is potentially relieved by hesperidin to enhance the phytoremediatio	2024	Environmental Science and Pollution Research	31	23	3452 6	34549

	Shafaqat; U., Farooq, Umer; M., Nafees, Mohammad	n efficiency of Bassia scoparia						
820.	S., Akram, Sumayya; T., Jabeen, Tooba; S., Aslam, Sana; A., Yusaf, Amnah; M.N., Ahmad, Matloob N.; M., Shahid Nazir, Muhammad; S.A., Alâ€Hussain, Sami A.; M.E.A., Zaki, Magdi Eâ€A.	N-Arylpyrazole based Scaffolds: Synthesis and biological applications	2024	Journal of Saudi Chemical Society	28	3		
821.	S., Ihsan, Sumayyah; H.S., Munir, Hira S.; Z., Meng, Zihui; M., Tayyab, Muhammad; N., Zeeshan, Nadia; A., Rehman, Ajwa; S., Nadeem, Sawaira; M., Irfan, Muhammad	Tragacanth gum- based copper oxide nanoparticles: Comprehensive characterization, antibiofilm, antimicrobial and photocatalytic potentials	2024	International Journal of Biological Macromolecules	268			
822.	A., Rebi, Ansa; G., Wang, Guan; M.I., Irfan, Muhammad Imran; A., Hussain, Azfar; A., Mustafa, Adnan; T., Flynn, Trevan; I., Ejaz,	Unraveling the impact of wildfires on permafrost ecosystems: Vulnerability, implications, and	2024	Journal of Environmental Management	358			

	Irsa; T., Raza, Taqi; P., Mushtaq, Parsa; M.S., Rizwan, Muhamamd Shahid	management strategies						
823.	Ramish; M., Atif Irshad, Muhammad; R., Nawaz, Rab; I., Nasim, Iqra; A., Irfan, Ali; A., Hussain, Azhar; A.A., Al-Mutairi, Aamal A.; M.S., Rizwan, Muhamamd Shahid; S.A., Alâ€Hussain, Sami A.; M.E.A., Zaki, Magdi Eâ€ A.	Bioaccumulation of carcinogenic metals in river fish: A quantitative investigation of public health risk	2024	Ecological Indicators	162			
824.	D.N., Binjawhar, Dalal Nasser; R.M., Alshegaihi, Rana M.; A., Alatawi, Aishah; M.A., Alenezi, Muneefah Abdullah; A., Parveen, Abida; M., Adnan, Muhammad; B., Ali, Baber; K.A., Khan, Khalid Ali; S., Fahad, Shah; E.M., Fayad, Eman M.	Exploring Bacillus mycoides PM35 efficacy in enhancing rice (Oryza sativa L.) response to different types of microplastics through gene regulation and cellular fractionation	2024	Environmental Science and Pollution Research	31	21	3139 5	31413
825.	R., Hafeez, Rahila;	Integrative	2024	Chemosphere	356			

	J., Guo, Junning; T., Ahmed, Temoor; E., Ibrahim, Ezzeldin; M.A., Ali, Md Arshad; M.S., Rizwan, Muhamamd Shahid; M., Ijaz, Munazza; Q.L., An, Qianli Li; Y., Wang, Yanli; J., Wang, Jiaoyu	transcriptomic and metabolomic analyses reveals the toxicity and mechanistic insights of bioformulated chitosan nanoparticles against Magnaporthe oryzae						
826.	I., Kalsoom, Iram; M.S., Bilal, Muhammad Sajjad; A., Kanwal, Aqsa; N., Rasool, Nasir; U., Nazeer, Usman; C.I., Ciurea, Codrut Ioan; A.E., Neculau, Andrea Elena; C., Constantina Martinescu, Carmen	Selective C=C bond cleavage of cycloketoximes via iminyl radicals and distal carbon radicals through photocatalysis	2024	Journal of Saudi Chemical Society	28	3		
827.	M., Ilyas, Mubashar; S., Imran, Sabahat; M., Ahmad Khan, Maroof; Z., Ahmad, Zia; A., Ihsan, Aaysha; S., Qadir, Salman; A., Saba, Afsheen	Supramolecular hydrogels: A versatile and sustainable platform for emerging energy materials	2024	Journal of Molecular Liquids	401			
828.	A., Nawaz, Aisha;	Bioactive	2024	South African Journal of Botany	168		488	496

	A., Jamal, Adil; A., Arif, Amina; S., Kiran, Shumaila; M.N., Shahid, Muhammad Naveed; S., Arshad, Shafia; Z., Shamim, Zeeshan	compounds isolated from Solanum nigrum remarkably inhibit cancerous activity in cancer cell lines						
829.	I., Anwar, Ifrah; H., Ghufuran, Hafiz; M., Umair, Muhammad; U.A., Ashfaq, Usman Ali; A., Mehmood, Azra	Augmented reparative potential of adipose-derived stem cells with silver nanoparticles against CCl4-induced liver injury in rats	2024	Journal of Drug Delivery Science and Technology	95			
830.	R., Munir, Ruba; A., Muneer, Amna; B., Sadia, Bushra; F., Younas, Fazila; M., Zahid, Muhammad; M.A., Yaseen, Muhammad Ahsan; S., Noreen, Saima	Biochar imparted constructed wetlands (CWs) for enhanced biodegradation of organic and inorganic pollutants along with its limitation	2024	Environmental Monitoring and Assessment	196	5		
831.	S., Zafar, Saima; A., Ashraf, Asma; S., Hayat, Sumreen; M.H., Siddique, Muhammad Hussnain; M., Waseem, M.; M.,	Isolation and characterization of novel cadmium-resistant Escherichia fergusonii ZSF-15	2024	Environmental Monitoring and Assessment	196	5		

	Hassan, Mudassir; H., Qaisar, Hira; S., Muzammil, Saima	from industrial effluent for flocculant production and antioxidant enzyme activity						
832.	A., Raza, Asif; M.Y., Ali, Muhammad Yasir; N., Ayub, Noman; S., Atta, Sadaf; M., Jawad, Muhammad	Chemical vapor deposition-based synthesis of binder-free nanostructure MoO_3 electrode material for PES devices	2024	Physica Scripta	99	5		
833.	M.K., Irshad, Muhammad Kashif; M., Kang, Minwoo; M.T., Aqeel, Muhamamd Tahir; W., Javed, Wasim; A., Noman, Ali; N., Khalid, Noreen; S., Lee, Sang-soo	Unveiling the detrimental effects of polylactic acid microplastics on rice seedlings and soil health	2024	Chemosphere	355			
834.	A., Ikram, Azka; I., Khalid, Ikrima; I.U., Khan, Ikram Ullah; K., Barkat, Kashif; W., Ahmad, Waqas; S.H., Khalid, Syed Haroon; A., Jamshed, Ayesha	Fabrication and evaluation of cross-linked nanogels of Dexibuprofen	2024	Journal of Bioactive and Compatible Polymers	39	3	175	196
835.	M., Talha, Muhammad; A.A.,	Utilization of peanut shell for	2024	Journal of Food Measurement and Characterization	18	5	3757	3770

	Maan, Abid Aslam; M.K.I., Khan, Muhammad Kashif Iqbal; M.J., Asif, Muhammad Javed; S., Riaz, Sana; M.S., Afzaal, Muhammad Sohail	the fabrication of composite films: a novel biomaterial						
836.	R., Andleeb, Rahat; N., Zafar, Nimrah; M.U., Ijaz, Muhammad Umar; S., Ahmed, Sarfaraz; D.K., Yeni, Derya KarataŸ; A., Mazhar, Aliza; A., Ashraf, Asma; M., Alam, Mahboob	In-vitro, in-vivo and in-silico exploration of different extracts of Justicia adhatoda against Newcastle viral disease	2024	Journal of King Saud University - Science	36	5		
837.	M., Haroon, Muhammad; S.U., Ahmad, Sajjad U.; A., Fawad Zahoor, Ameer; S., Javed, Sadia; M.N., Ahmad, Mirza Nadeem; S.G., Khan, Samreen Gul; A.A., Al-Mutairi, Aamal A.; A., Irfan, Ali; S.A., AlŰHussain, Sami A.; M.E.A., Zaki, Magdi EŰ A.	Grignard Reaction: An ŰOld-Yet-GoldŰ™ synthetic gadget toward the synthesis of natural Products: A review	2024	Arabian Journal of Chemistry	17	5		
838.	G.M., Mustafa,	Optoelectronic	2024	Physica B: Condensed Matter	680			

	Ghulam Muhammad; S., Saba, Sadaf; S.M., Ramay, Shahid Mahmood; M., Shahabuddin, Mohammed; N.A., Noor, Naveed Ahmad; S., Aftab, Sikandar; S., Atiq, Shahid	and transport properties of lead-free double perovskites Li ₂ AgTiX ₆ (X = Cl, Br): A DFT study						
839.	U., Ur Rehman, Ubaid; R.S.A., Almufarij, Rasmiah Saad A.; K.U., Sahar, Kashaf Ul; A., Ashfaq, Arslan; H.E., Saad, H. E.; E., Alsubhe, Emaan; O.A., Albeydani, Ohood Abdullah; S.M., Alghamdi, Shoug Mohammad; K., Mahmood, Khalid; C., Wang, Chunming	Efficiency Improvement of Lead-Free La ₂ NiMnO ₆ -Based Double Perovskite Solar Cells Using Numerical Simulation	2024	Energy Technology	12	5		
840.	J., Wang, Jianyong; Y., Yu, Yue; J., Liang, Jingjing; H., Guo, Haitian; W., Zhu, Wanyue; X., Feng, Xinyue; M., Hou, Meng; N.A.,	Clonal integration reduced sexual reproduction of Leymus chinensis clones in heterogeneous environments	2024	Environmental and Experimental Botany	221			

	Akram, Nudrat Aisha	regardless of stress/disturbanc e intensities						
841.	M.S., Javed, M. S.; X., Zhang, Xiaofeng; T., Ahmad, Tauqeer; M., Usman, Muhammad; S.S.A., Shah, Syed Shoaib Ahmad; A.I., Ahmad, Awais I.; I., Hussain, Iftikhar; S.S., Majeed, Saadat S.; M.R., Khawar, Muhammad Ramzan; D., Choi, Dongwhi	MXenes to MBenes: Latest development and opportunities for energy storage devices	2024	Materials Today	74		121	148
842.	F., Kousar, Fakhra; U., Noor, Umar; M.F., Farid, Muhammad Fayyaz; T., Ahmed, Toheed; A., Ali, Azam	Synthesis of Ag @CuO nanocomposites supported by reduced graphene oxide nanosheets: harnessing photocatalytic degradation of naphthol blue black dye	2024	Applied Organometallic Chemistry	38	5		
843.	W., Gao, Weiming; S., Ullah, Sana; S.M., Zafar, Syeda	How does nuclear energy consumption	2024	Progress in Nuclear Energy	170			

	Maria; A., Usman, Ahmed	contribute to or hinder green growth in major nuclear energy-consuming countries?						
844.	N., Rehman, Nagina; F., Jabeen, Farhat; M.I., Asad, Muhammad Imran; A., Nijabat, AnÃ©la; A., Ali, Amir; S.U., Khan, Safir Ullah; J.P., Luna-Arias, J. P.; Z.U.R., Mashwani, Zia Ur Rehman; A., Siddiq, Ayesha; A., Karthikeyan, Adhimoolam	Exposure to zinc oxide nanoparticles induced reproductive toxicities in male Sprague Dawley rats	2024	Journal of Trace Elements in Medicine and Biology	83			
845.	H.M., Jaffar, Hafiza Madiha; F., Al-Asmari, Fahad; F.A., Khan, Faima Atta; M.A., Rahim, Muhammad Abdul; E., Zongo, Eliasse	Silymarin: Unveiling its pharmacological spectrum and therapeutic potential in liver diseasesâ€™ A comprehensive narrative review	2024	Food Science and Nutrition	12	5	3097	3111
846.	M.U., Awan, Muhammad Uzair; M.Z., Javed, Muhammad Zakria; H., Budak,	A study of new quantum Montgomery identities and general	2024	Ain Shams Engineering Journal	15	5		

	HÃ“useyin; Y.S., Hamed, Y. S.; J., Ro, Jong-suk	Ostrowski like inequalities						
847.	T.M., Qureshi, Tahir Mahmood; G., Mueen-Ud-Din, Ghulam; M.A., Nadeem, Muhammad Ather; A., Sirjan, Ali; W., Khalid, Waseem; Salim-Ur-Rehman; N., Ahmad, Naushad; A., Nawaz, Asad; M.Z., Khalid, Muhammad Zubair; F.K., Madilo, Felix Kwashie	Effect of different preservatives on the physicochemical characteristics and shelf stability of Rasmalai: A comparative study	2024	Food Science and Nutrition	12	5	3508	3515
848.	M.S., Nadeem, Muhammad Shahid; T., Munawar, Tauseef; M.M., Alam, M. Mujahid; F., Mukhtar, Faisal; K., Mahmood, Khalid; A.G., Al-Sehemi, Abdullah G.; F., Iqbal, Faisal	Effect of Co/Nd co-doping on the structural, optical, and morphological properties of ZnO nanorods grown on silicon substrate Si (100) by hydrothermal method	2024	Journal of Luminescence	269			
849.	A., Sajid, Arfaa; R., Javed, Rida; Q., Manzoor, Qaisar; A., Sajid, Anam; A.,	Development of Agâ€“CeO2 Bimetallic Nanocomposite	2024	Chemistry Africa	7	4	2103	2110

	Saleem, Aimon; F., Imtiaz, Faiza; S., Ahmed, Saeed; H., Nadeem, Habibullah	for Visible-Light- induced Photocatalytic Degradation of Eriochrome Black T						
850.	K., Muaz, Khurram; M.N., Riaz, Muhammad Naeem; C.A., Oliveira, Carlos A.F.; A., Ismail, Amir; S., Akhtar, Saeed; H., Nadeem, Habibullah; S., Waseem, Shinawar; Z., Ahmed, Zulfiqar	Aflatoxin M1 removal from milk using activated carbon and bentonite combined with lactic acid bacteria cells	2024	International Journal of Dairy Technology	77	2	393	402
851.	S., Arshad, Saba; M.A., Imran, Muhammad Al; A., Haider, Ali; A., Shahzadi, Anum; H., Saeed, Hafsa; A., Ul-Hamid, Anwar; M.M., Al- Anazy, Murefah Mana; E.S., Yousef, El Sayed; M., Ikram, Muhammad	Evaluation of Bactericidal Potential and Catalytic Dye Degradation of Yttrium/Graphitic Carbon Nitride Doped Nickel Oxide Nanostructures	2024	Journal of Inorganic and Organometallic Polymers and Materials	34	5	2017	2029
852.	S., Hassan, Safia; M.H., Kabir, Muhammad	Chemical Processing and Various	2024	Starch/Staerke	76	45783		

	Hanzala; D., Mazhar, Danial; Z., Imran, Zahid; A., Rehman, Abdul; S., Afzal, Sumra; S., Aminullah, Syed; S., Bibi, Sidra	Applications of Starch Extracted from Avocado Seeds: A Step towards Sustainable Food Waste Management						
853.	M.J., Huntul, Mousa J.; I., Tekin, Ibrahim; M.K., Iqbal, Muhammad Kashif; M.A., Abbas, Muhammad Ali	An inverse problem of recovering the heat source coefficient in a fourth-order time-fractional pseudo-parabolic equation	2024	Journal of Computational and Applied Mathematics	442			
854.	T., Hassan Farooq, Taimoor; S., Jabeen, Shagufta; A., Shakoor, Awais; M.S., ARIF, Muhammad Saleem; N., Siddique, Nadia; K., Shahzad, Khuram; M., Umair Riaz, Muhammad; Y., Li, Yong	Morpho-anatomical adaptations of dominantly grown wild Datura inoxia to wastewater resource: Productivity and ecological issues	2024	Geoscience Frontiers	15	3		
855.	F.Z., Duraihem, Faisal Zaid; F., Hussain, Farooq; M., Nazeer, Mubbashar; S.,	COMPUTATIONAL ANALYSIS OF GRAVITY AND PRESSURE-DRIVEN OBLIQUE	2024	Journal of Mechanics in Medicine and Biology	24	4		

	Saleem, Salman; M., Waqas Nazir, M.	FLOW OF MULTIPHASE FLUID THROUGH THE STEEP DIVERGENT MICROCHANNEL						
856.	Z., Kausar, Zakia; A., Mansha, Asim; S., Asim, Sadia	Effect of Chloride, Sulfate, and Ferrate Salts on Electronic Energy Levels of Anthracene Proving it a Potential Candidate as an ON and ON“OFF UV“Vis Sensor	2024	Journal of Fluorescence	34	3	1365	1378
857.	M.U., Noman, Muhammad Usama; T., Ahmed, Temoor; M.S., Shahid, Muhammad Shafiq; M.M., Nazir, Muhammad Mudassir; Azizullah; D., Li, Dayong; F., Song, Fengming	Salicylic acid- doped iron nano- biostimulants potentiate defense responses and suppress Fusarium wilt in watermelon	2024	Journal of Advanced Research	59		19	33
858.	J., Sun, Jianmin; A., Nasrullah, Aisha	Green transition in the hospitality industry: The influence of	2024	Heliyon	10	8		

		market forces and customer dynamics on sustainable performance in the digital era						
859.	J.N., Cruz, Jorddy N.; S., Muzammil, Saima; A., Ashraf, Asma; M.U., Ijaz, Muhammad Umar; M.H., Siddique, Muhammad Hussnain; R., Abbas, Rasti; M., Sadia, Maimona; Saba; S., Hayat, Sumreen; R.R., Lima, Rafael Rodrigues	A review on mycogenic metallic nanoparticles and their potential role as antioxidant, antibiofilm and quorum quenching agents	2024	Heliyon	10	8		
860.	A., Ahmad, Awais; N., Mahmood, Nasir; M.A., Raza, Muhammad Ahtisham; Z., Mushtaq, Zarina; F., Saeed, F.; M.S., Afzaal, Muhammad Sohail; M.S., Hussain, Muzzamal Shujaat; H.W., Amjad, Hafiz Wasiqe; H.M., Al-Awadi, Hashim	Gut microbiota and their derivatives in the progression of colorectal cancer: Mechanisms of action, genome and epigenome contributions	2024	Heliyon	10	8		

	Mohammad							
861.	H., Ahmad, Hussaan; R., Liaqat, Rehan; M.A., Alhussein, Musaed A.; H.A., Muqeet, Hafiz Abdul; K., Aurangzeb, Khursheed; H.M., Ashraf, Hafiz Muhammad	Markov chain-based impact analysis of the pandemic Covid-19 outbreak on global primary energy consumption mix	2024	Scientific Reports	14	1		
862.	M., Hanif, Madiha; A.F., Zahoor, Ameer Fawad; M.J., Saif, Muhammad Jawwad; U., Nazeer, Usman; K.G., Ali, Kulsoom Ghulam; B., Parveen, Bushra; A., Mansha, Asim; A.R., Chaudhry, Aijaz Rasool; A., Irfan, Ahmad	Exploring the synthetic potential of epoxide ring opening reactions toward the synthesis of alkaloids and terpenoids: a review	2024	RSC Advances	14	19	1310 0	13128
863.	F., Ahmad, Fiza; M., Usman, Muhammad; A., Rauf, Abdur; S., Nawaz, Samia; L., Rasool, Lubna; U., Shafqat, Uswa; A., Yusaf, Amnah; N., Rasool, Nasir	Physicochemical investigation of encapsulation of antihypertensive drug captopril in mixed micellar system to enhance its delivery	2024	Colloids and Surfaces A: Physicochemical and Engineering Aspects	687			

864.	M.T., Afzal, Muhammad Talal; M., Arslan, Muhammad; S., Younus, Salman; J.A., MÃ¼ller, Jochen A.; M., Usman, Muhammad; M., Yasin, Momina; M.A., Mehmood, Muhammad Aamer; T., Mehdi, Tanveer; E.U., Islam, Ejazul Ul; M., Tauseef, Muhammad	A nature-based closed-loop wastewater treatment system at vehicle-washing facilities: From linear to circular economy	2024	iScience	27	4		
865.	M.M., Raziq, Muhammad Mustafa; Q., Jabeen, Qudsia; S., Saleem, Sharjeel; M.D., Shamout, Mohamed Dawood; S., Bashir, Samad	Organizational culture, knowledge sharing and organizational performance: a multi-country study	2024	Business Process Management Journal	30	2	586	611
866.	Y., Ma, Yuchen; J., Sun, Jiao; X., Zhang, Xiao; M., Sadaqat, Muhammad; M., Tahir Ul Qamar, Muhammad; T., Liu, Tingting	Comparative genomics analysis of pheophorbide a oxygenase (PAO) genes in eight pyrus genomes and their regulatory	2024	Frontiers in Genetics	15			

		role in multiple stress responses in Chinese pear (Pyrus bretschneideri)						
867.	A., Moazzam, Anam; A., Saleem, Ammara; S., Shah, Shahid; L., Hussain, Liaqat; M.M.F.A., Baig, Mirza Muhammad Faran Ashraf; A.M., Alshammari, Abdulrahman Mohammed; N.A., Albekairi, Norah A.; M.F., Akhtar, Muhammad Furqan	A combination of gliclazide and metformin attenuates obesity-induced polycystic ovary syndrome in female Wistar rats	2024	Heliyon	10	7		
868.	M.A., Hussain, Muhammad Ali; M., Javed, Maria; M., Zohaib, Muhamad; S.C., Shongwe, Sandile Charles; M., Awais, Muhammad; A.A., Zaagan, Abdullah A.; M., Irfan, Muhammad	Estimation of population median using bivariate auxiliary information in simple random sampling	2024	Heliyon	10	7		
869.	H., Alsamadany, Hameed; S., Anayatullah, Sidra;	Residual efficiency of iron-nanoparticles and	2024	Heliyon	10	7		

	M., Zia-Ur-Rehman, Muhammad; M., Usman, Muhammad; T., Ameen, Talha; H.F., Alharby, Hesham Fasial; B.M., Alharbi, Basmah M.; A.M., Abdulmajeed, Awatif Mahfouz; J.W.H., Yong, Jean Wan Hong; M.S., Rizwan, Muhamamd Shahid	different iron sources on growth, and antioxidants in maize plants under salts stress: life cycle study						
870.	A., Alamgir, Aamir; Q., Ali, Qamar; N., Fatima, Noor; M.A., Khan, Moazzam Ali; M.F., Nawaz, Muhammad Farrakh; S., Tariq, Somia; M.S., Rizwan, Muhamamd Shahid; J.W.H., Yong, Jean Wan Hong	Geospatial quality assessment of locally available ice for heavy metals and metalloids and their potential risks for human health in Karachi, Pakistan	2024	Heliyon	10	7		
871.	S.S.P., Sultana, Sabiha S.P.; S., Imran, Sohail; A., Naveed, Amir; S.,	Fabrication of nano filler doped PVA/starch biodegradable	2024	Heliyon	10	7		

	Hussain, Sardar; R., Khattak, Rozina; L.A., Shah, Luqman Ali; K., Rehan, Kamran; I., Rehan, Imran; M.U., Rehman, Mujeeb Ur; U., Hashmat, Uzma	composites with enhanced thermal conduction, water barrier and antimicrobial performance for food industry						
872.	K.S., Abdul Sammed, Khan Sammed; A., Kumar, Anuj; A.S., Farid, A. S.; W., Zhang, Wenbin; A.R., Akbar, Abdul Rehman; M.S., Ali, Mumtaz Sagor; S., Ajmal, Saira; G., Yasin, Ghulam; N., Ullah, Naeem; L., Pan, Lujun	Exploration of the role of oxygen-deficiencies coupled with Ni-doped V2O5 nanosheets anchored on carbon nanocoils for high-performance supercapacitor device	2024	Chemical Engineering Journal	486			
873.	F., Kanwal, Farah; A., Riaz, Asad; S.M., Ali, Shafaqat M.; G., Zhang, Guoping	NRAMPs and manganese: Magic keys to reduce cadmium toxicity and accumulation in plants	2024	Science of the Total Environment	921			
874.	A., Raza, Asif; A., Rasheed, Abdur; A.S., Farid, A. S.; M., Yousaf, Misbah; N., Ayub,	Synthesis of binder-free nanofibers ZnS/MoS2/NiF electrode	2024	Journal of Energy Storage	84			

	Noman; I.A., Khan, Ijaz Ahmad	material for asymmetric supercapacitor applications						
875.	M., Akhtar, Maria; I., Bibi, Ismat; F., Majid, Farzana; A., Ghafoor, Aamir; S., Kamal, Shagufta; G., Fatima, Gul; Q., Raza, Qasim; N.M., Alwadai, Norah Muhammad; A., Nazir, Arif; M.A., Iqbal, Munawar Aqeel	Photoluminescence, structural, optical, ferroelectric and photo-catalytic properties of magnetically separable CdO/CoFe ₂ O ₄ hetero-junction	2024	Ceramics International	50	8	13573	13581
876.	N., Akhter, Noreen; M.T., Aqeel, Muhamamd Tahir; Shazia; M.K., Irshad, Muhammad Kashif; M.M., Shehnaz, Muhammad Muslim; S., Lee, Sang-soo; A., Noman, Ali; A.S., Syed, Asad S.; A., Bokhari, Awais; A., Bahkali, A.	Differential capacity of phragmites ecotypes in remediation of inorganic contaminants in coastal ecosystems: Implications for climate change	2024	Environmental Research	247			
877.	N., Jamil, Nuzhat; A., Madni, Ahmed; K., Mahmood, Khalid; A., Ali,	Fe ₃ O ₄ @GO nanocomposite-based electrochemical	2024	Journal of Materials Research	39	7	1154	1167

	Adnan; A., Rehman, Asma; F.K., Butt, Faheem K.; I., Ali, Israt; M.Z., Iqbal, Muhammad Zubair; S.Z., Bajwa, Sadia Zafar; W.S., Khan, Waheed Samraiz	platform for the measurement of bovine serum albumin as model protein for the clinical detection of biomolecules						
878.	B.H., Subhani, Bilal Haider; U., Farooq, Umar; K., Ashfaq, Khurram; M.I., Tabash, Mosab I.	How country governance situation affect firm financing arrangements: empirical evidence from selected Asian economies	2024	Society and Business Review	19	2	230	248
879.	M.U., Ijaz, Muhammad Umar; M., Khurshid, Mohsin; J., Gu, Jingshi; I., Hasan, Ikram; S., Roy, Shubham; Z., Ullah, Zia; S., Liang, Simin; J., Cheng, Jing; Y., Zhang, Yinghe; C., Mi, Chao	Breaking barriers in cancer treatment: nanobiohybrids empowered by modified bacteria and vesicles	2024	Nanoscale	16	18	8759	8777
880.	M.T., Latif, Muhammad Tariq; S., Ahmed, Shamshad; S., Ali,	Censorship issues: awareness and preparedness	2024	Electronic Library	42	2	193	209

	Sakhawat	among university librarians						
881.	M.A., Basit, Muhammad Abdul; M.T., Tahir, Madeeha Teham; A., Riasat, Ayesha; S.A., Khan, Shan Ali; M.A., Imran., Muhammad Asjad; A., AkgÃ¼l, Ali	Numerical simulation of bioconvective Casson nano-uid through an exponentially permeable stretching surface	2024	International Journal of Modern Physics B	38	9		
882.	M.H., Shakoor, Muhamamd Hassan; M.B., Shakoor, Muhammad Bilal; A.L., Jilani, Asim L.; T., Ahmed, Toheed; M., Rizwan, Muhmmad; M.R., Dustgeer, Mohsin Raza; J., Iqbal, Javed; M., Zahid, Muhammad; J.W.H., Yong, Jean Wan Hong	Enhancing the Photocatalytic Degradation of Methylene Blue with Graphene Oxide- Encapsulated g-C3N4/ZnO Ternary Composites	2024	ACS Omega	9	14	1618 7	16195
883.	S., Parveen, Samina; N., AlMasoud, Najla; M.J.U.H., Nadeem, Muhammad Jawad Ul Hasan; A., Hussain, Ajaz; K., Ayub, Khurshid;	Ï†-Anderson type polyoxometalates and anhydride based polyimides: Synthesis, characterization and photovoltaic	2024	Tetrahedron	155			

	M., Ammar, Muhammad; H., Muhammad Asif, Hafiz; T.S., Alomar, Taghrid Saad; Z.M., El Bahy, Zeinhom M.	response in dye sensitized solar cells						
884.	M.W., Bari, Muhammad Waseem; M., Soliman, Mohammad; E., Alaverdov, Emilia	Preface	2024				xiv	xix
885.	M.W., Bari, Muhammad Waseem; M., Soliman, Mohammad; E., Alaverdov, Emilia	Shifts in Knowledge Sharing and Creativity for Business Tourism	2024				1	355
886.	M.S.H., Akash, Muhammad Sajid Hamid; S., Yaqoob, Sahrish; K., Rehman, Kanwal; A., Hussain, Amjad; Z., Chauhdary, Zunera; A.M., Nadeem, Ahmed M.; A., Shahzad, Asif; M.A., Shah, Muhammad Ajmal; P., Panichayupakarana nt, Pharkphoom	Biochemical Investigation of Therapeutic Efficacy of Berberine-Enriched Extract in Streptozotocin-Induced Metabolic Impairment	2024	ACS Omega	9	13	1567 7	15688

887.	M., Wasim, Muhammad; U., Ghaffar, Usman; M.R., Javed, Muhammad Rizwan; H., Nawaz, Haq; M.I., Majeed, Muhammad Irfan; A., Ijaz, Anam; S., Ishtiaq, Shazra; N., Rehman, Nimra; R., Razaq, Rabeea; S., Younas, Sobia	Surface-Enhanced Raman Spectroscopy for Monitoring the Biochemical Changes Due to DNA Mutations Induced by CRISPR-Cas9 Genome Editing in the <i>Aspergillus niger</i> Fungus	2024	ACS Omega	9	13	1520 ₂	15209
888.	K., Irshad, Kanwal; M.S.H., Akash, Muhammad Sajid Hamid; K., Rehman, Kanwal; A.M., Nadeem, Ahmed M.; A., Shahzad, Asif	Biosynthesis and Multifaceted Characterization of <i>Breynia nivosa</i> -Derived Silver Nanoparticles: An Eco-Friendly Approach for Biomedical Applications	2024	ACS Omega	9	13	1538 ₃	15400
889.	H.A., Al Azzani, Hamed Ali; N., Mat Jusoh, Normal; A., Abbas, Aamir	Market and Supply Chain Orientation; Dynamic Capabilities Leading to Innovation and Operational Capabilities	2024	SAGE Open	14	2		
890.	M.S., Nawaz, Muhammad	Salicylic Acid and Gemma-	2024	Dose-Response	22	2		

	Sulaman; I., Hussain, Iqbal; Mahmood-Ur- Rehman; M.A., Ashraf, Muhammad Arslan; R., Rasheed, Rizwan	Aminobutyric Acid Mediated Regulation of Growth, Metabolites, Antioxidant Defense System and Nutrient Uptake in Sunflower (<i>Helianthus annuus L.</i>) Under Arsenic Stress						
891.	H., Bashir, Hafsa; F., Meng, Fanchen; M.W., Bari, Muhammad Waseem	Deceptive Knowledge Hiding in Organizations: Psychological Distress as an Underlying Mechanism	2024	SAGE Open	14	2		
892.	N.H., Mian, Naima Hafeez; M., Azeem, Muhammed; Q., Ali, Qasim; S., Mahmood, Saqib; M.S., Akram, Muhammad Sohail	Alpha lipoic acid mitigates adverse impacts of drought stress on growth and yield of mungbean: photosynthetic pigments, and antioxidative defense mechanism	2024	PeerJ	12	4		
893.	M.Z., Manzoor, Muhammad	HEAVY METALS TOXICITY	2024	Sabrao Journal of Breeding and Genetics	56	2	802	812

	Zeeshan; G., Sarwar, G.; M.K., Ibrahim, Muhammad Khalid; M., Luqman, Muhammad; S., Gul, Samrin; I., Shehzad, Imran	ASSESSMENT IN DIFFERENT TEXTURED SOILS HAVING WASTEWATER IRRIGATION						
894.	S., Biswas, Sunanda; A., Imran, Ali; F., Islam, Fakhar; M.U., Arshad, Muhammad Umair; I., Aslam, Iqra; M.A., Shah, Mohd Asif; U., Shehzadi, Umber; I., Usman, Ifrah; I.F.U., Rasool, Izza Faiz Ul; S., Aslam, Safura	A Potential Role of Xenometabolites as Nutraceutical: A Concurrent Review	2024	Current Research in Nutrition and Food Science	12	1	20	28
895.	A., Iram, Amna; T., Ghaffar, Tamjeed; Z.A., Solangi, Zohaib Anwar; J., Ayaz, Jahanara; A., Rehman, Abdul; N., Yasmin, Naila; A., Wassi, Ahmad	Association between socioeconomic status and quality of life among cerebral palsy children in government children hospitals and special training centers	2024	Journal of Musculoskeletal Surgery and Research	8	2	142	146

896.	H., Rehman, Huzaifa; T., Javed, Tariq; A., Thumma, Anusha; A.N., Uddin, Abdullah Nur; N., Singh, Nikita; M.M., Baig, Mirza Mahmood; M.B., Taj, M. B.; M.A., Shahzad, Muhammad Asim; M.A., Ayub, Muhammad Adnan; M., Wasim, Muhammad	Potential of easily available low-cost raw cotton for the elimination of methylene blue dye from polluted water	2024	Desalination and Water Treatment	318			
897.	M., Vivas-Cortez, Miguel; G.M., Baig, Ghulam Murtaza; M.U., Awan, Muhammad Uzair; K., Brahim, Kamel	pq-Simpson's Type Inequalities Involving Generalized Convexity and Raina's Function	2024	Symmetry	16	4		
898.	B., Ahmad, Basharat; A., Saeed, Aamir; A.A.N., Al-Amery, Ahmed A.Nasir; I., Celik, Ismail; I., Ahmed, Iraj; M.A., Yaseen, Muhammad Ahsan; I.A., Khan, Imran Ahmad; D.K., Al-Fahad,	Investigating Potential Cancer Therapeutics: Insight into Histone Deacetylases (HDACs) Inhibitions	2024	Pharmaceuticals	17	4		

	Dhurgham K.; M.A., Bhat, Mashooq Ahmad							
899.	P., Tang, Peng; A., Ren, Aixia; Z., Jiang, Zhijun; R., Wang, Rongzhen; K., Cui, Kaiyuan; X., Wu, Xiangyun; M., Sun, Min; Z., Gao, Zhiqiang; S., Anwer, Sumera	Evaluation of Quinoa Varieties for Adaptability and Yield Potential in Low Altitudes and Correlation with Agronomic Traits	2024	Agronomy	14	4		
900.	M.K., Kibria, Md Kaderi; M.A., Ali, Md Ahad; M.A., Yaseen, Muhammad Ahsan; I.A., Khan, Imran Ahmad; M.A., Bhat, Mashooq Ahmad; M.A., Islam, Md Ariful; R.A., Mahumud, Rashidul Alam; M.N.H., Mollah, Md Nurul Haque	Discovery of Bacterial Key Genes from 16S rRNA-Seq Profiles That Are Associated with the Complications of SARS-CoV-2 Infections and Provide Therapeutic Indications	2024	Pharmaceuticals	17	4		
901.	F., Mustafa, Fakhar; R.A.K., Sherwani, Rehan Ahmad Khan; M.A., Raza, Muhammad Ali; J.A., Darwish, Jumanah Ahmed	On Designing a New Control Chart Using the Generalized Conwayâ€™Maxwellâ€™Poisson Distribution to	2024	Processes	12	4		

		Monitor Count Data						
902.	H., Mushtaq, Hassan; S.S., Shah, Syed Salman; Y., Zarlashat, Yusra; M., Iqbal, Mazhar; W., Abbas, Wasim	Cell Culture Adaptive Amino Acid Substitutions in FMDV Structural Proteins: A Key Mechanism for Altered Receptor Tropism	2024	Viruses	16	4		
903.	M., Vivas-Cortez, Miguel; M.J., Huntul, Mousa J.; M., Khalid, Maria; M., Shafiq, Madiha; M.A., Abbas, Muhammad Ali; M.K., Iqbal, Muhammad Kashif	Application of an Extended Cubic B-Spline to Find the Numerical Solution of the Generalized Nonlinear Time- Fractional Kleinâ€“Gordon Equation in Mathematical Physics	2024	Computation	12	4		
904.	R., Kausar, Rukhsana; A.F., Zahoor, Ameer Fawad; H., Tabassum, Hina; S., Kamal, Shagufta; M.A., Bhat, Mashooq Ahmad	Synergistic Biomedical Potential and Molecular Docking Analyses of Coumarinâ€“Tria zole Hybrids as Tyrosinase Inhibitors: Design, Synthesis,	2024	Pharmaceuticals	17	4		

		In Vitro Profiling, and In Silico Studies						
905.	A., Ullah, Asad; H., Ullah, Hayat; M.Q., Lateef, Muhammad Qasim; I.N., Sultan, Imrana Niaz; A.K., Tareen, Afrasiab Khan; M.W., Khan, Muhammad Waseem	Evaluating the Diagnostic Accuracy of GeneXpert MTB/RIF Assay for the Diagnosis of Tuberculosis	2024	Pakistan Journal of Zoology	56	2	619	624
906.	M.A., Yameen, Muhammad Arfat; S., Adeel, Shahid; M., Salman, Mahwish; A., Haji, Aminoddin; F., Asghar, Fariha; R., Mia, Rony; M.A., Imran., Muhammad Asjad	Sustainable appraisal of lipstick tree seeds (Bixa orellana)-based bixin natural orange colorant for green mordanted silk fabrics and wool yarns	2024	Science Progress	107	2		
907.	M.S., Kashif, Muhammad S.; M.N., Riaz, Muhammad Naeem; S., Akhtar, Saeed; K., Muaz, Khurram; H., Nadeem, Habibullah; S.W., Ali, Shinawar Waseem; A.,	SEASONAL AND GEOGRAPHICAL ANALYSIS OF AFLATOXINS IN DIFFERENT VARIETIES OF BROWN RICE COLLECTED FROM TWO DISTRICTS OF PUNJAB-	2024	Journal of Animal and Plant Sciences	34	2	465	475

	Ismail, Amir	PAKISTAN						
908.	S.M., Khan, Shah Murad; R.U., Khan, Rifat Ullah; S., Naz, Shabana; A.F., Alrefaei, Abdulwahed Fahad; V., Tufarelli, Vincenzo	Interaction of blood calcium with milk yield, energy metabolites, subclinical mastitis, and reproductive performance in crossbred dairy cows	2024	Reproduction in Domestic Animals	59	4		
909.	M.A., Shakoori, Muhammad Asif; M., He, Maogang; H.M.A., Shahzad, Hafiz Muhammad Aamir; M., Khan, Misbah; H., Li, Haipeng	Phase transitions of Yukawa systems under electric field	2024	European Physical Journal Plus	139	4		
910.	N., Amjed, Nyla; I.A., Ahmad Bhatti, Ijaz Ahmad; L.C., Simon, Leonardo Coelho; C.D., Castel, Charles Dal; K.M., Zia, Khalid Mahmood; M., Zuber, Mohammad; I., Hafiz, Iram; M.A., Anjum Murtaza, Mian Anjum	Corrigendum to "Preparation and characterization of thermoplastic polyurethanes blended with chitosan and starch processed through extrusion" [Int. J. Biol. Macromol. Volume 208, 31 May 2022, Pages	2024	International Journal of Biological Macromolecules	265			

		37â€“44] (International Journal of Biological Macromolecules (2022) 208 (37â€“44), (S014181302200 4640), (10.1016/j.ijbiom ac.2022.03.008))						
911.	A., Ashfaq, Arslan; R.S.A., Almufarij, Rasmiah Saad A.; E.A., Shokralla, Elsammani Ali; L.G., Alharbe, Lamiaa G.; H., Alqurashi, Hind; U., Ur Rehman, Ubaid; E., Alsubhe, Emaan; S.M., Alghamdi, Shoug Mohammad; O.A., Albeydani, Ohood Abdullah; H.H., Somaily, H. H.	Enhanced thermoelectric properties and thermal stability of Cu1.8S-rGO nanocomposite by low energy carrier filtering effect	2024	Diamond and Related Materials	144			
912.	M.U., Waseem, Muhammad Umair; S., Naeem, Sidra; M., Jawad, Muhammad; R.S., Alroobaea, Roobaea S.; M.R.,	Thermal analysis of 3D viscoelastic micropolar nanofluid with cattaneo-christov heat via exponentially	2024	Case Studies in Thermal Engineering	56			

	Ali, Mohamed R.; A., Eladeb, Aboulbaba; K., Lioua, Kolsi; A.S., Hendy, A. S.	stretchable sheet: Darcy-forchheimer flow exploration						
913.	F.T., Jannat, Fakiha Tul; K., Aftab, Kiran; U., Kalsoom, Umme; M.A., Baig, Muhammad Ali	A bibliometric analysis of the role of nanotechnology in dark fermentative biohydrogen production	2024	Environmental Science and Pollution Research	31	17	24815	24835
914.	H.M., Hammad, Hafiz Mohkum; M.Y., Ashraf, Muhammad Yasin; F., Abbas, Farhat; H.F.S.G., Bakhat, Hafiz Faiq Siddique Gul; S.A., Qaisrani, Saeed Ahmad; M., Mubeen, Muhammad; S., Fahad, Shah; M.H., Awais, Muhammad Huzaifa	Retraction Note: Environmental factors affecting the frequency of road traffic accidents: a case study of sub-urban area of Pakistan (Environmental Science and Pollution Research, (2019), 26, 12, (11674-11685), 10.1007/s11356-019-04752-8)	2024	Environmental Science and Pollution Research	31	18	27492	
915.	A., Qaisar, Aniq; S., Naz, Shabana; S., Arooj, Sajida	Heavy Metals Mediated Genotoxic Effects on Captive Pavo	2024	Pakistan Journal of Zoology	56	2	879	887

		cristatus from Different Sites of the Punjab, Pakistan						
916.	N., Abbas, Numan; J., Zhang, Jianmin; M., Ikram, Muhammad; A., Ahmed Ibrahim, Ahmed; S., Nazir, Shoaib; I., Ali, Irfan; A., Mahmood, Arslan; H., Akhtar, Hassan	Investigation of structural, electrical and thermoelectric properties of cobalt-zinc ferrites/graphene nanocomposite	2024	Results in Physics	59			
917.	M.T., Mahmood, Muhammad Tariq; S.M., Hussain, Syed Makhdoom; P.K., Sarker, Pallab Kumer; S.M., Ali, Shafaqat M.; M.S., ARIF, Muhammad Saleem; N., Nazish, Nadia; D., Riaz, Danish; N., Ahmad, Nisar; B.A., Paray, Bilal Ahmad; A., Naeem, Adan	Toxicological assessment of dietary exposure of polyethylene microplastics on growth, nutrient digestibility, carcass and gut histology of Nile Tilapia (Oreochromis niloticus) fingerlings	2024	Ecotoxicology	33	3	296	304
918.	M.A., Khaliq, Muhammad Athar; I.M., Alsudays, Ibtisam Mohammed; H.A., Sakit Alhaithloul,	Biochar impacts on carbon dioxide, methane emission, and cadmium accumulation in	2024	Ecotoxicology and Environmental Safety	274			

	Haifa Abdulaziz; M.S., Rizwan, Muhamamd Shahid; J.W.H., Yong, Jean Wan Hong; S., Ur-Rahman, Shafeeq; M., Sagir, Muhammad; S., Bashir, Safdar; H., Ali, Habib; Z., Hongchao, Zuo	rice from Cd-contaminated soils; A meta-analysis						
919.	M.R., Akram, Muhammad Rouf; A.H., Junaid, Abdul Hafeez; M.Z., Ishaque, Muhammad Zahid; Y., Zaman, Yasir; M.T., Shahzad, Muhammad Tahir; A.B., Siddique, Abu Bakar; H., Kanwal, Humaira; M., Anis-Ur-Rehman, Muhammad; M.I., Arshad, Muhammad Imran; D., Ali, Daoud	Multifunctional Ce+3 doped nickel-cobalt mixed ferrites via co-precipitation method for photocatalytic and antibacterial activity	2024	Physica Scripta	99	4		
920.	W., Hussain, Wajid; H.S., Ali, Hafiz Saqib; M.S., Iqbal, Muhammad Shahid; M.R.,	Exploring nonlinear optical properties of perylene diimide and biomolecules	2024	Theoretical Chemistry Accounts	143	4		

	Bashir, Muhammad Rashid; M.A., Khan, Maroof Ahmad; M.B., Hanif, Muhammad Bin; Y., Sandali, Yahya; A., Irfan, Ahmad; H., Li, Hui	complexes: a computational supramolecular study						
921.	M., Usman, Muhammad; S.A.A., Naqvi, Syed Asif Ali; S., Anwar, Sofia; A.M., Nadeem, Abdul Majeed	Linking energy-based circularity with environment in high-income economies	2024	Environmental Science and Pollution Research	31	17	25468	25485
922.	S.E., Alavi, Seyed Ebrahim; S., Alharthi, Sitah; S.F., Alavi, Seyedeh Fatemeh; S.Z., Alavi, Seyed Zeinab; G.E., Zahra, Gull E.; A., Raza, Aun; H., Ebrahimi Shahmabadi, Hasan	Microfluidics for personalized drug delivery	2024	Drug Discovery Today	29	4		
923.	L., Wang, Laibin; M.W., Bari, Muhammad Waseem; S., Shaheen, Sadia; K., Zhong, Kaiyang	Impostor and knowledge hiding: Attachment avoidance as underlying mechanism	2024	Acta Psychologica	244			

924.	M.S., Ibrahim, Muhammad Suhail; M.A., Nadeem, Muhammad Ather; W., Khalid, Waseem; A., Ainee, Ammara; T., Roheen, Taleeha; S., Javaria, Sadaf; A., Ahmed, Aftab; H., Fatima, Hira; M.N., Riaz, Mian Nadeem; M.Z., Khalid, Muhammad Zubair	Optimization of ultrasound assisted extraction and characterization of functional properties of dietary fiber from oat cultivar S2000	2024	LWT	197			
925.	M., Akhtar, Maria; A., Ur Rehman, Atta; N., Amin, Nasir; K., Hussain, Khalid; M., Imran Arshad, Muhammad	Correlation between structural and improved magneto-dielectric behaviour of Li-Mg-Dy ferrite/Graphene nanoplatelet composites and their potential applications	2024	Journal of Magnetism and Magnetic Materials	595			
926.	Muzammil; A.F., Zahoor, Ameer Fawad; B., Parveen, Bushra; S., Javed, Sadia; R., Akhtar, Rabia; S.,	Recent developments in the chemistry of Negishi coupling: a review	2024	Chemical Papers	78	6	3399	3430

	Tabassum, Shaheera							
927.	R., Perveen, Rashida; Y., Jamil, Yasir; A.A., Al- Huqail, Arwa Abdulkreem; I.M., Alsudays, Ibtisam Mohammed; S.M., Alghanem, Suliman Mohammed; Q., Ali, Qasim; F., Saeed, Farah; M., Azeem, Muhammed; M.S., Rizwan, Muhamamd Shahid; S.A., Al- Robai, Sami Asir	Effects of pulsed Nd:YAG laser kernel irradiation on maize (Zea mays L.): Insights into germination, gas exchange, photosynthetic pigments, and morphological modifications	2024	Journal of Photochemistry and Photobiology B: Biology	253			
928.	M.S., Akram, Muhammad Sohail; G., Solosky, Gawel; A., Ali, Akhtar	Phytochemistry and pharmacology of Piper nigrum	2024	Comparative Clinical Pathology	33	2	337	341
929.	G.M.S., de PÃjdua, Geilly Mara Silva; T.S., Pitteri, Taciane Santos; M.A., Ferreira Basso, Marcelo Augusto; L.G., de Vasconcelos, Leonardo Gomes; A.M., Ali, Akbar M.; E.L., Dall'Ã“glio,	Synthesis and Evaluation of New Phytotoxic Fluorinated Chalcones as Photosystem II and Seedling Growth Inhibitors	2024	Chemistry and Biodiversity	21	4		

	Evandro Luiz; O.M., Sampaio, OlÃvia M.; L.C., Curcino Vieira, Lucas Campos							
930.	M., Tariq, Mohsin; N., Tahreem, Nimra; M., Zafar, Marriam; G.A., Raza, Ghulam Ali; M.S., Shahid, Muhammad Shafiq; M., Zunair, Muhammad; W., Iram, Wajeeha; S.T., Zahra, Syeda Tahseen	Occurrence of diverse plant growth promoting bacteria in soybean [Glycine max (L.) Merrill] root nodules and their prospective role in enhancing crop yield	2024	Biocatalysis and Agricultural Biotechnology	57			
931.	I.A., Shah, Ibrar Ali; M.A., Imran, Muhammad Asif; A.N., Niaz, A. N.; F., Hussain, Fayyaz; U., Rasheed, Umbreen; M., Alam, Manawwer; S.M., Ali, Syed Mansoor; R.M., Arif Khalil, Rana Muhammad; M., Shoaib, Muhammad	Revealing structural, elastic, optoelectronic and thermoelectric properties of lead-free Ba ₂ XTiO ₆ (X = Hf, Ce, Te) double perovskite for solar cells applications	2024	Journal of Computational Electronics	23	2	396	406
932.	U., Noor, Umar; A., Saleem, Amna; M., Furqan Mughal,	Electrospun nanofibers synthesis	2024	Electroanalysis	36	4		

	Muhammad; A., Sharif, Ammara; U., Kulsum, Umme; S., Bano, Sadia; M., Fayyaz Farid, Muhammad; T., Ahmed, Toheed	enhancing the activity of energy storage devices/electrochemical and biosensor applications						
933.	A., Noman, Ali; K.M., Alwutayd, Khairiah Mubarak; M.T., Aqeel, Muhamamd Tahir; A., Hussain, Ansar; M.U., Qasim, Muhammad Uzair; R.N., Al-Qthanin, Rahmah N.; M.O., Alshaharni, Mohammed Obeid; F.M.A., AlZuaibr, Fahad Mohammed A.; M.M., Alomran, Maryam M.	Pepper defense against Ralstonia solanacearum and High-temperature stress is positively regulated by CaMYB59	2024	Microbial Pathogenesis	189			
934.	H., Maryam, Haseeba; G.H., Abbasi, Ghulam Hassan; M., Waseem, M.; T., Ahmed, Temoor; M.S., Rizwan, Muhamamd Shahid	Preparation and characterization of green silicon nanoparticles and their effects on growth and lead (Pb) accumulation in maize (Zea mays L.)	2024	Environmental Pollution	346			
935.	M.A., Basit,	Numerical	2024	International Journal of Heat and Fluid	106			

	Muhammad Abdul; M.A., Imran., Muhammad Asjad; M.T., Tahir, Madeeha Teham; A., Eladeb, Aboulbaba; K., Lioua, Kolsi	analysis of mathematical model for heat and mass transfer through Bioconvective Maxwell nanofluid flow subject to Darcy-Forcheimer and Lorentz forces		Flow				
936.	D., Hussain, Dilbar; U., Saleem, Usama; M., Asrar, Muhammad; M.J., Saleem, Muhammad J.; A., Ghaffar, Abdul; S.M., Hussain, Saddam M.; T., Shaheen, Tayybah; M., Saleem, Mubshar	A review on identification characters and IPM of wheat aphid by using non-conventional methods	2024	International Journal of Tropical Insect Science	44	2	419	432
937.	S., Muzammal, Sadia; A.I., Ahmad, Awais I.; M., Sheraz, Mahshab; J., Kim, Juran; S.M., Ali, Shafaqat M.; M.B., Hanif, Muhammad Bilal; I., Hussain, Iftikhar; P., Saravanan, Pandiaraj; A.N.,	Polymer-supported nanomaterials for photodegradation: Unraveling the methylene blue menace	2024	Energy Conversion and Management: X	22			

	Alodhayb, Abdullah N.; M., Sufyan Javed, Muhammad							
938.	M.M., Saadullah, Malik M.; M.F.E., Fakhar-E-Alam, Muhammad F.E.; M., Atif, Muhammad; M., Asif, Muhammad; K., Irshad, Kanwal; Z., Ali, Zulfiqar	Biological and in silico investigation of isolated novel bioactive compound from Conocarpus lancifolius	2024	Journal of King Saud University - Science	36	4		
939.	U., Zulfiqar, Usman; A., Khokhar, Amman; M.F., Maqsood, Muhammad Faisal; M.S., Shahbaz, Muhammad Shahzad; N., Naz, Nargis; M., Sara, Maheen; S., Maqsood, Sana; S., Sahar, Sajila; S., Hussain, Saddam; M., Ahmad, Muhammad	Genetic biofortification: advancing crop nutrition to tackle hidden hunger	2024	Functional and Integrative Genomics	24	2		
940.	I., Khalid, Iqra; U., Saleem, Uzma; B., Ahmad, Bashir; M.F., Hawwal, Mohammed F.; R.A.A., Mothana, Ramzi Ahmed A.	NMDA receptor modulation by Esculetin: Investigating behavioral, biochemical and neurochemical	2024	Saudi Pharmaceutical Journal	32	4		

		effects in schizophrenic mice model						
941.	S.M., Alghamdi, Shoug Mohammad; H.M.A., Albalawi, Hind Mohammed A.; S.A., Ahmad Jafri, Syed Asfar; A., Ashfaq, Arslan; H., Alqurashi, Hind; E.A., Shokralla, Elsammani Ali; O.A., Algethami, Obaidallah A.; O.A., Albeydani, Ohood Abdullah; E., Alsubhe, Emaan; H.E., Saad, H. E.	Enhancing thermoelectric performance of TiO2 via aluminum doping: Insights and applications	2024	Vacuum	222			
942.	T., Naqqash, Tahir; K.A., Malik, Kauser Abdulla; A., Imran, Asma; S., Hameed, Sohail; M.S., Shahid, Muhammad Shafiq; M.K., Hanif, Muhammad Kashif; A., Majeed, Afshan; M.S., Arshad, Muhammad Shakeel; J.D., van Elsas, Jan Dirk	Isolation and characterization of Rhizobium from non- leguminous potato plants: New frontiers in Rhizobium research	2024	Biology and Fertility of Soils	60	3	307	325

943.	U., Ghafoor, Umar; T., Ashraf, Tahreem	Maximizing throughput and energy efficiency in 6G based on phone user clustering enabled UAV assisted downlink hybrid multiple access HetNet	2024	Telecommunication Systems	85	4	563	590
944.	S., Zafar, Saba; F., Jabeen, Farhat; M.A., Ali, Muhammad Azhar; A., Sajjad, Aiman	Assessment of genetic diversity of freshwater genus Labeo through DNA barcoding and phylogenetic analysis inhabited in the River Indus	2024	Journal of King Saud University - Science	36	4		
945.	S.A., Zanib, Syeda Alishwa; S., Ramzan, Sehrish; N., Abbas, Nadeem; A., Nazir, Aqsa; W.A., Shatanawi, Wasfi A.	A mathematical approach of drug addiction and rehabilitation control dynamic	2024	Modeling Earth Systems and Environment	10	2	2995	3002
946.	S., Khan, Shahzaib; M., Usman, Muhammad; K., Jabbour, Karam; M.I.m., Abdullah, Muhammad I.mran; P., John,	Facile fabrication of SrAl ₂ O ₄ /rGO nanohybrid via hydrothermal route for electrochemical energy storage	2024	Journal of Energy Storage	83			

	Peter; F., Asghar, Furqan; M.S., Waheed, Muhammad Suleman; A.M., Karami, Abdulnasser Mahmoud; M.F., Ehsan, Muhammad Fahad; M.N., Naeem Ashiq, Muhammad Naeem	devices						
947.	Z., Faisal, Zargham; A., Mazhar, Aimen; S.A., Batool, Syeda Ayesha; N., Akram, Noor; M.R.A., Hassan, Maleeha R.Abu; M.U., Khan, Muhammad Usman; M.S., Afzaal, Muhammad Sohail; U.U., Hassan, Usman Ul; Y.A., Shah, Yasir Abbas; D.T., Desta, Derese Tamiru	Exploring the multimodal health-promoting properties of resveratrol: A comprehensive review	2024	Food Science and Nutrition	12	4	2240	2258
948.	S., Muhammad, Shabbir; F., Sarwar, Fatima; S., Hussain, Sajjad; A.G., Al-Sehemi, Abdullah G.; A.M., Ali, Akbar	Systematic quantum chemical tailoring to the molecular structure, optical and nonlinear	2024	Materials Science in Semiconductor Processing	173			

	M.; B., Ul Haq, Bakhtiar; M., Adnan, Muhammad; Z., Lu, Zhansheng	optical properties of N/B dopped C60 buckminsterfuller ene						
949.	Z., Faisal, Zargham; R., Irfan, Rushba; N., Akram, Noor; H.M.I., Manzoor, Hafiz Muhammad Irfan; M.A., Aabdi, Mohib Ali; M.J., Anwar, Muhammad Junaid; S., Khawar, Sharjeel; A., Saif, Asifa; Y.A., Shah, Yasir Abbas; M.S., Afzaal, Muhammad Sohail	The multifaceted potential of fenugreek seeds: From health benefits to food and nanotechnology applications	2024	Food Science and Nutrition	12	4	2294	2310
950.	H., Liu, Haoyao; O.T., Agar, Osman Tuncay; A., Imran, Ali; C.J., Barrow, Colin J.; F.R., Dunshea, Frank Rowland; H.A., Suleria, Hafiz A.R.	LC-ESI-QTOF-MS/MS characterization of phenolic compounds in Australian native passion fruits and their potential antioxidant activities	2024	Food Science and Nutrition	12	4	2455	2472
951.	H., Anwar, Hina; A., Habib, Arslan; M.U., Taj, Muhammad	Phytochemical screening and antimicrobial potential of	2024	Vegetos	37	2	585	595

	Usman; M.A., Ali, Muhammad Azhar; A., Munir, Ayesha; M., Shafi, Marva; M., Saddique, Maria; S., Ahmed, Sohaib; H.D., Coutinho, Henrique D.M.	Chenopodium quinoa extract against pathogenic bacterial strains						
952.	A., Khan, Asad; A.U.K., Niazi, Azmat Ullah Khan; W., Abbasi, Waseem; F.M., Awan, Faryal Mehwish; M.M.A., Khan, M. Mehran Arshad; F., Imtiaz, Farhat	Cyber secure consensus of fractional order multi-agent systems with distributed delays: Defense strategy against denial-of-service attacks	2024	Ain Shams Engineering Journal	15	4		
953.	R., Shah, Rafia; F.F., Khidri, Feriha Fatima; Y.M., Waryah, Yar Muhammad; R., Nigar, Roohi; A., Mahmood, Amber; H., Shaikh, Hina; M.Q., Awan, Muhammad Qasim; I.D., Ujjan, Ikram D.; A.M., Waryah, Ali Muhammad	Serum and salivary Cu/Zn ratio as a diagnostic biomarker for oral submucosal fibrosis: an analysis of trace metals and LOX gene variants	2024	BioMetals	37	2	447	459
954.	I., Khan, Imran;	Silicon-Induced	2024	Journal of Plant Growth Regulation	43	4	998	1011

	S.A., Awan, Samrah Afzal; M.S., Rizwan, Muhamamd Shahid; A., Khan, Aaqil; M., Brestic, Marian; H., Wang, Huizhi; Z., Ulhassan, Zaid; W., Xie, Wen'gang	Modulation of Photosynthetic Pigments, Osmolytes, and Phytohormonal Regulation Boosted the Drought Tolerance in Elymus sibiricus L						
955.	S.A., Awan, Samrah Afzal; I., Khan, Imran; M.S., Rizwan, Muhamamd Shahid; M., Brestic, Marian; X., Wang, Xiaosan; X., Zhang, Xinquan; L., Huang, Linkai	Exogenous Melatonin Regulates the Expression Pattern of Antioxidant-Responsive Genes, Antioxidant Enzyme Activities, and Physio-chemical Traits in Pearl Millet Under Drought Stress	2024	Journal of Plant Growth Regulation	43	4	1061	1075
956.	N., Akhtar, Noureen; M., Abid, Muhammad; B.M., Zaman, Babar M.; M., Riaz, Muhammad	A new adaptive CUSUM control chart based on Hampel function to monitor location parameter	2024	Quality and Reliability Engineering International	40	3	1246	1278
957.	H., Khalid, Hina; M.M., Fareed,	Calcineurin and mTOR inhibitors	2024	International Urology and Nephrology	56	4	1403	1414

	Muhammad Mazhar; T., Dandekar, Thomas; S.V., Shityakov, Sergey V.	in kidney transplantation: integrative metamodeling on transplant survival and kidney function						
958.	F., Islam, Fakhar; F., Saeed, F.; A., Imran, Ali; U., Shehzadi, Umber; R., Ali, Rehman; F., Nosheen, Farhana; A., Chauhan, Anamika; A., Asghar, Aasma; M., Ojukwu, M.	Bio-preservatives and essential oils as an alternative to chemical preservatives in the baking industry: a concurrent review	2024	Journal of Food Science and Technology	61	4	609	620
959.	S., Razzaq, Sadia; S., Shahid, Salma; R., Farooq, Robina; S., Noreen, Sadia; S., Perveen, Sofia; M.Q., Bilal, Muhammad Qamar	Sustainable bioconversion of agricultural waste substrates into poly (3-hydroxyhexanoate) (mcl-PHA) by Cupriavidus necator DSM 428	2024	Biomass Conversion and Biorefinery	14	8	9429	9439
960.	F.S., Khan, Farkhanda Shahid	Political and social dynamics of class in revolutionary Urdu poems by Faiz Ahmad Faiz and Habib Jalib	2024	Kervan	28	1	285	302
961.	H.M., Ali, Hafiz	Molecular	2024	Heliyon	10	6		

	Muhammad; S.M., Hussain, Shujaat M.; M.Z., Ahmad, Muhammad Zishan; A.B., Siddique, Abu Baker; S.U., Ali, Sultan U.; M.U.D., Mohiuddin, Mudassar Ud Din; E., Muhammad, Ehsan; M.F., Nadeem, Muhammad Faisal; A., Qayyum, Abdul; R.H., Pasha, Riaz Hussain	identification of different toxinogenic strains of Clostridium perfringens and histo-pathological observations of camels died of per-acute enterotoxaemia						
962.	I., Badshah, Ismail; N.G., Qazi, Neelum Gul; M., Anwar, Maira; B., Shaukat, Bushra; M., Imran Khan, Muhammad; B., Murtaza, Babar	Carveol mitigates the development of the morphine anti-nociceptive tolerance, physical dependence, and conditioned place preference in mice	2024	Heliyon	10	6		
963.	J., Uddin, Jalal; M., Fatima, Mehwish; A., Riaz, Ammara; G.M., Kamal, Ghulam Mustafa; A.B., Bin Muhsinah, Abdullatif Bin; A.R.,	Pharmacological potential of micheliolide: A focus on anti-inflammatory and anticancer activities	2024	Heliyon	10	6		

	Ahmed, Abdul Razzaq; R., Iftikhar, Ramsha							
964.	C., Fizza, Chasheen; W., Khalid, Waseem; S., Kausar, Safura; Z., Maqbool, Zahra; S., Mukhtar, Shanza; E., Ali, Eman; B.T., Ajala, Blessing Titylayo; M.Z., Ahmad, Muhammad Zeeshan; M., Irfan, Muhammad	Applications of mushrooms in cosmeceuticals	2024				129	143
965.	M., Hussain, Muzamal	Small-scale computational vibration of carbon nanotubes: Composite structure	2024				1	176
966.	U., Hashmat, Uzma; N., Rasool, Nasir; S., Kausar, Samia; A.A., Altaf, Ataf Ali; S.S.P., Sultana, Sabiha S.P.; A.A., Ali Tahir, Asif Ali	First-Principles Investigations of Novel Guanidine-Based Dyes	2024	ACS Omega	9	12	13917	13927
967.	M.I., Arshad, Muhammad Imran; A., Dastgir, Afeefa;	Electrically and magneto-dielectrically	2024	Journal of Alloys and Compounds	978			

	F., Alresheedi, Faisal; N., Amin, Nasir; L., Tung, Leduc; M., Amami, Mongi; N., Thi Kim Thanh, Nguyen; H., Zahid, Hira; J., Jacob, Jolly; S., Ezzine, Safa	modified La ³⁺ -doped Co _{0.3} Li _{0.1} Ca _{0.5} Fe _{2.1-x} La _x O ₄ spinel ferrites and their potential applications						
968.	A., Shakoob, Awais; E.G., Pendall, E. G.; M.S., ARIF, Muhammad Saleem; T.H., Farooq, Taimoor Hassan; S., Iqbal, Shahid; S.M., Shahzad, Sher Muhammad	Does no-till crop management mitigate gaseous emissions and reduce yield disparities: An empirical US-China evaluation	2024	Science of the Total Environment	917			
969.	M.A., Javed, Muhammad Asif; R., Akram, R.; M., Nazeer, Mubbashar; A., Ghaffari, Abuzar	Heat transfer analysis of the non-Newtonian polymer in the calendaring process with slip effects	2024	International Journal of Modern Physics B	38	7		
970.	H., Iqbal, Hajra; K., Ilyas, Kainat; M.S.H., Akash, Muhammad Sajid Hamid; K., Rehman, Kanwal; A., Hussain, Amjad; J., Iqbal, J.	Real-time fluorescent monitoring of phase I xenobiotic-metabolizing enzymes	2024	RSC Advances	14	13	8837	8870

971.	M., Ishfaq, Muhammad; A., Asghar, Azeem; I., Ali, Imtiaz; A.Z., Khan, Aqib Zafar; A., Shahid, Ayesha; N., Wang, Ning; H., Zhu, Hui; H.R.R., El-Seedi, H. R. Rushdey; M.A., Mehmood, Muhammad Aamer; C.G., Liu, Chen Guang	Appraisal of wastewater-grown biomass of <i>Leptochloa fusca</i> to produce bioenergy and biochemicals through pyrolysis, TG-FTIR-GCMS, and machine learning tools	2024	Energy Conversion and Management	304			
972.	M.A., Jamal, Muhammad Asghar; A., Sohail, Azhar; M., Muneer, Majid; G., Abbas, Ghulam; S., Shah, Shahid; T., Ahmad Sajid, Tauqeer	Volumetric-acoustic investigations of antihypertensive drug in aqueous acetaminophen system	2024	Journal of Molecular Liquids	398			
973.	W.S., Chattha, Waqas Shafqat; H., Saleem, Huma; S., Raja, Shameem; M.Z., Ihsan, Muhammad Zahid; A.I., Ghazy, Abdelhalim I.; T., Gul, Tehreem; F., Siddique, Farhat; M.Z., Afzal, Muhammad	Xylem-phloem cell area aid in salinity tolerance of tomato plant	2024	Scientia Horticulturae	328			

	Zohaib; U.S., Rana, Umara Sahar; J.A., Junaid, Jamshaid Ali							
974.	K., Naseem, Kashif; Z., Ali, Zahid; P., Chen, Peirong; A., Tahir, Adnan; F., Qin, Fei; A., Fayyaz, Amir; M.D., Albaqami, Munirah D.; S., Mohammad, Saikh; B., Akkinepally, Bhargav; S.M., Ali, Shafaqat M.	Supercapacitive behavior and energy storage properties of molybdenum carbide ceramics synthesized via ball milling technique	2024	Ceramics International	50	6	9572	9580
975.	K., Rumat, Kinza; U.F., Arshad, Umar Farooq; T., Hussain, Tajamal; M.I., Din, Muhammad Imran; M.N., Ahmad, Mirza Nadeem; A., Mujahid, Adnan; A., Afzal, Adeel	Expanded polystyrene waste with Lead-Organic frameworks for adsorptive desulfurization of gasoline	2024	Materials Letters	359			
976.	R., Alabada, R.; A., Ayub, Asif; Y., Ajaj, Yathrib; S.I., Bhat, Subrahmanya Ishwar; R.H., Alshammari, Riyadh H.; A.A., Abduldayeva, Aigul	A new approach to the synthesis of CuMoO4 nanoparticles with mechanistic insight into the sunlight-assisted degradation of	2024	Journal of Alloys and Compounds	977			

	A.; A.I., Mallhi, Ali Imran; Z., Ahmad, Zubair; R.M., Mohamed, Rasha M.K.	textile pollutants and antibacterial activity evaluation						
977.	A., Rahman, Aisha; F., Noor, Fatima; U.A., Ashfaq, Usman Ali; H.W., Darwish, Hany W.; M., Åschner, Michael; Z.U., Din, Zia Ud; H., Khan, Haroon	Multitarget Mechanisms of Monocarbonyl Curcuminoid Analogues against HL-60 Cancer Cells: In Vitro and Network Pharmacology-Based Approach	2024	ACS Omega	9	10	11836	11847
978.	M., Qubtia, Maria; S.A., Ghumman, Shazia Akram; S., Noreen, Sobia; H., Hameed, Huma; S., Noureen, Shazia; R., Kausar, Rizwana; A., Irfan, Ali; P., Akhtar Shah, Pervaiz; H., Afzal, Hafsa; M., Hameed, Misbah	Evaluation of Plant-Based Silver Nanoparticles for Antioxidant Activity and Promising Wound-Healing Applications	2024	ACS Omega	9	10	12146	12157
979.	S., Rashid, Saima; F., Jarad, Fahd	Novel Investigation of Stochastic Fractional Differential Equations	2024	CMES - Computer Modeling in Engineering and Sciences	139	3	2289	2327

		Measles Model via the White Noise and Global Derivative Operator Depending on Mittag-Leffler Kernel						
980.	W., Zulfiqar, Waqas; F., Javed, Farrukh; G., Abbas, Ghulam; J.A., Larsson, John Andreas; S.M., Alay-E-Abbas, Syed Muhammad	Stabilizing the dopability of chalcogens in BaZrO3 through TiZr co-doping and its impact on the opto-electronic and photocatalytic properties: A meta-GGA level DFT study	2024	International Journal of Hydrogen Energy	58		409	415
981.	M., Touseef, Muhammad; S., Abbas, Shozab; B., Ali, Basharat	FAMILY DYNAMICS IN A CONSERVATIVE CONTEXT AND THE RELATIONSHIPS BETWEEN LGBTQ+ TEENAGERS AND PARENTS IN PAKISTAN	2024	Nigerian Journal of Economic and Social Studies	66	1	161	184
982.	S.M., Hussain, Syed Makhdoom; F., Khurram, Fatima;	A review on the prospects and potentials of	2024	International Aquatic Research	16	1	7	16

	A., Naeem, Adan; S.Z.H., Shah, Syed Zakir Hussain; P.K., Sarker, Pallab Kumer; E.M.A., Naeem, E. M.A.; M.Z.U.H., Arsalan, Muhammad Zubair Ul Hassan; D., Riaz, Danish; Z., Yousaf, Zeeshan; M.N., Faisal, Muhammad Naeem	fishmeal replacement with different animal protein sources						
983.	B., Deepanraj, B.; F., Shaik, Feroz; M.A., Mehmood, Muhammad Aamer	Editorial: Innovative strategies for treatment and management of saline water/wastewater	2024	Water Reuse	14	1	iii	iv
984.	H., Khanum, Humaira; M., Ishtiaq, Muhammad; M., Maqbool, Mehwish; I., Hussain, Iqbal; K.H., Bhatti, Khizar Hayat; M.W., Mazhar, Muhammad Waqas; A., Gul, Alia	Evaluating the conservation value and medicinal potential of wild herbaceous flora in the Sanghar Mountains of District Bhimber, Azad Jammu and Kashmir Pakistan	2024	Ethnobotany Research and Applications	27			
985.	A., Latif, Ammara;	The Receptor	2024	Plants	13	6		

	C., Yang, Chenguang; L., Zhang, Lanxin; X.Y., Yang, Xin Yu; X.Y., Liu, Xinyue Ye; L., Ai, Lianfeng; A., Noman, Ali; C., Pu, Cuixia; Y., Sun, Ying	Kinases DRUS1 and DRUS2 Behave Distinctly in Osmotic Stress Tolerance by Modulating the Root System Architecture via Auxin Signaling						
986.	I., Mubeen, Iqra; G., Abbas, Ghulam; S., Shah, Shahid; A.A., Assiri, Abdullah A.	Conjugated Linoleic Acid“Carboxymethyl Chitosan Polymeric Micelles to Improve the Solubility and Oral Bioavailability of Paclitaxel	2024	Pharmaceutics	16	3		
987.	I.G., DjaloviÄž, Ivica G.; P.V., Prasad, Pv Vara; K., Akhtar, Kashif; A.S., PaunoviÄž, Aleksandar S.; M.A., Riaz, Muhammad Ahsan; M., Dugalic, Marijana; S., Katanski, S.; S., Zaheer, Sajjad	Nitrogen Fertilization and Cultivar Interactions Determine Maize Yield and Grain Mineral Composition in Calcareous Soil under Semiarid Conditions	2024	Plants	13	6		
988.	M.M., Saadullah, Malik M.; H., Tariq,	Biochemical properties and	2024	PLOS ONE	19	45719		

	Hafsa; Z., Chauhdary, Zunera; U., Saleem, Uzma; S.A., Bukhari, Shazia Anwer; A., Sehar, Amna; M., Asif, Muhammad; A., Sethi, Aisha	biological potential of Syzygium heyneanum with antiparkinsonâ€™ s activity in paraquat induced rodent model						
989.	S., Mansha, Saira; A., Sajjad, Amna; A., Zarbab, Aneeqa; T., Afzal, Tahmina; Z., Kanwal, Zakia; M.J., Iqbal, Muhammad Javaid; M.A., Raza, Mohsin Ali; S., Ali, Sharafat	Development of pH-Responsive, Thermosensitive, Antibacterial, and Anticancer CS/PVA/Graphen e Blended Hydrogels for Controlled Drug Delivery	2024	Gels	10	3		
990.	M.M., Rahman, Md Mominur; M.R., Islam, Md Rezaul; S., Shohag, Sheikh; M.E., Hossain, Md Emon; M., Shah, Muddaser; S.K., Shuvo, Shakil Khan; H., Khan, Hosneara; M.A.R., Chowdhury, Md Arifur Rahman; I.J., Bulbul, Israt Jahan; M.S., Hossain, Md Sarowar	Retraction Note: Multifaceted role of natural sources for COVID-19 pandemic as marine drugs (Environmental Science and Pollution Research, (2022), 29, 31, (46527- 46550), 10.1007/s11356- 022-20328-5)	2024	Environmental Science and Pollution Research	31	15	2329 9	

991.	M.T., Sohail, Muhammad Tayyab; S., Ullah, Sana; M.T., Majeed, Muhammad Tariq; A., Usman, Ahmed; Z., Andlib, Zubaria	Retraction Note: The shadow economy in South Asia: dynamic effects on clean energy consumption and environmental pollution (Environmental Science and Pollution Research, (2021), 28, 23, (29265-29275), 10.1007/s11356-021-12690-7)	2024	Environmental Science and Pollution Research	31	15	23303	
992.	M.U., Rasheed, Mamoon Ur; S.A.R., Naqvi, Syed Ali Raza; F., Al-Asmari, Fahad; M.A., Rahim, Muhammad Abdul; M.F., Ramadan, Mohamed Fawzy	Phytochemicals, Health-Promoting Effects, and Enzyme Inhibition Traits of <i>Phlomis stewartii</i> Extracts	2024	Molecules	29	5		
993.	F., Bukhtawar, Fiza; M., Usman, Muhammad; A., ul Haq, Atta; M.S., Saeed, Muhammad Shahzad; A., Saleem, Atif	Optimization of multi-stage micellar-enhanced flocculation process for removal of Levofloxacin	2024	Journal of Water Process Engineering	59			

		hemihydrate in wastewater						
994.	S., Asfar Ahmad Jafri, Syed; R.S.A., Almufarij, Rasmiah Saad A.; A., Ashfaq, Arslan; R., Saleh Alqurashi, Rania; L.G., Alharbe, Lamiaa G.; A.R., Abd-Elwahed, A. R.; O.A., Albeydani, Ohood Abdullah; E., Alsubhe, Emaan; S.M., Alghamdi, Shoug Mohammad; S.H., Alrefaee, Salhah Hamed	Enhancing photovoltaic efficiency: Integrating graphene and advanced interface layers to reduce the recombination losses in lead-free MASnI3 perovskite solar cells	2024	Solar Energy	270			
995.	A., Parveen, Abida; S., Perveen, Shagufta; S., Tariq, Sana; M., Atif, Muhammad; F., Saeed, Farah; S., Zafar, Sara	Protective role of manganese, proline and rice straw extract in wheat against drought driven oxidative stress	2024	Acta Physiologiae Plantarum	46	3		
996.	M.A., Basit, Muhammad Abdul; M.A., Imran., Muhammad Asjad; R., Safdar, Rabia; M.T., Tahir, Madeeha Teham; M.R., Ali,	Thermally radiative bioconvective nanofluid flow on a wavy cylinder with buongiorno model: A sensitivity	2024	Case Studies in Thermal Engineering	55			

	Mohamed R.; A.S., Hendy, A. S.; A., Alhushaybari, Abdullah; A.M., Alharthi, Aiedh Mrisi	analysis using response surface methodology						
997.	M., Jawad, Muhammad; H.A., Khalifa, Hamiden Abdelwahed; A.A., Shaaban, Abeer A.; A., AkgÃ¼l, Ali; M.B., Riaz, Muhammad Bilal; N., Sadiq, Naeem	Characteristics of heat transportation in MHD flow of chemical reactive micropolar nanofluid with moving slip conditions across stagnation points	2024	Results in Engineering	21			
998.	M.R., Dustgeer, Mohsin Raza; A.L., Jilani, Asim L.; M.O., Ansari, Mohammad Omaish; M.B., Shakoor, Muhammad Bilal; S.M., Ali, Shafaqat M.; A., Imtiaz, Aniq; H.S., Zakria, Hazirah Syahirah; M.H.D., Othman, Mohd Hafiz Dzarfan	Reduced graphene oxide supported polyaniline/copper (II) oxide nanostructures for enhanced photocatalytic degradation of Congo red and hydrogen production from water	2024	Journal of Water Process Engineering	59			
999.	M., Yousaf, Misbah; A.S., Farid, A. S.; A., Rasheed,	Growth of binder-free highly efficient	2024	Journal of Saudi Chemical Society	28	2		

	Abdur; A., Raza, Asif; M., Ahsan Ali, M.; I.A., Khan, Ijaz Ahmad	supercapacitors electrode materials based on nickel sulfide nanostructures anchored on hierarchical nickel foam						
1000.	A., Mahmood, Asif; S., Naeem, Sumaira; A., Javed, Afra; Z., Shafiq, Zunaira; M.A.R.M., El-Sheikh, Mohamed Abd Rouf Mousa; H.O., Elansary, Hosam O.; M.R., Saeed Ashraf Janjua, Muhammad Ramazan	Chemical similarity-based design of materials for organic solar cells: Visualizing the generated chemical space of polymers	2024	Materials Today Communications	38			
1001.	M., Kashif, Muhammad; A.A., Albalwi, Abdulaziz Aoudh; S.A., Mehdi Kazmi, Syed Abid; A.A., Alharbi, Ahmad Abdullah; K., Bashir, Kiran; M., Aqeel Aslam, Muhammad; T., Ghaffar, Tamjeed	Role of telerehabilitation in the rehabilitation of children with cerebral palsy during COVID-19: A review	2024	Medicine (United States)	103	9	E372 14	
1002.	M.Q., Khan, Muhammad	Wheat Varietal Comparison at	2024	Sarhad Journal of Agriculture	40	1	187	194

	Qazzafi; I., Hussain, Iqtidar; E.A., Khan, Ejaz Ahmad; S., Zafar, Sara; Z., Hasnain, Zuhair; M., Abbas, Moneeza	Different Sowing Intervals for Rainfed Cultivation Under Climate Change Scenario						
1003.	L., Sellak, Lahcen; S., Chabaa, Samira; S., Ibnyaich, Saida; L., Aguni, Lahcen; A., Sarosh, Ahmad; A., Zeroual, A.; A., Baddou, Atmane	A novel wide-band, small size and high gain patch antenna array for 5G mm-wave applications using adaptive neuro-fuzzy inference system	2024	Analog Integrated Circuits and Signal Processing	118	3	603	618
1004.	H., Kanwal, Habiba; S.H., Raza, Syed Hammad; S.M., Ali, Shafaqat M.; M.U., Iqbal, Muhammad Usman; M.I., Shad, Mudassir Iqbal	Effect of riboflavin on redox balance, osmolyte accumulation, methylglyoxal generation and nutrient acquisition in indian squash (Pracitrullus fistulosus L.) under chromium toxicity	2024	Environmental Science and Pollution Research	31	14	2088 1	20897
1005.	R., Nasir, Rabiya; H., Meng, Hui; S.R., Ahmad, Sajid Rashid; L.A.,	Towards sustainable transportation: A case study	2024	Case Studies in Thermal Engineering	55			

	Waseem, Liaqat Ali; S.A.A., Naqvi, Syed Ali Asad; M., Shahid, Muhammad; K., Nasir, Khizra; M.N., Aslam, Muhammad Naveed; S.F., Jilani, Syeda Fizzah; W.H., Soufan, Walid H.	analysis of climate-responsive strategies in a developing nation						
1006.	K., Tul-Kubra, Khadija; S., Gulshan, Samra; R., Ali, Rooh	An Atanganaâ€ˆBaleanu derivative-based fractal-fractional order model for the monkey pox virus: A case study of USA	2024	Partial Differential Equations in Applied Mathematics	9			
1007.	S., Parveen, Sana; N., Akhtar, Nasrin; T., E-Kobon, Teerasak; R.J.S., Burchmore, Richard J.S.; A.I., Hussain, A. I.; K., Akhtar, Kalsoom	Biodesulfurization of organosulfur compounds by a trehalose biosurfactant producing <i>Gordonia</i> sp. isolated from crude oil contaminated soil	2024	World Journal of Microbiology and Biotechnology	40	3		
1008.	F.F., Qureshi, Freeha Fatima; M.A., Ashraf, Muhammad Arslan; R.,	Microbial-assisted alleviation of chromium toxicity in plants:	2024	Plant Stress	11			

	Rasheed, Rizwan; I., Hussain, Iqbal; M.S., Rizwan, Muhamamd Shahid; M.U., Iqbal, Muhammad Usman; J.W.H., Yong, Jean Wan Hong	A critical review						
1009.	U., Farooq, Umar; C.H., MÃcatki, Chemseddine H.; K., Kriaa, K.; B., Hadrich, Bilel; M.A., Imran., Muhammad Asjad; S., Noreen, Sobia; H.M., Waqas, Hassan M.; A., AkgÃ¼l, Ali	Characteristics of sodium alginate-based hybrid nanofluid and darcy-forchheimer flow induced by starching surface with thermal radiation and Cattaneoâ€Chris tov heat flux model	2024	Journal of Computational Science	76			
1010.	Z., Ali, Zahid; S., Kiran, Sana; N., Ul-Haq, Noaman; A., Dahshan, A.; S.Z., Iqbal, Shahzad Zafar; A., Nazir, Arif; A., Munawar, Aisha; A.L., Khan, Asim Laeeq; N.M., Alwadai, Norah Muhammad; M.A., Iqbal, Munawar	Fabrication of novel (Cr) based (MIL-101) incorporated mixed matrix forward osmosis membranes for environmental remediation	2024	Materials Chemistry and Physics	315			

	Aqeel							
1011.	N., Amjed, Nyla; I.A., Ahmad Bhatti, Ijaz Ahmad; L.C., Simon, Leonardo Coelho; I., Hafiz, Iram; N., Akram, Nadia; K.M., Zia, Khalid Mahmood; T., Rasheed, Tahir	Modification of elastollan by extrusion process for improved thermal, antimicrobial and biocompatible behavior	2024	Materials Chemistry and Physics	315			
1012.	S.Z., Iqbal, Shahzad Zafar; A., Haider, Ali; F.U., Rehman, Fazal Ur; G., Cui, Guihua; M., Waseem, Muhammad; M.A., Iqbal, Munawar Aqeel; A., Mousavi Khaneghah, Amin	Application of carboxymethylcel lulose in combination with essential oils nano-emulsions edible coating for the preservation of kiwifruit	2024	International Journal of Biological Macromolecules	261			
1013.	U., Farooq, Umar; H.M., Waqas, Hassan M.; A., Bariq, Abdul; S.K., Elagan, S. K.; N., Fatima, Nahid; M.A., Imran., Muhammad Asjad; S.A., Khan, Shan Ali; S., Noreen, Sobia; A., Ramzan, Aleena	Local Similar Solution of Magnetized Hybrid Nanofluid Flow Due to Exponentially Stretching/Shrink ing Sheet	2024	BioNanoScience	14	1	368	379
1014.	L., Sakouhi, Lamia; M., Husaan,	Role of calcium signaling in	2024	Environmental Science and Pollution Research	31	11	1697 2	16985

	Muhammad; Y., Murata, Yoshiyuki; A., Chaoui, Abdelilah	cadmium stress mitigation by indol-3-acetic acid and gibberellin in chickpea seedlings						
1015.	B., Ali, Bagh; H., Sharif, Humaira; D., Habib, Danial; H.A.S., Ghazwani, Hassan Ali S.; I., Saman, Iqra; H., Yang, Huizhu	Significance of tri-hybrid nanoparticles in thermal management subject to magnetized squeezing flow of a Boger- micropolar nanofluid between concentring disks	2024	Journal of Molecular Liquids	397			
1016.	M.B., Zeshan, Muhammad Bilal; N., Amjed, Nyla; H., Ashraf, Humna; A., Farooq, Ariba; N., Akram, Nadia; K.M., Zia, Khalid Mahmood	A review on the application of chitosan-based polymers in liver tissue engineering	2024	International Journal of Biological Macromolecules	262			
1017.	S., Ahmad, Shoaib; A.K., Sehrish, Adiba Khan; S.O., Alomrani, Sarah Owdah; L., Zhang, Lidan; M.,	Combined application of biochar and metal-tolerant bacteria alleviates	2024	Plant Stress	11			

	Waseem, M.; S., Noureen, Shamaila; I., Ullah, Inam; R., Tabassam, Rohina; G., Abbas, Ghulam; S.M., Ali, Shafaqat M.	cadmium toxicity by modulating the antioxidant defense mechanism and physicochemical attributes in rice (Oryza sativa L.) grown in cadmium- contaminated soil						
1018.	T., Mukhtar, Tayyba; R.Z.A., Manj, Rana Zafar Abbas; I.A., Khan, Ijaz Ahmad; Z.A., Raza, Zulfiqar Ali; M.I., Aslam, Muhammad Imran	A prime synergistic BC@PPy flexible conductive matrix proposed candidate for boosting the breakthrough in smart e-textiles power supplies	2024	Materials Today Communications	38			
1019.	N.U., Akbar, Noor Ul; S., Ahmad, Sajjad; T.A.J.A.L.I., Khan, Taj Ali J.A.L.I.; M., Tayyeb, Muhammad; N., Akhter, Naheed; L., Shafiq, Laraib; S.N., Khan, Shahid Niaz; M.M., Alam, Mohammad Mahtab; A.M., Abdullah, Alduwish	Consanguineous marriages increase the incidence of recurrent tuberculosis: Evidence from whole exome sequencing	2024	Infection, Genetics and Evolution	118			

	Manal; M., Fayyaz-Ur-Rehman, Muhammad							
1020.	B., Abdullah, Bilal; M.B.K., Niazi, Muhammad Bilal Khan; Z., Jahan, Zaib; T., Shah, Tariq; U.S., Malik, Umer Shahzad; B., Beig, Bilal; A., Mahmood, Abid; G.A., Shah, Ghulam Abbas; Z., Iqbal, Zahid	Zinc-Coated Urea with Gelatin-Enhanced Zinc Biofortification, Apparent Nitrogen Recovery, and Ryegrass Production	2024	Journal of Soil Science and Plant Nutrition	24	1	1460	1473
1021.	M.F.E., Fakhar-E-Alam, Muhammad F.E.; I., Amjad, Irsa; M.M., Saadullah, Malik M.; M.M., Tahir, Muhammad Mateen; M., Jawad, Muhammad; M., Asif, Muhammad; M., Atif, Muhammad; S., Zara, Susi; M., Rashad, Muhammad	Antitumor activity of zinc oxide nanoparticles fused with green extract of Nigella sativa	2024	Journal of Saudi Chemical Society	28	2		
1022.	S., Nouren, Shazia; I., Bibi, Ismat; A., Kausar, Abida; M., Sultan, Misbah; H.,	Green synthesis of CuO nanoparticles using Jasmin	2024	Journal of King Saud University - Science	36	3		

	Nawaz Bhatti, Haq; Y., Safa, Yusra; S., Sadaf, Sana; N.M., Alwadai, Norah Muhammad; M.A., Iqbal, Munawar Aqeel	sambac extract: Conditions optimization and photocatalytic degradation of Methylene Blue dye						
1023.	F., Jubeen, Farhat; A., Batool, Alina; I., Naz, Iram; S., Sehar, Saira; H., Sadia, Haleema; A., Hayat, Akhtar; K., Mohsin, Kazi	Mycotoxins detection in food using advanced, sensitive and robust electrochemical platform of sensors: A review	2024	Sensors and Actuators A: Physical	367			
1024.	N., Akhtar, Naheed; F., Menaa, Farid; N.H., Akhtar, Naveed Hassan; N., Javed, Nayla; A., Sethi, Aisha; M.S., Khan, Muhammad Shahzad	Tocopherol succinate-loaded ethosomal gel synthesized by cold method technique: Deeper biophysical characterizations for translational application on human skin	2024	Journal of Cosmetic Dermatology	23	3	1015	1028
1025.	H., Shaghaleh, Hiba; M.T., Azhar, Muhammad Tehseen; M., Zia-Ur-Rehman, Muhammad; Y., Alhaj Hamoud,	Effects of agro based organic amendments on growth and cadmium uptake in wheat and rice crops irrigated	2024	Environmental Pollution	344			

	Yousef; A.A., Adam Hamad, Ammar Ali; M., Usman, Muhammad; M.S., Rizwan, Muhamamd Shahid; J.W.H., Yong, Jean Wan Hong; H.F., Alharby, Hesham Fasial; A.G., Al-Ghamdi, Abdullah G.	with raw city effluents: Three years field study						
1026.	M.H., Sarfraz, Muhammad Hassan; S., Hayat, Sumreen; M.H., Siddique, Muhammad Hussnain; B., Aslam, B.; A., Ashraf, Asma; M., Saqalein, Muhammad; M., Khurshid, Mohsin; M.F., Sarfraz, Muhammad Farrukh; M.A., Afzal, Muhammad Amin; S., Muzammil, Saima	Chitosan based coatings and films: A perspective on antimicrobial, antioxidant, and intelligent food packaging	2024	Progress in Organic Coatings	188			
1027.	L., Malik, Laraib; M., Sanaullah, Muhammad; F.,	Co-application of biochar and salt tolerant PGPR to	2024	Rhizosphere	29			

	Mahmood, Faisal; S., Hussain, Sabir; T., Shahzad, Tanvir	improve soil quality and wheat production in a naturally saline soil						
1028.	M., Kianmehr, Majid; M.R., Khazdair, Mohammad Reza; A., Abbasnezhad, Abbasali; M.S., Akram, Muhammad Sohail	Effects of Lamiaceae family plants and their bioactive ingredients on coronavirus-induced lung inflammation	2024	Food Science and Nutrition	12	3	1528	1544
1029.	M.A., Rahim, Muhammad Abdul; M.A., Imran, Muhammad Asif; F.A., Khan, Faima Atta; F., Al-Asmari, Fahad; J.M., Regenstein, Joe Mac; S.Y., Al-Omar, Suliman Yousef; I., Hussain, Imtiaz; E., Bartkien—, Elena; J.M., Rocha, J. M.	Characterization and effect of optimized spray-drying conditions on spray-dried coriander essential oil	2024	Industrial Crops and Products	209			
1030.	N., Shafiq, Nusrat; R., Zameer, Rabia; N., Attiq, Naila; A., Moveed, Aniq; A., Farooq, Ariba; F., Imtiaz, Fazeelat; S., Parveen, Shagufta; M., Rashid,	Integration of virtual screening of phytoecdysteroids as androgen receptor inhibitors by 3D-QSAR Model,	2024	Journal of Steroid Biochemistry and Molecular Biology	237			

	Maryam; N., Noor, Nadia	CoMFA, molecular docking and ADMET analysis: An extensive and interactive machine learning						
1031.	I., Usman, Ifrah; S., Sana, Saima; M.S., Afzaal, Muhammad Sohail; A., Imran, Ali; F., Saeed, F.; A., Ahmed, Aftab; Y.A., Shah, Yasir Abbas; M., Munir, Muniba; H., Ateeq, Huda; A., Afzal, Atka	Advances and challenges in conventional and modern techniques for halal food authentication: A review	2024	Food Science and Nutrition	12	3	1430	1443
1032.	I.A., Kiyani, Iqra Ashraf; T., Shehryar, Tehmina; S., Khalid, Samina; U., Jamil, Uzma; A., Muzaffar Syed, Adeel	Deep learning based Glaucoma Network Classification (GNC) using retinal images	2024	International Journal of Imaging Systems and Technology	34	2		
1033.	S., Liaqat, Saba; Z., Ahmed, Zaheer; M.U., Umer, Muhammad Usama; Q., Ali, Qasim; M.F., Mustafa, Muhammad Farooq; I., Ferheen, Ifra; M., Waseem,	Sheep bone valorization: Enhancing gastronomic sustainability through hydroxyapatite-enriched potato wedges	2024	International Journal of Gastronomy and Food Science	35			

	M.							
1034.	M.M., Alomran, Maryam M.; A., Noman, Ali; N., Khalid, Noreen; N., Hadayat, Naila; F.M., Alqahtani, Fatmah M.; F.M.A., AlZuaibr, Fahad Mohammed A.; N., Akhter, Noreen; M., HASHEM, Mohamed; T.H., Habeeb, Talaat Hassan; O.M., Al-Zoubi, Omar Mahmoud	Harnessing Melatonin Protective Efficacy in Capsicum Plants Against Nickel-Contaminated Soil	2024	Journal of Soil Science and Plant Nutrition	24	1	408	420
1035.	S.M., Hussain, Syed Makhdoom; E.M.A., Naeem, E. M.A.; S.M., Ali, Shafaqat M.; M.N., Adrees, Muhammad Nawaz; D., Riaz, Danish; B.A., Paray, Bilal Ahmad; A., Naeem, Adan	Evaluation of growth, nutrient absorption, body composition and blood indices under dietary exposure of iron oxide nanoparticles in Common carp (Cyprinus carpio)	2024	Journal of Animal Physiology and Animal Nutrition	108	2	366	373
1036.	R., Luque, Rafael; A.I., Ahmad, Awais I.; S., Tariq, Sadaf; M., Mubashir, Muhammad; M., Sufyan Javed,	Functionalized interconnected porous materials for heterogeneous catalysis, energy	2024	Materials Today	73		105	129

	Muhammad; S.K., Saravanan Rajendran, Saravanan Kumar; R.S., Varma, Rajender S.; A., Ali, Abulhassan; C., Xia, Changlei	conversion and storage applications: Recent advances and future perspectives						
1037.	M., Atif, Muhammad; S., Perveen, Shagufta	Maize grain nutritional quality amelioration with seed-applied thiamine and indole-3-acetic acid under arsenic toxicity	2024	Environment, Development and Sustainability	26	3	7827	7855
1038.	T., Ao, Tianjie; K., Li, Kai; M.A., Mehmood, Muhammad Aamer; X., Zhao, Xinqing; F., Bai, Fengwu; R., Boopathy, Raj; C.G., Liu, Chen Guang	Process optimization for acidic deep eutectic solvent pretreatment of corn stover to enhance enzymatic saccharification	2024	Biomass Conversion and Biorefinery	14	5	6215	6228
1039.	M., Nazeer, Mubbashar; M.I., Khan, Muhammad Ijaz; A., Saleem, Adila; Y., Chu, Yuming; S.N., Kadry, Seifedine Nimer; M.T.,	Perturbation based analytical solutions of non-Newtonian differential equation with heat and mass transportation	2024	Numerical Methods for Partial Differential Equations	40	2		

	Rasheed, Muhammad Tahir	between horizontal permeable channel						
1040.	M., Nazeer, Mubbashar; F., Hussain, Farooq; S., Iftikhar, Sadia; M.I., Khan, Muhammad Ijaz; R., Katta, Ramesh; N., Shehzad, Nasir; A., Baig, Afifa; S.N., Kadry, Seifedine Nimer; Y., Chu, Yuming	Mathematical modeling of bio- magnetic fluid bounded within ciliated walls of wavy channel	2024	Numerical Methods for Partial Differential Equations	40	2		
1041.	M.W., Nazir, Muhammad Waqas; T., Javed, Tariq; N., Ali, Nasir; M., Nazeer, Mubbashar	Effects of radiative heat flux and heat generation on magnetohydrodyn amics natural convection flow of nanofluid inside a porous triangular cavity with thermal boundary conditions	2024	Numerical Methods for Partial Differential Equations	40	2		
1042.	M., Nazeer, Mubbashar; F., Hussain, Farooq; M.I., Khan, Muhammad Ijaz;	MHD two-phase flow of Jeffrey fluid suspended with Hafnium and crystal particles:	2024	Numerical Methods for Partial Differential Equations	40	2		

	Q., Shahzad, Qasiar; Y., Chu, Yuming; S.N., Kadry, Seifedine Nimer	Analytical treatment						
1043.	K., Fiaz, Khazra; M.F., Maqsood, Muhammad Faisal; M.S., Shahbaz, Muhammad Shahzad; U., Zulfiqar, Usman; N., Naz, Nargis; A.R., Gaafar, Abdel Rhman; A., Tariq, Arneeb; F., Farhat, Fozia; F.U., Haider, Fasih Ullah; B., Shahzad, Babar	Application of thiourea ameliorates drought induced oxidative injury in Linum usitatissimum L. by regulating antioxidant defense machinery and nutrients absorption	2024	Heliyon	10	4		
1044.	R., Iqbal, Rabia; I.A., Azhar, Iqbal Ahamd; M.F., Akhtar, Muhammad Furqan; Z.A., Mahmood, Zafar Alam; I., Hamid, Irfan; A., Saleem, Ammara; E., Basheer, Ejaz; G.E., Batiha, Gaber E.; A.M., Elgazzar, Ahmed M.; M.H., Mahmoud,	Combination therapy with Hordeum vulgare, Elettaria cardamomum, and Cicer arietinum exhibited anti-diabetic potential through modulation of oxidative stress and proinflammatory cytokines	2024	Heliyon	10	4		

	Mohamed H.							
1045.	S.M., Hussain, Syed Makhdoom; A.A., Bano, Aumme Adeeba; S.M., Ali, Shafaqat M.; M.S., Rizwan, Muhamamd Shahid; M.N., Adrees, Muhammad Nawaz; A.F., Zahoor, Ameer Fawad; P.K., Sarker, Pallab Kumer; M.I., Hussain, Majid I.; M.Z.U.H., Arsalan, Muhammad Zubair Ul Hassan; J.W.H., Yong, Jean Wan Hong	Substitution of fishmeal: Highlights of potential plant protein sources for aquaculture sustainability	2024	Heliyon	10	4		
1046.	A., Saleem, Ammara; S., Humayun, Shazia; H., Awan, Hadia; M.K., Nazir, Muhammad Kashif	Exploration of push and pull factors influencing the graduate-employer relationship in pakistan	2024				247	280
1047.	M.I., Khan, Muhammad Isa; M.I., Akber, Muhammad Imtiaz;	Exploring the sensing potential of Fe-decorated h-BN toward	2024	RSC Advances	14	10	7040	7051

	M., Gul, Muhammad; N.U., Ain, Noor Ul; T., Iqbal, Tahir; S.S., Alarfaji, Saleh S.; A., Mahmood, Abid	harmful gases: a DFT study						
1048.	K., Zia, Komal; M., Sadaqat, Muhammad; B., Ding, Baopeng; K., Fatima, Kinza; N.A., Albekairi, Norah A.; A.M., Alshammari, Abdulrahman Mohammed; M., Tahir Ul Qamar, Muhammad	Comparative genomics and bioinformatics approaches revealed the role of CC-NBS-LRR genes under multiple stresses in passion fruit	2024	Frontiers in Genetics	15			
1049.	J., Yaseen, Junaid; F., Saira, Farhat; M.A., Imran, Muhammad Ali; M., Fatima, Mehwish; H.E., Ahmed, Hafiz Ejaz; M.Z., Manzoor, Muhammad Zeewaqar; M.N., Rasheed, Momna N.; I., Nisa, Iqbal; K., Mehmood, Kashif; Z., Batool, Zahida	Synthesis of CuSe/PVP/GO and CuSe/MWCNTs for their applications as nonenzymatic electrochemical glucose biosensors	2024	RSC Advances	14	10	6896	6905
1050.	A., Kanwal, Aqsa; U., Afzal, Uzma;	Synthesis of anti-depressant	2024	RSC Advances	14	10	6948	6971

	M.W., Zubair, Muhammad Waqas; M.A., Imran, Muhammad Ali; N., Rasool, Nasir	molecules via metal-catalyzed reactions: a review						
1051.	A.N., Malik, Abida Naseem; A.M., Ali, Akbar M.; M.A., Ashfaq, Muhammad Awais; M.N., Tahir, Muhammad Nawaz; M.M., Alam, Mohammad Mahtab; M.S., Mostafa, Mohamed S.; A.E., Kuznetsov, Aleksey E.	A synthetic approach towards drug modification: 2-hydroxy-1-naphthaldehyde based imine-zwitterion preparation, single-crystal study, Hirshfeld surface analysis, and computational investigation	2024	RSC Advances	14	10	6476	6493
1052.	M., Asim, Muhammad; Z., Liu, Zhiying; U., Ghani, Usman; M.A., Nadeem, Muhammad Athar; U., Farva Hashmi, Umme; Y., Xu, Yi	How appreciative leadership affects employees' helping behaviors? The mediating role of emotions and the moderating role of organizational trust	2024	International Journal of Emerging Markets	19	3	706	728
1053.	M.U., Yasin, Muhammad Umair; F., Hannan,	Interactive mode of biochar-based silicon and iron	2024	Science of the Total Environment	912			

	Fakhir; R., Munir, Raheel; S., Muhammad, Sajid; M.U., Iqbal, Muhammad Usman; I., Yasin, Iqra; M.S.S., Khan, Muhammad Saad Shoaib; F., Kanwal, Farah; Y., Chunyan, Yang; X., Fan, Xingming	nanoparticles mitigated Cd-toxicity in maize						
1054.	J., Ul Rahman, Jamshaid; F., Makhdoom, Faiza; A., Ali, Akhtar; S., Danish, Sana	Mathematical modeling and simulation of biophysics systems using neural network	2024	International Journal of Modern Physics B	38	5		
1055.	S., Nazir, Sajjad; S., Khadim, Sahar; M.A., Asadullah, Muhammad Ali; N., Syed, Nausheen	The paradoxical effect of perceived organizational politics on employees motivation: the mediation role of hostility and moderating role of organizational injustice	2024	Evidence-based HRM	12	1	87	111
1056.	T., Shaheen, Tayyaba; A., Rehman, Abdul;	Identification and expression analysis of SBP-	2024	Functional Plant Biology	51	3		

	A.H., Abeed, Amany H.A.; M., Waqas, Muhammad; A., Aslam, Asad; F., Azeem, Farrukh; M.A., Qasim, Muhammad Awais; M.A., Afzal, Muhammad Amin; M.F., Azhar, Muhammad Farooq; K.A., Attia, Kotb A.	Box-like (SPL) gene family disclose their contribution to abiotic stress and flower budding in pigeon pea (<i>Cajanus cajan</i>)						
1057.	R., Khan, Riaz; M.M., Tahir, Muhammad Mateen; S., Naz, Shabana; I.A., Alhidary, Ibrahim Abdullah; S., Shamsi, Shamsuddin; S., Dai, Sifa; R.U., Khan, Rifat Ullah; V., Tufarelli, Vincenzo	Integrating dietary supplementation with poppy (<i>Papaver somniferum</i> L.) seed meal: effects on growth performance, nutrient digestibility, and faecal microbiota in broilers	2024	Archives Animal Breeding	67	1	73	80
1058.	A., Rasool, Atizaz; S., Kiran, Shumaila; S.U., Abrar, Shazia U.; S., Iqbal, Sarosh; T.N., Farooq, Tahir Naveed; N., Jahan,	Synthesis and characterization of bio-fabricated silver nanoparticles as green catalysts for mitigation of	2024	Journal of Molecular Liquids	396			

	Nazish; B., Munir, Bushra; M., Yusuf, Mohd; N., Mukhtar, Naila	synthetic dyes: A sustainable environmental remedial approach						
1059.	S., Mushtaq, Shammash; S.A., Tahir, Sofia Akbar; A., Ashfaq, Arslan; R.S.A., Almufarij, Rasmiah Saad A.; R.S., Alqurashi, Rania Saleh; E.A., Shokralla, Elsammani Ali; H.E., Saad, H. E.; A., Baig, Adnan; S.H., Alrefaee, Salhah Hamed; A., R Z Almotairy, Awatif	Optimizing Lead-Free Chalcogenide Perovskite Solar Cells: A Path to High Efficiency and Stability for Renewable Energy Conversion	2024	Energy and Fuels	38	4	3275	3287
1060.	M.U., Ijaz, Muhammad Umar; K., Alvi, Kaynat; A., Hamza, Ali; H., Anwar, Haseeb; K.A., Al-Ghanim, Khalid Abdullah; M.N., Riaz, Mian Nadeem	Curative effects of tectochrysin on paraquat-instigated testicular toxicity in rats: A biochemical and histopathological based study	2024	Heliyon	10	3		
1061.	M.A., Bajaber, Majed A.; A., Hameed, Arruje; G.S., Hussain, Ghulam Sabir; R.,	Chitosan nanoparticles loaded with Foeniculum vulgare extract	2024	Heliyon	10	3		

	Noreen, Razia; M.K., Ibrahim, Muhammad Khalid; S., Batool, Shaheera; M.A., Qayyum, Muhammad Abdul; T.N., Farooq, Tahir Naveed; B., Parveen, Bushra; T., Khalid, Tanzeela	regulate retrieval of sensory and motor functions in mice						
1062.	Y., Alhaj Hamoud, Yousef; H., Shaghaleh, Hiba; M., Zia-Ur-Rehman, Muhammad; M.S., Rizwan, Muhamamd Shahid; M., Umair, Muhammad; M., Usman, Muhammad; M.A., Ayub, Muhammad Ashar; U., Riaz, Umair; G.S.H., Alnusairi, Ghalia S.H.; S.M., Alghanem, Suliman Mohammed	Cadmium and lead accumulation in important food crops due to wastewater irrigation: Pollution index and health risks assessment	2024	Heliyon	10	3		
1063.	M.M., Tahir, Muhammad Mateen; M.F.E., Fakhar-E-Alam,	Investigation of gadolinium doped manganese nano	2024	Heliyon	10	3		

	Muhammad F.E.; M., Asif, Muhammad; M.A., Iqbal, Munawar Aqeel; A., Abbas, Aoun; M., Hassan, Mudassir; J., Rehman, Javed; Q.A., Bhatti, Qaisar Abbas; G.M., Mustafa, Ghulam Muhammad; A.A., A Alothman, Asma A.	spinel ferrites via magnetic hypothermia therapy effect towards MCF-7 breast cancer						
1064.	A., Rasheed, Asima; A.A., Al-Huqail, Arwa Abdulkreem; B., Ali, Baber; S.M., Alghanem, Suliman Mohammed; A.A., Shah, Asad Ali; F., Azeem, Farrukh; M.S., Rizwan, Muhamamd Shahid; R.N., Al-Qthanin, Rahmah N.; F.A., Soudy, Fathia A.	Molecular characterization of genes involved in tolerance of cadmium in Triticum aestivum (L.) under Cd stress	2024	Journal of Hazardous Materials	464			
1065.	M., Nafees, Mohammad; A.K., Sehrish, Adiba Khan; S.O., Alomrani, Sarah	Mechanism and synergistic effect of sulfadiazine (SDZ) and cadmium toxicity	2024	Journal of Hazardous Materials	464			

	Owdah; L., Qiu, Linlin; A., Saeed, Aasim; S., Ahmad, Shoaib; S.M., Ali, Shafaqat M.; H., Guo, Hongyan	in spinach (Spinacia oleracea L.) and its alleviation through zinc fortification						
1066.	S., Jamil, Sajid; H.Y., Gondal, Humaira Yasmeen; A.M., Ali, Akbar M.; A., Hussain, Ajaz; N., Akram, Nadia; M.J., Nisar, Muhammad Junaid; M.N., Tahir, Muhammad Nawaz; M.A., Ashfaq, Muhammad Awais; A.R., Raza, Abdul Rauf; S., Muhammad, Shabbir	Benzimidazolium quaternary ammonium salts: synthesis, single crystal and Hirshfeld surface exploration supported by theoretical analysis	2024	Royal Society Open Science	11	2		
1067.	H., Hayat, Hunza; F.R., Awan, Fazli Rabbi; A., Aziz, Ammara; R., Schirhagl, Romana; A., Afzal, Adeel; A., Mujahid, Adnan; A., Jamil, Arifa; T., Asim, Tayyaba; W.S., Khan, Waheed Samraiz;	Development of cholesterol imprinted polymer-based interfaces as smart sensors for detection of cholesterol in clinical samples	2024	Journal of Materials Research	39	3	459	470

	S.Z., Bajwa, Sadia Zafar							
1068.	M., Haneef, Muhammad; S.A., Tahir, Sofia Akbar; H.A.A., Mahmoud, Haitham Abbas Ahmed; A., Ali, Adnan; A., Ashfaq, Arslan	Optimizing Lead-free MASnBr ₃ Perovskite Solar Cells for High-Efficiency and Long-Term Stability Using Graphene and Advanced Interface Layers	2024	ACS Omega	9	6	7053	7060
1069.	F., Tahir, Fatima; A., Kamran, Ali; M.I., Majeed, Muhammad Irfan; A.A., Alghamdi, Abeer Ahmed; M.R., Javed, Muhammad Rizwan; H., Nawaz, Haq; M.A., Iqbal, Muhammad Adnan; M.A., Tahir, Muhammad Asif; A., Tariq, Anam; N., Rashid, Nosheen	Surface-Enhanced Raman Scattering (SERS) in Combination with PCA and PLS-DA for the Evaluation of Antibacterial Activity of 1-Isopentyl-3-pentyl-1H-imidazole-3-ium Bromide against Bacillus subtilis	2024	ACS Omega	9	6	6861	6872
1070.	A., Khan, Awais; M.F., Nadeem, Muhammad Faisal; R., Ullah, Rahman; N., Gulzar, Nabila; F., Al-Asmari, Fahad; M.A.,	Fatty Acid Composition, Phenolic Compounds, Phytosterols, and Lipid Oxidation of Single- and	2024	ACS Omega	9	6	6787	6796

	Imran, Muhammad Ali; M.A., Rahim, Muhammad Abdul; E., Zongo, Eliasse; I., Hussain, Imtiaz; M.H., Tayyab, Muhammad Haleem	Double-Fractionated Olein of Safflower Oil Produced by Low-Temperature Crystallization						
1071.	I., Nasim, Iqra; N., Ghani, Nadia; R., Nawaz, Rab; A., Irfan, Ali; M.U., Arshad, Muhammad Umair; M., Nasim, Maryam; M., Raish, Mohammad; M.A., Irshad, Muhammad Atif; S.A., Ghumman, Shazia Akram; A.A., Ahmad, Ajaz A.	Investigating the Impact of Carbon Nanotube Nanoparticle Exposure on Testicular Oxidative Stress and Histopathological Changes in Swiss albino Mice	2024	ACS Omega	9	6	6731	6740
1072.	N., Ayesha, None; A., Ashraf, Aisha; M., Arshad, Mahwish; N., Sajid, Numan; N., Rasool, Nasir; M., Abbas, Mujahad; U., Nazeer, Usman; M., Khalid, Maria; M.A., Imran, Muhammad Ali	Dinuclear Zn-Catalytic System as Brønsted Base and Lewis Acid for Enantioselectivity in Same Chiral Environment	2024	ACS Omega	9	6	6074	6092
1073.	H., Xu, Hao; N.,	Diterpenoid	2024	ACS Omega	9	6	7230	7238

	Guo, Ningning; C., Zhu, Chenying; L., Ye, Linyan; X., Yan, Xingyi; Y., Liu, Yongqin; Z., Zhang, Zeyan; G., Zhang, Guangji; L., Hussain, Liaqat	Tanshinones Can Inhibit Lung Cancer Progression by Improving the Tumor Microenvironment and Downregulation of NF- κ B Expression						
1074.	F., Ghouri, Fozia; M.J., Shahid, Munazzam Jawad; M., Zhong, Minghui; M.A., Zia, Muhammad Anjum; S.O., Alomrani, Sarah Owdah; J., Liu, Jingwen; L., Sun, Lixia; S.M., Ali, Shafaqat M.; X., Liu, Xiangdong; M.Q., Shahid, Muhammud Qasim	Alleviated lead toxicity in rice plant by co-augmented action of genome doubling and TiO2 nanoparticles on gene expression, cytological and physiological changes	2024	Science of the Total Environment	911			
1075.	S.F., Hassan, Shahzadi Filza; S., Asghar, Sajid; I., Ullah Khan, Ikram; R., Munir, Rabia; S.H., Khalid, Syed Haroon	Curcumin Encapsulation in Geranium Oil Microemulsion Elevates Its Antibacterial, Antioxidant, Anti-Inflammatory,	2024	ACS Omega	9	5	5624	5636

		and Anticancer Activities						
1076.	M.Z.K.A., Raimi, Mouhamed Zakiou Kolawole Adissa; A., Nadeem, Aneeqa; K., Raheem, Kayode; G.S., Hussain, Ghulam Sabir; N., Zafeer, Nousheen; M., Hamadou, Mamoudou; M., Irfan, Muhammad; J.O., Nandwa, Jairus Olumasai; F., Ahmad, Faheem; A., Ullah, Anwar	In silico analysis of RPS4X (X-linked ribosomal protein) with active components from black seed (Nigella sativa) for potential treatment of multiple sclerosis	2024	Journal of Molecular Structure	1297			
1077.	M., Raza, Mohsan; A., Riaz, Amina; D.K., Thomas, Derek Keith	THE THIRD HANKEL DETERMINANT FOR INVERSE COEFFICIENTS OF CONVEX FUNCTIONS	2024	Bulletin of the Australian Mathematical Society	109	1	94	100
1078.	S., Javed, Sadia; N., Anwaar, Nazima; A.F., Zahoor, Ameer Fawad; M.Z., Haider, Muhammad Zulqurnain; M., Azeem, Muhammed; S.,	Cadmium Stress Mitigation in Different Cultivars of Spinach (Spinacea oleracea) with Foliar Application of Ascorbic Acid	2024	Russian Journal of Plant Physiology	71	1		

	Gul, Saboor; A., Aftab, Amreen							
1079.	X., Zhao, Xuheng; Y., Wang, Yixiang; F., Cao, Fangfang; X., Wang, Xuzhe; F., Zhang, Fanfan; S., Anwer, Sumera; Z., Sun, Zhihua; H., He, Hongsu	Understanding the Impact of Sheep Digestion on Seed Germination in the Cold Desert Annual <i>Diptychocarpus strictus</i> with Emphasis on Fruit and Seed Heteromorphism	2024	Life	14	2		
1080.	C.J., Okorie, Chika Joseph; T., Ojeyemi, Toluwalase; A.U., Egbemhenghe, Abel Ujaigbe; M.Q., Ali, Muhammad Qasim; E.C., Emenike, Ebuka Chizitere; K.O., Iwuozor, Kingsley O.; A.G., Adeniyi, Adewale George	Modification of activated carbon for enhanced treatment of per- and polyfluoroalkyl substances: A focused review	2024	Remediation	34	2		
1081.	H., Asif, Hadiqa; R., Munir, Ruba; G.I., Albasher, Gadah Ibraheem; M., Sayed, Murtaza; A., Muneer, Amna; A., Mansha, Asim; F.,	Fabrication of green magnetized ferrite biochar nanocomposites from orange peels/ MnFe2O4,	2024	Aqua Water Infrastructure, Ecosystems and Society	73	2	217	238

	Younas, Fazila; S., Noreen, Saima	peanut shells/CuFe ₂ O ₄ , tree twigs/Ni Fe ₂ O ₄ , and wood/CoFe ₂ O ₄ : characterization and application as adsorbents for adsorption/desor ption/stability of basic Blue-XGRRLL dye with possible mechanisms						
1082.	M., Hussain, Mazhar; A., Hafeez, Arslan; A.A., Al- Huqail, Arwa Abdulkreem; I.M., Alsudays, Ibtisam Mohammed; S.M., Alghanem, Suliman Mohammed; M.A., Ashraf, Muhammad Arslan; R., Rasheed, Rizwan; M.S., Rizwan, Muhamamd Shahid; A.H., Abeed, Amany H.A.	Effect of hesperidin on growth, photosynthesis, antioxidant systems and uptake of cadmium, copper, chromium and zinc by Celosia argentea plants	2024	Plant Physiology and Biochemistry	207			
1083.	M.U., Rehman, Mutti Ur; J.O., Alzabut, Jehad O.; F., Amir, Fouzia;	A LOW RANK ODE BASED TECHNIQUE FOR NUMERICAL	2024	Rocky Mountain Journal of Mathematics	54	1	245	259

	R.A., el-Nabulsi, Rami Ahmad; W., Anukool, Waranont	APPROXIMATION OF LOWER BOUNDS OF STRUCTURED SINGULAR VALUE						
1084.	U., Shafqaat, Ujala; R., Munir, Ruba; G.I., Albasher, Gadah Ibraheem; M., Sayed, Murtaza; N., Jahan, Nazish; A., Muneer, Amna; M., Zahid, Muhammad; M.A., Yaseen, Muhammad Ahsan; F., Younas, Fazila; S., Noreen, Saima	Synthesis and characterization of heavy metal- based hydroxyapatite for batch adsorption of turquoise blue dye: equilibrium, kinetic, and thermodynamic studies	2024	Water Practice and Technology	19	2	435	452
1085.	M.S., Saeed, Muhammad Shahzad; F.H., Albadran, Firas H.; A.F., Zahoor, Ameer Fawad; A., Nisar, Asif; A.A., Al- Mutairi, Aamal A.; S.A., Alâ€ˆHussain, Sami A.; A., Irfan, Ali; M.E.A., Zaki, Magdi Eâ€ˆA.	Co3O4- rGOâ€ˆ”Synthesis, Characterization, and Evaluation of Photocatalytic Activities	2024	Catalysts	14	2		
1086.	R., Bibi, Rubina; M.A., Tariq, Muhammad	Demonstration of Efficient Separation,	2024	Journal of the Chemical Society of Pakistan	46	1	9	17

	Akram; R., Fatima, Rida; M.A., Butt, Mahboob Ahmad; M.R.S., Gilani, M. Rehan Shah; H.B.U., Ahmad, Hafiz Badaruddin U.; W., Ahmad, Waqar; A., Imtiaz, Ayesha; Y., Arbaz, Yasir; F.T., Zahra, Fatima T.	Surface Investigation and Thermodynamics Study of Sodium4-[(4-dimethylamino) phenyldiazenyl) Benzene Sulphonate Dye from Aqueous Solution onto Acid Activated Modified Purple Knight						
1087.	A., Rashid, Aisha; M.H., Irfan, Muhamamd Hamza; Y., Kamal, Yousaf; S., Asghar, Sajid; S.H., Khalid, Syed Haroon; G.S., Hussain, Ghulam Sabir; A.M., Alshammari, Abdulrahman Mohammed; T.H., Albekairi, Thamer H.; M.S., Alharbi, Metab S.; H., Khan, Hafeezullah	In Vitro and Biological Evaluation of Oral Fast-Disintegrating Films Containing Ranitidine HCl and Syloid® 244FP-Based Ternary Solid Dispersion of Flurbiprofen	2024	Pharmaceutics	16	2		
1088.	H., Abbas, Hira; N., Nahid, Nazia; M.S., Nawaz-Ul-Rehman, Muhammad Shah;	Assessment of Resistance Induction in Mungbean	2024	Plant Pathology Journal	40	1	59	72

	T., Shaheen, Tayyaba; S., Liaquat, Sadia	against <i>Alternaria alternata</i> through RNA Interference						
1089.	Q.T., Ain, Qurat Tul; Z.I.H., Nazli, Zill I.Huma; M., Aslam, Maryam; I., Zafar, Imran; H.I., Afridi, Hassan Imran; A., UNAR, Ahsanullah; M., Jamshaid, Muhammad; R.U., Ur-Rehman, Rizwan Ur; W., Shoukat, Waseem; H., Mouada, Hanane	Multifunctional Analysis of Banana Leaves Extracts for Dyeing Properties of Pima Cotton Fabric Using Different Mordants	2024	Natural Product Communications	19	2		
1090.	E.E., Nwanna, Esther Emem; R., Ojo, Roseline; N., Shafiq, Nusrat; A., Ali, Awais; E., Okello, Emmanuel; G., Oboh, Ganiyu	An In Silico In Vitro and In Vivo Study on the Influence of an Eggplant Fruit (<i>Solanum anguivi</i> Lam) Diet on Metabolic Dysfunction in the Sucrose-Induced Diabetic-like Fruit Fly (<i>Drosophila melanogaster</i>)	2024	Foods	13	4		
1091.	M., Vivas-Cortez, Miguel; M.Z., Javed, Muhammad	Properties and Applications of Symmetric	2024	Fractal and Fractional	8	2		

	Zakria; M.U., Awan, Muhammad Uzair; S.S., Dragomir, Silvestru Sever; A.M., Zidan, Ahmed Mohamed	Quantum Calculus						
1092.	M.S., Saddique, Muhammad Suffyan; M.T., Sultan, M. T.; S.Z., Iqbal, Shahzad Zafar; C., Bosch, Christine; S., Akhtar, Saeed; H., Raza, Hassan; N., Tariq, Naima; W., Ahmed, Waqas	Physicochemical, Rheological and Sensory Evaluation of Herbal Bread Containing Turmeric, Ginger, and Black Cumin Powder	2024	Foods	13	4		
1093.	Badrulislam; K.A., Khan, Kamal Ahmed; S., Khalil, Sangam; M.A.G., Hussain, Majid Alias Ghalib; Z., Saqib, Zafeer; J., Altaf, Javaria; R., Hadi, Rana; U., Habiba, Ume	Habitat suitability modelling of Koklass pheasant (Pucrasia macrolopha) in moist temperate forest	2024	PLOS ONE	19	45690		
1094.	S., Ali, Sharafat; Z., Ulhassan, Zaid; S., Ali, Skhawat; Z., Kaleem, Zohaib; M.A., Yousaf, Muhammad Arslan; M.S.,	Differential responses of Brassica napus cultivars to dual effects of magnesium oxide nanoparticles	2024	Environmental Science and Pollution Research	31	8	12446	12466

	Sheteiwy, Mohamed Salah; S.M., Ali, Shafaqat M.; M., Waseem, M.; S., Jalil, Sanaullah; J., Wang, Jian							
1095.	A.T., Zahra, Ama Tul; H.M.A., Shahzad, Hafiz Muhammad Aamir; A., Manzoor, Alina; J.I., Razzokov, Jamoliddin I.; Q.U.A., Asif, Qurat Ul Ain; K., Luo, Kun; G., Ren, Guogang	Structural and thermal analyses in semiconducting and metallic zigzag single-walled carbon nanotubes using molecular dynamics simulations	2024	PLOS ONE	19	45690		
1096.	S., Ali, Sharafat; Z., Ulhassan, Zaid; S., Ali, Skhawat; Z., Kaleem, Zohaib; M.A., Yousaf, Muhammad Arslan; M.S., Sheteiwy, Mohamed Salah; S.M., Ali, Shafaqat M.; M., Waseem, M.; S., Jalil, Sanaullah; J., Wang, Jian	Correction to: Differential responses of Brassica napus cultivars to dual effects of magnesium oxide nanoparticles (Environmental Science and Pollution Research, (2024), 31, 8, (12446-12466), 10.1007/s11356-024-31977-z)	2024	Environmental Science and Pollution Research	31	10	16112	

1097.	I., Khan, Imran; S.A., Awan, Samrah Afzal; M.S., Rizwan, Muhamamd Shahid; W., Huizhi, Wang; Z., Ulhassan, Zaid; W., Xie, Wen'gang	Silicon nanoparticles improved the osmolyte production, antioxidant defense system, and phytohormone regulation in <i>Elymus sibiricus</i> (L.) under drought and salt stress	2024	Environmental Science and Pollution Research	31	6	8985	8999
1098.	A., Hameed, Arruje; W., Maqsood, Waqas; A., Hameed, Amjad; M.A., Qayyum, Muhammad Abdul; T., Ahmed, Toheed; T.N., Farooq, Tahir Naveed	Chitosan nanoparticles encapsulating curcumin counteract salt- mediated ionic toxicity in wheat seedlings: an ecofriendly and sustainable approach	2024	Environmental Science and Pollution Research	31	6	8917	8929
1099.	S., Ashraf, Sana; S.R., Ahmad, Sajid Rashid; Q., Ali, Qasim; S., Ashraf, Sobia; Z., Majid, Zahra	Efficacy of plant growth- promoting rhizobacteria and novel acidified organic amendment to remediate Cd- contaminated soil	2024	Acta Physiologiae Plantarum	46	2		

		by Brassica juncea L						
1100.	A., Ahmad, Alina; S., Saleem, Sharjeel; R., Shabbir, Rizwan; B., Qamar, Beenish	Paradox mindset as an equalizer: A moderated mediated perspective on workplace ostracism	2024	PLOS ONE	19	45690		
1101.	M.S., Nawaz, Muhammad Sulaman; M.H., Saleem, Muhammad Hamzah; M.R., Khalid, Muhammad Rehan; B., Ali, Baber; S., Fahad, Shah	Nitric oxide reduces cadmium uptake in wheat (Triticum aestivum L.) by modulating growth, mineral uptake, yield attributes, and antioxidant profile	2024	Environmental Science and Pollution Research	31	6	9844	9856
1102.	M.H., Saleem, Muhammad Hamzah; A., Parveen, Abida; S., Perveen, Shagufta; N., Akhtar, Naheed; F., Abasi, Fozia; M., Ehsan, Maria; H., Ali, Habib; M.K., Okla, Mohammad Khair; I.A., Saleh, Ibrahim A.; N., Zomot, Naser	Alleviation of cadmium toxicity in pea (Pisum sativum L.) through Zn ²⁺ Lys supplementation and its effects on growth and antioxidant defense	2024	Environmental Science and Pollution Research	31	7	10594	10608

1103.	M.H., Saleem, Muhammad Hamzah; A., Parveen, Abida; S., Perveen, Shagufta; N., Akhtar, Naheed; F., Abasi, Fozia; M., Ehsan, Maria; H., Ali, Habib; M.K., Okla, Mohammad Khair; I.A., Saleh, Ibrahim A.; N., Zomot, Naser	Correction to: Alleviation of cadmium toxicity in pea (<i>Pisum sativum</i> L.) through Zn ²⁺ Lys supplementation and its effects on growth and antioxidant defense (Environmental Science and Pollution Research, (2024), 31, 7, (10594-10608), 10.1007/s11356-024-31874-5)	2024	Environmental Science and Pollution Research	31	10	16111	
1104.	M., Irfan, Muhammad; I., Siddique, Imran; M., Nazeer, Mubbashar; S., Saleem, Salman; N., Radwan, Neyara	Heat transfer analysis of single-walled carbon nanotubes in Ellis's fluid model: Comparative study of uniform and non-uniform channels	2024	Case Studies in Thermal Engineering	54			
1105.	A., Usman, Ahmed; S., Ullah, Sana; I.T., Ozturk, Ilhan Tekin; S., Sohail, Sidra; M.T., Sohail, Muhammad	Does environmental policy stringency reduce trade in energy resources?	2024	Resources Policy	89			

	Tayyab	Insights from coal, petroleum, and gas						
1106.	J., Wang, Jianfeng; U., Farooq, Umar; H.M., Waqas, Hassan M.; T., Muhammad, Taseer; S.A., Khan, Shan Ali; A.S., Hendy, A. S.; M.R., Ali, Mohamed R.	Numerical solution of entropy generation in nanofluid flow through a surface with thermal radiation applications	2024	Case Studies in Thermal Engineering	54			
1107.	K., Fatima, Kinza; U.A., Ashfaq, Usman Ali; M., Tahir Ul Qamar, Muhammad; M., Asif, Muhammad; A., Haque, Asma; M.A., Qasim, Muhammad Awais; M.A., Alamri, Mubarak A.; Z.T., Muhseen, Ziyad Tariq; F., Noor, Fatima; M., Sadaqat, Muhammad	Advanced network pharmacology and molecular docking-based mechanism study to explore the multi-target pharmacological mechanism of Cymbopogon citratus against Alzheimer's disease	2024	South African Journal of Botany	165		466	477
1108.	M.Z.U.R., Faisal, Muhammad Zia Ur Rehman; M.A., Imran, Muhammad Al; A., Haider, Ali; A., Shahzadi,	Catalytic degradation of rhodamine blue and bactericidal action of AgBr and chitosan-	2024	International Journal of Biological Macromolecules	258			

	Anum; S., Baz, Shair; A., Ul-Hamid, Anwar; H., Alhummiyany, Haya; H.S., Abd-Rabboh, Hisham S.M.; J.W., Hakami, Jabir Wali; M., Ikram, Muhammad	doped CuFe ₂ O ₄ nanostructures evidential molecular docking analysis						
1109.	M.F., Akhtar, Muhammad Furqan; A., Afzaal, Aysha; A., Saleem, Ammara; A., Roheel, Amna; M.I., Khan, Muhammad Imran; M.I., Ansari, Mohd Imran	A comprehensive review on the applications of ferrite nanoparticles in the diagnosis and treatment of breast cancer	2024	Medical Oncology	41	2		
1110.	M.U., Ijaz, Muhammad Umar; N., Ather, Nimra; A., Hamza, Ali; M.H., Almutairi, Mikhlid Hammad; U., Atique, Usman; A., Ashraf, Asma	Sinensetin mitigates polystyrene nanoplastics induced hepatotoxicity in albino rats: A biochemical and histopathological study	2024	Journal of King Saud University - Science	36	2		
1111.	F., Azmat, Faiza; M., Safdar, Mahpara; H., Ahmad, Hajra; M.R.J., Khan,	Phytochemical profile, nutritional composition of pomegranate	2024	Food Science and Nutrition	12	2	661	674

	Muhammad Rizwan Jamil; J., Abid, Junaid; M.S., Naseer, Muhammad Sadiq; S., Aggarwal, Saurabh; A., Imran, Ali; U., Khalid, Urma; S.M., Zahra, Syeda Mahvish	peel and peel extract as a potential source of nutraceutical: A comprehensive review						
1112.	M., Ikram, Muhammad; A., Haider, Ali; M.A., Imran, Muhammed Ahmad; J., Haider, Junaid; A., Ul-Hamid, Anwar; A., Shahzadi, Anum; R., Malik, Rumaisa; Kashaf-Ul-Ain; W., Nabgan, Walid; G., Nazir, Ghazanfar	Corrigendum to “Graphitic-C3N4/chitosan-doped NiO nanostructure to treat the polluted water and their bactericidal with in silico molecular docking analysis” [Int. J. Biol. Macromol. 227 (2023) 962–973, (S014181302202832X), (10.1016/j.ijbiomac.2022.11.273)]	2024	International Journal of Biological Macromolecules	258			
1113.	M., Younis, Mariam; S., Adeel, Shahid; M.Z., Haider, Muhammad Zulqurnain; R., Mia,	Enhancing silk dyeing with eco-friendly colorant extracted from Cassia fistula brown pods using	2024	Sustainable Chemistry and Pharmacy	37			

	Rony; M.A., Imran, Muhammad Ali	green mordants						
1114.	A.H., Hannan Khan, Abdul Hannan; S., Altaf, Sawaira; N., Rasool, Nasir; A., Mubarik, Adeel; M.N., Ahmad, Matloob N.; S.A.A., Shah, Syed Adnan Ali; S.I.A., Bakar, Syahrul Imran Abu; M.A., Bajaber, Majed A.	The role of commonly used transition metals in total synthesis of indole alkaloids	2024	Arabian Journal of Chemistry	17	2		
1115.	M.U., Ijaz, Muhammad Umar; M., Muzammil Sultan, Muhammad; M., Batool, Moazama; A., Ashraf, Asma; M.H., Almutairi, Mikhlid Hammad; A., Ishtiaq, Ayesha	Protective effects of nobiletin against metabolic and reproductive disturbance in letrozole induced polycystic ovarian syndrome in rats	2024	Journal of King Saud University - Science	36	2		
1116.	M.H., Aftab, Muhammad Haroon; T., Ahmad, Tanvir; S., Adeel, Shahid; M., Javed, Maria	Ecofriendly process optimization of natural dye extraction from clove (<i>Syzygium aromaticum</i> L.) using response surface methodology and	2024	Sustainable Chemistry and Pharmacy	37			

		artificial neural network modeling						
1117.	Y., Bilal, Yasir; T., Sarwar, Tauseef; E., Mazhar, Etisam; F., Mahmood, Faisal; T., Shahzad, Tanvir; D.A.A.L., Al-Farraj, Dunia Abdulaziz A.L.; I., Alzaidi, Inshad; M.S., Elshikh, Mohamed Soliman; T., Chen, Tsewei; S., Hussain, Sabir	Reduction in phytotoxicity of a textile wastewater against Vigna radiata using Citrobacter sp. M41 in a bioaugmented packed bed column bioreactor	2024	Journal of King Saud University - Science	36	2		
1118.	M.I.m., Abdullah, Muhammad I.mran; P., John, Peter; K., Jabbour, Karam; M.I., Ahmad, Muhammad Ishfaq; S., Khan, Shahzaib; M.S., Waheed, Muhammad Suleman; M.D., Albaqami, Munirah D.; M.C., Sheikh, Md Chanmiya; M.F., Ehsan, Muhammad Fahad; M.N., Naeem Ashiq, Muhammad	Improvement in capacitive performance of ZnS with MnO2 via composite (ZnS/MnO2) strategy developed by hydrothermal technique	2024	Journal of Energy Storage	78			

	Naeem							
1119.	K.T., Rashid, Khawaja Taimoor; N., Akram, Nadia; K.M., Zia, Khalid Mahmood; M., Usman, Muhammad; T., Munawar, Tanzeel	Novel enrichment in biobased monomers of waterborne polyurethane dispersions as a textile finishing agent for poly-cotton fabrics	2024	International Journal of Biological Macromolecules	257			
1120.	M., Arfan, Muhammad; N., Khaleel, Naila; A., Ghaffar, Abdul; F., Razzaz, Farooq; S.M., Saeed, Saud M.; T.M., Alanazi, T. M.	Hermiteâ€™Gauss ian beam scattering by a PEMC sphere	2024	Optical and Quantum Electronics	56	2		
1121.	M.A., Zahoor, Muhammad Asif; M.Z., Nawaz, Muhammad Zeeshan; A., Jamil, Arslan; A., Yasmin, Aysha; M.M., Alagawany, Mahmoud Mohamed; S.I., Othman, Sarah I.; A.A., Allam, Ahmed A.; N.A., El-Shall, Nahed A.	Determining the prevalence and genetic diversity of plasmid-mediated sulfonamide resistance in Escherichia coli from commercial broiler samples	2024	Poultry Science	103	2		
1122.	M., Razzaq, Maleeha; N.A.,	Alleviation of chromium	2024	Arabian Journal of Chemistry	17	2		

	Akram, Nudrat Aisha; Y., Chen, Yinglong; M., Shahzad Samdani, Mohammad; P., Ahmad, Parvaiz	toxicity by trehalose supplementation in Zea mays through regulating plant biochemistry and metal uptake						
1123.	M., Bilal, Muhammad; S.M., Alay-E-Abbas, Syed Muhammad; G., Abbas, Ghulam; F., Javed, Farrukh; W., Zulfiqar, Waqas; N., Amin, Nasir	Elucidating the Surface Properties of Sr3PbO Inverse-Perovskite Topological Insulator: A First-Principles Study	2024	Physica Status Solidi (B): Basic Research	261	2		
1124.	N., Nazar, Nimra; M.H., Mehmood, Malik Hassan; R., Siddique, Rida; M.N., Faisal, Muhammad Naeem	Assessment of antiarthritic potential of Asparagus dumosus using formaldehyde and CFA-induced arthritic models in rats via modulation of oxidative stress biomarkers and mRNA expression of IL-1b, IL-6, RANKL, OPG, TNF- α and COX-2	2024	Inflammopharmacology	32	1	825	847
1125.	N., Akram, Noor; Z., Faisal, Zargham;	Exploring the serotonin-	2024	Food Science and Nutrition	12	2	694	706

	R., Irfan, Rushba; Y.A., Shah, Yasir Abbas; S.A., Batool, Syeda Ayesha; T., Zahid, Toobaa; A., Zulfiqar, Aqsa; A., Fatima, Areeja; Q., Jahan, Qudsia; H., Tariq, Hira	probiotics-gut health axis: A review of current evidence and potential mechanisms						
1126.	X., Zhang, Xiaofeng; M.S., Javed, M. S.; S., Ali, Salamat; A.I., Ahmad, Awais I.; S.S.A., Shah, Syed Shoaib Ahmad; I., Hussain, Iftikhar; D., Choi, Dongwhi; A.M., TIGHEZZA, Ammar M.; E.S., M Tag El Din, El Sayed; C., Xia, Changlei	Band engineering in Ti2N/Ti3C2Tx-MXene interface enhance the performance of aqueous NH4+-ion hybrid supercapacitors	2024	Nano Energy	120			
1127.	M., Bashir, Marwa; S., Adeel, Shahid; M.H., Aftab, Muhammad Haroon; R., Mia, Rony; M.A., Imran, Muhammad Ali	Microwave-assisted cleaner extraction of tannin from Terminalia chebula: A promising green method for sustainable leather dyeing	2024	Sustainable Chemistry and Pharmacy	37			
1128.	A.E., Noor, Arsh E.;	Health risks	2024	Environmental Research	242			

	R., Fatima, Raqash; S., Aslam, Sadia; A., Hussain, Afzal; Z.U., Nisa, Zaib Un; M., Khan, Mariam; A.A.A., Mohammed, Abdallah A.A.; M.A., Sillanpöör, Mika A.	assessment and source admeasurement of potentially dangerous heavy metals (Cu, Fe, and Ni) in rapidly growing urban settlement						
1129.	M., Ikram, Muhammad; A., Munawar, Anam; A.A., Kalyar, Amina Akbar; N.A., Shad, Naveed Akhtar; M.A., Imran, Muhammad Ali	Ruthenium decorated V@WO3 nanocomposites heterostructures for selective detection of sulfonamide in honey samples	2024	Journal of Food Composition and Analysis	126			
1130.	M.T., Aqeel, Muhamamd Tahir; N., Khalid, Noreen; A., Noman, Ali; J., Ran, Jinzhi; A., Manan, Abdul; Q., Hou, Qingqing; L., Dong, Longwei; Y., Sun, Ying; Y., Deng, Yan; S., Lee, Sang-soo	Interplay between edaphic and climatic factors unravels plant and microbial diversity along an altitudinal gradient	2024	Environmental Research	242			
1131.	M.H., Ali, Muhammad Haider; Z., Malik, Zaffar; G.H.,	Potential of melatonin in enhancing antioxidant	2024	Scientia Horticulturae	325			

	Abbasi, Ghulam Hassan; M.I., Irfan, Muhammad Imran; S., Ahmad, Salman; M.T., Ameen, Muhammad Tahir; A., Ali, Ahmad; M., Sohaib, Muhammad; M.S., Rizwan, Muhamamd Shahid; S.M., Ali, Shafaqat M.	defense system and yield of maize (Zea mays L.) hybrids under saline condition						
1132.	M.F., Umer, Muhammad Fahad; M.U., Mehr-un-Nisa, Mahrun Un; N., Ahmad, Nazir; M.A., Rahim, Muhammad Abdul; L.M., Kasankala, Ladislaus Manaku	Quantification of quercetin from red onion (Allium cepa L.) powder via high-performance liquid chromatography-ultraviolet (HPLC-UV) and its effect on hyperuricemia in male healthy Wistar albino rats	2024	Food Science and Nutrition	12	2	1067	1081
1133.	Z., Maqbool, Zahra; W., Khalid, Waseem; Mahum; A., Khan, Anosha; M., Azmat, Maliha; A., Sehrish, Aqeela; S., Zia, Sania; H., Koraqi, Hyrije;	Cereal sprout-based food products: Industrial application, novel extraction, consumer acceptance,	2024	Food Science and Nutrition	12	2	707	721

	A.M.H., Al-Farga, Ammar Mohammed Hamood; F.M.S., Aqlan, Faisal Mohammed S.	antioxidant potential, sensory evaluation, and health perspective						
1134.	U., Noor, Umar; M.F., Farid, Muhammad Fayyaz; A., Sharif, Ammara; A., Saleem, Amna; Z., Nabi, Zubair; M.F., Mughal, Muhammad Furqan; K., Abbas, Kiran; T., Ahmed, Toheed	Functionalized carbon 1D/2D nanomaterials for effective water desalination: Synthesis, applications and cost issues. An overview	2024	Desalination	571			
1135.	F.U., Rehman, Fazal Ur; N.P., Paker, Najeeba Parre; S.U., Rehman, S. Ur; M.T., Javed, Muhammad Tariq; M., Farooq Hussain Munis, Muhammad; H.J., Chaudhary, Hassan Javed	Zinc oxide nanoparticles: biogenesis and applications against phytopathogens	2024	Journal of Plant Pathology	106	1	45	65
1136.	S.A., Tahir, Sofia Akbar; R., Saeed, Rabia; A., Ashfaq, Arslan; A., Ali, Adnan; K.,	Optical modeling and characterization of bifacial SiNx/AlOx	2024	Progress in Photovoltaics: Research and Applications	32	2	63	72

	Mehmood, Kashif; N.M., Almousa, Nouf M.; E.A., Shokralla, Elsammani Ali; R.R., Macadangdang, R. R.; A.H., Soeriyadi, Anastasia H.; R.S., Bonilla, Ruy Sebasti��n	dielectric layers for surface passivation and antireflection in PERC						
1137.	H., Iqbal, Humaira; N., Jahan, Nazish; S., Ali, Shaukat; H.M.A., Shahzad, Hafiz Muhammad Aamir; R., Iqbal, Rashda	Formulation of Moringa oleifera nanobiopesticides and their evaluation against Tribolium castaneum and Rhyzopertha dominica	2024	Journal of Plant Diseases and Protection	131	1	133	142
1138.	S., Khan, Shahzaib; M., Usman, Muhammad; M.I.m., Abdullah, Muhammad I.mran; M., Suleman Waheed, Muhammad; M., Faheem Ashiq, Muhammad; M., Ishfaq Ahmad, Muhammad; A.M., Karami, Abdulnasser	Facile synthesis of CuAl ₂ O ₄ /rGO nanocomposite via the hydrothermal method for supercapacitor applications	2024	Fuel	357			

	Mahmoud; M., Fahad Ehsan, Muhammad; S., Manzoor, Sumaira; M.N., Naeem Ashiq, Muhammad Naeem							
1139.	F., Mubaraka, F.; H., Rafique, Hummera; J., Najeeb, Jawayria; S., Akram, Sadia; H.S., Munir, Hira S.; S., Naeem, Sumaira; N., Kausar, Naghmana; N., Ashraf, Naveed	Synthesis of amino acids- functionalized iron oxide nanoparticles for response surface methodology- based statistical optimization of photocatalytic degradation of methylene blue	2024	International Journal of Environmental Science and Technology	21	3	2489	2504
1140.	M.F., Rehan, Muhammad Farooq; K., Abbass, Kashif; Y., Hussain, Yasir; M., Usman, Muhammad; M.S.A., Makhdum, Muhammad Sohail Amjad	Green human resource management in Pakistan tourism industry: Moderating role of environmental knowledge and individual green values	2024	International Journal of Environmental Science and Technology	21	3	2505	2516
1141.	S.H., Bhatti, Sajjad Haider; M., Irfan, Muhammad; M., Azeem, Muhammad; M.,	Some modified estimators for efficient estimation of power function	2024	Quality and Reliability Engineering International	40	1	550	560

	Javed, Maria; M.A., Raza, Muhammad Ali	model						
1142.	M.S., Bashir, Muhammad Shahid; S., Khushnood, Shahab; L.A., Nizam, Luqman Ahmad; M.Y., Javaid, Muhammad Yasar; M., Usman, Muhammad; M.M., Rashid, Muhammad Mohsin	Fretting Wear Analysis of Flexible Vibrating Tube Interacting with the Support Plate in Low-Speed Water Tunnel	2024	Journal of Vibration Engineering and Technologies	12	2	2409	2424
1143.	I., Mushtaque, Iqra; M., Rizwan, Muhammad; M., Abbas, Mazhar; A.A., Khan, Azhar Abbas; S.M., Fatima, Syeda Manal; Q.A., Jaffri, Qaiser Abbas; R., Mushtaq, Rakhshanda; S., Hussain, Siraj; S.W., Shabbir, Syed Waqas; R., Naz, Rozina	Inter-Parental Conflict's Persistent Effects on Adolescent Psychological Distress, Adjustment Issues, and Suicidal Ideation During the COVID-19 Lockdown	2024	Omega: Journal of Death and Dying	88	3	919	935
1144.	U., Shahazidy, Uzma; M.A., Jamal, Muhammad	Physicochemical and sweetness behavior of	2024	Food Chemistry	432			

	Asghar; B., Naseem, Bushra; H., Asghar, Humaira	kosmotropic and chaotropic ions in aqueous solutions of polyhydroxy compound						
1145.	B., Shakoor, Bushra; N., Yaqoob, Nazia; N., Shafiq, Nusrat; Y.A., Bin Jardan, Yousef A.; H.A., Nafidi, Hiba Allah; M., Bourhia, Mohamed	In Silico ADME/Tox Profiling of Mushroom Secondary Metabolites	2024	ChemistrySelect	9	4		
1146.	W.A., Gill, Waqas Amber; N.S.M., Alhokbany, Norah Saad M.; M.R.S.A., Janjua, Muhammad Ramzan Saeed Ashraf	Adsorption of molecular hydrogen on Be ₃ Al ₂ (SiO ₃) ₆ - beryl: theoretical insights for catalysis, hydrogen storage, gas separation, sensing, and environmental applications	2024	RSC Advances	14	6	3782	3789
1147.	S., Mujtaba, Sara; I., Bibi, Ismat; F., Majid, Farzana; A., Dahshan, A.; S., Kamal, Shagufta; K., Jilani, Kashif; S.,	Optical, dielectric and photocatalytic properties of Ag- doped Sr _{1-x} Ag _x Fe ₁₂ O ₁₉	2024	Journal of Alloys and Compounds	972			

	Nouren, Shazia; J.A., Rahman, Jameel A.; F.M.A., Alzahrani, Fatimah Mohammed A.; N.S., Alsaiani, Norah Salem	19 and CV dye degradation under visible light irradiation						
1148.	M., Rashid, Maryam; N., Sajjad, Neha; N., Shafiq, Nusrat; S., Parveen, Shagufta; R.A., Khan, Rashid Ahmad; A., Farooq, Ariba; M., Shaha, Muhammad; T.M.S., Dawoud, Turki Mohammed S.; S., Brogi, Simone; M., Bourhia, Mohamed	Multi-Technique Approach to Identify Potent Antimicrobial Agents from Calotropis procera: Insight into Pharmacophore Modeling, Molecular docking, MD simulation, and DFT Approaches	2024	ChemistrySelect	9	3		
1149.	S., Munawar, Saba; A.F., Zahoor, Ameer Fawad; A., Mansha, Asim; T.H., Bokhari, Tanveer Hussain; A., Irfan, Ahmad	Update on novel synthetic approaches towards the construction of carbazole nuclei: a review	2024	RSC Advances	14	5	2929	2946
1150.	M., Zia, Mehreen; S., Parveen, Shagufta; N., Shafiq, Nusrat; M., Rashid, Maryam; A., Farooq, Ariba;	Exploring Citrus sinensis Phytochemicals as Potential Inhibitors for Breast Cancer	2024	ACS Omega	9	2	2161	2182

	M., Dauelbait, Musaab; M.R., Shahab, Muhammad Rehan; A.M., Salamatullah, Ahmad Mohammad; S., Brogi, Simone; M., Bourhia, Mohamed	Genes BRCA1 and BRCA2 Using Pharmacophore Modeling, Molecular Docking, MD Simulations, and DFT Analysis						
1151.	S., Shaheen, Sadia; S., Zulfiqar, Sehar; B., Ahmad, Bashir; M., Ahmad-Ur-Rehman, Muhammad	Fear of COVID-19 and employee engagement: does emotional stability matter?	2024	International Journal of Emerging Markets	19	1	231	248
1152.	S., Munawar, Saba; A.F., Zahoor, Ameer Fawad; S.M., Hussain, Syed Makhdoom; S.U., Ahmad, Sajjad U.; A., Mansha, Asim; B., Parveen, Bushra; K.G., Ali, Kulsoom Ghulam; A., Irfan, Ahmad	Steglich esterification: A versatile synthetic approach toward the synthesis of natural products, their analogues/derivatives	2024	Heliyon	10	1		
1153.	F., Hannan, Fakhir; M.U., Iqbal, Muhammad Usman; F., Islam, Faisal; M.A., Farooq, Muhammamd A.;	Remediation of Cd-polluted soil, improving Brassica napus L. growth and soil health with Hardystonite	2024	Journal of Cleaner Production	437			

	M.B., Shakoor, Muhammad Bilal; A., Ayyaz, Ahsan; M.S.S., Khan, Muhammad Saad Shoaib; J., Li, Juanjuan; Q., Huang, Qian; W., Zhou, Weijun	synthesized with zeolite, limestone, and green Zinc oxide nanoparticles						
1154.	S.A.A., Naqvi, Syed Ali Asad; M., Sajjad, Muhammad; A., Tariq, Aqil; L.A., Waseem, Liaqat Ali; S., Karupppannan, Shankar; A.U., Rehman, Adnanul Ul; M., Hassan, Mujtaba; S.A., Al Ahmadi, Saad A.; W.A., Hatamleh, Wesam Atef	Societal knowledge, attitude, and practices towards dengue and associated factors in epidemic-hit areas: Geoinformation assisted empirical evidence	2024	Heliyon	10	1		
1155.	A., Yusaf, Amnah; M., Usman, Muhammad; A., Mansha, Asim; M.N., Ahmad, Matloob N.; S., Khan, Salahuddin; S., Pervaiz, Sana; I., Khan, Imran; S., Shaukat, Saadia	Spectroscopic insights for the enhanced partitioning and removal of Reactive Violet 5 by mixed micellar formulations under optimized conditions: An	2024	Journal of Molecular Liquids	394			

		ionic-nonionic mechanistic approach						
1156.	M.A., Muzzafar, Muzzammal Ahmed; S.W., Ali, Shinawar Waseem; M.A., Iqbal, Munawar Aqeel; M., Saeed, Maryam; M., Ahmad, Mateen; M.R., Tariq, Muhammad Rizwan; A.M., Yusuf, Abdikhaliq Mursal; A., Murtaza, Ayesha; A., Ahmed, Aftab; S., Yaqub, Shazia	Comparative evaluation of ethylene oxide, electron beam and gamma irradiation treatments on commonly cultivated red chilli cultivars (Kunri and Hybrid) of Sindh, Pakistan	2024	Heliyon	10	1		
1157.	K.M., Alwutayd, Khairiah Mubarak; S.M., Alghanem, Suliman Mohammed; R., Alwutayd, Rahaf; S.A., Alghamdi, Sameera Abdullah; N.M., Alabdallah, Nadiyah M.; R.N., Al-Qthanin, Rahmah N.; W., Sarfraz, Wajiha; N., Khalid, Noreen; N.,	Mitigating chromium toxicity in rice (Oryza sativa L.) via ABA and 6-BAP: Unveiling synergistic benefits on morphophysiological traits and ASA-GSH cycle	2024	Science of the Total Environment	908			

	Naeem, Nayab; B., Ali, Baber							
1158.	T., Mubashir, Tayyaba; M.H., Tahir, Mudassir Hussain; Z., Shafiq, Zunaira; A.Z., Dewidar, Ahmed Zakaria; H.O., El-Ansary, Hosam O.; M.R.S.A., Janjua, Muhammad Ramzan Saeed Ashraf	An efficient framework to design near-IR monomers for polymer solar cells with the help of machine learning, virtual screening and chemical space visualization	2024	Journal of Photochemistry and Photobiology A: Chemistry	447			
1159.	A., Naman, Abdul; H., Tahseen, Hira; H., Nawaz, Haq; M.I., Majeed, Muhammad Irfan; A., Ali, Aamir; A., Haque, Asma; M.U., Akbar, Muhammad Umair; N., Mehmood, Nasir; N., Rashid, Nosheen; S., Nadeem, Sana	Surface-enhanced Raman spectroscopy for characterization of supernatant samples of biofilm forming bacterial strains	2024	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	305			
1160.	R., Riaz, Rabia; S., Parveen, Shagufta; M., Rashid, Maryam; N., Shafiq, Nusrat	Combined Experimental and Theoretical Insights: Spectroscopic and Molecular	2024	ACS Omega	9	1	730	740

		Investigation of Polyphenols from <i>Fagonia indica</i> via DFT, UV-vis, and FT-IR Approaches						
1161.	Z., Nazeer, Zarish; I., Bibi, Ismat; F., Majid, Farzana; S., Kamal, Shagufta; N.M., Alwadai, Norah Muhammad; M.I., Arshad, Muhammad Imran; A., Ali, Adnan; S., Nouren, Shazia; M.M., Al Huwayz, Maryam M.; M.A., Iqbal, Munawar Aqeel	Optical, Dielectric, Magnetic, Photocatalytic, and Antibacterial Properties of Ga-Doped BiGaxFe1-xO3 Synthesized by the Microemulsion Approach	2024	ACS Omega	9	1	545	558
1162.	M.A., Afzal, Muhammad Amin; R., Noreen, Razia; N., Aslam, Nosheen; M.M., Alam, Mohammad Mahtab; M.A., Momenah, Maha Abdullah	Novel Noninvasive Serum Biomarkers for Prompt Diagnosis of Breast Carcinoma	2024	ACS Omega	9	1	1174	1182
1163.	T., Gulzar, Tahsin; S., Kiran, Shumaila; T.N., Farooq, Tahir Naveed; S., Javed, Sadia; N., Aslam,	Recent trends in UV protection materials for textile functionalization	2024				244	258

	Nosheen; A., Rasool, Atizaz; I., Bismillah, Iqra	applications						
1164.	W.A., Gill, Waqas Amber; M.T., Aziz, Muhammad Tariq; H.W., Darwish, Hany W.; M.R.S.A., Janjua, Muhammad Ramzan Saeed Ashraf	Exploring HCl-HCl interactions: QZVPP calculations, improved Lennard-Jones potential, and second virial coefficient analysis for thermodynamics and industrial applications	2024	RSC Advances	14	3	1890	1901
1165.	M.A., Afzal, Muhammad Awais; M.U., Khan, Muhammad Usman; M.U., Alvi, Muhammad Usman; J., Yaqoob, Junaaid; N.S.M., Alhokbany, Norah Saad M.; S., Ahmed, Saeed; M.R.S.A., Janjua, Muhammad Ramzan Saeed Ashraf	Exploring novel naphthalene- fused octacyclic core-based non- fullerene acceptor materials with augmented optoelectronic attributes for stable and efficient solar cells	2024	Journal of Molecular Structure	1295			
1166.	N., Akram, Nadia; M.A.H., Shahbaz, Muhammad Ali	Investigation of the in vitro biological	2024	RSC Advances	14	2	779	793

	Hamza; K.M., Zia, Khalid Mahmood; M., Usman, Muhammad; A.M., Ali, Akbar M.; R.A., Al-Salahi, Rashad A.; H.A., Abuelizz, Hatem A.; C., Delattre, CÃ©dric	activities of polyethylene glycol-based thermally stable polyurethane elastomers						
1167.	M.A.Z.G., Sial, Muhammad Aurang Zeb Gul; M., Mateen, Muhammad; R., Naz, Raheela; M., Abbas, Muhammad; N., Abbas, Nadeem; S.H., Talib, Shamraiz Hussain; M.R.S.A., Janjua, Muhammad Ramzan Saeed Ashraf; M.T., Qamar, Mohammad Tariq	Alloying platinum single atoms with nickel iron nanoalloys for high performance hydrogen evolution reaction	2024	International Journal of Hydrogen Energy	51		540	549
1168.	S., Parveen, Sajida; K.U.R., Khan, Kashif Ur Rehman; S.M., Iqbal, Shahid Muhammad; H.Y., Aati, Hanan Y.; A.M., Al-Taweel, Areej Mohammad;	Exploration of the anti-inflammatory potential of Polygonum bistorta L.: protection against LPS-	2024	Frontiers in Pharmacology	15			

	L., Hussain, Liaqat; M., Hussain, Musaddique	induced acute lung injury in rats via NF- κ B pathway inhibition						
1169.	S., Rasheed, Saad; D., Hussain, Dilbar; U., Saleem, Usama; M., Usman, Muhammad; Z., Javed, Zeeshan; S., Irshad, Saqlain; M.A., Imran, Muhammad Asif; U., Bilal, Usama; S.M., Hussain, Saddam M.; R., Ali, Rashid	Efficacy of Conventional Insecticides in Comparison with Indigenous Plant Extracts Against Sucking Insect Pests of Sunflower	2024	Pakistan Journal of Agricultural Research	37	4	403	410
1170.	M.A., Imran., Muhammad Asjad; R., Zia, Ramna; M.A., Fareed, Muhammad Aqib; B., Javed, Benish; A., Ahsan, Ali; K., Jalil, Kiran; M.U., Khan, Muhammad Umer; H.S., Chaudhry, Hassan Shabbir; M.S., Fareed, Muhammad Subaan; M., Muddassir,	Exploring the relationship between ABO blood groups and vulnerability to different diseases	2024	Asian Journal of Agriculture and Biology	2024	4		

	Muhammad							
1171.	M.A., Waheed, Muhammad Abdul; F., Adil, Fatima; B., Maryam, Barrah; F., Shammass, Faria	Seaweed: A Multifaceted Marvel Driving Global Sustainability and Environmental Health; Ù,,Ø£Ø¹Ø´Ø§Ø´ Ø§Ù,,Ø´Ø- Ø±Ù§Ø©: Ø£Ø¹Ø-Ù´Ø´Ø© Ù...Ø³Ø¹Ø´Ø´Ø© Ø§Ù,,Ø£Ù´Ø-Ù‡ Ø³Ø´ÙØ¹ Ø¹Ø-Ù,,Ø© Ø§Ù,,Ø§Ø³Ø³Ø´Ø-Ø §Ù...Ø© Ø§Ù,,Ø¹Ø§Ù,,Ù... Ù§Ø© Ù´Ø§Ù,,ØµØØØ© Ø§Ù,,Ø´Ù§Ø¹Ù§ Ø©	2024	Journal of King Abdulaziz University, Marine Science	34	2	95	113
1172.	M., Aslam, Manan; Z., Li, Zhiwen; M.K., Naeem, Muhammad Khalid; A.A., Al-Ghamdi, Abdullah Ahmed; S., Ahmad, Shabir; K., Alisher, Khujanov; A., Rapat, Aymuratov; A.S., Ozodbek,	UNDERSTANDING THE ADOPTION AND IMPACT OF INFORMATION AND COMMUNICATION TECHNOLOGIES ON CLIMATE CHANGE AWARENESS: EVIDENCE FROM	2024	Agrociencia	58	8	1013	1022

	Abduraimov Sultankulovich	UNIVERSITY GRADUATES IN PAKISTAN						
1173.	A., Riaz, Adil; M., Al-Okaily, Manaf; A., Sohail, Aamir; K., Ashfaq, Khurram; S.U., Rehman, Shafique Ur	Green human resource management and sustainable performance: serial mediating role of green knowledge management and green innovation	2024	Global Knowledge, Memory and Communication				
1174.	R., Tabassam, Rohina; S., Ahmad, Shoaib; A., Khan Sehrish, Adiba; A., Ahmad, Azeem; S.O., Alomrani, Sarah Owdah; A., Ghafoor, Abdul; T., Akram, Tahira; M.A., Alshehri, Mohammed Ali; S., Noor, Sumaira; S., Ali, Shafaqat	Optimization of exogenous CeO2 nanoparticles on Pak choi (Brassica rapa L. var. chinensis) to alleviate arsenic stress	2024	Frontiers in Plant Science	15			
1175.	A.M., Mahmood Taher, Ali M.; L.S., Jasim, Layth Sameer; Z., Mehmood, Zahid; M.D., Zawar, Muhammad Danish; M.N.,	Applications of Nano Composites for Heavy Metal Removal from Water by Adsorption: Mini Review	2024	Journal of Nanostructures	14	4	1239	1251

	Haider, Muhammad Nouman; M., Batool, Maryam							
1176.	M., Shafiq, Muzammal; M., Waseem, Muhammad; Y., Majeed, Yaqoob; M.A., Khalid, Muhammad Arslan; T., Nadeem, Tayyaba; M.B., Rebezov, Maksim Borisovich; M., Khairullin, Mars; O., Sarsembenova, Orynzhamal	Development and quality cum nutritional assessment based on physical properties for corn extruded snacks enriched with protein and carbohydrates: A remedy to malnutrition for society	2024	Potravinarstvo Slovak Journal of Food Sciences	18		633	653
1177.	S., Haider, Shamsheir; F., Haq, Fazlul; B.G., Mark, Bryan Greenwood	Analyzing Precipitation Trends in the Cholistan Desert, Pakistan: A Statistical and GIS-Based Study	2024	Geographica Pannonica	28	4	294	311
1178.	S., Sheikh, Samia; Z., Saleem, Zikria; S., Afzal, Shairyar; M.U., Qamar, Muhammad Usman; A.A., Raza, Ali Abuzar; S.Z., Haider Naqvi, Syed Zeeshan; M.B.A.,	Identifying targets for antibiotic stewardship interventions in pediatric patients in Punjab, Pakistan: point prevalence	2024	Frontiers in Pediatrics	12			

	AL-Rawi, Mahmood Basil A.; B.B., Godman, Brian Barr	surveys using AWaRe guidance						
1179.	A., Munir, Arslan; A., Qayyum, Ather; H., Budak, HÃ"Useyin; I., Faiz, Irza; H., Kara, Hasan; S.S., Supadi, Siti Suzlin	A study of Milne- type inequalities for several convex function classes with applications	2024	Filomat	38	32	1153 9	11551
1180.	M.N., Nawaz Kalyar, Masood Nawaz; A., PierÅcieniak, Agata; M., Shafique, Muhammad	Leveraging green innovation from big data analytics: Examining the role of resource orchestration and green dynamic capabilities	2024	Journal of Entrepreneurship, Management and Innovation	20	4	73	87
1181.	S., Abdullah, Sabahat; M.A., Mushtaq, Muhammad Ahmad; K., Ullah, Kalim; B., Hassan, Brekhnna; M., Azam, Mariya; M.A., Zahoor, Muhammad Asif; J., Wang, Juan; J., Xu, Jianzhen; M.A., Toleman, Mark A.; M., Mohsin,	Dissemination of clinical Escherichia coli harboring the mcr-1 gene in Pakistan	2024	Frontiers in Microbiology	15			

	Mashkoor							
1182.	N.F., Attia, Nour F.; R., Shoaib, Rabbia; I., Ul Islam, Izaz; S.E., Elashery, Sally E.A.; H.A.E.M., Ameen, Heba Abed El Meged	2D Metal Chalcogenides Gas Chemical Sensors	2024				56	79
1183.	M.Z., Shakir, Muhammad Zulqarnain; F., Rizvi, Farzana; F., Masoud, Faisal; A., Rafique, Azhar; M.W., Usmani, Muhammad Wasim; M.N., Naseem, Muhammad Noman; M.M., Usman, Mirza Muhammad	Seroprevalence, Molecular Confirmation and Application of Bacteriophage as A Potential Prophylactic Therapy Against Fowl Typhoid Disease in Commercial Poultry Birds	2024	Pakistan Veterinary Journal	44	4	1185	1192
1184.	M.A., Saleem, Muhammad Awais; A., Ahmed, Aftab; N., Ahmad, Nazir; A., Rashid, Abid; M.S., Afzaal, Muhammad Sohail	Cordyceps militaris (CM) Mushroom Powder Ameliorates Diet-Induced Hyperlipidemia in Albino Rats	2024	Pakistan Veterinary Journal	44	4	1275	1283
1185.	S., Satti, Sania; S., Naz, Shabana; F., Asad, Farkhanda; A., Ashraf, Asma	Comparative Effects of Selenium Sources and	2024	Pakistan Veterinary Journal	44	4	1013	1022

		Concentrations on Growth, Nutrient Absorption and Biochemistry in Japanese Quails						
1186.	S., Javed, Sadia; S., Saleem, Samaria; A., Siddiqua, Ayesha; S., Kiran, Shumaila; S.U., Abrar, Shazia U.	Role of PGPR for Cadmium Stress Alleviation	2024	Environmental Science and Engineering	Part F3968		475	496
1187.	S., Hussain, Samavia; A., Nadeem, Arif; R., Khawar, Rabia	DEVELOPMENT AND VALIDATION OF THE SILVER LINING SCALE FOR YOUNG ADULTS IN PAKISTAN	2024	TPM - Testing, Psychometrics, Methodology in Applied Psychology	31	4	609	629
1188.	M., Vivas-Cortez, Miguel; U., Asif, Usama; M.Z., Javed, Muhammad Zakria; M.U., Awan, Muhammad Uzair; Y., Almalki, Yahya; O.M., Alsalami, Omar Mutab	A new approach to error inequalities: From Euler-Maclaurin bounds to cubically convergent algorithm	2024	AIMS Mathematics	9	12	3588 5	35909
1189.	S., Ahmed, Shakeel; S., Adeel, Shahid	Preface	2024	Engineering Materials	2024		v	vi
1190.	S., Ali, Shaukat; A., Rasul, Akhtar; P.A., Shah, Pervaiz	Green synthesis of antipathogenic particles by	2024	Journal of Industrial Textiles	54			

	Akhtar; M.B.A., AL-Rawi, Mahmood Basil A.; M., Naseem, Misbah	utilizing the citrus plant waste and their application in medicated fabrics						
1191.	M., Muneer, Majid; F., Urrehman, Fazal; M.A., Saeed, Muhammad Athar; M.A., Jamal, Muhammad Asghar; H., Sabir, Hanan; Z., Azeem, Zoha	Nanoscale Textile Coatings for Enhanced Performance	2024	Engineering Materials	2024		13	30
1192.	N., Aslam, Nayab; S., Liu, Shuyun; S., He, Shudong; X., Cao, Xiaodong; Y., Ma, Youshui; S.S., Al-Dalali, Sam S.; I., Aslam, Iman; H., Sun, Hanju	Effect of molecular weight distribution of sesame meal hydrolysates on the flavor profile of cysteine Maillard reaction products	2024	Journal of Food Science and Technology				
1193.	F., Tariq, Farwa; M.U., Islam, Mujahid Ul; T., Tariq, Tayyaba; M.Y., Ashraf, Muhammad Yasin; A., Sameen, Ayesha; H., Jan, Hamza; S., Munir, Seemal; M.T., Mohyuddin,	Probing Hepatoprotective Potential of Camel Milk on Sodium Arsenite Induced Liver Damage in Sprague Dawley Rats	2024	Pakistan Journal of Agricultural Sciences	61	4	1036	1044

	Muhammad Tahir; S.M., Hassan, Syed Meesam							
1194.	S., Kiran, Shumaila; A., Amjad, Azqa; M.U., Ijaz, Muhammad Umar; A., Rafique, Azhar; B., Munir, Bushra; M., Rasool, Mariam	Impact of Nanotechnology in Separation of Plant Colorants and Their Appliance for Wastewater Remediation	2024	Engineering Materials	2024		291	315
1195.	U., Saleem, Usama; M., Asrar, Muhammad; F., Jabeen, Farhat; S.M., Hussain, Syed Makhdoom	Evaluation of Silicon Impacts on Spodoptera frugiperda (Lepidoptera: Noctuidae) Larvae for Sustainable Management	2024	Pakistan Journal of Agricultural Sciences	61	4	1084	1091
1196.	M.Z., Yousaf, M. Zain; M.A., Abbas, Muhammad Ali; A.A., LupaÅŸ, Alina Alb; F.A., Abdullah, F. A.; M.K., Iqbal, Muhammad Kashif; M.R., Alharthi, Meteub R.; Y.S., Hamed, Y. S.	Propagation of optical spatial solitons in nematic liquid crystals with quadruple power law of nonlinearity appears in fluid mechanics	2024	Open Physics	22	1		
1197.	S., Nikmehr, Sobheh; H., Etesami, Hassan; M., Rizwan,	Improving soil fertility and moisture with organic	2024				333	364

	Muhmmad	amendments in arid regions						
1198.	A., Mushtaq, Aqsa; M.A., Irfan, Muhammad Abeer; A., ul Haq, Atta; A., Mansha, Asim; S.G., Khan, Samreen Gul; A.F., Zahoor, Ameer Fawad; B., Parveen, Bushra; A., Irfan, Ali; K., Kotwica-Mojzych, Katarzyna; M., Glowacka, Mariola	Novel transition metal-free synthetic protocols toward the construction of 2,3-dihydrobenzofurans: a recent update	2024	Frontiers in Chemistry	12			
1199.	B., Nida, Bushra; S., Saleem, Sharjeel; M.S., Tufail, Muhammad Shahid; B., Qamar, Beenish	When work never ends: How after-hours electronic communication expectations affect job satisfaction through work interference with family and emotional exhaustion	2024	German Journal of Human Resource Management				
1200.	U., Munir, Umair; S.M.A., Naqvi, Syed Murawat Abbas; M.Y., Javaid, Muhammad Yasar; M., Waqas,	PHASE ANGLE EFFECT ON HEAT TRANSFER AND INDICATED POWER OF FREE PISTON STIRLING	2024	Thermal Science	28	6	4473	4481

	Muhammad; H.M., Waqas, Hafiz Muhammad	ENGINE						
1201.	W.E., Sawyer, Wisdom Ebiye; L., Sylva, Ligeiaziba; A.O., Aigberua, Ayobami Omozemoje; M.S., Akram, Muhammad Sohail	Call to Action for a Sustainable Air Pollution-Free World	2024	Handbook of Environmental Chemistry	133		551	572
1202.	M.K., Khan, Muhammad Kamran; H., Mazhar, Hamna; U., Shehzadi, Umber; M.H., Ahmad, Muhammad Haseeb; M.T., Nadeem, Muhammad Tahir; R.S., Shabir Ahmad, Rabia S.; M.A., Imran, Muhammad Asif; W., Khalid, Waseem; M.I., Khan, Muhammad Imran; M.Z., Khalid, Muhammad Zubair	The effect of ultrasound- assisted extraction process on techno-functional properties of protein from Moringa oleifera leaves	2024	Cogent Food and Agriculture	10	1		
1203.	A., Ikram, Ali; S.Z., Safdar, Sheikh Zain; M.T., Arshad, Muhammad	An overview of postbiotics: unveiling their distinct role in	2024	Food and Agricultural Immunology	35	1		

	Tayyab; A., Rasheed, Areeba; K.T., Gnedeka, Kodjo ThÃ©odore	gut health						
1204.	A., Ahmed, Arisha; A., Imran, Ali; C.R., Wei, Calvin R.; R., Nadeem, Rutaba; A.S., Shankar, Amar S.; J., Balaji, Jadhav; F., Islam, Fakhar; A.B., Kinki, Abdela Befa	Contribution of ultra-processed foods to increased obesity and non- communicable diseases	2024	Cogent Food and Agriculture	10	1		
1205.	M., Hanif, Madiha; A., Mansha, Asim; K.G., Ali, Kulsoom Ghulam; M.A., Saeed, Muhammad Athar; S., Mahmood, Shahid; A.R., Chaudhry, Aijaz Rasool; A., Irfan, Ahmad; A., Mushtaq, Aqsa; A.F., Zahoor, Ameer Fawad	Ring opening of epoxides: a facile approach towards the synthesis of polyketides and related stereoenriched natural products: a review	2024	Molecular Diversity				
1206.	M.W., Mazhar, Muhammad Waqar; S., Ur Rahman, S.; T.M., Aziz, Tariq M.; M.S., Alharbi, Metab S.; A.F., Alasmari, Abdullah	SYNTHESIS AND CHARACTERIZATI ON OF BIOGENIC MAGNESIUM OXIDE NANOPARTICLES AS ANTIDIABETIC AGENTS	2024	Applied Ecology and Environmental Research	22	6	5033	5044

	F.; T.H., Albekairi, Thamer H.							
1207.	M., Aleem, Mannan; S.N., Khan, Shahbaz Nasir; M.U., Akbar, Muhammad Umar; A., Arshad, Arfan; Y.H., Alsubhi, Yazeed H.; M., Pandey, Mamata; A., Javaid, Ana; M., Aleem, Muqadas; M.H., Ali, Muhammad Hassan; A.S., Mansaray, Abubakarr S.	Ten Billion Tree Tsunami Project Reveals Climate Change Mitigation and Precipitation Increase in Khyber Pakhtunkhwa Province, Pakistan	2024	Earth Systems and Environment				
1208.	A., Ghafoor, Abdul; M., Latif, Maria; S., Ali, Shafaqat; M., Munir, Muhammad; M.N., Sattar, Muhammad Naeem; M.A., Alshehri, Mohammed Ali	Exploring Metal Based Nanoparticles for Boosting Plant Tolerance to Heavy Metals and Trace Element Contamination	2024	Phyton-International Journal of Experimental Botany	93	11	2683	2705
1209.	S., Habib, Salman; M., Tamoor, Muhammad; M.M., Gulzar, Muhammad Majid; S.T., Chauhdary, Sohaib Tahir; H.,	Design, techno-economic evaluation, and experimental testing of grid connected rooftop solar	2024	Frontiers in Energy Research	12			

	Ahmad, Hasnain; M.M., Alqahtani, Mohammed Musa; M.S., Khalid, Muhammad Shoaib	photovoltaic systems for commercial buildings						
1210.	J., Wang, Juan; X., Liang, Xizhen; W., Zhang, Weiyang; A., Khalil, Asma; Y., Wu, Yingying; S., Liu, Sisi; M., Tahir Ul Qamar, Muhammad; X., Wang, Xingqiang; J., Guo, Jingping	Comparative genomic profiling of CBFs pan-gene family in five yellowhorn cultivars and functional identification of Xg11_CBF11	2024	Frontiers in Plant Science	15			
1211.	U., Ghani, Uzma; F.K., Ghor, Fareeha Khalid; M.U., Qamar, Muhammad Usman; H., Khan, Hina; B., Azad, Basit; S., Habib, Sabahat; S., Justin, Saira; I.N., Khan, Ishaq Nasib; T.A., Shah, Tawaf Ali; A.G., Shazly, A. G.	SLNP-based CDK4- targeted nanotherapy against glioblastoma	2024	Frontiers in Oncology	14			
1212.	J.A., Nasir, Jamal Abdul; N., Chand, Naila; S., Naz, Shabana; R.U., Khan, Rifat Ullah; I.A., Alhidary,	In vitro screening of antibacterial efficacy of stem waste of oyster mushrooms (Pleurotus	2024	Cogent Food and Agriculture	10	1		

	Ibrahim Abdullah; S.H., Abdelrahman, Samia Hussein; V., Tufarelli, Vincenzo	ostreatus) against different Escherichia coli strains and in vivo effects against E. coli-induced infection in Japanese quails						
1213.	N., Zuhra, Naqshe; T., Akhtar, Tayyaba; M.R., Yasin, Muhammad Rizwan; Z., Mushtaq, Zain; H., Sajjad, Hassan; S., Javed, Sadia; A., Chaudhary, Ayesha; C., Demir, Cihan; M.A., Oral, MÃ¼kerrem Atalay; K., BellitÃ¼rk, Korkmaz	Impact of Fluorides and Fluorocarbons Contamination on the Environment and Human Health	2024	Environmental Science and Engineering	Part F3713		121	161
1214.	H., Ahsan, Hira; M., Ayub, Maria; M., Gul, Mehraj; A., Qureshi, Amber; H.Z., Asfour, Hani Zakaria; H.M., Bilal, Hafiz Muhammad; M., Azeem, Muhammed; A., Wahid, Ammara;	Efficacy of silver oxide nanoparticles against multi-drug resistant Pseudomonas aeruginosa and methicillin-resistant Staphylococcus	2024	Asian Journal of Agriculture and Biology	2024	4		

	N., Ali, Nadeem; R., Naveed, Rasheeha	aureus in burn wound infections						
1215.	A., Tassaddiq, Asifa; S., Afsheen, Sehar; I., Ashraf, Irfana; A., Kaslsoom, Amna; P., Ashraf, Pakeeza; S., Kanwal, Shazia	Fixed Point Results for Generalized $(\hat{I}\pm, \hat{I}^2)$ -Nonexpansive Type-1 Mapping in Hyperbolic Space	2024	Contemporary Mathematics (Singapore)	5	4	5413	5433
1216.	T., Javed, Tariq; F., Kausar, Fahmida; M.D., Zawar, Muhammad Danish; N., Khalid, Nasir; A., Thumma, Anusha; A., Ismail, Abdullah; A.H., Alzaidy, Asaad H.; M.J., Abed, May Jaleel; L.S., Jasim, Layth Sameer; M.B., Taj, M. B.	Investigating the adsorption potential of coconut coir as an economical adsorbent for decontamination of lanthanum ion from aqueous solution	2024	Journal of Dispersion Science and Technology				
1217.	S.U., Rehman, Shafique Ur; S., Bresciani, Stefano; A., Riaz, Adil; G., Giovando, Guido	Unveiling knowledge dynamics for competitive advantage: insights into hiding, sharing and big data management	2024	EuroMed Journal of Business				
1218.	S., Akram, Saima; M., Khalid, Maira; F., Amir, Fouzia; S.,	INTRODUCING AN EFFECTIVE EIGHTH-ORDER	2024	Asia Pacific Journal of Mathematics	11			

	Mahmood, Sahar	ITERATIVE METHOD UTILIZING NEWTON'S INTERPOLATION TO ADDRESS CHALLENGES IN MATHEMATICAL PHYSICS						
1219.	I., Fatima, Izzah; J.H., Shah, Jamal Hussain; R., Saleem, Rabia; S., Riaz, Samia; M., Rafiq, Muhammad; F.A., Khokhar, Fahad Ahmed	Transforming Medical Imaging: A VQA Model for Microscopic Blood Cell Classification	2024	IEEE Access	12		168547	168556
1220.	N., Rafi, Nosheen; K.K., Alharbi, Khalid Kamal; M.N., Nawaz Kalyar, Masood Nawaz; M., Bilal, Muddassar; D.B., Abrudan, Denisa Bogdana	Enhancing employee well-being through prosocial rule-breaking: Insights from the hospitality sector	2024	Journal of Infrastructure, Policy and Development	8	13		
1221.	A., Alawadh, Ammar; N., Rafi, Nosheen; M.N., Nawaz Kalyar, Masood Nawaz; D.B., Abrudan, Denisa Bogdana	The role of motivation and knowledge in promoting green consumer behavior in Saudi Arabia and Pakistan	2024	Journal of Infrastructure, Policy and Development	8	13		

1222.	A., Hafeez, Abdul; A., Ahmad, Altaf; M., Sohail, Muhammad; S., Naz, Shabana; I.A., Alhidary, Ibrahim Abdullah; S.H., Abdelrahman, Samia Hussein; V., Tufarelli, Vincenzo	Evaluation of black Cumin (Bunium persicum), Ajwain (Carum copticum) and Fenugreek (Trigonella foenum- graecum) dietary supplementation on growth performance, blood metabolites, ileal digestibility, bone strength and in broilers	2024	Journal of Applied Animal Research	52	1		
1223.	R., Jamal, Rafia; F., Asad, Farkhanda; S., Naz, Shabana; S.M., Hussain, Syed Makhdoom	Comparative assessment of natural and synthetic reproductive inhibitors in Oreochromis niloticus	2024	International Journal of Agricultural and Biological Engineering	17	5	284	292
1224.	M., Shehzadi, Mehwish; H., Alolaiyan, Hanan; U., Shuaib, Umer; A., Razaq, Abdul; Q., Xin, Qing	Crafting optimal cardiovascular treatment strategy in Pythagorean fuzzy dynamic settings	2024	AIMS Mathematics	9	11	3149 5	31531
1225.	A.N., Muhammad,	Renal Effects of	2024	BIO Integration	5	1		

	Ambar N.; A., Ijaz, Ayesha; A., Khalid, Adeel; K., Rafique, Khuram; R., Tabassum, Rabia; A., Zahra, Aqeela; M.S., Danish, Muhammad Saiful; H., Tariq, Hina; M.A., Herdiansyah, Mochammad Aqilah; A.N.M., Ansori, Arif Nur Muhammad	Graphite Oxide Sheets in Albino Rats (Rattus norvegicus): A Preliminary Study						
1226.	S.U., Rehman, Shafique Ur; G., Giovando, Guido; R., Quaglia, Roberto; A., Riaz, Adil	Digital entrepreneurship ! Nexus among industry 4.0 enablers, environmental dynamism and SMEs environmental performance: aÂ mediated-moderated perspectives	2024	Journal of Small Business and Enterprise Development				
1227.	S., Aslam, Sahar; S.S., Ur Rehman, Syed Shakil; N., Ilahi, Nida	Effects of Myofascial Release on the Pain and Quality of Life in Patients With Fibromyalgia	2024	Iranian Rehabilitation Journal	22	4	701	708

1228.	B., Rasool, Bilal; T., Younis, Tahira; J., Iqbal, Javaid; S., Zafar, Saba; A., Parvaiz, Aqsa; I., Rasool, Inshaal; M., Shakeel, Muhammad	Preference for host larval stages and density-dependent parasitism of <i>Psytalia</i> parasitoid species in <i>Bactrocera</i> fruit flies	2024	International Journal of Pest Management				
1229.	A., Khan, Ahmad; A., Sultan, Asad; Z., Islam, Ziaul; M.S., Uzair, Muhammad Shahkar; I.A., Alhidary, Ibrahim Abdullah; R.U., Khan, Rifat Ullah; S., Naz, Shabana; N.K., Momand, Naseer Khan; R.P., Tiwari, Ruchi P.	Optimising growth performance, nutrients digestibility, immunity and gut health in broilers through ginger-derived phyto-protease enzyme (zingibain) supplementation	2024	Italian Journal of Animal Science	23	1	1695	1703
1230.	M., Ali, Mukhtiar; S.M., Hussain, Syed Makhdoom; M., Asrar, Muhammad; M.I., Hussain, Majid I.; M.Z.U.H., Arsalan, Muhammad Zubair Ul Hassan; Z., Yousaf, Zeeshan; A.A., Bano, Aumme Adeeba	Efficacy of Dietary Polyphenols Supplementation with Soybean Meal-Based Diet on Growth, Antioxidant Status and Carcass Composition of <i>Labeo rohita</i> Fingerlings	2024	Pakistan Journal of Zoology	56	6	2823	2830

1231.	Y., Wu, Yong; M., Chaudhry, Munaza; N., Maqbool, Noureen; M.T., Tahir, Madeeha Teham; M.A., Basit, Muhammad Abdul; M.A., Imran., Muhammad Asjad	Entropy generation in radiative motion of tangent hyperbolic nanofluid in the presence of gyrotactic microorganisms and activation energy	2024	Frontiers in Physics	12			
1232.	A., Nazir, Anum; M.U., Mehr-un-Nisa, Mahrun Un; M.H., Mahmoud, Mohamed H.; A.M., Elgazzar, Ahmed M.; E., Zongo, Eliasse	An exploratory investigation of lipid-lowering potential of spirulina (Arthrospira platensis) targeting apoprotein-E in chronic hyperlipidemic wistar albino rats	2024	Cogent Food and Agriculture	10	1		
1233.	M., Anas, Muhammad; I.U., Khan, Irfan Ullah; S.O., Alomrani, Sarah Owdah; M., Nawaz, Mohsin; Z., Huang, Zhiyun; M.A., Alshehri, Mohammed Ali; K.A., Al-Ghanim, Khalid Abdullah; S.,	Evaluating Sorghum bicolor resistance to Solidago canadensis invasion under different nitrogen scenarios	2024	Frontiers in Plant Science	15			

	Qi, Shanshan; J., Li, Jian; Z., Dai, Zhicong							
1234.	Z.K., Javaid, Zartashia Kynat; K., Khan, Kamran; M.R., Kamran, Muhammad Rizwan; S., Aslam, Sarfraz	Influence of mindfulness on environmental satisfaction among young adults: mediating role of environmental identity	2024	Environment and Social Psychology	9	10		
1235.	Y., Wang, Yuanheng; M.Z., Javed, Muhammad Zakria; M.U., Awan, Muhammad Uzair; B., Bin-Mohsin, Bandar; B., Meftah, Badreddine; S., TreanÅ£ÇŽ, Savin	Symmetric quantum calculus in interval valued frame work: operators and applications	2024	AIMS Mathematics	9	10	2766 4	27686
1236.	M.A., Khalid, Muhammad Adnan; S.M., Hussain, Syed Makhdoom; S., Ali, Shafaqat; A.I., Hussain, A. I.; M., Asrar, Muhammad; N., Ahamd, Nisar; M.I., Hussain, Majid I.; M.Z.U.H., Arsalan, Muhammad Zubair	Assessment of Various Biochar Sources as a Dietary Additive in Cirrhinus mrigala Fingerlings to Enhance Mineral Status, Carcass Composition, and Antioxidant Activity	2024	Punjab University Journal of Zoology	39	1	45	52

	Ul Hassan							
1237.	M.E., Maqbool, Muhammad Ehsan; M.N., Mushtaq, Muhammad Nadeem; Tamathues; K., Tul-Kubra, Khadija; A., Zulfiqar, Arish; M.S., Sarwar, Muhammad Shoaib; Z., Yousaf, Zeeshan; M., Yaseen, Mudassar; F., Nosheen, Farwa	Assessing the Impact of Insect Pest Biodiversity on the Ecological Footprint of Okra (<i>Abelmoschus esculentus</i> L.) Cultivation in Faisalabad, Punjab, Pakistan	2024	Punjab University Journal of Zoology	39	2	169	175
1238.	A.U., ur Rehman, Anees Ur; Z., Tasleem, Zermina; S.A., Muhammad, Sohail Ayaz; M.F., Rasool, Muhammad Fawad; S., Shah, Shahid; G., Jabeen, Gul; S., Arif, Sonia; L.S., Omar Babkair, Lujain Salim; Y.J., Kadumi, Yahya Jaber; S.A., Alghamdi, Saleh A.	Pattern and associated factors of COVID-19 knowledge, attitude and practice (KAP) among COVID-19-comorbid patients: a systematic review and meta-analysis	2024	Frontiers in Public Health	12			
1239.	M., Ahmad, Muhammad; M.A., Mahmood, Muhammad Asim;	Variation in Academic Writing: A Corpus-Based	2024	Journal of Language and Education	10	3	25	39

	A.R., Siddique, Ali Raza; M., Imran, Muhammad; N.M., Almusharraf, Norah M.	Investigation on the Use of Syntactic Features by Advanced L2 Academic Writers						
1240.	L., Malik, Laraib; S., Hussain, Sabir; M.S., Shahid, Muhammad Shafiq; F., Mahmood, Faisal; H.M., Ali, Hayssam M.; M., Malik, Mehreen; M., Sanaullah, Muhammad; Z., Zahid, Zubda; T., Shahzad, Tanvir	Co-applied biochar and drought tolerant PGPRs induced more improvement in soil quality and wheat production than their individual applications under drought conditions	2024	PeerJ	12	10		
1241.	M., Alam, Mohammad; N., Chand, Naila; S., Naz, Shabana; M., Khan, Momin; R.U., Khan, Rifat Ullah; I.A., Alhidary, Ibrahim Abdullah; S.H., Abdelrahman, Samia Hussein; M., Ragni, Marco	Comparative growth, production, carcass characteristics and reproduction performance of Naked Neck, Black Australorp and their crossbred chicken	2024	Italian Journal of Animal Science	23	1	1624	1634
1242.	A., Naseem, Aansa; I., Rasul, Ijaz; Z.A., Raza, Zulfiqar Ali; F., Muneer, Faizan;	Bacterial production of polyhydroxyalkan oates (PHAs)	2024	PeerJ	12	10		

	A.U., Rehman, Asad Ur; H., Nadeem, Habibullah	using various waste carbon sources						
1243.	I., Mustafa, Imtiaz; S., Irfan, Shahzad; G.S., Hussain, Ghulam Sabir; M.U., Ijaz, Muhammad Umar; M.I., Ullah, Muhammad Irfan; J., Nisar, Jaweria; T., Maqbool, Tahir; H., Anwar, Haseeb	Conyza bonariensis (L.) Impact on Carbohydrate Metabolism and Oxidative Stress in a Type 2 Diabetic Rat Model	2024	Bioinformatics and Biology Insights	18			
1244.	S., Hassan, Shamooin; M.S., Bilal, Muhammad Sajjad; S., Khalid, Shehla; N., Rasool, Nasir; M.A., Imran, Muhammad A.; A.A., Shah, Adnan Ali	Cobalt-catalyzed reductive cross-coupling: a review	2024	Molecular Diversity				
1245.	E., Mateev, Emilio; M.T., Muhammed, Muhammed Tilahun; A., Irfan, Ali; S., Sharma, Shubham; M.B., Georgieva, Maya B.; A.B., Zlatkov, Alexander B.	Hydrazide-hydrazones as novel antioxidants - in vitro, molecular docking and DFT studies	2024	Pharmacia	71			
1246.	R., Munir, Ramsha;	Yamaguchi	2024	Frontiers in Chemistry	12			

	A.F., Zahoor, Ameer Fawad; M.N., Anjum, Muhammad Naveed; A., Mansha, Asim; A., Irfan, Ali; A.R., Chaudhry, Aijaz Rasool; A., Irfan, Ahmad; K., Kotwica-Mojzych, Katarzyna; M., Glowacka, Mariola; M., Mojzych, Mariusz	esterification: a key step toward the synthesis of natural products and their analogs”a review						
1247.	B.H., Alsuwayt, Bader H.; N., Iftikhar, Neelam; A.I., Hussain, A. I.; A., Ahmad, Ashfaq; I., Zafar, Irsa; A., Khanam, Arifa; T.N., Wen-Nee, Tan Nee; L., Nahar, Lutfun; A.F., Almuqati, Afaf F.; E.M., Haji, Esraa Mohammad	The Bioprotective Effects of Marigold Tea Polyphenols on Obesity and Oxidative Stress Biomarkers in High-Fat-Sugar Diet-Fed Rats	2024	Cardiovascular Therapeutics	2024			
1248.	M., Zeeshan Manzoor, Muhammad; G., Sarwar, G.; M.K., Ibrahim, Muhammad	Remediation quantum of organic amendments to immobilize potentially toxic	2024	Frontiers in Environmental Science	12			

	Khalid; S.S., Rehan, Saman Safdar; Z., Hasnain, Zuhair; A., Rais, Afroz; S., Gul, Safia; A.T., Alfagham, Alanoud T.; B.O., Manono, Bonface Ombasa; K., Mehmood, Kashf	heavy metals in wastewater-contaminated soils through maize cultivation						
1249.	A., Irfan, Ali; A.F., Zahoor, Ameer Fawad; Y., Boulaamane, Yassir; S., Javed, Sadia; H., Hameed, Huma; A.A., Maurady, Amal A.M.; M.T., Muhammed, Muhammed Tilahun; S.U., Ahmad, Sajjad U.; A.A., Al-Mutairi, Aamal A.; I., Shahzadi, Irum	Computational exploration of acefylline derivatives as MAO-B inhibitors for Parkinsonâ€™s disease: insights from molecular docking, DFT, ADMET, and molecular dynamics approaches	2024	Frontiers in Chemistry	12			
1250.	M.Z., Khalid, Muhammad Zubair; H., Saima, Hafiza; M.T., Nadeem, Muhammad Tahir; K., Saeed, Kanza; M.S., Arshad,	Clean label extraction of bioactive compounds from Chenopodium album and their role in the characterization	2024	Frontiers in Sustainable Food Systems	8			

	Muhammad Sajid; W., Khalid, Waseem; H., Rafique, Hamad; M., Fatima, Muqaddas; T.S., Alsulami, Tawfiq S.; A.A., Alzahrani, Abdulhakeem A.	and stability of ostrich meat						
1251.	P.J.I.V., Paulino, Peter Jerome Ishmael V.; M.A., Sufyan, Muhammad Abu	Identifying molecular subtypes of breast cancer using single cell RNA-seq data integration and random forest classification	2024	International Journal of Bioinformatics Research and Applications	20	5	468	494
1252.	F., Razzaz, Farooq; M.N., Akram, M. N.; M.Z., Yaqoob, Muhammad Zeshan	THz Scattering and Tunable Plasmonic Resonances from Graphene-Coated Gold Nanowires	2024	International Journal of Antennas and Propagation	2024			
1253.	S., Aslam, Sehar; M.A., Qasim, Muhammad Awais; M., Khurshid, Mohsin; U.A., Ashfaq, Usman Ali; M.A., Ali, Muhammad Akhtar	Exploring the Probiotic Potential and Safety of a Locally Sourced Lactobacillus fermentum Strain Isolated from Dahi, a Traditional Dairy	2024	Pakistan Journal of Zoology	56	6	2943	2952

		Product						
1254.	M.M., Mohsin, Muhammad Mubeen; Y., Afzal, Yusra; B., Hu, Boya; Z., Jiang, Zuojie; P., Jing, Pengbo; H., Chen, Haohao; M.T., Aleem, Muhammad Tahir; A., Ali, Ashiq; S.U., Haq, Shahbaz Ul; S., Ahmed, Shakeel	Targeting Endothelin Receptors: A Promising Strategy for Alleviating Cancer-Related and Non-Cancer Pain in Animal Models	2024	Pakistan Veterinary Journal	44	3	555	562
1255.	F., Masoud, Faisal; M.A., Ashraf, Muhammad Adnan; M.W., Usmani, Muhammad Wasim; A., Rafique, Azhar; R., Aslam, Rizwan	Newcastle Disease Virus as a Viral Vector Platform for Poultry Vaccines: A Review	2024	Pakistan Veterinary Journal	44	3	539	546
1256.	Z., Maqbool, Zahra; W., Khalid, Waseem; M.A.M., Maqsood, Mahum And Maryam; K., Shakeela, Khalid; A., Moreno, Andr�s	Biotechnological Approaches to Increase Food Production Quality and Safety	2024				270	284
1257.	A.S., Alkorbi, Ali S.; N., Gill, Nouman; M.N., Anjum, Muhammad	Green ternary composite of graphitic carbon nitride/TiO2/	2024	Frontiers in Chemistry	12			

	Naveed; M.J., Saif, Muhammad Jawwad; M.N., Ahmad, Mirza Nadeem; M.B., Qadir, Muhammad Bilal; Z., Khaliq, Zubair; M.F., Ahsan, Mohd Faisal; M.S., Jalalah, Mohammed Saeed; F.A., Harraz, Farid A.	polyorthoanisidine for the enhanced photocatalytic treatment of Direct Red 28 for industrial water treatment solutions						
1258.	Y., Mehmood, Yasir; H., Shahid, Hira; S.M., Rizvi, Syeda Momena; U., Jamshaid, Usama; N., Arshad, Numera; M., Nur-E-Alam, Mohammad; M.D.W., Hussain, Muhammad Delwar Waseem; K., Mohsin, Kazi	Hyaluronic acid-solid lipid nano transporter serum preparation for enhancing topical tretinoin delivery: skin safety study and visual assessment of skin	2024	Frontiers in Pharmacology	15			
1259.	F., Zeib, Fakhta; R., Tariq, Rehan	Equity challenges in academic satisfaction through online learning platforms and post-COVID	2024	Educational Technology and Society	27	4	302	318

		implications using multigroup analysis						
1260.	R., Nadeem, Rutaba; A., Imran, Ali; C.R., Wei, Calvin R.; S., Naz, Saima; W., Waheed, Wisha; M.A., Akram, Muhammad Arslan; A., Ahmed, Arisha; S., Tahir, Saleha; F., Islam, Fakhar; A.B., Kinki, Abdela Befä	A review on the potential impact of probiotics and prebiotics in enhancing health benefits	2024	Cogent Food and Agriculture	10	1		
1261.	B., Aslam, B.; M., Khurshid, Mohsin; M.I., Arshad, Muhammad Imran; S., Muzammil, Saima; M., Rasool, Maria; N., Yasmeen, Nafeesa; T., Shah, T.; T.H., Chaudhry, Tamoor Hamid; M.H., Rasool, Muhammad Hidayat; A., Shahid, Aqsa	Corrigendum: Antibiotic resistance: One Health One World outlook (Frontiers in Cellular and Infection Microbiology, (2021), 11, (771510), 10.3389/fcimb.2021.771510)	2024	Frontiers in Cellular and Infection Microbiology	14			
1262.	A., Naaz, Aleena; M.S., Afzaal, Muhammad Sohail;	The effect of different wall materials	2024	Cogent Food and Agriculture	10	1		

	F., Saeed, F.; A., Asghar, Aasma; A., Ahmed, Aftab; A., Liaqat, Atif; R., Iqbal, Rabia; S.Y., Al-Omar, Suliman Yousef; A., Nwaz, Asad; D., Teferi Asres, Degnet	(Sodium alginate, whey protein isolate, Kappa-carrageenan and Citrus pectin) on the viability and stability of free and encapsulated Lactobacillus acidophilus under hostile condition						
1263.	S., Qasim, Sadaf; M.N., Ahmad, Muhammad Nauman; A., Zia, Afia; S., Alam, Sahib; M.A., Riaz, Muhammad Ahsan; T.M., Aziz, Tariq M.; N., Zahra, Naureen; M., Alhomrani, Majid; W.F., F Alsanie, Walaa Fahad; A.S., S Alamri, Abdulhakeem S.	Tropospheric ozone pollution: Implication for food security and crop nutrition in South Asia	2024	Italian Journal of Food Science	36	4	1	16
1264.	M., Zerlasht, Mehwish; S., Javaria, Sadaf; M.Y., Quddoos, Muhammad Yousaf; R., Arshad, Rizwan; S., Yaqub, Shazia; M.Z.,	The impact of fenugreek, black cumin, and garlic on dough rheology, bread quality, antimicrobial activity, and	2024	Italian Journal of Food Science	36	4	26	37

	Khalid, Muhammad Zubair; S.S., Mahmood, Sayyada Sana; A., Rafique, Ayesha; M.U., Farooq, Muhammad Umar; T.S., Alsulami, Tawfiq S.	microstructural analysis using a scanning electron microscope						
1265.	A., Imran, Ali; H.A., Suleria, Hafiz A.R.; M.U., Arshad, Muhammad Umair; C.R., Wei, Calvin R.; N.A., Zarikian, Noushig A.; M.S., Afzaal, Muhammad Sohail; M., Raza, Mudasar; N., Amjad, Nosheen; U., Naeem, Usman; A.B., Kinki, Abdela Befu	Unleashed protein power: redefining baked goods with legume flour mixtures	2024	Cogent Food and Agriculture	10	1		
1266.	T., Ashraf, Tahreem; N., Idrees, Nazaran	Topological indices based VIKOR assisted multi-criteria decision technique for lung disorders	2024	Frontiers in Chemistry	12			
1267.	A., Xaviera, Anne; A., Saleem, Ammara; M.F.,	Fumaric acid per se and in combination with	2024	Immunopharmacology and Immunotoxicology	46	6	793	804

	Akhtar, Muhammad Furqan; A.M., Alshammari, Abdulrahman Mohammed; N.A., Albekairi, Norah A.	methotrexate arrests inflammation via moderating inflammatory and oxidative stress biomarkers in arthritic rats						
1268.	T., Raza, Tehreem; R., Yasin, Riffat; S., LÃ³pez-Torres, Sergi; N.M., Warburton, Natalie Marina; K., Samiullah, Khizar; A., Ghaffar, Abdul; M.N., Khan, Muhammad Nadeem; C., Ara, Chaman; E., Muzaffar, Eisha	New sivatheriine giraffid (Ruminantia, Mammalia) craniodental material from the Siwaliks of Pakistan	2024	Journal of Vertebrate Paleontology	44	1		
1269.	M., Anjum, Maria; M., Anum, Maria; H., Kosar, Humaira; M., Rehman, Mariam	Social Networks and Privacy Concerns: An Insight into IT Industry User Experience	2024	Communications in Computer and Information Science	2198 CCIS		421	436
1270.	A., Ehsan, Ayesha; N., Sultana, Nayyer; B., Munir, Bushra; N., Assad, Nasir; A., Ghaffar, Abdul; M., Naeem-ul-Hassan,	Assessment of some heavy metals for their potential health implications in the skin whitening creams	2024	International Journal of Environmental Analytical Chemistry				

	Muhammad	available in Pakistani cosmetic market						
1271.	U., Younas, Umer; M., Ameen, Mafia; M., Perviaz, Muhammad; G., Shahzadi, Gulshan; A., Fatima, Arene; F., Ali, Faisal; I., Ahmad, Ikram; Z., Saeed, Zohaib; A., Ashraf, Adnan; S.A., Aldossari, Samar A.	Sodium alginate-supported AgSr nanoparticles for catalytic degradation of malachite green and methyl orange in aqueous medium	2024	Nanotechnology Reviews	13	1		
1272.	R., Zia, Rabbia; M., Rehman, Mariam; A., Hussain, Afzaal; S., Nazeer, Shahbaz; M., Anjum, Maria	Improving synthetic media generation and detection using generative adversarial networks	2024	PeerJ Computer Science	10			
1273.	N., Ahmed, Naveed; M.Q., Saeed, Muhammad Qamar; A., Asghar, Aasma; M., Abdullah Butt, Muhammad; M.S., Afzaal, Muhammad Sohail; F., Saeed, F.; R., Wahab, Rizwan; S.Y., Al-Omar, Suliman	Utilization of Lactobacillus rhamnosus as probiotic adjunct culture for the development of tempeh	2024	International Journal of Food Properties	27	1	1279	1289

	Yousef; A., Nawaz, Asad; N., Akram, Noor							
1274.	S., Adem, Sevki; A., Rasul, Azhar; S., Riaz, Saba; A., Sadiqa, Ayesha; M.N., Ahmad, Matloob N.; M., Shahid Nazir, Muhammad; M., Hassan, Mudassir	Pyruvate kinase modulators as a therapy target: an updated patent review 2018â€“2023	2024	Expert Opinion on Therapeutic Patents	34	10	953	962
1275.	A., Jabbar, Abdul; M.M., Tahir, Muhammad Mateen; S., Naz, Shabana; S., Ahmad, Shakoor; I.A., Alhidary, Ibrahim Abdullah; S.H., Abdelrahman, Samia Hussein; V., Tufarelli, Vincenzo	Enhancing calcium and phosphorus utilization in broiler chickens with phytase in sequential calcium-phosphorus-deficient diets	2024	Journal of Applied Animal Research	52	1		
1276.	S., GÃ¼ndoğdu, Sedat; A.N., Yeşilyurt, Arem Nur; Z., Abbas, Zohaib; M., Baylan, Makbule	Effects of microplastics on aquatic organisms: a comprehensive review	2024	Turkish Journal of Zoology	48	5	248	285
1277.	A., Hafeez, Abdul; S., Iqbal, Shahid; S., Naz, Shabana; I.A., Alhidary, Ibrahim Abdullah; S.H.,	Comparative effect of exogenous protease and phytobiotics on	2024	Journal of Applied Animal Research	52	1		

	Abdelrahman, Samia Hussein; M., Selvaggi, Maria	growth performance, nutrient digestibility, ileal histology and bone strength in broilers						
1278.	H., Hameed, Huma; S., Faheem, Saleha; K., Younas, Komel; M., Jamshaid, Muhammad; N., Ereej, Nelofer; A., Hameed, Anam; R., Munir, Rabia; R., Khokhar, Rabia	A comprehensive review on lipid-based nanoparticles via nose to brain targeting as a novel approach	2024	Journal of Microencapsulation	41	8	681	714
1279.	M.Q., Saeed, Muhammad Qamar; F., Rasheed, Farhan; M.H., Rasool, Muhammad Hidayat; S., Hayat, Sumreen; M., Khurshid, Mohsin	Carbapenem-Resistant Burkholderia cepacia Complex Isolates Carrying bla NDM-1 and bla NDM-5 in Ventilator-Associated Pneumonia Patients and Contaminated Ventilator Tubing	2024	Transboundary and Emerging Diseases	2024			
1280.	M.A., Ali, Muhammad Azhar; M., Nafees, Mohammad; M., Waseem, M.; S.O.,	Modulation of Cd carriers by innovative nanocomposite (Ca+Mg) and Cd-	2024	Frontiers in Plant Science	15			

	Alomrani, Sarah Owdah; K.A., Al- Ghanim, Khalid Abdullah; M.A., Alshehri, Mohammed Ali; H., Zheng, Hao; S., Ali, Shafaqat; F., Li, Fengmin	resistance microbes (Bacillus pumilus): a mechanistic approach to enhance growth and yield of rice (Oryza sativa L.)						
1281.	F., Islam, Fakhar; A., Imran, Ali; M.S., Afzaal, Muhammad Sohail; T., Zahoor, Tahir; N., Amjad, Nosheen; C.R., Wei, Calvin R.; S., Biswas, Sunanda; M., Fatima, Maleeha; M.U., Arshad, Muhammad Umair; F., Azmat, Faiza	Nanotechnology for the improvement of the quality, properties, and safety of food and agriculture: recent and future trends	2024	Cogent Food and Agriculture	10	1		
1282.	U., Arshad, Uzma; N., Shafiq, Nusrat; S., Parveen, Shagufta; M., Rashid, Maryam	Discovery of novel dihydro- pyrimidine hybrids: insight into the design, synthesis, biological evaluation and absorption, distribution, metabolism and	2024	Future Medicinal Chemistry	16	19	1949	1969

		excretion studies						
1283.	M., Abid, Muhammad; M., Sun, Mei; W.U., Latif, Waqas Umar; T., Nawaz, Tahir	A Novel Robust Class of Estimators for Estimation of Finite Population Mean: A Simulation Study	2024	Pakistan Journal of Statistics and Operation Research	20	3	417	444
1284.	F., Anwar, Faiza; M., Sanaullah, Muhammad; H.M., Ali, Hayssam M.; S., Hussain, Sabir; F., Mahmood, Faisal; Z., Zahid, Zubda; T., Shahzad, Tanvir	Effect of combined application of inorganic nitrogen and phosphorus to an organic-matter poor soil on soil organic matter cycling	2024	PeerJ	12	9		
1285.	T., Ahsan, Tauqeer; M.M., Tahir, Muhammad Mateen; S., Naz, Shabana; R.U., Khan, Rifat Ullah; I.A., Alhidary, Ibrahim Abdullah; S.H., Abdelrahman, Samia Hussein; M., Selvaggi, Maria	Effect of soy hulls as alternative ingredient on growth performance, carcass quality, nutrients digestibility and intestinal histological features in broilers	2024	Italian Journal of Animal Science	23	1	1336	1347
1286.	A., Asghar, Aasma; A., Ahmed, Aftab; F., Saeed, F.; M.S., Afzaal, Muhammad	The effect of honey supplementation on the survival	2024	CYTA - Journal of Food	22	1		

	Sohail; M.F., Ijaz, Muhammad Furqan; A.A., Maan, Abid Aslam; M.K.I., Khan, Muhammad Kashif Iqbal; A., Ijaz, Afaf; I., Usman, Ifrah; A., Liaquat, Atif	and stability of free and encapsulated probiotics						
1287.	M.S., Tufail, Muhammad Shahid; K., Shaheen, Kanwal; S., Mehmood, Sana; N., Syed, Nausheen; I., Bashir, Iram; A., Jamil, Anum	The orientation of knowledge sources and knowledge transfer towards innovation capabilities are moderated by absorptive capacity: an empirical study in perspective of manufacturing industries	2024	International Journal of Knowledge and Learning	17	5	427	441
1288.	I., Gulzar, Imran; A., Khalil, Asma; U.A., Ashfaq, Usman Ali; S., Liaquat, Sadia; A., Haque, Asma	Identification of Peptidoglycan Glycosyltransferase FtsI as a Potential Drug Target against Salmonella enteritidis and Salmonella typhimurium Serovars through	2024	Current Pharmaceutical Design	30	36	2882	2895

		Subtractive Genomics, Molecular Docking and Molecular Dynamics Simulation Approaches						
1289.	A., Ahmed, Adnan; S., Zafar, Sara; M., Yasin Ashraf, Muhammad	EVALUATION OF SALT TOLERANCE OF MUNGBEAN CULTIVARS AT THE SEEDLING STAGE USING POTENTIAL GROWTH INDICES	2024	Pakistan Journal of Botany	56	6	2073	2077
1290.	F., Yousaf, Fareeda; R., Munir, Ruba; F., Zaheer, Fatima; R., Rafeeq, Rimsha; A., Muneer, Amna; A., Ashraf, Amina; F., Younas, Fazila; M.A., Farah, Mohammad Abul; M.F., Elsadek, Mohamed Farouk; S., Noreen, Saima	Citrus limon peel-based biosynthesis: Lead oxide, zinc oxide, cadmium oxide, and copper oxide nano quantum dots for subtraction of anionic Actas Pink dye (AAPD)	2024	Separation Science and Technology	59	16	1530	1549
1291.	M., Azeem, Maria; S., Asim, Saba; A., Raza, Awais; H., Rasul, Hamad; M.A., Ali,	Effect of lotus seed powder addition on the physical and organoleptic	2024	Cogent Food and Agriculture	10	1		

	Muhammad Asif; B., Khalid, Bakhtawar; R., Shukat, Rizwan; A.J., Diantom, Agoura Joseph	attributes of chocolate flavour frozen yogurt using goat milk						
1292.	N., Zahra, Noreen; A., Kausar, Abida; P.K., Sharma, Pankaj K.; S.M., Mohammad Wabaidur, Saikh Mohammad; A., Husen, Azamal	Serotonin application to Guizotia abyssinica improves growth, physiological functions, antioxidant system and alleviates the deleterious effects induced by salt stress	2024	Plant Biosystems	158	5	1006	1014
1293.	H., Kanwal, Hina; I., Shoaib, Iram; A., Noman, Ali; M.F., Maqsood, Muhammad Faisal; R., Naheed, Rashda; O.M., Alzoubi, Omar Mahmoud; M., HASHEM, Mohamed; R.O., Elnour, Rehab Omer; F.M.A., AlZuaibr, Fahad Mohammed A.; N.,	Biostimulant-mediated cellular repair by improving antioxidant dynamics and osmoregulation against metal stress in canola	2024	Turkish Journal of Agriculture and Forestry	48	4	580	594

	Khalid, Noreen							
1294.	R., Khawar, Rabia; I.A., Dogar, Imtiaz Ahmad; M., Shakil, Mehwish; S., Hussain, Samavia; A., Butt, Ammara; R., Amin, Rizwana; H.S., Ahmad, Hafiz Shafique; B., Akram, Bushra; A., Sheraz, Ayesha; H., Ahmad, Hira	Translation and Validation of Family Stigma Stress Scale (FSSS) among Caregivers of Patients with Mental Illness in Pakistan	2024	Mental Illness	2024			
1295.	S., Murtaza, Shamas; A., Sameen, Ayesha; A.U., Rehman, Abdur Ur; N., Huma, Nuzhat; F., Hussain, Fatma; S., Hussain, Shahzad; I., Cacciotti, Ilaria; S.A., Korma, Sameh A.; S.A., Ibrahim, Salam Adnan; Y., Ma, Yongkun	Physicochemical, techno-functional, and proteolytic effects of various hydrocolloids as fat replacers in low-fat cheddar cheese	2024	Frontiers in Sustainable Food Systems	8			
1296.	M.A., Zia, Muhammad Azam; A., Kanwal, Amna; M., Asif, Muhammad; H.Z., Muhammad, Hashim Zaheer; S., Ullah, Sami	Securing the Food Supply Chain: Harnessing Blockchain Technology for Protection and Transparency	2024	Lecture Notes on Data Engineering and Communications Technologies	215		1462	1476

1297.	A., Hafeez, Abdul; R., Khan, Rafiullah; S., Naz, Shabana; S., Batool, Sajida; R.U., Khan, Rifat Ullah; I.A., Alhidary, Ibrahim Abdullah; S.H., Abdelrahman, Samia Hussein; R.P., Tiwari, Ruchi P.	Ameliorative effect of Aloe vera supplementation on the growth indices, intestinal health and oocysts shedding under an experimentally challenged with coccidia in Japanese quails	2024	Italian Journal of Animal Science	23	1	1269	1278
1298.	T., Sana, Tahseen; M., Alkanhal, Majeed; A., Ali, Ahtisham; H., Ullah, Hafeez; A., Ghaffar, Abdul; Y., Khan, Yasink; M.Z., Yaqoob, Muhammad Zeshan	Hybrid Dyakonov Surface Waves at Uniaxial Crystal- Temperature- Sensitive Material Interfaces	2024	International Journal of Optics	2024			
1299.	F., Mukhtar, Farwa; A., Guarnieri, Antonio; N., Brancazio, Natasha; M., Falcone, Marilina; M., Di Naro, Maria; M., Azeem, Muhammad; M.W., Zubair, Muhammad	The role of Mycobacterium tuberculosis exosomal miRNAs in host pathogen cross-talk as diagnostic and therapeutic biomarkers	2024	Frontiers in Microbiology	15			

	Waqas; D.V.M., Nicolosi, Daria V.M.; R.M., Di Marco, R. M.A.; G., Petronio Petronio, Giulio							
1300.	M.S., Hussain, Muzzamal Shujaat; M.A., Raza, Muhammad Ahtisham; F., Saeed, F.; M.S., Afzaal, Muhammad Sohail; T., Tufail, Tabussam; A., Ahmad, Awais; A., Ahmad, Aftab; E., Al JBawi, Entessar	Maize bran as an agro-industrial by-product: its bioactive compounds and their potential health benefits	2024	Cogent Food and Agriculture	10	1		
1301.	U., Irshad, Usama; M.U., Arshad, Muhammad Umair; A., Imran, Ali; M., Rasheed, Musarrat; P., Bansa, Pooja; M., Medha Deorari, Maha; M.S., Afzaal, Muhammad Sohail; F., Islam, Fakhar; M.A., Shah, Mohd Asif	Nutritional, physicochemical, and chemical characterization of carbonated sugarcane juice	2024	CYTA - Journal of Food	22	1		
1302.	A., Suresh, Anjana; Shobna; M., Salaria, Mani; S.,	Dietary fiber: an unmatched food component for	2024	Food and Agricultural Immunology	35	1		

	Morya, Sonia; W., Khalid, Waseem; F.A., Afzal, Farukh Adeem; A.A., Khan, Ammar Ahmad; S., Safdar, Saira; M.Z., Khalid, Muhammad Zubair; E.K., Lenge, Emery Kasongo	sustainable health						
1303.	D., Riaz, Danish; S.M., Hussain, Syed Makhdoom; P.K., Sarker, Pallab Kumer; S., Ali, Shafaqat; A., Naeem, Adan; E.M.A., Naeem, E. M.A.; N., Nazish, Nadia; K.M., Al-Anazi, Khalid Mashay; M.A., Farah, Mohammad Abul	Use of protexin as a probiotic-supplemented feed additive: assessment of growth, digestibility, serum antioxidant enzyme activity, and blood profile in Cirrhinus mrigala	2024	Frontiers in Sustainable Food Systems	8			
1304.	M.S.H., Akash, Muhammad Sajid Hamid; N., Rana, Nehal; S., Aslam, Sana; M.N., Ahmad, Matloob N.; M.J., Saif, Muhammad Jawwad; A., Asghar, Aneeza; S., Sultan, Sadia; S.A.,	Pyridylpiperazine -based carbodithioates as urease inhibitors: synthesis and biological evaluation	2024	Frontiers in Chemistry	12			

	Alâ€Hussain, Sami A.; A., Liaqat, Afifa; S., Zaib, Sumera							
1305.	A., Hameed, Aneela; F., Ashraf, Fartashia; M.J., Anwar, Muhammad Junaid; A., Amjad, Adnan; M.S., Hussain, Muzzamal Shujaat; M.A., Imran., Muhammad Asjad; A., Mujtaba, Ahmed; I., Ahmad, Ishtiaque; M.S., Aslam, Muhammad Shoaib; A.H., El-Ghorab, Ahmed H.	±-Amylase enzyme inhibition relevant to type II diabetes by using functional yogurt with Cinnamomum verum and Stevia rebaudiana	2024	Food and Agricultural Immunology	35	1		
1306.	S., Akbar, Samina; A., Rahman, Abdur; N., Ahmad, Nazir; M.A., Imran, Muhammad Ali; Z., Hafeez, Zeeshan	Understanding the Role of Polyunsaturated Fatty Acids in the Development and Prevention of Cancer	2024	Cancer Treatment and Research	191		57	93
1307.	M.S., Saeed, Muhammad Shahzad; B., Parveen, Bushra; N., Rasool, Nasir; K., Ghulam Ali, Kulsoom; K.S.,	Synthesis, characterization, inÂ vitro and in silico biological studies of 3d transition metal(II) chelates	2024	Journal of Coordination Chemistry	77	15-16	1860	1886

	Munawar, Khurram Shahzad	of a Schiff base derived from sulfamethazine and 3,5-diiodosalicylaldehyde						
1308.	M.Z., Nawaz, Muhammad Zeeshan; M.K., Kashif Zahoor, Muhammad Kashif; M., Shafique, Muhammad; R., Athar, Rasham; A., Yasmin, Aysha; M.A., Zahoor, Muhammad Asif	In vitro assessment of probiotic properties of lactic acid bacteria isolated from camel milk: enhancing sustainable foods	2024	Frontiers in Sustainable Food Systems	8			
1309.	M., Farhan, Muhammad; T., Wu, Taixia; S., Anwar, Sahrish; J., Yang, Jingyu; S.A.A., Naqvi, Syed Ali Asad; W.H., Soufan, Walid H.; A., Tariq, Aqil	Predicting Land Use Land Cover Dynamics and Land Surface Temperature Changes Using CA-Markov-Chain Models in Islamabad, Pakistan (1992-2042)	2024	IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing	17		1625 5	16271
1310.	A., Mughees, Anam; M.A., Kamran, Muhammad Asif; N., Mughees, Neelam; A.,	New Appliance Signatures for NILM Based on Mono-Fractal Features and Multi-Fractal	2024	IEEE Access	12		1089 86	109000

	Mughees, Abdullah; K., Ejsmont, Krzysztof	Formalism						
1311.	X., Huang, Xulei; N., Gull, Natalia; L., Hussain, Liaqat; R.R., Bazmi, Rizwan Rashid; A., Jamshed, Ayesha; R., Siddique, Rida; M.A., Riaz, Muhammad Asam; H.M.A., Rahman, Hafiz Muhammad Abdur	The Emerging Trend of Phytochemicals and Nutraceuticals-Based Traditional Medicines and Their Role in Chronic Disease Management	2024	Journal of Biological Regulators and Homeostatic Agents	38	1	31	45
1312.	M., Rasool, Maria; M.H., Rasool, Muhammad Hidayat; M., Khurshid, Mohsin; B., Aslam, B.	Biogenic synthesis and characterization of silver nanoparticles: exploring antioxidant and anti-Inflammatory activities and assessing antimicrobial potential against multidrug-resistant bacteria	2024	Asian Journal of Agriculture and Biology	2024	3		
1313.	F., Islam, Fakhar; F., Azmat, Faiza; A., Imran, Ali; M., Zippi, Maddalena;	Role of postbiotics in food and health: a comprehensive	2024	CYTA - Journal of Food	22	1		

	W., Hong, Wandong; F., Tariq, Fatima; U., Shehzadi, Umber; A., Fatima, Almeera; M., Safdar, Mahpara; H., Ahmed, Hiba	review						
1314.	I., Bashir, Iqra; M.H., Rasool, Muhammad Hidayat; M.U., Shafique, Muhammad Umair; K., Jabeen, Kokab; M.U., Qamar, Muhammad Usman	Exploring the antimicrobial efficacy of Manuka honey against multidrug-resistant and extensively drug-resistant Salmonella Typhi causing septicemia in Pakistan	2024	Future Microbiology	19	16	1377	1387
1315.	S.C., Izah, Sylvester Chibueze; M.C., Ogwu, Matthew Chidozie; M.M., Akram, Muhammad Mannan	Preface	2024	Reference Series in Phytochemistry	Part F3164		v	vi
1316.	S.C., Izah, Sylvester Chibueze; O.I., Ogidi, Odangowei I.; M.C., Ogwu, Matthew Chidozie; S.S., Saoban,	Historical Perspectives and Overview of the Value of Herbal Medicine	2024	Reference Series in Phytochemistry	Part F3164		3	35

	Salimon S.; Y.Z., Muhammad, Yusuf Zaharadeen; M.S., Akram, Muhammad Sohail; M.O., Raimi, Morufu Olalekan; A.A., Iyingiala, Austin Asomeji							
1317.	A., Mughees, Anam; M.A., Kamran, Muhammad Asif	Novel Fractal- Based Features for Low-Power Appliances in Non-Intrusive LoadMonitoring	2024	Computers, Materials and Continua	80	1	507	526
1318.	M., Irfan, Muhammad; I., Siddique, Imran; K.A., Gepreel, Khaled A.; M., Nazeer, Mubbashar; D., Abduvalieva, Dilsora; M.I., Khan, Muhammad Ijaz	Investigation of heat transfer phenomenon in a complex wavy divergent channel under the effects of thermal radiation, joule heating and electroosmosis	2024	Numerical Heat Transfer; Part A: Applications				
1319.	M.A., Butt, Muhammad Abdullah; R., Shukat, Rizwan; M.S., Afzaal, Muhammad Sohail; F., Saeed, F.; A., Imran, Ali; A.,	Comparative evaluation of the quality and safety attributes of local and branded beef seekh kabab	2024	Cogent Food and Agriculture	10	1		

	Ahmed, Aftab; F., Islam, Fakhar; S., Naz, Saima; H., Ateeq, Huda; A., Khan, Ahml							
1320.	T., Akhtar, Tayyaba; M.A., Imran, Muhammad A.; M.T., Akolade, Mojeed Taiwo; A., AkgÅ¼l, Ali	Unraveling heat transfer mechanisms in MoS2/SOâ''water nanofluid for flow over a stretching cylinder	2024	Numerical Heat Transfer, Part B: Fundamentals				
1321.	A., Irfan, Ali; Y.A., Bin Jordan, Yousef A.; L., Rubab, Laila; H., Hameed, Huma; A.F., Zahoor, Ameer Fawad; C.T., Supuran, Claudiu T.	Bacterial tyrosinases and their inhibitors	2024	Enzymes	56		231	260
1322.	R., Khan, Rimsha; H., Javed, Hasnain; W., Fatima, Warda; A., Ahsan, Ali; M.I.U., Khan, Malik Ihsan Ullah; S., Ahmad, Saeed; M., Khurshid, Mohsin	The Unspoken Wounds: Understanding the Psychological Impact on Healthcare Professionals Fighting COVID-19 in Pakistan	2024	Transboundary and Emerging Diseases	2024			
1323.	L., Bo, Li; S., Zhongping, Shen; T., Chao, Tan; T.H., Bo, Tan Hao; L., Zhen, Liu;	Towards green entrepreneurship : The role of financial openness in	2024	Natural Resources Forum				

	S.M.M.A., Naqvi, Syed Muhammad Muddassir Abbas	driving energy innovation in top carbon emitter economies						
1324.	N., Pervez, Nimra; A.R., Siddique, Ali Raza; M., Ahmad, Muhammad	ANALYZING LINGUISTIC VARIATIONS IN THE DISCUSSION SECTIONS OF PAKISTANI ENGLISH RESEARCH ARTICLES: A MULTIDIMENSIO NAL STUDY	2024	Linguistica Silesiana	45	1	103	134
1325.	M., Noreen, Mnaza; M.S., Bilal, Muhammad Sajjad; M.U., Qamar, Muhammad Usman; N., Rasool, Nasir; A., Mahmood, Abid; S.U., Din, Sobia Umar; T.A., Shah, Tawaf Ali; Y.A., Bin Jardan, Yousef A.; M., Bourhia, Mohamed; L., Ouahmane, Lahcen	Facile Synthesis of 5-Bromo-N- Alkylthiophene-2- Sulfonamides and Its Activities Against Clinically Isolated New Delhi Metallo- β - Lactamase Producing Klebsiella pneumoniae ST147	2024	Infection and Drug Resistance	17		2943	2955
1326.	M.A., Bilal Hussain, Muhammad A.; S., Ali, Shafaqat; S., Noureen,	VANILLIC ACID ALLEVIATES CHROMIUM TOXICITY IN	2024	Pakistan Journal of Botany	56	5	1841	1852

	Shamaila; M., Asrar Chaudhary, Muhammad; M., Zaheer Akbar, Muhammad	SPINACH (SPINACIA OLERACEA L.) AND LETTUCE (LACTUCA SATIVA L.) PLANTS IRRIGATED WITH DIFFERENT LEVELS OF TANNERY WASTEWATER						
1327.	B.S., Alotaibi, Badriyah Shadid; U., Saleem, Uzma; M., Farrukh, Maryam; S., Waseem, Sadaf; Z., Chauhdary, Zunera; I.A., Alsharif, Ifat A.; W.S., Alqahtani, Wedad Saeed; A.R., Alanzi, Abdullah R.; M.N., BinMowyna, Mona Nasser; M.A., Shah, Muhammad Ajmal	Chamuangone-rich rice bran oil ameliorates neurodegeneration in AlCl3/D-galactose model via modulation of behavioral, biochemical, and neurochemical parameters	2024	Italian Journal of Food Science	36	3	184	202
1328.	A., Rafique, Aisha; F., Amjad, Fatima; M.R.S.A., Janjua, Muhammad Ramzan Saeed Ashraf; S.A.R., Naqvi, Syed Ali	Chia seed-mediated fabrication of ZnO/Ag/Ag2O nanocomposites: structural, antioxidant,	2024	Frontiers in Chemistry	12			

	Raza; S., Ul-Hassan, Sadaf; H., Abdullah, Hanzla; M.S., Nazir, Muhammad Shahid; Z., Ali, Zulfiqar; A.A., Alshihri, Abdulaziz A.; M.A., Momenah, Maha Abdullah	anticancer, and wound healing studies						
1329.	M.J., Huntul, Mousa J.; I., Tekin, Ibrahim; M.K., Iqbal, Muhammad Kashif; M.A., Abbas, Muhammad Ali	An Inverse Problem of Reconstructing the Unknown Coefficient in a Third Order Time Fractional Pseudoparabolic Equation	2024	Annals of the University of Craiova, Mathematics and Computer Science Series	51	1	54	81
1330.	A., Sultan, Asad; U., Ahmad, Umair; Z., Islam, Ziaul; S., Ahmad, Shakoor; S., Naz, Shabana; I.A., Alhidary, Ibrahim Abdullah; S.H., Abdelrahman, Samia Hussein; A., Chandrasekaran, Ananthanarayanan	Effect of multi-strain probiotic supplementation as alternative to antibiotics on growth, blood biochemistry, ileal digestibility, bacterial growth, and gut histomorphology of broiler fed on poultry byproduct meal	2024	Journal of Applied Animal Research				
1331.	U., Batool, Uzma;	Physicochemical	2024	International Journal of Food Properties	27	1	1046	1063

	R., Nawaz, Rab; S.U., Ahmad, Sajjad U.; A., Irfan, Ali; M., Atif Irshad, Muhammad; M.U., Arshad, Muhammad Umair; A.M., Salamatullah, Ahmad Mohammad; A., Noor Shah, Ali; M., Dauelbait, Musaab; A., Rehman Butt, Afifa	properties and antioxidant potentials of leafy vegetables grown under different agroecological conditions						
1332.	M., Nuaman, Muhammad; M.S., Afzaal, Muhammad Sohail; F., Saeed, F.; A., Ahmed, Aftab; A., Asghar, Aasma; H., Kamilah, Hanisah; S., Hussain, Shahzad; C.T., Ndagire, Catherine Tamale	Survivability of probiotic under simulated gastrointestinal conditions as affected by synbiotic (alginate- arabinoxylan) encapsulation	2024	International Journal of Food Properties	27	1	19	30
1333.	A.S., Assiri, Adel Saad; A.H., Gumaei, Abdu H.; F., Mehmood, Faisal; T., Abbas, Touqeer; S., Ullah, Sami	DeBERTa-GRU: Sentiment Analysis for Large Language Model	2024	Computers, Materials and Continua	79	3	4219	4236

1334.	Z., Zafar, Zareen; Z., Ali, Zulfiqar; M., Nazeer, Mubbashar; M.I., Khan, Muhammad Ijaz; M.W., Ahmed Khan, M. Waleed; N.I., Kamolova, Nargiza I.; M.K., Gupta, Manish K.	Analyzing the impact of convective boundary conditions on fluidâ€™particle mixture flow in a ciliated walled horizontal tube filled with Rabinowitsch fluid	2024	Numerical Heat Transfer; Part A: Applications				
1335.	M., Rehan Ashraf, Muhammad; M., Hussain, Muzammal; M., Arfan Jaffar, Muhammad; W., Yousuf Ramay, Waheed; M.Y., Faheem, Muhammed Yasir	Revolutionizing Urdu Sentiment Analysis: Harnessing the Power of XLM-R and GPT-2	2024	IEEE Access	12		9977 9	99793
1336.	Z., Hussain, Zaryab; J., Xu, Jianzhong; F., Tchier, Fairouz; S., Talib, Sadia; U., Raza, Umar; M.B., Arshad, Muhammad Bilal	ESTIMATES FOR THE NORM OF THE SPHERICAL MAXIMAL OPERATOR ON FINITE GRAPHS	2024	Journal of Mathematical Inequalities	18	2	619	629
1337.	M., Fatima, Muqaddas; M., Sajid, Marina; H., Saima, Hafiza; M.T., Nadeem,	In vitro evaluation of spray and freeze- dried bovine colostrum	2024	International Journal of Food Properties	27	1	985	1002

	Muhammad Tahir; R.S., Shabir Ahmad, Rabia S.; S., Mehmood, Sajid; M.Z., Khalid, Muhammad Zubair; S., Ali Alharbi, Sulaiman; M.J., Ansari, Mohammad Javed; E.K.L., Mukonzo, Emery Kasongo Lenge	powder and their effects on the nutritional and functional properties						
1338.	A., Hussain, Afzaal; M., Adeel Zahid, Muhammad; U., Ahmed, Usama; S., Nazeer, Shahbaz; K., Zafar, Kashif; A., Rauf Baig, Abdul	Time-Series Data to Refined Insights: A Feature Engineering-Driven Approach to Gym Exercise Recognition	2024	IEEE Access	12		1003 43	100354
1339.	M., Bashir, Maryam; N., Ul Hassan, Najam; M.K., Ibrahim, Muhammad Khalid; H.M., Ali, Hayssam M.; M.H., Tahir, Mudassir Hussain; K., Naseem, Khalida; N., Sultana, Nargis; M.I., Tariq, Muhammad Ilyas;	Synergistic Interaction during Copyrolysis of Soybean Straw and Tire Waste: Improving Emissions and Product Quality	2024	ACS Omega				

	R.M., Irfan, Rana Muhammad; H., Zain, Hina							
1340.	A., Sajjad, Aqsa; S., Shah, Shahid; G., Abbas, Ghulam; A.S., Aslam, Ayesha Sabrina; F.A., Randhawa, Fawad Ahmad; H., Khurram, Haris; A.A., Assiri, Abdullah A.	Treatment gap and barriers to access mental healthcare among women with postpartum depression symptoms in Pakistan	2024	PeerJ	12	7		
1341.	A., Rahman, Abdul; N.A., Akram, Nudrat Aisha; M.U., Iqbal, Muhammad Usman	PHENOLIC COMPOUND VANILLIC ACID MODULATES GROWTH AND DEFENSE SYSTEM OF CABBAGE (BRASSICA OLERACEA VAR. CAPITATA L.) UNDER DROUGHT STRESS	2024	Pakistan Journal of Botany	56	5	1631	1644
1342.	M., Ismaeel, Muhammad; B., Parveen, Bushra; S.S., Dogar, Sana Shafique; K., Aftab, Kiran; K., Abbas, Kashif; K.S., Munawar, Khurram	Comparing green and conventional methods for Schiff base synthesis and unveiling environmental stability	2024	Journal of Coordination Chemistry	77	45910	921	959

	Shahzad	applications: a review						
1343.	I., Ahmed, Ishtiaq; M., Asgher, Muhammad; N., Nazish, Nadia; S.M., Hussain, Syed Makhdoom; M.Q., Bilal, Muhammad Qamar; R., Parra-SaldÃvar, Roberto; H.M., Iqbal, Hafiz M.N.	Biotransformation of Lignocellulosic-Based Biomass Waste into Value-Added Energy Products	2024	Handbook of Environmental Chemistry	131		437	451
1344.	K., Saeed, Kanza; M.F., Jahangir Chughtai, Muhammad Farhan; A., Khaliq, Adnan; A., Liaqat, Atif; T.J., Mahmood, Tariq Janjua; M.Z., Khalid, Muhammad Zubair; E.K.L., Mukonzo, Emery Kasongo Lenge	Impact of extraction techniques and process optimization on antioxidant and antibacterial potential of Kalanchoe pinnata leaf extract	2024	International Journal of Food Properties	27	1	909	926
1345.	A., Shaheen, Abida; M.J., Hasan, Md Jahid; M.A., Imran, Muhammad Ali; H.M., Waqas, Hassan M.; T., Muhammad, Taseer	Hydrothermal properties with entropy generation effects on a hybrid nanofluid considering thermal radiation	2024	Numerical Heat Transfer; Part A: Applications				

		on a stretching/shrinki ng sheet						
1346.	N., Fatima, Nayab; S., Riaz, Shazia; S., Ali, Saqib; R.U., Khan, Rafi Ullah; M., Ullah, Mohib; D., Kwak, Daehan	Sensors Faults Classification and Faulty Signals Reconstruction Using Deep Learning	2024	IEEE Access	12		100544	100558
1347.	Y., Iftikhar, Yasir; M., Mubeen, Mustansar; Q., Shakeel, Qaiser; I., Lalarukh, Irfana; A., Ali, Amjad; M., Aasim, Muhammad; M.A., Zeshan, Muhammad Ahmad; T., Zulfiqar, Tayyab; S.K.N., Alhag, Sadeq Khalid Nessr; L.A.M., Al-Shuraym, Laila Ali M.	Spatial Distribution and Molecular Characterization of Huanglongbing and its Vector in Various Citrus Cultivars	2024	Pakistan Journal of Agricultural Sciences	61	2	685	694
1348.	Q., Ali, Qasim; R., Perveen, Rashida; F., Saeed, Farah; H., Manzoor, Hunaina; S., Ali, Shafaqat; M.I., Hussain, Muhammad	Enhancing water stress tolerance of bread wheat during seed germination and seedling emergence: caffeine-induced	2024	Frontiers in Plant Science	15			

	Iftikhar; A.A., Ahmad, Ajaz A.	modulation of antioxidative defense mechanisms						
1349.	M., Afreen, Munazza; F., Haq, Fazlul; B.G., Mark, Bryan Greenwood	Hazards profile of the Shigar Valley, Central Karakoram, Pakistan: Multicriteria hazard susceptibility assessment	2024	Acta Universitatis Carolinae, Geographica	59	1	77	92
1350.	S.M., Hussain, Saddam M.; M., Asrar, Muhammad; U., Saleem, Usama; D., Hussain, Dilbar; M.S., Qadir, Muhammad Sohail; M.J., Saleem, Muhammad J.; R., Ali, Rashid; Z., Javed, Zeeshan; M., Saleem, Mubshar	Termites Onslaught in Pakistan: An In Depth Review of Agricultural Impacts	2024	Pakistan Journal of Agricultural Research	37	2	146	157
1351.	A., Ali, Azhar; I.A., Shaikh, Irfan Ahmed; S.R., Ahmad, Sajid Rashid; M.B., Shakoor, Muhammad Bilal; J.W.H., Yong, Jean	Application of effluent reduction methods and treatment using advanced oxidation process at leather	2024	Frontiers in Environmental Science	12			

	Wan Hong; M.S., Rizwan, Muhamamd Shahid; F., Samina, Faiza	chemicals and tanning industries						
1352.	N., Anjum, Naveed; J., He, Jihuan	Geometric potential in nano/microelectromechanical systems: Part I mathematical model	2024	International Journal of Geometric Methods in Modern Physics				
1353.	N., Yaqoob, Nazia; S., Rehman, Saima; N., Shafiq, Nusrat; M.M., Mohsin, Muhammad Mubeen; A., Akbar, Aleena; S., Ibenmoussa, Samir; G.F., Wondmie, Gezahign Fentahun; Y.A., Bin Jordan, Yousef A.; M., Bourhia, Mohamed	Synthesis and characterization of antioxidant-enriched Moringa oil-based edible oleogel	2024	Open Chemistry	22	1		
1354.	M., Nazeer, Mubbashar; N.M., Sarhan, Nadia Mohamed; Z., Zafar, Zareen; Z., Ali, Zulfiqar; M., Norberdiyeva, Muyassar; M.I.,	Thermal transport characteristics of fluid-particle suspension in a vertical uniform tube: A computational	2024	Numerical Heat Transfer; Part A: Applications				

	Khan, Muhammad Ijaz	study on Rabinowitsch fluid with uniform heat source						
1355.	A., Hafeez, Abdul; S., Ullah, Saad; S., Naz, Shabana; A.F., Alrefaei, Abdulwahed Fahad; R.U., Khan, Rifat Ullah; S.H., Abdelrahman, Samia Hussein; C., Losacco, C.; M., Selvaggi, Maria	Effect of dietary polyphenol rich grape (Vitis vinifera) seed extract supplementation on production performance, egg quality, plasma MDA, reproductive performance and faecal microbiota of golden laying hens	2024	Journal of Applied Animal Research	52	1		
1356.	A.M.M., Hassan, Abu Md Mehdi; M.I., Asif, Muhammad Ibrar; T., Hussain, Tariq; R., Sajjad, Rida; F., Yasmin, Farzana; M.U., Khandaker, Mayeen Uddin	Pyrolysis of municipal solid waste: Kinetics and thermodynamic parameters via Coats-Redfern method	2024	Applied Chemical Engineering	7	2		
1357.	A., Ahmad, Aaqil; A., Sultan, Asad; S., Naz, Shabana; N., Chand, Naila; Z., Islam, Ziaul; I.A.,	Growth performance, nutrients digestibility, intestinal	2024	Veterinary Quarterly	44	1	1	8

	Alhidary, Ibrahim Abdullah; R.U., Khan, Rifat Ullah; S.H., Abdelrahman, Samia Hussein; S., Dai, Sifa	microbiota and histology altered in broilers fed maize- or sorghum-based diets						
1358.	S., Humayun, Shazia; S., Saleem, Sharjeel; M.U., Azeem, Muhammad Umer; G., Murtaza, Ghulam; I.U., Ul Haq, Inam Ul	Paradigm shift in sustained employability: relevance of workaholism, job insecurity, job crafting, and presenteeism	2024	International Journal of Human Resource Management	35	16	2705	2741
1359.	M.B., Shakoor, Muhammad Bilal; U., Khalil, Usman; S., Ali, Shafaqat; F., Sharif, Fakhra; S.R., Ahmad, Sajid Rashid; M.S., Rizwan, Muhamamd Shahid; A.L., Jilani, Asim L.; K.A., Al- Ghanim, Khalid Abdullah; P.K., Sarker, Pallab Kumer	Microwave- assisted magnetic biochar for removal of hexavalent chromium from aqueous solution	2024	Environmental Pollutants and Bioavailability	36	1		
1360.	K., En-Nagre, Khalid; M., Aqnouy, Mourad; A., Ouarka, Ayoub; S.A.A., Naqvi, Syed	Assessment and prediction of meteorological drought using machine learning	2024	Climate Risk Management	45			

	Ali Asad; I., Bouizrou, Ismail; J.E., Stitou El Messari, Jamal Eddine; A., Tariq, Aqil; W.H., Soufan, Walid H.; W., Li, Wenzhao; H.M., El- Askary, Hesham M.	algorithms and climate data						
1361.	N., Iftikhar, Nosheen; S., Perveen, Shagufta; B., Ali, Baber; M.H., Saleem, Muhammad Hamzah; M.K., Al- Sadoon, Mohammad Khalid	Physiological and biochemical responses of maize (Zea mays L.) cultivars under salinity stress	2024	Turkish Journal of Agriculture and Forestry	48	3	332	343
1362.	S.M., Hussain, Syed Makhdoom; S., Akhtar, Shoaib; S.Z.H., Shah, Syed Zakir Hussain; M.M., Shahzad, Muhammad Mudassar; A., Naeem, Adan; E.M.A., Naeem, E. M.A.; Z., Yousaf, Zeeshan	Evidence of Microplastics in Gut Content of Grass Carp (Ctenopharyngod on idella) Fingerlings and their Effects on Growth Performance and Body Composition	2024	Brazilian Archives of Biology and Technology	67			
1363.	A., Siddiqua, Ayesha; S., Ullah, Shakeeb; M.S., Khan, Muhammad	Therapeutic use of biologically produced sulfur nanoparticles	2024	Biodiversitas	25	6	2348	2354

	Shuaib; S.U., Rehman, Saifur Ur; A.A., Abubakar, Adamu Abdul; K., Safdar, Kamran; S., Ali, Sumera; S., Javaria, Sadaf; A., Kanwal, Arzo; S.N., Batool, Syeda Nayab	from Allium fistulosum against antibiotic- resistant foodborne pathogens						
1364.	H., Zhu, Hui; X., Zhou, Xiaoli; C., Shen, Caihong; Z., Ao, Zonghua; X., Cao, Xiaonian; C., Song, Chuan; M.A., Mehmood, Muhammad Aamer; T., Wu, Tao; J., Mei, Jie; M., He, Manli	Bacillus licheniformis- based intensive fermentation of Tibetan tea improved its bioactive compounds and reinforced the intestinal barrier in mice	2024	Frontiers in Microbiology	15			
1365.	M.O., Ayemowa, Matthew Ojo; R.B., Ibrahim, Roliana Binti; M.M., Khan, Muhammad Murad	Analysis of Recommender System Using Generative Artificial Intelligence: A Systematic Literature Review	2024	IEEE Access	12		8774 2	87766
1366.	A., Sultan, Asad; S., Murtaza, Syed; S., Naz, Shabana; Z., Islam, Ziaul; A.F., Alrefaei,	Live performance, nutrient digestibility, immune	2024	Veterinary Quarterly	44	1	1	9

	Abdulwahed Fahad; R.U., Khan, Rifat Ullah; S., H Abdelrahman, Samia; A., Chandrasekaran, Ananthanarayanan	response and fecal microbial load modulation in Japanese quails fed a Bacillus-based probiotic alone or combination with xylanase						
1367.	M.S., Kondeva-Burdina, Magdalena S.; E., Mateev, Emilio; A., Irfan, Ali; H., Kuteva, Hristina; M.B., Georgieva, Maya B.	Evaluation of the inhibition performance of pyrrole derivatives against CYP450 isoforms	2024	Pharmacia	71		1	6
1368.	A., Munir, Arslan; M., Vivas-Cortez, Miguel; A., Qayyum, Ather; H., Budak, HÂ"Useyin; I., Faiz, Irza; S.S., Supadi, Siti Suzlin	Some new fractional corrected Euler-Maclaurin type inequalities for function whose second derivatives are s-convex function	2024	Mathematical and Computer Modelling of Dynamical Systems	30	1	543	566
1369.	Y., Bilal, Yasir; S., Hussain, Sabir; M.S., Shahid, Muhammad Shafiq; T., Shahzad, Tanvir; F., Mahmood, Faisal	Analysis of the azoreductase gene harbored by Alcaligenes sp. YB4 capable of concurrent removal of sulphonated azo	2024	Asian Journal of Agriculture and Biology	2024	3		

		dye and hexavalent chromium						
1370.	B., Sana, Bushra; N., Chand, Naila; S., Naz, Shabana; I.A., Alhidary, Ibrahim Abdullah; R.U., Khan, Rifat Ullah; S., Shamsi, Shamsuddin; C., Losacco, C.; V., Tufarelli, Vincenzo	Effects of hempseed (Cannabis sativa L.) in diet on growth, gut health, and immunity in broilers	2024	Veterinary Quarterly	44	1	1	10
1371.	S., Javed, Sadia; M.W., Mazhar, Muhammad Waqar; N.Y., Yusof, Nik Yusnoraini; M.B.M., Rehan, M. B.M.; R.M., Mohamed Hanaphi, Roziana Mohamed; N.S.H.N., Ahmad, Nur Syamsina H.N.; A.S., Yaakob, A. S.; H.C., Harun, H. C.; T.M., Aziz, Tariq M.; M.S., Alharbi, Metab S.	COMPARATIVE EFFECT OF RHIZOSPHERIC AND ENDOPHYTIC BACTERIA ON TCP AND CaCO ₃ SOLUBILIZATION AND GROWTH PROMOTION OF WHEAT (TRITICUM AESTIVUM L.)	2024	Applied Ecology and Environmental Research	22	3	2455	2472
1372.	G., Pugliese, Gianluca; C., Losacco, C.; V., Roselli, Vincenzo;	Lentil (Lens culinaria) and its by-products inclusion in	2024	Journal of Applied Animal Research	52	1		

	V., Laudadio, Vito; L., Piemontese, Luca; S., Naz, Shabana; S., Abdelrahman, Saima; V., Tufarelli, Vincenzo	livestock nutrition: present insights and emerging trends in rabbit and poultry system						
1373.	M.N., Faisal, Muhammad Naeem; S.M., Hussain, Syed Makhdoom; P.K., Sarker, Pallab Kumer; S., Ali, Shafaqat; K.A., Al-Ghanim, Khalid Abdullah; Z., Yousaf, Zeeshan	Utilization of Moringa oleifera leaf meal as a protein source in diets for Cirrhinus mrigala: effects on growth, body composition, and hematology	2024	Frontiers in Sustainable Food Systems	8			
1374.	N., Samad, Noreen; U., Ejaz, Umer; S., Kousar, Saba; A.A., Al-Mutairi, Aamal A.; A., Khalid, Arslan; Z.S., Amin, Zeemal Seemab; S., Bashir, Shahzad; S.A., Al-Hussain, Sami A.; A., Irfan, Ali; M.E.A., Zaki, Magdi A.	A novel approach to assessing the antioxidant and anti-diabetic potential of synthesized calcium carbonate nanoparticles using various extracts of Ailanthus altissima	2024	Frontiers in Chemistry	12			
1375.	N., Zhang, Nan; E., Addai, Emmanuel; M.N., Mezue, Mary	A fractional control model to study Monkeypox	2024	International Journal of Biomathematics				

	Nwaife; S., Rashid, Saima; A., Akinnubi, Abiola; Z., Abdul-Hamid, Zalia; J.K.K., Asamoah, Joshua Kiddy Kwasi	transport network-related transmission						
1376.	M.Y., Siddique, Muhammad Yasir; S., Zafar, Sehrish; L., Rizwan, Linta; M.A., Saleem, Muhammad Atif; S., Haider, Sajjad; W., Azeem, Waqar; K., Alam, Kamran; Y., Iqbal, Yasir; S.H., Sumrra, Sajjad Hussain; M.F., Nazar, Muhammad Faizan	Formulation and structural insight of biocompatible microemulsion for enhanced release profile of anticancer methotrexate	2024	Frontiers in Materials	11			
1377.	A., Munir, Arslan; A., Qayyum, Ather; S.S., Supadi, Siti Suzlin; H., Budak, HÂ"Useyin; I., Faiz, Irza	A study of improved error bounds for Simpson type inequality via fractional integral operator	2024	Filomat	38	10	3415	3427
1378.	L., Gao, Lixia; Q., Ali, Qamar; M.R., Yaseen, Muhammad Rizwan; M.S.A., Makhdum,	Global nexus between tourism and sustainable futures: the role of economic growth,	2024	Environment, Development and Sustainability				

	Muhammad Sohail Amjad; S.A., Sarkodie, Samuel Asumadu; M., Nisa, Madeeha; M.T.I., Khan, Muhammad Tariq Iqbal	globalization and renewables						
1379.	S., Kharal, Sadia; F., Siddique, Farzana; M.S., Arshad, Muhammad Shakeel; N., Aziz, Nida; W., Khalid, Waseem; M.Z., Khalid, Muhammad Zubair; A., Jamal, Athar; G.G., Hailu, Gebremichael Gebremedhin; S., Ali Alharbi, Sulaiman; M.J., Ansari, Mohammad Javed	Comparative analysis of phytochemical compounds, antioxidant potential, and in vitro antibacterial activity of Zahidi date parts from Pakistan	2024	International Journal of Food Properties	27	1	799	814
1380.	Y., Chu, Yuming; S., Sultana, Sobia; S., Karim, Shazia; S., Rashid, Saima; M.S., Alharthi, Mohammed Shaaf	A New Scheme of the ARA Transform for Solving Fractional-Order Waves-Like Equations Involving Variable Coefficients	2024	CMES - Computer Modeling in Engineering and Sciences	138	1	761	791
1381.	M., Hayat, Minahil; S.A.R., Bukhari,	Zero-valent Iron Nanoparticles:	2024	Current Pharmaceutical Biotechnology	25	11	1362	1376

	Sayyad Ali Raza; M.I., Ashraf, Muhammad Irfan; S., Hayat, Sumreen	Biogenic Synthesis and their Medical Applications; Existing Challenges and Future Prospects						
1382.	M.N., Faisal, Muhammad Naeem; S.M., Hussain, Syed Makhdoom; M.I., Hussain, Majid I.; M.Z., Ul Hassan Arsalan, Muhammad Zubair; Z., Yousaf, Zeeshan; M.S., Amjad, Muhammad Shoaib	Potential of Moringa oleifera Leaf Meal as Substitute of Fishmeal on Performance of Catla catla Fingerlings Reared in Earthen Ponds	2024	Pakistan Journal of Zoology	56	4	1509	1517
1383.	H., AkÅÿit, HÅ¼seyin; A., Rasul, Azhar; S., Adem, Sevki; C., GÅ¼ler, Caglar; Å¸., DemirtaÅ¸, Å¸brahim	Activation Effect of 2-Î²-hydroxy Manoyl Oxide Isolated from Sideritis perfoliata on Carbonic Anhydrase Isoenzymes I and II	2024	Current Bioactive Compounds	20	4	82	89
1384.	J., Aslam, Jawaria; H.M., Ali, Hafiz Muhammad; S.M., Hussain, Shujaat	Effectiveness of cephalosporins in hydrolysis and inhibition of	2024	Journal of Veterinary Science	25	3		

	M.; M.Z., Ahmad, Muhammad Zishan; A.B., Siddique, Abu Baker; M.U., Shahid, Muhammad Usman; M.I., Shahzad, Mirza Imran; H., Fatima, Hina; S., Tariq, Sarah; F., Sadiq, Fatima	Staphylococcus aureus and Escherichia coli biofilms						
1385.	J., Zhang, Jiangsheng; A., Saeed, Ayesha; M., Hussain, Musaddique; R., Siddique, Rida; H., Xu, Hao; R.R., Bazmi, Rizwan Rashid; L., Hussain, Liaqat; J., Chen, Junbo	Aqueous Ethanolic Extract of Inonotus obliquus Ameliorates Polycystic Ovarian Syndrome by Modulating Oxidative Stress and Downregulating TNF- α and Interleukin-6	2024	Journal of Food Biochemistry	2024			
1386.	M., Mubeen, Muhammad; H.M., Arslan, Hafiz Muhammad; K., Ashfaq, Khurram; A., Nisar, Asad; H.M., Azeem, Hafiz	Bridging the Sustainability Gap: Unraveling the Interplay of Sustainability Disclosure and Cost of Debt	2024	Pakistan Journal of Commerce and Social Sciences	18	1	181	225

	Muhammad; A., Riaz, Adil							
1387.	Z., Iqbal, Zafar; M., Masood, Mariyam; M., Shafiq, Muhammad; R.W., Briddon, Rob William	Temporal changes in the levels of virus and betasatellite DNA in B. tabaci feeding on CLCuD affected cotton during the growing season	2024	Frontiers in Microbiology	15			
1388.	B.S., Alotaibi, Badriyah Shadid; U., Saleem, Uzma; A., Ahmad, Aqsa; Z., Chaudhary, Zunera; M., Farrukh, Maryam; R.O.S., Khayat, Rana Osama S.; I.A., Alsharif, Ifat A.; T.A.S., Baokbah, Tourki A.S.; A.E., Albalawi, Aishah Eid; N.A., Althobaiti, Norah Ayidh	Chamuangone- enriched rice bran oil ameliorates neurodegenerati on in haloperidol- induced Parkinsonian rat model via modulation of neuro- inflammatory mediators and suppression of oxidative stress markers	2024	Italian Journal of Food Science	36	2	163	180
1389.	S.A., Faran, Syed Ali; T., Hussain, Tanveer; S.H., Khalid, Syed Haroon; I.U., Khan, Ikram Ullah; M., Asif, Muhammad;	Bile acid/fatty acid integrated nanoemulsomes for nonalcoholic fatty liver targeted lovastatin	2024	Expert Opinion on Drug Delivery	21	5	779	796

	null; A., Rehman, Abdul; S., Asghar, Sajid	delivery: stability, in-vitro, ex-vivo, and in-vivo analyses						
1390.	N., Amjad, Nosheen; M.S., Naseer, Muhammad Sadiq; A., Imran, Ali; S.V., Menon, Soumya V.; A., Sharma, Aakash; F., Islam, Fakhar; S., Tahir, Saleha; M.A., Shah, Mohd Asif	A mini-review on the role of bacteriophages in food safety	2024	CYTA - Journal of Food	22	1		
1391.	Y., Chu, Yuming; M.U., Awan, Muhammad Uzair; M.Z., Javed, Muhammad Zakria; K., Brahim, Kamel; M.A., Noor, Muhammad Aslam; M., Raïssouli, Mustapha; A.G., Khan, Awais Gul	ANALYTIC INEQUALITIES INVOLVING WEIGHTED EXPONENTIAL Î“BETA FUNCTIONS AND APPLICATIONS	2024	Journal of Mathematical Inequalities	18	1	79	101
1392.	H., Ghazal, Huma; A., Waqar, Aimen; F., Yaseen, Faiza; M., Shahid, Muhammad; M., Sultana, Mahnoor; M., Tariq, Mehlayl; M.K., Bashir,	Role of nanoparticles in enhancing chemotherapy efficacy for cancer treatment	2024	Next Materials	2			

	Muhammad Kamran; H., Tahseen, Hira; T., Raza, Tehreem; F., Ahmad, Farooq							
1393.	N., Anjum, Naveed; J., He, Jihuan	A Dual Lagrange Multiplier Approach for the Dynamics of the Mechanical Systems	2024	Journal of Applied and Computational Mechanics	10	3	643	651
1394.	Y., Zhang, Yarong; N., Anjum, Naveed; D., Tian, Dan; A.A., Alsolami, Abdulrahman Ali	FAST AND ACCURATE POPULATION FORECASTING WITH TWO-SCALE FRACTAL POPULATION DYNAMICS AND ITS APPLICATION TO POPULATION ECONOMICS	2024	Fractals	32	5		
1395.	A., Sultan, Asad; S., Bibi, Sidra; S., Naz, Shabana; Z., Islam, Ziaul; A.F., Alrefaei, Abdulwahed Fahad; R.U., Khan, Rifat Ullah; S.H., Abdelrahman, Samia Hussein; M., Selvaggi, Maria	Effect of anise seed (Pimpinella anisum L.) and protease alone or in combination on growth performance, carcase characteristics, humoral immunity, nutrients	2024	Food and Agricultural Immunology	35	1		

		digestibility and cecal microbiota in Japanese quails						
1396.	M.S., Tahir, Muhammad Sufhan; A.H., Gondal, Aqarab Husnain; H., Tariq, Hira; A.I., Shah, Adeel Ijaz; M.N., Ali, Muhammad Numan; Z.A., Bajwa, Zahid Asghar	Role of genetically modified organisms in food, crop production, their regulations, and controversy	2024	CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources	19	1		
1397.	M.H.F., Qureshi, Muhammad Haidar Farooq; F., Azam, Fakhra; M.U., Shafique, Muhammad Umair; B., Aslam, B.; M.Z., Farooq, Muhammad Zahid; A.U., Rehman, Aziz Ur; M.K., Rafique, Muhammad Kamran; M.T., Meraj, Muhammad Tahir; I., Ahmed, Ishtiaq	A One Health Perspective of Pet Birds Bacterial Zoonosis and Prevention	2024	Pakistan Veterinary Journal	44	1	1	8
1398.	R., Jabeen, Riffut; S., Mehmood, Shahid; M.,	The Role of Green HRM on Environmental	2024	Journal of Chinese Human Resources Management	15	2	70	90

	Ahmed, Masood; T., Ghani, Tuba; Z.K., Javaid, Zartashia Kynat; J., Popp, JÃ³zsef	Performance: Mediating Role of Green Ambidexterity and Green Behavior and Moderating Role of Responsible Leadership						
1399.	R.P.D., Mungmunpuntipan tip, Rujittika Ph D.; V., Wiwanitkit, Viroj	Bioinformatics approach for searching for natural products in vector-borne disease management	2024	Northern Clinics of Istanbul	11	2	171	176
1400.	S., Khalid, Sara; J.H., Shah, Jamal Hussain; M.I., Sharif, Muhammad Irfan; F., Dahan, Fadl; R., Saleem, Rabia; A., Masood, Anum	A Robust Intelligent System for Text-Based Traffic Signs Detection and Recognition in Challenging Weather Conditions	2024	IEEE Access	12		7826 1	78274
1401.	H., Fang, Hui; T., Shan, Tingyu; H., Gu, Haijing; J., Chen, Junyu; Y., Qi, Yingxiao; Y., Li, Yexiong; M.U., Saeed, Muhammad Usama; J., Yuan, Jinchao; P., Li, Ping;	Identification and characterization of ACR gene family in maize for salt stress tolerance	2024	Frontiers in Plant Science	15			

	B., Wang, Baohua							
1402.	M.S., Nazir, Muhammad Shahid; M.N., Ahmad, Matloob N.; S., Aslam, Sana; A., Rafiq, Ayesha; S.A., Alâ€™Hussain, Sami A.; M.E.A., Zaki, Magdi Eâ€œ A.	A Comprehensive Update of Anti-COVID-19 Activity of Heterocyclic Compounds	2024	Drug Design, Development and Therapy	18		1547	1571
1403.	S., Saleem, Saneela; Z., Khan, Zahra; I., Hussain, Imtiaz; F., Khan, Faran; F., Al-Asmari, Fahad; F.A., Khan, Faima Atta; A.A., Zafar, Alyan Ali; M.A., Rahim, Muhammad Abdul; E., Zongo, Eliasse; M.F., Ramadan, Mohamed Fawzy	Evaluating the effect of vitamin D3 fortification on physicochemical and sensory properties of yogurt	2024	Cogent Food and Agriculture	10	1		
1404.	M., Rehman, Maryam; M.S., Shahid, Muhammad Shafiq; S., Mahmood, Saqib; Q., Ali, Qasim; M., Azeem, Muhammed	Modulation of Growth and Antioxidative Defense Mechanism in Wheat (Triticum aestivum L.) Mediated by Plant-Beneficial Strain	2024	Applied Sciences (Switzerland)	14	1		

		Pseudomonas veronii MR-15 under Drought Conditions						
1405.	M.J., Huntul, Mousa J.; K., Khonatbek, Khompys; M.K., Shazyndayeva, M. K.; M.K., Iqbal, Muhammad Kashif	An inverse source problem for a pseudoparabolic equation with memory	2024	AIMS Mathematics	9	6	1418 6	14212
1406.	K., Khonatbek, Khompys; M.J., Huntul, Mousa J.; M.K., Shazyndayeva, M. K.; M.K., Iqbal, Muhammad Kashif	An inverse problem for pseudoparabolic equation: existence, uniqueness, stability, and numerical analysis	2024	Quaestiones Mathematicae	47	10	1979	2001
1407.	D., Riaz, Danish; S.M., Hussain, Syed Makhdoom; M.I., Hussain, Majid I.; M.Z.U.H., Arsalan, Muhammad Zubair Ul Hassan; E.M.A., Naeem, E. M.A.	Probiotics Supplementation for Improving Growth Performance, Nutrient Digestibility and Hematology of Catla catla Fingerlings Fed Sunflower Meal-Based Diet	2024	Pakistan Journal of Zoology	56	3	1369	1377
1408.	N., Fatima, Noor; A., Muhammad,	Untangling the Influencing	2024	Operations and Supply Chain Management	17	1	104	122

	Abrar; M.A., Shahbaz, Muhammad Ali	Factors of Intention to Adopt Green Supply Chain Management Practices: An Integration of Toe Framework and Self- Determination Theory						
1409.	A., Hussain, Ashiq; M.R., Arif, Muhammad Rehan; A., Ahmed, Adnan; I., Fiaz, Iqra; N., Zulfiqar, Nabeela; M.Q., Ali, Muhammad Qasim; N., Firdous, Nida; H., Fatima, Haya; A., Shehzad, Anjum; A.E., Elkhedir, Abdeen Elsiddig	Evaluation of Leaves, Flowers, and Seeds of Coriander (Coriandrum sativum L.) through Microwave Drying and Ultrasonic- Assisted Extraction, for Biologically Active Components	2024	Journal of Food Processing and Preservation	2024			
1410.	S.A., Ghaffar, Sana Abdul; H., Tahir, Haneen; S., Muhammad, Sher; M.S., Shahid, Muhammad Shafiq; T., Naqqash, Tahir; M.,	Designing of a multi-epitopes based vaccine against Haemophilus parainfluenzae and its validation through	2024	Frontiers in Immunology	15			

	Faisal, Muhammad; T.H., Albekairi, Thamer H.; A.M., Alshammari, Abdulrahman Mohammed; N.A., Albekairi, Norah A.; I., Manzoor, Irfan	integrated computational approaches						
1411.	M., Hussain, Mussarat; J., Tariq, Jawad; T., Ahmed Lak, Tauqeer; A., Seemi Malik, Asma; M.A., Nadeem, Mudasar Ali; A., Sohail, Aamir	Integrative model of spirituality, social support, and altruism in carers resilience management: an empirical study of elderly cancer patientsâ€™ carers in Pakistan	2024	Journal of Religion, Spirituality and Aging				
1412.	S., Rahman, Shahroz; A.R., Ikram, Abdul Rehman; F., Azeem, Farrukh; M., Tahir Ul Qamar, Muhammad; T., Shaheen, Tayyaba; n., Mehboob-Ur-Rahman	Precision Genome Editing with CRISPR-Cas9	2024	Methods in Molecular Biology	2788		355	372
1413.	F., Mustafa, Fakhar; R.A.K., Sherwani, Rehan Ahmad Khan; M.A.,	Designing a cumulative sum control chart using generalised	2024	European Journal of Industrial Engineering	18	5	637	668

	Raza, Muhammad Ali	Conway-Maxwell-Poisson distribution for monitoring the count data						
1414.	B., Ahmad, Bashir; A.A., Khan, Ayaz Ali; M.U., Rehman, Maqsood Ur; u., Abdullah, undefined; M., Siraj, Muhammad; A.M., Ali, Akbar M.; A., Sarwar, Abid; J., Naseeb, Jasra; A.F., Alasmari, Abdullah F.	Evaluation of analgesic, antioxidant, and anti-inflammatory potential of <i>Dianthus crinitus</i> using mice as a research animal	2024	Italian Journal of Food Science	36	2	38	47
1415.	A., Munir, Arslan; H., Budak, H��useyin; I., Faiz, Irza; S., Qaisar, Shahid	Generalizations of Simpson type inequality for $(\hat{I}_\pm, m)$ -convex functions	2024	Filomat	38	10	3295	3312
1416.	S.M., Hussain, Syed Makhdoom; H.H., Shafqat, Hafiza Hina; M.N., Faisal, Muhammad Naeem; M., Saleem, Mahnoor; Z., Yousaf, Zeeshan; M.S., Amjad, Muhammad Shoaib	Substitution of Fish Oil with Selected Dietary Oils: Effects on Growth Performance, Nutrie Digestibility and Body Composition of <i>Catla catla</i> Fingerlings	2024	Pakistan Journal of Zoology	56	3	1193	1200

1417.	M.Z.K.A., Raimi, Mouhamed Zakiou Kolawole Adissa; G.S., Hussain, Ghulam Sabir; N., Zafeer, Nousheen; F., Ahmad, Faheem; M., Irfan, Muhammad; A., Ullah, Anwar; I., Kaleem, Imdad; A., Shabbir, Asghar	Honey and Black Seed Synergistically Promote Regeneration of Oligodendrocytes in Cuprizone Intoxicated Quail Brain	2024	Pakistan Journal of Zoology	56	3	1163	1173
1418.	A., Yang, Anyu; M.S., Hanif, Muhammad Shehzad	Visual resource extraction and artistic communication model design based on improved CycleGAN algorithm	2024	PeerJ Computer Science	10		1	18
1419.	S., Saeed, Sadaf; I., Shahzadi, Irum; A.F., Zahoor, Ameer Fawad; A.A., Al-Mutairi, Aamal A.; S., Kamal, Shagufta; S., Faisal, Shah; A., Irfan, Ali; S.A., Alâ€™Hussain, Sami A.; M.T., Muhammed, Muhammed	Exploring theophylline-1,2,4-triazole tethered N-phenylacetamide derivatives as antimicrobial agents: unraveling mechanisms via structure-activity relationship, in vitro validation,	2024	Frontiers in Chemistry	12			

	Tilahun; M.E.A., Zaki, Magdi Eâ€œ A.	and in silico insights						
1420.	S., Akram, Sidra; M.F., Afzal, Muhammad Faizan; K., Anwer, Kainat; L., Farman, Laiba; M.W., Zubair, Muhammad Waqas; S., Kousar, Safura; T., Iqbal, Touseef; W., Khalid, Waseem; M.A.O., Elawad, Mohammed Ahmed O.; A.A., Ahmed, Alshebli A.	Nutraceutical properties, biological activities, and industrial applications of chickpea protein	2024	Cogent Food and Agriculture	10	1		
1421.	S.A., Bukhari, Shazia Anwer; N., Farah, Nabila; G., Mustafa, Ghulam; S., Ahmed, Sibtain; M.F., Albeshr, Mohammed Fahad	Biopriming of Momordica charantia Seeds with Enterobacter to Improve Nutritional and Biochemical Attributes	2024	Journal of Food Quality	2024			
1422.	A.K., Durrani, Azka Khan; M., Khalid, Momina; A., Raza, Awais; I., Faiz Ul Rasool, Izza; W., Khalid, Waseem; M.N., Akhtar,	Clinical improvement, toxicity and future prospects of Î²-sitosterol: a review	2024	CYTA - Journal of Food	22	1		

	Muhammad Nadeem; A., Ahmad Khan, Ammar; Z., Abdullah, Zunair; B., Khadijah, Babirye							
1423.	K., Farooq, Komal; Z., Anwar, Zahid; W., Khalid, Waseem; S., Hasan, Shoaib; F., Afzal, Fareed; M., Zafar, Muddassar; U., Ali, Usman; O.A., Alghamdi, Othman A.; A.M.H., Al-Farga, Ammar Mohammed Hamood; S.M., Al-Maaqar, Saleh Mohammed	Optimization and Detergent Compatibility of Protease Produced from Aspergillus oryzae by Utilizing Agro Wastes	2024	ACS Omega				
1424.	A., Jabbar, Abdul; M.M., Tahir, Muhammad Mateen; S., Naz, Shabana; A.F., Alrefaei, Abdulwahed Fahad; A., Sultan, Asad; S., Abdelrahaman, Samia; M., Selvaggi, Maria	Enhancing calcium and phosphorus utilization in broiler chickens through cholecalciferol in sequential calcium-phosphorus-deficient diets	2024	Journal of Applied Animal Research	52	1		

1425.	M.Y., Tahir, Muhammad Yahya; T., Ahmad, Tauqeer; M., Usman, Muhammad; A., Fatima, Areena; W., Zhang, Wenshuo; Z., Gong, Zilin; A.A., Al-Kahtani, Abdullah A.S.; A.M., TIGHEZZA, Ammar M.; B., Akkinepally, Bhargav; D., Ahn, Dahoon	Electrochemically prepared ultrathin two-dimensional graphitic nanosheets as cathodes for advanced Zn-based energy storage devices	2024	Nanotechnology Reviews	13	1		
1426.	F., Zaheer, Fatima; R., Munir, Ruba; F., Younas, Fazila; M.F., Sardar, Muhammad Fahad; M.A., Farah, Mohammad Abul; M.F., Elsadek, Mohamed Farouk; A., Muneer, Amna; M., Sana, Maryam; S., Noreen, Saima	Synergistic removal of toxic anionic reactive red dye Me4BL (RRME4BL) from aqueous media using chemically synthesised nano-adsorbents (ZnO, CuO, NiO and CoO); equilibrium, kinetics and thermodynamic studies	2024	Chemistry and Ecology	40	5	596	626
1427.	B., Rasool, Bilal; I., Qayyum, Iqra; J., Iqbal, Javaid; I.,	Impact of diets and environmental	2024	International Journal of Pest Management				

	Rasool, Inshaal	variables on the biology of Callosobruchus maculatus (F). (Coleoptera: Chrysomelidae)						
1428.	M.M., Fareed, Muhammad Mazhar; H., Khalid, Hina; S., Khalid, Sana; S.V., Shityakov, Sergey V.	Deciphering Molecular Mechanisms of Carbon Tetrachloride-Induced Hepatotoxicity: A Brief Systematic Review	2024	Current Molecular Medicine	24	9	1124	1134
1429.	M.A., Shah, Muhammad Ajmal; S., Tariq, Savaira; S.M., Abuzar, Syed Muhammad; K., Ilyas, Kainat; I., Qadees, Irtaza; I.A., Alsharif, Ifat A.; K., Anam, Khairul; R.T., Almutairi, Reem T.; K.A., Al-Regaiey, Khalid Abdullah; A.O., Babalghith, Ahmad O.	Peel waste of citrus fruits: A valuable and renewable source of polyphenols for the treatment of diabetes	2024	Current Research in Biotechnology	7			
1430.	X., Li, Xiaomeng; A., Rasul, Azhar; F., Sharif, Farzana; M., Hassan, Mudassir	PIAS family in cancer: from basic mechanisms to	2024	Frontiers in Oncology	14			

		clinical applications						
1431.	S., Khurram, Shahzada; S., Rose, Soha; S., Sadiq, Saiqa	Radar Sensor-Based Smart Traffic Management System Revolutionized Using Random Forest	2024	Lecture Notes in Networks and Systems	919 LNNS		402	413
1432.	Q., Abbas, Qasir; K.B., Baig, Khawer Bilal; U., Sadiq, Urooj; H.A., Habib, Hina Ayaz; S., Aljhani, Sumayah; Z., Ramzan, Zoobia	Attitude towards mental help-seeking, motivation, and economic resources in connection with positive, negative, and general psychopathological symptoms of schizophrenia: a pilot study of a psychoeducation program	2024	Frontiers in Psychiatry	15			
1433.	S., Naz, Shabana; G., Bibi, Gulnaz; R., Nadeem, Rida; I., A.alhidary, Ibrahim; S., Dai, Sifa; M.Q., Israr, Muhammad Qadir; R., Ullah Khan,	Evaluation of biological selenium nanoparticles on growth performance, histopathology of vital organs and	2024	Veterinary Quarterly	44	1	1	10

	Rifat	genotoxicity in Japanese quails (coturnix coturnix japonica)						
1434.	S., Khan, Shoaib; F., Mahmood, Faiq; S., Younas, Sahar	Impact of Financial Knowledge and Investor's Personality Traits on Investment Intention: Role of Attitude and Financial Self Efficacy	2024	FWU Journal of Social Sciences	18	1	120	134
1435.	X., Yang, Xiaoxi; A., Qadir, Alia; B., Shahid, Bilal; S.H., Tahir, Safdar Husain	The paradoxical effects of high involvement work practices on employees and service outcomes: a trichromatic perspective	2024	Frontiers in Psychology	15			
1436.	E., Mateev, Emilio; A., Irfan, Ali; A., Mateeva, Alexandrina; M.B., Georgieva, Maya B.; A.B., Zlatkov, Alexander B.	Microwave-assisted organic synthesis of pyrroles (Review)	2024	Pharmacia	71		1	10
1437.	D.A., Alghazzawi, Dilshad A.; H., Alolyian, Hanan; L.,	A Cutting-Edge TOPSIS Approach for Navigating	2024	IEEE Access	12		44873	44887

	Latif, Laila; U., Shuaib, Umer; H.A., Khalifa, Hamiden Abdelwahed; H., Alqahtani, Haifa; Q., Xin, Qing	MCDM Challenges Under t-Intuitionistic Fuzzy Environments						
1438.	F., Afzal, Fareed; M.A., Imran, Muhammad Ali; M.K., Khan, Muhammad Kamran; M.H., Ahmad, Muhammad Haseeb; G.G., Hailu, Gebremichael Gebremedhin	Spray drying process impact on encapsulation and acceptability of Nigella sativa Oil	2024	Cogent Food and Agriculture	10	1		
1439.	S.M., Qurashi, Saqib Mazher; B.N., Almutairi, Bander N.; Q., Xin, Qing; R.S., Kanwal, Rani Sumaira; Aqsa	Binary relations applied to the fuzzy substructures of quantales under rough environment	2024	Demonstratio Mathematica	57	1		
1440.	M.S.H., Akash, Muhammad Sajid Hamid; S., Zaib, Sumera; M.N., Ahmad, Matloob N.; S., Sultan, Sadia; S.A., Alâ€™Hussain, Sami A.	Synthesis and biological evaluation of pyridylpiperazine hybrid derivatives as urease inhibitors	2024	Frontiers in Chemistry	12			

1441.	I., Hussain, Iqtidar; Z., Hasnain, Zuhair; S., Zafar, Sara; M.J., Nazir, Muhammad Jawad; S.A., Jatoi, Shakeel Ahmad	SALT INDUCED POSITIVE AND NEGATIVE EFFECTS ON GERMINATION AND OTHER PHYSIOLOGICAL TRAITS OF SORGHUM VULGARE SEEDLINGS	2024	Pakistan Journal of Botany	56	3	807	814
1442.	A., Kiran, Aysha; Q., Noshad, Qumqum; M.K., Ajaib, Muhammad Kamran; A.N., Shahzad, Ahmad Naeem; S., Pervez, Sana; I., Lalarukh, Irfana; M.F., Siddiqui, Muhammad Faheem; A., Wakeel, Abdul	MAIZE ROOT ARCHITECTURE RESPONSE TO PHOSPHORUS AVAILABILITY IN ROOTING MEDIUM	2024	Pakistan Journal of Botany	56	3	939	944
1443.	T., Naqqash, Tahir; A., Aziz, Aeman; M.M., Babar, Muhammad Masood; M.S., Shahid, Muhammad Shafiq; M.A., Sajid, Muhammad Asim; E., Radicetti,	Metal-tolerant morganella morganii isolates can potentially mediate nickel stress tolerance in Arabidopsis by upregulating antioxidative enzyme activities	2024	Plant Signaling and Behavior	19	1		

	Emanuele; A.R., Gaafar, Abdel Rhman; M.S., Hodhod, Mohamed S.; G., Haider, Ghulam							
1444.	A., Tabassum, Ayesha; H., Nadeem, Habibullah; F., Azeem, Farrukh; M.H., Siddique, Muhammad Hussnain; M.W., Zubair, Muhammad Waqas; A., Kanwal, Aqsa; I., Rasul, Ijaz	An integrated network pharmacology approach to discover therapeutic mechanisms of Commiphora wightii for the treatment of Bellâ€™s palsy	2024	Journal of Biomolecular Structure and Dynamics				
1445.	S., Shaheen, Sehar; I., Lalarukh, Irfana; J., Ahmad, Javed; A., Kausar, Abida; Z.I.H., Nazli, Zill I.Huma	EVALUATION OF POTENTIALLY HIGH YIELDING MODERN WHEAT CULTIVARS FOR DROUGHT TOLERANCE USING KEY PHYSIO- BIOCHEMICAL AND MORPHOLOGICA L INDICATORS	2024	Pakistan Journal of Botany	56	3	839	852
1446.	M., Ahmad, Mateen; S.W., Ali, Shinawar Waseem;	Development and characterization of locally	2024	Pakistan Journal of Agricultural Sciences	61	1	93	101

	M., Asim, Muhammad; M.H., Awais, Muhammad Huzaifa; Z., Ahmed, Zulfiqar; A., Murtaza, Ayesha; M.Z., Nadeem, Muhammad Zeeshan; M.A., Muzzafar, Muzzammal Ahmed; A., Ahmed, Aftab	prepared Aloe Vera juice and its functional potential against Hyperlipidemia						
1447.	A., Anwar, Ali; S., Riaz, Sakhawat; W., Khalid, Waseem; M., Fatima, Maleeha; U., Mubeen, Umber; Q., Babar, Quratulain; M.F., Manzoor, Muhammad Faisal; M.Z., Khalid, Muhammad Zubair; F.K., Madilo, Felix Kwashie	Potential of ascorbic acid in human health against different diseases: an updated narrative review	2024	International Journal of Food Properties	27	1	493	515
1448.	A., Ahmed, Aftab; K., Maham, Khadija; M.S., Afzaal, Muhammad Sohail; M.A., Saleem,	The consequences of poor dietary patterns on the proliferation of non-alcoholic	2024	Cogent Food and Agriculture	10	1		

	Muhammad Awais; M.A., Nadeem, Muhammad Ather; F., Saeed, F.; M.S., Hussain, Muzzamal Shujaat; E., Al JBawi, Entessar	fatty liver disease						
1449.	K., Ghaffar, Kalsoom; R., Munir, Ruba; F., Younas, Fazila; A., Muneer, Amna; M.F., Sardar, Muhammad Fahad; G.I., Albasher, Gadah Ibraheem; S., Noreen, Saima	Chemical synthesis of ZnO, CuO, MnO and FeO Nano adsorbent and their application in anionic reactive blue turquoise 71 dye (RB-71 dye) and real effluents remediation: Batch adsorption and column studies	2024	Journal of Dispersion Science and Technology	46	1	1	20
1450.	Y., Wu, Yugang; S.M.M.A., Naqvi, Syed Muhammad Muddassir Abbas; I., Yasin, Iftikhar	Dynamic Relationship Between Social Factors and Poverty: A Panel Data Analysis of 23 Selected Developing Countries	2024	Journal of the Knowledge Economy				
1451.	R., Hameed, Rahema; M.Y., Quddoos,	Nutritional assessment concerning	2024	Italian Journal of Food Science	36	1	80	91

	Muhammad Yousaf; S., Mahmood, Shahid; T.S., Ullah, Tayyaba Sami; A., Ainee, Ammara; A., Rafique, Ayesha; S.S., Mahmood, Sayyada Sana; M., Fatima, Muqaddas; A., Kumar, Anand; F., Chaudhry, Faiqa	anthropometric, demographic, and food frequency questionnaires of hemodialysis patients in Sargodha, Pakistan						
1452.	M.S., Asif, Muhammad S.; M.N., Ahmad, Matloob N.; M.J., Saif, Muhammad Jawwad; M.N., Anjum, Muhammad Naveed; M.E.A., Zaki, Magdi Eâ€œ A.	Halloysite nanotubes-enhanced epoxy acrylate latex emulsion as a novel anticorrosive protective coating for metal surface in 3.5% NaCl solution	2024	Frontiers in Chemistry	12			
1453.	I., Qaiser, Imran; T.N., Grigoriadis, Theocharis N.	Empire, diversity & development: evidence from Afghan provinces	2024	Applied Economics	56	60	9101	9116
1454.	R.P.D., Mungmunpuntipan tip, Rujittika Ph D.; V., Wiwanitkit, Viroj	Ocular involvement in monkeypox: An issue that is little mentioned	2024	Oman Journal of Ophthalmology	17	1	158	159
1455.	M.A., Noor, Muhammad Aslam;	Exponentially harmonic general	2024	Montes Taurus Journal of Pure and Applied Mathematics	6	3	110	118

	K.I., Noor, Khalida Inayat; M.U., Awan, Muhammad Uzair	variational inequalities						
1456.	I.U., Rehman, Inaam Ur; M.U., Saleem, Mohammad Usman; S.A., Raza, Syed Atif; S., Bashir, Saher; T., Muhammad, Taha; S., Asghar, Shahzad; M.U., Qamar, Muhammad Usman; T.A., Shah, Tawaf Ali; Y.A., Bin Jordan, Yousef A.; A.B., Mekonnen, Amare Bitew	Anti-ulcerative colitis effects of chemically characterized extracts from Calliandra haematocephala in acetic acid-induced ulcerative colitis	2024	Frontiers in Chemistry	12			
1457.	R., Munir, Ruba; A., Muneer, Amna; F., Younas, Fazila; M., Sayed, Murtaza; M.F., Sardar, Muhammad Fahad; G.I., Albasher, Gadah Ibraheem; S., Noreen, Saima	Actas Pink-2B dye removal in biochar nanocomposites augmented vertical flow constructed wetland (VF-CWs)	2024	International Journal of Phytoremediation	26	9	1392	1409
1458.	S., Adeel, Shahid; M., Younis, Mariam; R., Mia, Rony; M., Ozomay,	Environmentally friendly greener approach toward sustainable	2024	Journal of Engineered Fibers and Fabrics	19			

	Meral; S., Mirnezhad, Somayeh; M.A., Imran, Muhammad Ali	application of amaltas brown pod-based natural colorant for wool yarn dyeing						
1459.	M.F., Manzoor, Muhammad Faisal; R., Siddique, Rabia; A., Hussain, Abid	Editorial: Technological advancements for the processing and preservation of fruits and vegetables	2024	Frontiers in Sustainable Food Systems	8			
1460.	A., Hafeez, Abdul; S., Shahid Ali, Said; J., Akhtar, Junaid; S., Naz, Shabana; A.F., Alrefaei, Abdulwahed Fahad; M.F., Albeshr, Mohammed Fahad; M.Q., Israr, Muhammad Qadir; R., Ullah Khan, Rifat	Impact of coriander (Coriandrum sativum), garlic (Allium sativum), fenugreek (Trigonella foenum- graecum) on zootechnical performance, carcass quality, blood metabolites and nutrient digestibility in broilers chickens	2024	Veterinary Quarterly	44	1	1	7
1461.	S., Maqsood, Saira; S., Naz, Shabana; A., Sikandar,	Additive effect of Moringa oleifera leaf meal and	2024	Journal of Applied Animal Research	52	1	1	7

	Areesha; S., Arooj, Sajida; A., Fahad Alrefaei, Abdulwahed; M.Q., Israr, Muhammad Qadir	pomegranate (Punica granatum) peel powder on productive performance, carcass attributes and histological morphology of ileum in Japanese quails						
1462.	D.A., Alghazzawi, Dilshad A.; M., Liaqat, Maryam; H., Alolaiyan, Hanan; H.A., Khalifa, Hamiden Abdelwahed; A., Alburaikan, Alhanouf; Q., Xin, Qing; U., Shuaib, Umer	Innovative approaches to solar cell selection under complex intuitionistic fuzzy dynamic settings	2024	AIMS Mathematics	9	4	8406	8438
1463.	N., Wang, Ning; Y., Xiang, Yuanlin; Y., Ma, Yi; P., Zhang, Puyu; X., Zhou, Xiaoli; H., Zhu, Haoran; Z., Zhang, Zhi; Z., Li, Zaixin; X., Xiao, Xiongjun; M., He, Manli	Fermented Spirulina platensis alleviated DSS-induced ulcerative colitis by regulating gut microbiota and MyD88/TLR4 signaling pathway	2024	Asian Journal of Agriculture and Biology	2024	1	1	12
1464.	K., Fatima, Kaneez; S., Tehseen, Saima;	Development and storage stability	2024	International Journal of Food Properties	27	1	381	399

	F., Ashfaq, Faiza; A., Bilal, Ahmad; M.Z., Khalid, Muhammad Zubair; W., Khalid, Waseem; F.K., Madilo, Felix Kwashie	studies of functional fruit and vegetable- based drinks incorporated with polyphenols extracted from herbs and spices						
1465.	M., Tufail, Muhammad; K.U., Shah, Kifayat Ullah; I.U., Khan, Ikram Ullah; K.A., Khan, Kamran Ahmad; S.U., Shah, Shefaat Ullah; F., Rashid, Faisal; J., Khan, Jahangir; A.M., Alshammari, Abdulrahman Mohammed; A.F., Alasmari, Abdullah F.; M.S., Riaz, Muhammad Shahid	Controlled Release Bilayer Floating Effervescent and Noneffervescent Tablets Containing Levofloxacin and Famotidine	2024	International Journal of Polymer Science	2024			
1466.	T., Xu, Ting; B., Ahmed, Bashir; M.W., Bari, Muhammad Waseem; M., Akmal, Muhammad	Mediating Role of Knowledge Hiding Behaviors Between Cronyism and Job Performance: An Evidence from Public Sector Universities	2024	Journal of the Knowledge Economy				
1467.	E., Mateev, Emilio;	In silico and in	2024	Pharmacia	71		1	7

	A., Irfan, Ali; A., Mateeva, Alexandrina; M.S., Kondeva-Burdina, Magdalena S.; M.B., Georgieva, Maya B.; A.B., Zlatkov, Alexander B.	vitro screening of pyrrole-based Hydrazide-Hydrazones as novel acetylcholinesterase inhibitors						
1468.	S., Nazir, Shahzad; M.S., Asif, Muhammad Sheharyar; M., Rehman, Mariam; S., Ahmad, Shahbaz	Machine learning based framework for fine-grained word segmentation and enhanced text normalization for low resourced language	2024	PeerJ Computer Science	10			
1469.	M., Mestani, Mergim; M., Zeqiri, Medin; P.S., Bytyçi, Pajtim S.; R., Hasalliu, Rozeta; E., Kokthi, Elena; I., Mehmeti, Ibrahim; W., Khalid, Waseem; N.A., Al-Shabib, Nasser Abdulatif; M.Z., Khalid, Muhammad Zubair; F.K., Madilo, Felix Kwashie	Exploring the physical characteristics of eggs for consumption and industrial use in Kosovo: a comprehensive quality analysis	2024	International Journal of Food Properties	27	1	341	351

1470.	M., Usman, Muhammad; A., Sahar, Amna; M.H., Ahmad, Muhammad Haseeb; M.I., Khan, Muhammad Issa; M.F., Afzal, Muhammad Faizan; H.U.U., Rahman, Hafiz Ubaid Ur; M., Azhar Ali, Muhammad; W., Khalid, Waseem; M.Z., Khalid, Muhammad Zubair; F.K., Madilo, Felix Kwashie	Augmenting the Oxidative Stability of Chicken Nuggets by incorporating cumin and Black cumin as natural preservatives	2024	International Journal of Food Properties	27	1	352	366
1471.	R., Jabeen, Raheela; E., Javed, Eqaza; U., Habiba, Ume; M.A., Choochan, Muhammad Akram; M., Asim, Muhammad; F.S., Alatawi, Fatema Suliman; H., Ishfaq, Hamza; J., Nisar, Jaweria	Medicinal potential of antimicrobial peptides from two plants against Bacillus cereus and Staphylococcus aureus	2024	Italian Journal of Medicine	18	1		
1472.	S., Kamal, Shagufta; A.,	Therapeutic Intervention of	2024	Current Medicinal Chemistry	31	15	2052	2072

	Shahzad, Asif; K., Rehman, Kanwal; K., Tariq, Komal; M.S.H., Akash, Muhammad Sajid Hamid; M.A., Imran, Muhammad Ali; M.A., Assiri, Mohammed Ail	Serine Protease Inhibitors against Hepatitis C Virus						
1473.	H., Naeem, Hammad; H.U., Hassan, Hammad Ul; M.S., Shahbaz, Muhammad Shahzad; M.A., Imran., Muhammad Asjad; A.G., Memon, Anjuman Gul; A., Hasnain, Ammarah; S., Murtaza, Shamas; S.A., Alsagaby, Suliman Abdallah; W., Al Abdulmonem, Waleed; M.S., Hussain, Muzzamal Shujaat	Role of Probiotics against Human Cancers, Inflammatory Diseases, and Other Complex Malignancies	2024	Journal of Food Biochemistry	2024			
1474.	A., Shahzadi, Aqsa; U.A., Ashfaq, Usman Ali; M., Khurshid, Mohsin; M.A., Nisar,	Deciphering Multi-target Pharmacological Mechanism of Cucurbita pepo	2024	Current Pharmaceutical Design	30	4	295	309

	Muhammad Atif; A.S., Syed, Asad S.; A., Bahkali, A.	Seeds against Kidney Stones: Network Pharmacology and Molecular Docking Approach						
1475.	M., Sultana, Mehwish; M.H., Tayyab, Muhammad Haleem; Sunil; S., Parveen, Shakeela; M.S., Hussain, Muhammad Shahzad; S., Saeed, Saba; Z., Riaz, Zainab; S., Shabbir, Saman	In silico molecular characterization of TGF- β 2 gene family in Bufo bufo: genome-wide analysis	2024	Journal of Biomolecular Structure and Dynamics				
1476.	A., Afzal, Anam; N., Malik, Nazia; Z., Batool, Zahira; M., Shabbir, Muhammad	Factors affecting malnutrition among under five yearâ€™s children in Punjab, Pakistan	2024	Rawal Medical Journal	49	1	115	118
1477.	M., Tahir Ul Qamar, Muhammad; S.U., Ahmad, Sajjad U.; A.S., Khan, Abbas S.; D., Wei, Dongqing	Editorial: Immunotherapeutics development against Hantaviruses	2024	Frontiers in Immunology	15			
1478.	A., Batool, Aneeqa; S., Parveen,	Computational study of ADME-	2024	Open Chemistry	22	1		

	Shagufta; N., Shafiq, Nusrat; M., Rashid, Maryam; A.M., Salamatullah, Ahmad Mohammad; S., Ibenmoussa, Samir; M., Bourhia, Mohamed	Tox prediction of selected phytochemicals from Punica granatum peels						
1479.	T., Yasmeen, Tahira; M.S., ARIF, Muhammad Saleem; M., Tariq, Mohsin; S., Akhtar, Sadia; A., Syrish, Afira; W., Haidar, Waqas; M.S., Rizwan, Muhamamd Shahid; M.I., Hussain, Muhammad Iftikhar; A.A., Ahmad, Ajaz A.; S.M., Ali, Shafaqat M.	Biofilm producing plant growth promoting bacteria in combination with glycine betaine uplift drought stress tolerance of maize plant	2024	Frontiers in Plant Science	15			
1480.	F., Shafiq, Fahad; S., Anwer, Sumera; S.A., Khan, Shahbaz Ali	Editorial: Advances in plant-soil nitrogen management strategies	2024	Frontiers in Plant Science	15			
1481.	A.B., Attiq, Abu Bakar; R., Nawaz,	Urban Air Quality Nexus: PM2.5	2024	Pollution	10	1	580	594

	Rab; M.A., Irshad, Muhammad Atif; I., Nasim, Iqra; M., Nasim, Maryam; M., Latif, Maria; S.I.H., Shah, Syed Imran Hussain; A., Fatima, Aiman	Bound-Heavy Metals and their Alarming Implication for Incremental Lifetime Cancer Risk						
1482.	R.M., Zulqarnain, Rana Muhammad; H.K., Ur Rehman, Hafiz Khalil; I., Siddique, Imran; H., Ahmad, Hijaz; S.E., Askar, Sameh E.; S.H., Gurmani, Shahid Hussain	Einstein Hybrid Structure of q-Rung Orthopair Fuzzy Soft Set and Its Application for Diagnosis of Waterborne Infectious Disease	2024	CMES - Computer Modeling in Engineering and Sciences	139	2	1863	1892
1483.	M.M., Hassan, Muhammad Mudassar; A., Waqar, Ayesha; H., Ali, Haidar; P., Ali, Parvez	Computation of connection-based Zagreb indices in chain graphs and triangular sheets	2024	Journal of Coordination Chemistry	77	45846	896	919
1484.	M.A., Khan, Moeen Ahmad; Z.A., Syed, Zamin Abbas; H., Zahid, Hamza; S., Shams, Saman; S.S.U., Rehman, Syed Shakil Ur; R., Nadeem, Rubab; U., Manzoor, Urooj; R., Ejaz, Rida	Effects of scapular stabilization program on pain, range of motion, and disability in patients with chronic non-specific neck pain	2024	Journal of Musculoskeletal Surgery and Research	8	1	30	35

1485.	A., Ahmad, Adnan; M., Nazar, Mudassar; M., Ahmad, Mushtaq; E.S., M Tag El Din, El Sayed; Z.U., Nisa, Zaib Un; H.M., Waqas, Hassan M.; M.A., Imran., Muhammad Asjad	Application of Constant Proportional Caputo Fractional Derivative to Thermodiffusion Flow of MHD Radiative Maxwell Fluid under Slip Effect over a Moving Flat Surface with Heat and Mass Diffusion	2024	Advances in Mathematical Physics	2024			
1486.	S., Sahar, Sadia; M., Younas, Muhammad; M.M., Khan, Muhammad Murad; M.U., Sarwar, Muhammad Umer	DP-CCL: A Supervised Contrastive Learning Approach Using CodeBERT Model in Software Defect Prediction	2024	IEEE Access	12		2258 2	22594
1487.	A., Rehman, Abdur; F., Islam, Fakhrul; A., Tariq, Aqil; I., Ul Islam, Ijaz; D., Brian J, Davis; T., Bibi, Tehmina; W., Ahmad, Waqar; L., Ali Waseem, Liaqat; S., Karuppannan, Shankar; S.A., Al Ahmadi, Saad A.	Groundwater potential zone mapping using GIS and Remote Sensing based models for sustainable groundwater management	2024	Geocarto International	39	1		

1488.	A., Saleem, Ammara; T., Awan, Tanzeela; M.F., Akhtar, Muhammad Furqan	A comprehensive review on endocrine toxicity of gaseous components and particulate matter in smog	2024	Frontiers in Endocrinology	15			
1489.	M.F.J., Chughtai, Muhammad Farhan Jahangir; I., Pasha, Imran; S., Ahsan, Samreen; T.J., Mahmood, Tariq Janjua; M.Z., Khalid, Muhammad Zubair; M.A., Farooq, Muhammad Adil; A., Liaqat, Atif; A., Khaliq, Adnan; S., Tanweer, Saira; M., Ungureanu-luga, Madalina	Metabolic syndrome extenuation in rat model by feeding Stevia rebaudiana Bertoni cookies	2024	Cogent Food and Agriculture	10	1		
1490.	A., Raza, Ali; S., Bashir, Shanza; T.S., Khare, Tushar S.; B., Karikari, Benjamin; R.G.R., Copeland, Rhys G.R.; M., Jamla, Monica; S., Abbas, Saghir; S., Charagh, Sidra; S.N., Nayak, Spurthi N.; I.G.,	Temperature-smart plants: A new horizon with omics-driven plant breeding	2024	Physiologia Plantarum	176	1		

	DjaloviÄŸ, Ivica G.							
1491.	A., Afzal, Atka; M.S., Afzaal, Muhammad Sohail; F., Saeed, F.; Y.A., Shah, Yasir Abbas; M.A., Raza, Muhammad Ahtisham; M.H., Khan, Mujahid Hassan; A., Asghar, Aasma; N., Akram, Noor; H., Ateeq, Huda; D., Teferi Asres, Degnet	Milk protein based encapsulation of probiotics and other food material: comprehensive review	2024	International Journal of Food Properties	27	1	245	262
1492.	A., Hafeez, Abdul; D., Khan, Darwish; S., Naz, Shabana; R., Alonaizan, Rasha; R.K., Al-Akeel, Rasha Khalifah; M.Q., Israr, Muhammad Qadir; R.U., Khan, Rifat Ullah	Effect of Azolla pinnata meal on growth, immunity, faecal E. coli, antioxidant capacity and gut histomorphology in Japanese quails	2024	Journal of Applied Animal Research	52	1		
1493.	G.S., Pillai, Gopika S.; S., Morya, Sonia; W., Khalid, Waseem; M.Z., Khalid, Muhammad Zubair; R.S., Almalki, Riyadh S.; A., Siddeeg, Azhari	Banana Pseudostem: An Undiscovered Fiber Enriched Sustainable Functional Food	2024	Journal of Natural Fibers	21	1		
1494.	S.M.R.S., Naqvi,	Numerical	2024	Nanotechnology Reviews	13	1		

	Syed Muhammad Raza Shah; U., Manzoor, Umair; H.M., Waqas, Hassan M.; D., Liu, Dong; H., Naeem, Hamzah; E.S., M Tag El Din, El Sayed; T., Muhammad, Taseer	investigation of thermal radiation with entropy generation effects in hybrid nanofluid flow over a shrinking/stretching sheet						
1495.	C., Gou, Caiming; S., Zafar, Sara; Fatima; Z., Hasnain, Zuhair; N., Aslam, Nazia; N., Iqbal, Naeem; S., Abbas, Sammar; H., Li, Hui; J., Li, Jia; B., Chen, Bo	Machine and Deep Learning: Artificial Intelligence Application in Biotic and Abiotic Stress Management in Plants	2024	Frontiers in Bioscience - Landmark	29	1		
1496.	N., Ijaz, Nabia; S., Bashir, Shahid; A., Ikram, Ali; A., Zafar, Aimen; H.B., Ul Ain, Huma Bader; S., Ambreen, Saadia; M.H., Ahmad, Muhammad Haseeb; R.S., Almalki, Riyadh S.; M.Z., Khalid, Muhammad Zubair; W., Khalid, Waseem	Valorization of potato peel: a sustainable eco-friendly approach	2024	CYTA - Journal of Food	22	1		

1497.	B., Ahmad, Bashir; I., Ilahi, Ikram; A.A., Khan, Ayaz Ali; M., Attaullah, Mohammad; A.M., Ali, Akbar M.; M., Ghani, Mustajab; A., Saidal, Ahsan; Z., Khan, Ziad; F., Al-Asmari, Fahad; M.Y., Sameeh, Manal Y.	Hematobiochemical, antioxidant, and lipid alterations in mice feed with thermally oxidized coconut oil	2024	Italian Journal of Food Science	36	1	58	67
1498.	S., Hussain, Shabbir; F., Kanwal, Fauzia; M., Tariq, Muhammad; B., Parveen, Bushra; A., Rauf, Abdur; L., Rasool, Lubna; S., Nawaz, Samia; M.U., Shahid, Muhammad Usman; K.M., Mujasam Batoo, Khalid Mujasam; S.Z., Hussain, Sajjad Z.	Synthetic, structural, and biological studies of organotin(IV) derivatives of 6-amino-2-(methyleamino)hexanoic acid	2024	Journal of Coordination Chemistry	77	45659	203	218
1499.	M.I., Khan, Muhammad Ishtiaq; N., Chand, Naila; S., Naz, Shabana; R., Alonaizan, Rasha; H., Hu, Hong; S.,	Effects of zinc supplementation from organic and inorganic sources on growth, blood biochemical indices, and	2024	Veterinary Quarterly	44	1	1	7

	Shamsi, Shamsuddin; R.U., Khan, Rifat Ullah	intestinal microarchitecture in broilers						
1500.	L., Shi, Lei; M., Abbas, Muhammad; M., Raza, Mohsan; M.U., Arif, Muhammad U.; P., Kumam, Poom	Inverse logarithmic coefficient bounds for starlike functions subordinated to the exponential functions	2024	Journal of Inequalities and Applications	2024	1		
1501.	M., Farhad, Muniba; M., Noor, Maryam; M.Z., Yasin, Muhammad Zubair; M.H., Nizamani, Mohsin Hussain; V., Turan, Veysel; M.U., Iqbal, Muhammad Usman	Interactive Suitability of Rice Stubble Biochar and Arbuscular Mycorrhizal Fungi for Improving Wastewater-Polluted Soil Health and Reducing Heavy Metals in Peas	2024	Sustainability (Switzerland)	16	2		
1502.	M., Hussain, Mujahid; R., Kaousar, Rehana; S., Ali, Sharafat; C., Shan, Changfeng; G., Wang, Guobin; S., Wang, Shizhou; Y., Lan, Yubin	Tryptophan Seed Treatment Improves Morphological, Biochemical, and Photosynthetic Attributes of the Sunflower under Cadmium Stress	2024	Plants	13	2		
1503.	M.A., Ali, Muhammad Adnan; E., Asghar,	Screening of Multitarget Compounds	2024	Molecules	29	2		

	Esha; W., Ali, Waqas; G., Mustafa, Ghulam; I.A., Ansari, Irfan Aamer; S., Zia, Saadiya; S.A., Ansari, Siddique Akber; S., Khan, Sumaiya	against Acetaminophen Hepatic Toxicity Using In Silico, In Vitro, and In Vivo Approaches						
1504.	P., Mallari, Praveen; I., Ullah, Ihsan; R.E., BuendÃa-Corona, Ricardo E.; I.A., Khan, Imran Ahmad; M.G., Sayed, Mian Gul; R., Kabir, Rahmul; M.A., Bhat, Mashooq Ahmad; Y., Muhammad, Yaseen	Exploring Potentilla nepalensis Phytoconstituents: Integrated Strategies of Network Pharmacology, Molecular Docking, Dynamic Simulations, and MMGBSA Analysis for Cancer Therapeutic Targets Discovery	2024	Pharmaceuticals	17	1		
1505.	M., Raza, Mohsan; D.V., Breaz, Daniel V.; S., Mushtaq, Saima; L.I., CotÃ®rÎÇŽ, Luminitã Ioana; F.M.O., Tawfiq, Ferdous Mohammed O.; E.,	Geometric Properties and Hardy Spaces of Rabotnov Fractional Exponential Functions	2024	Fractal and Fractional	8	1		

	RÇŽpeanu, Eleonora							
1506.	S., Adrees, S.; M.I., Khokhar, Muhammad Ilyas; R.N., Fatima, Riffat Nasim; S.U., Rehman, Sajid Ur	In Vitro Effect of PEG and Proline on Callus Growth and Minerals Values in Basmati Rice (Oryza sativa)	2024	Journal of Agricultural Sciences - Sri Lanka	19	1	118	130
1507.	M.K., Saleemi, Muhammad Kashif; A., Raza, Ahmad; A., Khatoon, Aisha; M., Zubair, Muhammad; S.T., Gul, Shafia Tehseen; Y., Xu, Yongping; B., Murtaza, Bilal; F., Muhammad, Faqir; B., Akhtar, Bushra; F., Jubeen, Farhat	Pathological effects of feeding aflatoxin- contaminated feed on immune status and reproductive performance of juvenile white leghorn males and its mitigation with âˆž- tocopherol and Moringa oleifera	2024	Environmental Science and Pollution Research	31	2	2156	2166
1508.	M., Sattar, Moazma; F., Saeed, F.; M.S., Afzaal, Muhammad Sohail; A., Rasheed, Amara; A., Asif, Aliha; S., Sharif, Sadia; M.S., Hussain, Muzzamal Shujaat; H., Asad Ur Rehman, Hafiz;	An overview of the nutritional and therapeutic properties of amaranth	2024	International Journal of Food Properties	27	1	263	272

	M.A., Raza, Muhammad Ahtisham; H., Munir, Haroon							
1509.	N., Cherrada, Nezar; A.E., Chemsa, Ahmed Elkhalifa; N., Gheraissa, Noura; A., Zaater, Abdelmalek; B., Benamor, Bilal; A., Ghania, Ahmed; B., Yassine, Bouras; A., Kaddour, Abdelbasset; M.S., Afzaal, Muhammad Sohail; A., Asghar, Aasma	Antidiabetic medicinal plants from the Chenopodiaceae family: a comprehensive overview	2024	International Journal of Food Properties	27	1	194	213
1510.	M.N., Ahmad, Mirza Nadeem; M.N., Anjum, Muhammad Naveed; M.F., Farid, Muhammad Fayyaz; A., ul Haq, Atta; A.M., Ali, Akbar M.; M., Fayyaz-Ur-Rehman, Muhammad; M.A., Assiri, Mohammed Ail; M.S., Akram, Muhammad Safwan	Water pollution remediation: Synthesis and characterization of poly(o- methylaniline)/Zn O/rGO composite for photocatalytic degradation of dyes	2024	Polymers for Advanced Technologies	35	1		

1511.	A., Qadir Ahmad, Abdul; N., Attique, Naila; R., Ali, Rizwan; W., Abbas, Waneeza; M.J.U.H., Nadeem, Muhammad Jawad Ul Hasan; M., Junaid, Muhammad; N.U., Ain, Noor Ul	Green synthesis and characterization of Fe/Mg nanoparticles for their potential applications against aflatoxogenic A. flavus	2024	Results in Chemistry	7			
1512.	F.S., Khan, Fahad Said; M.S., Akram, Muhammad Sohail; A., Rashid, Abid; S.M.A., Shah, Syed Muhammad Ali; S., Ayaz, Sultan	PHYTOCHEMICAL SCREENING OF THREE TRADITIONAL MEDICINAL PLANTS: TARAXACUM OFFICINALE, GERANIUM WALLICHIANUM, AND ELAEAGNUS PARVIFOLIA	2024	Pakistan Journal of Botany	56	1	239	246
1513.	M., Khan, Muzna; N., Ahmad, Nazir; M.U., Mehr-un-Nisa, Mahrun Un; A., Jadaan, Aalia	Optimal Food Matrix Model for Digestibility and Bioavailability of Calcium and Zinc	2024	Journal of Food Quality	2024			
1514.	M.Z., Yaqoob, Muhammad Zeshan; A., Ali, Ahtisham; M., Alkanhal, Majeed; A., Ghaffar, Abdul;	Temperature-Dependent Electromagnetic Surface Wave Supported by Graphene-	2024	International Journal of Optics	2024			

	Y., Khan, Yasink; M., Umair, Muhammad	Loaded Indium Antimonide Planar Structure						
1515.	H., Alolaiyan, Hanan; A., Razaq, Abdul; H., Ashfaq, Humaira; D.A., Alghazzawi, Dilshad A.; U., Shuaib, Umer; J., Liu, Jiabao	Improving Similarity Measures for Modeling Real-World Issues With Interval-Valued Intuitionistic Fuzzy Sets	2024	IEEE Access	12		1048 2	10496
1516.	F., Gul, Fahad; H., Amin, Hassan; S., Naz, Shabana; M.T., Khan, Muhammad Tahir; I.A., Alhidary, Ibrahim Abdullah; R.U., Khan, Rifat Ullah; G., Pugliese, Gianluca; V., Tufarelli, Vincenzo	Evaluation of blood minerals and oxidative stress changing pattern in prepartum and postpartum Achai and Holstein Friesian dairy cows	2024	Reproduction in Domestic Animals	59	1		
1517.	A., Ikram, Ali; A., Rasheed, Areeba; A., Ahmad Khan, Ammar; R., Khan, Rabbia; M.H., Ahmad, Muhammad Haseeb; R., Bashir, Reeja; M.H., Mohamed, Mohamed Hassan	Exploring the health benefits and utility of carrots and carrot pomace: a systematic review	2024	International Journal of Food Properties	27	1	180	193

1518.	S., Ali, Shehbaz; N.S., Ahmad, Naveed S.; M.A., Dar, Mudasir Ahmad; S., Manan, Sehrish; A., Rani, Abida; S.M., Alghanem, Suliman Mohammed; K.A., Khan, Khalid Ali; S., Sethupathy, Sivasamy; N.A., Elboughdiri, Noureddine Ali; Y.S., Mostafa, Yasser Sabry	Nano- Agrochemicals as Substitutes for Pesticides: Prospects and Risks	2024	Plants	13	1		
1519.	N., Nazar, Nida; A.I., Hussain, A. I.; H.A., Rathore, Hassaan Anwer	Inter-Varietal Variation in Phenolic Profile, Antioxidant, Anti- Inflammatory and Analgesic Activities of Two Brassica rapa Varieties: Influence on Pro- Inflammatory Mediators	2024	Molecules	29	1		
1520.	B., Li, Bin; R., Abbas, Rashana; M., Shahzad, Muhammad; N., Safdar, Nouman	Probabilistic Load Flow Analysis Using Nonparametric Distribution	2024	Sustainability (Switzerland)	16	1		
1521.	S., Arshad, Sidra;	Graphene	2024	Materials Science and Engineering: B	299			

	M., Imran Arshad, Muhammad; A., Ur Rehman, Atta; N., Amin, Nasir; M.M., Ajaz, Muhammad Mustansar	nanoplatelets/Li-Mg-Sm spinel ferrite nanocomposites with improved dielectric and magnetic properties						
1522.	S., Naz, Shabana; N., Raza, Naveed; I.A., Alhidary, Ibrahim Abdullah; S., Satti, Sania; A., Rafique, Azhar; S., Batool, Sajida; S., Shamsi, Shamsuddin; S., Dai, Sifa; R.U., Khan, Rifat Ullah	Evaluation of copper nanoparticles on growth, organs histology and DNA damage in Japanese quails (Coturnix coturnix japonica)	2024	Toxin Reviews	43	1	127	136
1523.	C., Parida, Chinmayee; P.K., Sahoo, Pramod Kumar; R., Nasir, Rabiya; L.A., Waseem, Liaqat Ali; A., Tariq, Aqil; M.N., Aslam, Muhammad Naveed; W.A., Hatamleh, Wesam Atef	Exergy assessment of infrared assisted air impingement dryer using response surface methodology, Back Propagation-Artificial Neural Network, and multi-objective genetic algorithm	2024	Case Studies in Thermal Engineering	53			
1524.	M.S., Awan, Muhammad	Assessment of physicochemical	2024	International Journal of Food Properties	27	1	71	87

	Samiullah; A., Ahmad, Asif; W., Khalid, Waseem; M.Z., Khalid, Muhammad Zubair; I., Cotovanu, Ionica; F., Afzal, Farhan; S.Y., Al-Omar, Suliman Yousef; S., Yaqub, Shazia; M.H.G., Kanaan, Manal Hadi Ghaffoori; S.S., Abdullah, Sura Saad	parameters, and antioxidant properties of mango concentrate during different storage intervals						
1525.	A., Saleem, Ammara; M., Javed, Maira; M.F., Akhtar, Muhammad Furqan; A., Sharif, Ali; B., Akhtar, Bushra; M., Naveed, Muhammad; U., Saleem, Uzma; M.M.F.A., Baig, Mirza Muhammad Faran Ashraf; H.M., Zubair, Hafiz Muhammad; T.B., Emran, Talha Bin	Current Updates on the Role of MicroRNA in the Diagnosis and Treatment of Neurodegenerative Diseases	2024	Current Gene Therapy	24	2	122	134
1526.	K., Ahmad, Khalil;	Preparation and	2024	Crystal Research and Technology	59	1		

	G., Abbas, Ghazanfar; M.A., Ahmad, Muhammad Ashfaq; Z., Kazim, Zafarullah; T., Munir, Tariq	Characterization of Nanocomposite Perovskite Cathode Materials La _{0.3} Sr _{0.7} Fe _{0.4} Ti _{0.6} O _{3-δ} (LSFT) for Low-Temperature SOFCs with Incorporation of Graphene Oxide (GO)						
1527.	M., Raees, Muhammad; M.U., Awan, Muhammad Uzair; A., Kashuri, Artion; M., Anwar, Matloob	Multi-parametric post quantum Simpson inequalities and their applications	2024	Filomat	38	7	2427	2455
1528.	M.U., Saeed, Muhammad Usama; M.M., Naeem, M. Mubashar; A., Javed, Alia; S., Perveen, Shagufta; I., Sajjad, Iqra; M.Z., Yousaf, Muhammad Zaid; M.S.M., Chohan, Muhammad Shahid Munir; M.U., Riaz, Muhammad	Characterization of water-deficit tolerance in Upland cotton (<i>Gossypium hirsutum</i> L.) assessing morphological, biochemical, molecular and yield attributes	2024	Acta Physiologiae Plantarum	46	1		

	Umair; S., Ullah, Sana; X., Song, Xianliang							
1529.	M., Ramzan, Muhammad; A.M., Yousaf, Abid Mehmood; I.U., Khan, Ikram Ullah	Fabrication and inÂ vitro characterization of delafloxacin-laden electrosprayed hydroxypropyl cellulose nanoparticulated solid dispersions for enhanced aqueous solubility and release rate of the drug	2024	International Journal of Polymeric Materials and Polymeric Biomaterials	73	16	1367	1373
1530.	M., Shahid, Momina; N., Ijaz, Nimra; B., Shahid, Breera; T., Tufail, Tabussam; H.B., Ul Ain, Huma Bader; M.S., Hussain, Muzzamal Shujaat; S., Basharat, Shahnai; A., Ikram, Ali; E., Al JBawi, Entessar	Eucalyptus globulus Labill. Mediated synthesis of ZnO nanoparticles, their Optimization and characterization	2024	Cogent Food and Agriculture	10	1		
1531.	M.A., Aslam, Muhammad Azeem; X., Wei, Xu; N., Ahmed, Nisar;	VRL-IQA: Visual Representation Learning for Image Quality	2024	IEEE Access	12		2458	2473

	G., Saleem, Gulshan; T., Amin, Tuba; H., Caixue, Hui	Assessment						
1532.	M.I., Qadir, Muhammad I.; B.A.R., Ahmed, Bilal A.R.; S., Noreen, Sumaira	Advances in the Management of Neuroblastoma	2024	Critical Reviews in Eukaryotic Gene Expression	34	2	1	13
1533.	M., Irfan, Muhammad; I., Siddique, Imran; M., Nazeer, Mubbashar; W., Ali, Waqas	Theoretical study of silver nanoparticle suspension in electroosmosis flow through a nonuniform divergent channel with compliant walls: A therapeutic application	2024	Alexandria Engineering Journal	86		443	457
1534.	M.U., Shafique, Muhammad Umair; I., Shoaib, Iqra; B., Aslam, B.; R., Khalid, Rabia; I., Tanvir, Imrana; M.H., Rasool, Muhammad Hidayat; T.A., Shah, Tawaf Ali; K.S., Almaary, Khalid Salmeen; M., Bourhia,	Detection of high-risk human papillomavirus infected cervical biopsies samples by immunohistochemical expression of the p16 tumor marker	2024	Archives of Microbiology	206	1		

	Mohamed; M.U., Qamar, Muhammad Usman							
1535.	F., Saleem, Farhan; S., Hina, Saadia; I., Ullah, Irfan; A., Habib, Ammara; A., Hina, Alina; S., Ilyas, Sana; M.F.A., Hamid, Muhammad F.A.	Impacts of irregular and strategic lockdown on air quality over Indo- Pak Subcontinent: Pre-to-post COVID-19 analysis	2024	Chaos, Solitons and Fractals	178			
1536.	N., Fatima, Nazira; M.S., Ur Rahman, Muhammad Saif; M.A., Qasim, Muhammad Awais; U.A., Ashfaq, Usman Ali; U., Ahmed, Uzair; M.S., Masoud, Muhammad Shareef	Transcriptional Factors Mediated Reprogramming to Pluripotency	2024	Current Stem Cell Research and Therapy	19	3	367	388
1537.	S., Mahmood, Sajid; O.M., Alduhaish, Osamah M.; M., Ammar, Muhammad; S., Khan, Shahid; N., Ahmad, Niaz; G.A., Abbas Ashraf, Ghulam Abbas; N.,	Correction to: Ptâ€‘modified Fe3O4 Supported on Ni Foam Nanocomposite for Electrocatalytic Nitrate Reduction to Ammonia	2024	Electrocatalysis	15	1	171	

	Afshan, Noshin; N., Hassan, Noor	(Electrocatalysis, (2024), 15, 1, (159-170), 10.1007/s12678-023-00851-w)						
1538.	N., Zafar, Nimra; N.A., Akram, Nudrat Aisha; K., Fatima, Kaneez; S., Noreen, Sibgha; M.S., Akram, Muhammad Sohail; S., Umer, Saliha; M., Ashraf, Muhammad; A.A., Alsahli, Abdulaziz Abdullah; S., Mansoor, Sheikh	Drought-induced changes in plant-yield interlinked biochemistry of cauliflower (Brassica oleracea L. var. botrytis) by exogenously applied alpha-tocopherol	2024	Journal of King Saud University - Science	36	1		
1539.	A., Imtiaz, Aneeza; H., Alolaiyan, Hanan; U., Shuaib, Umer; A., Razaq, Abdul; J., Liu, Jiabao	Applications of conjunctive complex fuzzy subgroups to Sylow theory	2024	AIMS Mathematics	9	1	38	54
1540.	H., Akram, Hina; G., Abbas, Ghulam; N., Ameer, Nabeela; K., Mahmood, Khalid; S., Shah, Shahid; M.S., Hanif, Muhammad Shahid	Alginate raft as carrier for self-emulsifying drug delivery system of curcuminoid: In vitro and in vivo analysis	2024	Journal of Molecular Liquids	393			
1541.	S., Shahid, Salma; R., Mosrati, Ridha; D., Corroler, David;	Bioconversion of glycerol into polyhydroxyalkan	2024	International Journal of Biological Macromolecules	256			

	C., Amiel, Caroline; J.L., Gaillard, Jean Luc	oates through an atypical metabolism shift using Priestia megaterium during fermentation processes: A statistical analysis of carbon and nitrogen source concentrations						
1542.	A., Gasmi, Amin; F., Asghar, Farah; S., Zafar, Saba; P., Oliinyk, Petro; O.P., Khavrona, Oksana P.; R.M., Lysiuk, Roman M.; M.F., Peana, Massimiliano Francesco; S., Piscopo, Salva; H.L., Antonyak, H. L.; J.J., Pen, Joeri J.	Berberine: Pharmacological Features in Health, Disease and Aging	2024	Current Medicinal Chemistry	31	10	1214	1234
1543.	Z., Zhao, Zhewen; F., Islam, Fakhrul; L.A., Waseem, Liaqat Ali; A., Tariq, Aqil; M.M., Nawaz, Muhammad Mohsin; I.U., Islam, Ijaz Ul; T., Bibi, Tehmina; N., Ur-	Comparison of Three Machine Learning Algorithms Using Google Earth Engine for Land Use Land Cover Classification	2024	Rangeland Ecology and Management	92		129	137

	Rehman, Nazir; W., Ahmad, Waqar; R.W., Aslam, Rana Waqar							
1544.	A., Ejaz, Aamir; Z., Mamtaz, Zainab; I., Yasmin, Iram; M., Shaban, Muhammad; A.B., Siddique, Abu Bakar; M.I., Irfan, Muhammad Imran; A.M., Ali, Akbar M.; S., Muhammad, Shabbir; M.Y., Sameeh, Manal Y.; A.R., Abbas, Azhar R.	Cyperus scariosus extract based greenly synthesized gold nanoparticles as colorimetric nanoprobe for Ni ²⁺ detection and as antibacterial and photocatalytic agent	2024	Journal of Molecular Liquids	393			
1545.	T., Akram, Tooba; L., Arshad, Laiba; T., Ahmed, Toheed; A., Saleem, Aimen; M., Ammar, Muhammad; A., Yusaf, Amnah	Insight into two-dimensional black phosphorus: An emerging energy storage material	2024	Materials Science and Engineering: B	299			
1546.	N., Shafiq, Nusrat; G., Zareen, Gul; U., Arshad, Uzma; F., Imtiaz, Fazeelat; M., Rashid, Maryam; S., Parveen, Shagufta; F., Yasmin, Farah; B., Ali, Basharat	A Mini Review on the Chemical and Bio-Medicinal Aspects along with Energy Storage Applications of Anthraquinone and its Analogues	2024	Mini-Reviews in Organic Chemistry	21	2	134	150

1547.	I., SanaUllah, Ifra; S., Khan, Sidra; D., Ali, Daoud; A., Sajjad, Amna; S., Shamaila, Shahzadi; Z., Kanwal, Zakia; A., Nasim Sabri, Anjum; S., Atiq, Shahid; S., Naseem, S.; S., Riaz, Saira	Investigation and optimization of In-Vitro behaviour of Perovskite barium titanate as a scaffold and protective coatings	2024	Journal of the Mechanical Behavior of Biomedical Materials	149			
1548.	S., Mahmood, Sajid; O.M., Alduhaish, Osamah M.; M., Ammar, Muhammad; S., Khan, Shahid; N., Ahmad, Niaz; G.A., Abbas Ashraf, Ghulam Abbas; N., Afshan, Noshin; N., Hassan, Noor	Pt-modified Fe3O4 Supported on Ni Foam Nanocomposite for Electrocatalytic Nitrate Reduction to Ammonia	2024	Electrocatalysis	15	1	159	170
1549.	A., Maqsood, Ahsan; R., Munir, Ruba; G.I., Albasher, Gadah Ibraheem; M., Sayed, Murtaza; R., Nadeem, Raziya; N., Jahan, Nazish; A., Muneer, Amna; M.A., Yaseen, Muhammad	Synthesis of hybrid layered double hydroxides (HLDH) and application as adsorbent for removal of direct sky-blue dye	2024	Chemical Engineering Communications	211	5	664	688

	Ahsan; M., Zahid, Muhammad; F., Younas, Fazila							
1550.	M.Z.U.H., Arsalan, Muhammad Zubair UI Hassan; S.M., Hussain, Syed Makhdoom; A.I., Hussain, A. I.; M.I., Hussain, Majid I.; M., Asrar, Muhammad; Z., Yousaf, Zeeshan; A.A., Bano, Aumme Adeeba	Efficacy of Dietary Supplementation with Phytase and Citric Acid on Whole-Body Composition and Hematological Parameters of Cyprinus carpio and Cirrhinus mrigala Fingerlings Fed on Canola Meal-Based Diet	2024	Pakistan Journal of Zoology	56	5	2163	2173
1551.	A.A., Al-Huqail, Arwa Abdulkreem; A., Rizwan, Ali; M., Zia-Ur-Rehman, Muhammad; H.A.S., Al-Haithloul, Haifa Abdulaziz Sakit; S.M., Alghanem, Suliman Mohammed; M., Usman, Muhammad; N., Majid, Naveeda; Y., Alhaj Hamoud, Yousef; M.S., Rizwan,	Corrigendum to “Effect of exogenous application of biogenic silicon sources on growth, yield, and ionic homeostasis of maize (Zea mays L.) crops cultivated in alkaline soil” [Chemosphere 341, November (2023) 140019]	2024	Chemosphere	346			

	Muhamamd Shahid; A.H., Abeed, Amany H.A.	(Chemosphere (2023) 341, (S004565352302 2889), (10.1016/j.chemosphere.2023.140019))						
1552.	A., Ashfaq, Arslan; R.S.A., Almufarij, Rasmiah Saad A.; I.M., Ragab, Islam M.; Y., Ali, Yasir; L.G., Alharbe, Lamiaa G.; E.A., Shokralla, Elsammani Ali; S.M., Alghamdi, Shoug Mohammad; E., Alsubhe, Emaan; O.A., Albeydani, Ohood Abdullah; R.R., Macadangdang, R. R.	Post-selenization induced structural phase transition and enhanced thermoelectric properties in AgBiSe ₂ alloy thin films	2024	Vacuum	219			
1553.	M.U., Khan, Muhammad Usman; S., Nadeem, Sehar; A., Fatima, Aliha; J., Yaqoob, Junaid; F., Abbas, Faheem; H.W., Darwish, Hany W.; M.R.S.A.,	Theoretical study of static and frequency-dependent nonlinear optical properties of 1-phenyl-2,5-di(thiophen-2-yl)-1H-pyrrole based	2024	Materials Science and Engineering: B	299			

	Janjua, Muhammad Ramzan Saeed Ashraf	D-π-A chromophores through π-linkers modifications: A gateway towards giant nonlinear optical compounds						
1554.	M.U., Ijaz, Muhammad Umar; S.S., Zahara, Syeda Sania; M., Batool, Moazama; M.H., Almutairi, Mikhlid Hammad; A., Ishtiaq, Ayesha; A., Ashraf, Asma	Therapeutic potential of kaempferide against paraquat instigated cardiac toxicity in rats	2024	Journal of King Saud University - Science	36	1		
1555.	Z., Al Timimi, Zahra; Z.J., Tammemi, Zeina J.; M.S., Akram, Muhammad Sohail	The Effects of Multiple Power Densities of Carbon Dioxide Laser on Photothermal Damage in Rat Skin Tissue	2024	Current Applied Science and Technology	24	1		
1556.	M.M., Sajid, Muhammad Munir; H.F., Zhai, Haifa Fai; M.A., Iqbal, Muhammad Aamir; N.A., Shad, Naveed Akhtar; A., Munawar, Anam	Tunable Fe ⁺³ and W ⁺⁶ Co-doped BiVO ₄ nanohybrids with efficient photocatalytic and electrochemical chemical sensing	2024	Ceramics International	50	1	957	968

		characteristics						
1557.	I., Irshad, Iqra; R., Munir, Ruba; G.I., Albasher, Gadah Ibraheem; A., Muneer, Amna; M.A., Yaseen, Muhammad Ahsan; M., Zahid, Muhammad; R., Nadeem, Raziya; N., Jahan, Nazish; M.I., Jilani, Muhammad Idrees; F., Younas, Fazila	Synthesis of metal doped nano-ferrites Co _{0.5} Zn _{0.25} M _{0.25} Fe ₂ O ₄ by co-precipitation method and application as adsorbent and photocatalyst for removal of direct orange-108 acid dye: equilibrium, kinetic and thermodynamic studies	2024	Journal of Dispersion Science and Technology	45	13	2466	2485
1558.	M., Naveed, Muhammad; M.W.H., Chan, Malik Wajid Hussain; S., Aslam, Sadar; F., Wang, Fenghuan; A., Sajjad, Anas; A., Ullah, Asad; N., Saleem, Nida; M.S., Haider, Muhammad Samee; V.V., Arija, Victoria V.	Nutritional composition assessment and antimicrobial activity of <i>Catostylus perezii</i> , jellyfish blooms along the coast of Pakistan: an awareness to avoid food neophobia in Pakistan	2024	Natural Product Research	38	22	3957	3963
1559.	F.U., Hassan, F. Ul; M., Saif-Ur-Rehman,	Identification of phytochemicals as putative	2024	Journal of Biomolecular Structure and Dynamics	42	22	12164	12175

	Muhammad; M.M., Javed, Maryam M.; K., Ahmad, Khalil; I., Fatima, Israr; M., Safdar, Muhammad; N., Ashraf, Noman; A., Nadeem, Asif	ligands for the targeted modulation of peroxisome proliferator-activated receptor α (PPAR α) in animals						
1560.	M., Hussain, Majid; A., Lubna, Aqsa; M.U., Ashraf, Mehwish Usman; M.S., Anwar, Muhammad Shoaib; Q.A., Ranjha, Qasim Ali; A., Ali, Akhtar	Ohmically dissipated MHD mixed convective flow of Williamson fluid over a penetrable stretching convective wedge with thermal radiations	2024	Numerical Heat Transfer, Part B: Fundamentals	85	8	1026	1040
1561.	F., Kiran, Faiqa; S.A., Lodhi, Suleman Aziz; R., Shabbir, Rizwan; A., Zubair, Ahsan	Consumers' Journey toward Brand Loyalty Using Social Media Brand Community Engagement: A Case of Fashion Brands	2024	Journal of Promotion Management	30	1	129	156
1562.	M., Hussain, Majid; A., Ali, Akhtar; Q.A., Ranjha, Qasim Ali; I.A., Ahmad, Iftikhar A.; M.S., Anwar, Muhammad Shoaib	Radiative magneto-cross Eyring-Powell flow with activation energy past porous stretching wedge	2024	Numerical Heat Transfer, Part B: Fundamentals	85	7	867	882

		considering suction/injection and ohmic heating effect						
1563.	I.U., Mufti, Isra Umbreen; M.A., Sufyan, Muhammad Abu; I., Shahid, Imran; A.R., Alzahrani, Abdullah R.; N., Shahzad, Naiyer; I.M., M Alanazi, Ibrahim Mufadhi; I.A.A., Ibrahim, Ibrahim Abdel Aziz; S., Rehman, Sidra	Computer-aided identification of dengue virus NS2B/NS3 protease inhibitors: an integrated molecular modelling approach for screening of phytochemicals	2024	Journal of Biomolecular Structure and Dynamics	42	20	1105 2	11063
1564.	A., Rafiq, Ayesha; S., Aslam, Sana; N.U.A., Mohsin, Noor Ul Amin; M.N., Ahmad, Matloob N.	Synthetic Routes for the Development of Piperazine-Based Acetanilides and Their Medicinal Importance	2024	Polycyclic Aromatic Compounds	44	7	4979	5007
1565.	T., Asghar, Toheed; F.U., Rehman, Fazal Ur; A., Javid, Amjed; K.M., Zia, Khalid Mahmood; S., Tabasum, Shazia	Green Synthesis of Polyurethanes Using Soybean Oil-Based Polyols for Bioactive Functional Fabrics	2024	Arabian Journal for Science and Engineering	49	1	531	545
1566.	C.E., Maya-Ramírez, Carlos Eliel; Z., Shokat, Zeeshan;	Identification of novel scaffolds targeting SIRT3	2024	Journal of Biomolecular Structure and Dynamics	42	19	1016 5	10174

	M.A., Sufyan, Muhammad Abu; T.M., Rehman, Tabish M.; M.F., Al Ajmi, Mohamed F.; G.M., Rather, Gulam Mohmad	through molecular modeling techniques for the treatment of Hepatocellular carcinoma						
1567.	M., Usman Khan, Muhammad; F., Shafiq, Faiza; M.R.S.A., Janjua, Muhammad Ramzan Saeed Ashraf; M.U., Khalid, Muhammad Umar; J., Yaqoob, Junaid; M., Arshad, Muhammad; S.M., Alshehri, Saad M.; R.A., Khan, Rais Ahmad	Predicting benzodithiophene based donor materials with enhanced 19.09% PCE, open-circuit voltage and optoelectronic attributes for solar cell applications: Photochemical insights from DFT	2024	Journal of Photochemistry and Photobiology A: Chemistry	446			
1568.	O., Benkhadda, Omaima; M., Saih, Mohamed; K., Chaji, Kebir; A., Sarosh, Ahmad; A., Reha, Abdelati	Miniaturized tri-band fractal antenna design for LTE, WLAN, WiMAX and C-band applications	2024	International Journal of Electronics	111	11	2022	2040
1569.	F., Mustafa, Fakhar; R.A.K., Sherwani, Rehan Ahmad Khan; M.A., Raza, Muhammad Ali	A progressive mean control chart for dispersed count data considering tail behavior	2024	Quality Technology and Quantitative Management	21	5	766	785
1570.	S., Bibi, Safura;	Water	2024	Arid Land Research and Management	38	1	81	96

	M.S.A., Ahmad, Muhammad Sajid Aqeel; M., Hameed, Mansoor; A.K., Alvi, Ambreen Khadija	conservation strategies in big cordgrass (Desmostachya bipinnata L.) for ecological success in hyper-arid and saline-arid environments						
1571.	A., Tariq, Ayesha; M.R., Javed, Muhammad Rizwan; M.I., Majeed, Muhammad Irfan; H., Nawaz, Haq; N., Rashid, Nosheen; S., Yousaf, Sadia; A., Ijaz, Anam; N., Ul Huda, Noor; H., Tahseen, Hira; A., Naman, Abdul	Characterization of Aspergillus niger DNA by Surface-Enhanced Raman Spectroscopy (SERS) with Principal Component Analysis (PCA) and Partial Least Square Discriminant Analysis (PLS-DA) with Application for the Production of Cellulase	2024	Analytical Letters	57	7	1123	1136
1572.	F., Azam, F.; H., Ali, Hasham; F., Ahmad, Faheem; A., Rasheed, Abher; S., Ahmad, Sheraz; M.U., Ali,	A Fibrous Nonwoven Hydrogel Composite for Shoe Insole with Enhanced	2024	Journal of Polymers and the Environment	32	1	399	410

	Muhammad Usman; Y., Nawab, Yasir	Mechanical and Comfort Properties						
1573.	M.A., Shah, Muhammad Ajmal; H.I., Faheem, Hafiza Ishmal; A., Hamid, Ayesha; R., Yousaf, Rimsha; M., Haris, Muhammad; U., Saleem, Uzma; G.M., Shah, Ghulam Mujtaba; R.H.A., Alhasani, Reem Hasaballah A.; N.A., Althobaiti, Norah Ayidh; I.A., Alsharif, Ifat A.	The entrancing role of dietary polyphenols against the most frequent aging-associated diseases	2024	Medicinal Research Reviews	44	1	235	274
1574.	N., Shafiq, Nusrat; A., Jannat, Aqsa; H., Munir, Huma; M., Rashid, Maryam; S., Parveen, Shagufta	Exploring the potential of FDA approved anti-diabetic drugs for repurposing against COVID-19: a core combination of multiple computational strategies and integrated artificial intelligence	2024	Journal of Biomolecular Structure and Dynamics	42	13	6556	6576
1575.	U., Amin, Uzma; R.,	Gut-joint axis:	2024	Journal of Traditional and Complementary	14	1	26	39

	Jiang, Rong; S.M., Raza, Shahid Masood; M., Fan, Mengtian; L., Liang, Li; N., Feng, Naibo; X., Li, Xiaoli; Y., Yang, Yuyou; F., Guo, Fengjin	Oral Probiotic ameliorates Osteoarthritis		Medicine				
1576.	A., Draz, Asma; H.M., Jaffar, Hafiza Madiha; B., Rizwan, Bahisht; S., Sukhera, Sadia; S.A., Batool, Syeda Aiman; S., Noreen, Sana; N., Koser, Nazia; Z., Islam, Zeenat	Comparison and effect of plain and calcium fortified yogurt on glycemic responses, anthropometrics and metabolic biomarkers	2024	Immunological Medicine	47	1	30	36
1577.	U., Farooq, Umar; M.A., Imran., Muhammad Asjad; N., Fatima, Nahid; S., Noreen, Sobia; A., Alhushaybari, Abdullah; A., Akg~l, Ali; M.D.L., De la Sen, M. Dela L.; A.M., Galal, Ahmed Mohamed	Analysis of Kerosene oil conveying silver and Manganese zinc ferrite nanoparticles with hybrid Nanofluid: Effects of increasing the Lorentz Force, Suction, and volume fraction	2024	Ain Shams Engineering Journal	15	1		
1578.	M., Saleem, Muntaha; M.M., Fareed, Muhammad	Network pharmacology and multitarget analysis of Nigella	2024	Journal of Biomolecular Structure and Dynamics	42	9	4800	4816

	Mazhar; M., Salman Akbar Saani, Muhammad; S.V., Shityakov, Sergey V.	sativa in the management of diabetes and obesity: a computational study						
1579.	W.A., Gill, Waqas Amber; M.U., Khan, Muhammad Usman; Z., Shafiq, Zunaira; M.R.S.A., Janjua, Muhammad Ramzan Saeed Ashraf	RETRACTED:Explo ring the intermolecular interactions in carbon disulfide dimer: An ab initio study using an improved Lennard-Jones potential energy surface for physical insights	2024	Journal of Physical Organic Chemistry	37	1		
1580.	A.A., Rakha, Allah A.; H., Rasheed, Hina; R., Rabail, Roshina; S.T., Muntaha, Sidra Tul; I., Fatima, Iraj; R., Noreen, Rabia; R.M., Aadil, Rana Muhammad	Scrabbling the Nutraceutical Potential of Berries in Gastrointestinal Disorders: A Review	2024	Food Reviews International	40	6	1521	1553
1581.	F., Asad, Farkhanda; S., Naz, Shabana; T., Ali, Tayyaba; Y., Gul, Yasmeen; R., Jamal, Rafia; Z., Shaheen, Zunaira;	Effect of natural and synthetic androgen hormone on sex reversal of Nile Tilapia (Oreochromis	2024	Brazilian Journal of Biology	84			

	M., Tasadaq, M.; A., Nadeem, Aiman; N., Anwar, Noshaba; N., Batool, Navaira	niloticus); Efeito do hormônio androgênio natural e sintético na reversão sexual da Tilápia do Nilo (Oreochromis niloticus)						
1582.	U., Farooq, Umar; M.A., Basit, Muhammad Abdul; S., Noreen, Sobia; N., Fatima, Nahid; A., Alhushaybari, Abdullah; E.S., M Tag El Din, El Sayed; M.A., Imran., Muhammad Asjad; A., Akgül, Ali	Recent progress in Cattaneo- Christov heat and mass fluxes for bioconvectonal Carreau nanofluid with motile microorganisms and activation energy passing through a nonlinear stretching cylinder	2024	Ain Shams Engineering Journal	15	1		
1583.	A., Amanullah, Ayesha; R., Munir, Ruba; M.Z., Bashir, Muhammad Zeeshan; M.Y., Naz, Muhammad Yasin; S., Shukrullah, Shazia; M.A., Yaseen,	Green ferrites nanoparticles synthesis using Aloe vera and watermelon rinds: their applications as sorbents in the purification of	2024	International Journal of Environmental Analytical Chemistry	104	20	8778	8801

	Muhammad Ahsan; A., Muneer, Amna; S., Noreen, Saima	direct golden yellow RL dye wastewater						
1584.	A., Majeed, Abdul; M., Tahir Ul Qamar, Muhammad; A., Maryam, Arooma; M.U., Mirza, Muhammad Usman; L., Alhussain, Laila; S.O., Al Otaibi, Seham Obaid; A.A.A., Almatroudi, Ahmad Abdulaziz A.; K.S., Allemaillem, Khaled S.; F.A., Alrumaihi, Faris A.; A.A., Aloliqi, Abdulaziz A.	Structural insights into the mechanism of resistance to bicalutamide by the clinical mutations in androgen receptor in chemo-treatment resistant prostate cancer	2024	Journal of Biomolecular Structure and Dynamics	42	3	1181	1190
1585.	M., Akhtar, Maria; M.S.U., Hasan, Muhammad Sajjad Ul; N., Amin, Nasir; N.A., Morley, Nicola A.; M.I., Arshad, Muhammad Imran	Tuning structural, electrical, dielectric and magnetic properties of Mg ²⁺ –Cu ²⁺ –Co ferrites via dysprosium (Dy ³⁺) doping	2024	Journal of Rare Earths	42	1	137	146
1586.	A.I., Altharawi, Ali I.; S.M., Alqahatani, Safar M.; M.M.,	Unveiling MurE ligase potential inhibitors for	2024	Journal of Biomolecular Structure and Dynamics	42	5	2358	2368

	Alanazi, Mohammed M.; M., Tahir Ul Qamar, Muhammad	treating multi-drug resistant Acinetobacter baumannii						
1587.	Y., Bashir, Yasir; F., Noor, Fatima; S.U., Ahmad, Sajjad U.; M.H., Tariq, Muhammad Hamza; M.A., Qasim, Muhammad Awais; M., Tahir Ul Qamar, Muhammad; A.A.A., Almatroudi, Ahmad Abdulaziz A.; K.S., Allemailem, Khaled S.; F.A., Alrumaihi, Faris A.; F.F., Alshehri, Faez Falah	Integrated virtual screening and molecular dynamics simulation approaches revealed potential natural inhibitors for DNMT1 as therapeutic solution for triple negative breast cancer	2024	Journal of Biomolecular Structure and Dynamics	42	3	1099	1109
1588.	G.M., Engmann, Gideon Mensah; D., Han, Dong; M.A., Raza, Muhammad Ali	Multi-chart schemes for detecting a range of variance changes	2024	Quality Technology and Quantitative Management	21	2	224	236
1589.	S., Saleem, Sharjeel; S., Humayun, Shazia; M.M., Raziq, Muhammad	Proactive personality and performance in the hospitality industry firms:	2024	Current Psychology	43	3	2516	2533

	Mustafa; M.Z., Iqbal, Muhammad Zahid; M., Ahmad, Mansoor	mediating role of job crafting						
1590.	T., Raza, Tehreem; K., Samiullah, Khizar; R., Yasin, Riffat; R.M., Fazal, Rana Mehroz; M.T., Waseem, Muhammed Tahir; S., Akhter, Saleem; A., Abbas, Asghar; S., Naz, Shakila; M.A., Bashir d Sagheer Atta, Muhammad Amjad; I.U., Malik, Inayat Ullah	New fossil remains of proboscideans from the Siwalik group of Pakistan	2024	Historical Biology	36	3	572	586
1591.	M.W., Bari, Muhammad Waseem; I., Shahzadi, Irum; M.F., Sheikh, Muhammad Fayyaz	Management strategies to mitigate knowledge hiding behaviours: symmetric and asymmetric analyses	2024	Knowledge Management Research and Practice	22	2	162	176
1592.	H., Urooj, Hira; T., Javed, Tariq; M.B., Taj, M. B.; M., Nouman Haider, Muhammad	Adsorption of crystal violet dye from wastewater on Phyllanthus emblica fruit (PEF) powder: kinetic and	2024	International Journal of Environmental Analytical Chemistry	104	19	7474	7499

		thermodynamic						
1593.	M.Z., Shah, M. Z.; G., Mustafa, G.; M.N., Iqbal, Muhammad Nasir; M.A., Qasim, Muhammad Awais; K., Abbas, K.; M., Umair, Muhammad; H.M.A., Baig, Hafiz Muhammad Azhar	Prevalence of Gram positive bacteria in the affected individuals of Otitis media with effusion from the indigenous population of Southern Punjab, Pakistan: first report; Prevalência de bactérias Gram-positivas em indivíduos afetados por Otitite média com efusão da população indígena do sul de Punjab, Paquistão: primeiro relatório	2024	Brazilian Journal of Biology	84			
1594.	W.A., Madni, Waqas Ahmed; M., Mohsin, Mashkoor; M.Z., Nawaz, Muhammad Zeeshan; S., Muzammil, Saima; M.A., Zahoor,	Molecular mechanism of antimicrobial co- resistance Colistin (mcr-1) and ESBLs genes among Escherichia coli	2024	Brazilian Journal of Biology	84			

	Muhammad Asif; R., Asif, Rizwan	isolates from commercial chickens in Pakistan; Mecanismo molecular de corresponsabilidade antimicrobiana de Colistina (mcr-1) e genes ESBLs entre isolados de Escherichia coli em frangos comerciais no Paquistão						
1595.	V., Lal, Vijay; M.M., Naeem, M. Mubashar; M.I., Asad, Muhammad Imran; K., Tanveer, Khuzeema; A., Zulfiqar, Ayesha; S., Kausar, Sana	Study of digestive enzymes in marine fish, Terapon jarbua, from Pakistan; Estudo de enzimas digestivas em peixes marinhos Terapon jarbua, do Paquistão	2024	Brazilian Journal of Biology	84			
1596.	S., Qamar, Shahzaib; S., Karim, Sana; S., Aslam, Samina; M.H., Jahangeer, Muhammad Hamza; R., Nelofer, Rubina; A.A.,	Alginate-Based Bio-Nanohybrids with Unique Properties for Biomedical Applications	2024	Starch/Staerke	76	45659		

	Nadeem, Abad Ali; S.A., Qamar, Sarmad Ahmad; T.I., Jesionowski, Teofil I.; M.Q., Bilal, Muhammad Qamar							
1597.	Z., Haider, Z.; S., Qamer, Samina; S., Kanwal, Sobia; S., Manzoor, Saba; M., Naeem, M.; J., Uddin, Jalal; T., Liaqat, Tehrim; A., Parveen, Ayesha; A.L., Khan, Ajmal L.; A.S., Al-Harrasi, Ahmed Sulaiman	Assessment of essential minerals and physico-chemical analysis of floral origins fresh honey produced by Apis mellifera; Avalia��o de minerais essenciais e an�lise f�sico-qu�mica do mel fresco de origem floral produzido por Apis mellifera	2024	Brazilian Journal of Biology	84			
1598.	M., Yasir, Muhammad; Y., Ansari, Yasmeen; K., Latif, Khalid; H., Maqsood, Haider; H.A., Habib, Hafiz Adrian; J., Moon, Jihoon; S., Rho, Seungmin	Machine learning��assist ed efficient demand forecasting using endogenous and exogenous indicators for the textile industry	2024	International Journal of Logistics Research and Applications	27	12	2867	2886
1599.	S.Z., Iqbal, Shahzad Zafar; M., Akbar,	Assessment of patulin in	2024	International Journal of Environmental Analytical Chemistry	104	16	3866	3876

	Mehnaz; A.F., Abdull Razis, Ahmad Faizal; M., Waqas, Muhammad	different cultivars of apples, juices, and distribution in decay portion						
1600.	B., Ahmad, Bashir; I., Shafique, Imran; A., Qammar, Ahmad; M., ErÅşek, Mehmet; M.N., Nawaz Kalyar, Masood Nawaz	Prompting green product and process innovation: examining the effects of green transformational leadership and dynamic capabilities	2024	Technology Analysis and Strategic Management	36	6	1111	1123
1601.	L., Zhang, Li; A.M., Sahar, Ayesha M.; C., Li, Changhu; A., Chaudhary, Aqsa; I., Yousaf, Irum; M.A., Saeedah, M. A.; A.S., Mubarak, Ayman Salem; M.S., Haris, Muhammad Shahbaz; M.R., Nawaz, Muhammad Rameez; M.A., Reem, M. A.	A detailed multi- omics analysis of GNB2 gene in human cancers; Uma anÅjlise multiÅmica detalhada do gene GNB2 em cÅnceres humanos	2024	Brazilian Journal of Biology	84			
1602.	M., Yasir, Muhammad; A., Nawaz, Atif; G., Shakira, G.; M.K.,	Anti-bacterial activity of essential oils against	2024	Brazilian Journal of Biology	84			

	Okla, Mohammad Khair; A., Chaudhary, Aqsa; W.H., Al, Wahidah H.; M.N., Ajmal, M. N.; H.R., Abdelgawad, Hamada R.; Z., Ahmad, Zafar; F., Abbas, Ferhat	multidrug-resistant foodborne pathogens isolated from raw milk; Atividade antibacteriana de Ã³leos essenciais contra patÃ³genos alimentares multirresistentes isolados de leite cru						
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1604.	F., Abid, Farah; M.U., Saleem, Mohammad Usman; T., Leghari, T.; I., Rafi, I.; T., Maqbool, Tahir; F., Fatima, F.; A.M., Arshad, A. M.; S., Khurshid, Sameera; S., Naz, Sadia; F.,	Evaluation of in vitro anticancer potential of pharmacological ethanolic plant extracts Acacia modesta and Opuntia monocantha against liver	2024	Brazilian Journal of Biology	84			

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1606.	W., Khan, Wali; H., Ul-Hassan, Habib; K., Gabol, Karim; S., Khan, S.; Y., Gul, Yasmeen; A.E., Ahmed, Ahmed	Biodiversity, distributions and isolation of microplastics pollution in finfish species in	2024	Brazilian Journal of Biology	84			

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1608.	T., Khalil, T.; M.K., Okla, Mohammad Khair; W.H., Al-Qahtani, Wahidah Hazza; F., Ali, Farooq; M., Zahra, Maryam; Q., Shakeela, Qismat; S., Ahmed, Safoora; N., Akhtar, Nosheen; H.R., Abdelgawad, Hamada R.; R., Asif, Rizwan	Tracing probiotic producing bacterial species from gut of buffalo (Bubalus bubalis), South-East-Asia; Rastreando espécies bacterianas produtoras de probióticos de intestino de búfalo (Bubalus bubalis), sudeste da Ásia	2024	Brazilian Journal of Biology	84			
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1610.	S.A., Qamar, Sarmad Ahmad; M., Junaid, Muhammad; A., Riasat, Areej; M.H., Jahangeer, Muhammad Hamza; M.Q., Bilal, Muhammad Qamar; B.Z., Mu, Bo Zhong	Carrageenan-Based Hybrids with Biopolymers and Nano-Structured Materials for Biomimetic Applications	2024	Starch/Staerke	76	45659		
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1614.	U.A., Hassam, U. A.; A., Gulzar, Asim; B., Rasool, Bilal; S., Zafar, Sadia; T., Younis,	Efficacy of Citrullus colocynthis seed extract on Earias vittella, Fabricius,	2024	Brazilian Journal of Biology	84			

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1615.	Zulqurnain; S., Sultana, Salma; T., Sultana, Tayyaba; S., Mahboob, Shahid	Fatty acid profile variations after exposure to textile industry effluents in Indian Major Carps; Variações do perfil de Ácidos graxos após exposição a efluentes da indústria têxtil nas principais carpas indianas	2024	Brazilian Journal of Biology	84			
1616.	M., Ahmad, Mukhtiar; Y.,	Up-regulation of GINS1 highlighted	2024	Brazilian Journal of Biology	84			

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1617.	M.A., Aiyashi, Mohammed Ali; H.M., Waqas, Hassan M.; F.F., Bukhari, Faisal Fareed; T., Muhammad, Taseer	A thermal model for bio-convection transport of nanofluid due to stretching cylinder with Marangoni boundary conditions	2024	Waves in Random and Complex Media	34	6	6063	6079
1618.	A., Al-Zubaidi, Abdou; M., Nazeer, Mubbashar; G.S., Subia, Gener S.; F., Hussain, Farooq; S., Saleem, Salman; M.M., Ghafar, M.	Mathematical modeling and simulation of MHD electro-osmotic flow of Jeffrey fluid in convergent	2024	Waves in Random and Complex Media	34	5	4886	4902

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1619.	U., Manzoor, Umair; M.A., Imran, Muhammad Asjad; T., Muhammad, Taseer; H.M., Waqas, Hassan M.; M.S., Alghamdi, Metib Said	Heat transfer improvement in hybrid nanofluid flow over a moving sheet with magnetic dipole	2024	Waves in Random and Complex Media	34	5	4494	4508
1620.	T., Muhammad, Taseer; H.M., Waqas, Hassan M.; S.A., Khan, Shan Ali; M.S., Alqarni, Marei Saeed	Melting heat transfer in bioconvective transport of Williamson nanofluid over a wedge with exponential space and thermal-dependent heat source	2024	Waves in Random and Complex Media	34	5	4463	4493
1621.	F., Mellal, Fatma; R., Bennai, Riadh; M., Nebab, Mokhtar; H.A., Ait Atmane, Hassen Ait; F., Bourada, Fouad; M., Hussain, Muzamal; A., Tounsi, Abdelouahed	Investigation on the effect of porosity on wave propagation in FGM plates resting on elastic foundations via a quasi-3D HSDT	2024	Waves in Random and Complex Media	34	5	3727	3753
1622.	S.U.R., Qamar, Safi Ur Rehman; S.,	Biosynthesis of silver	2024	International Journal of Pest Management	70	3	375	383

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1623.	H.M., Waqas, Hassan M.; U., Manzoor, Umair; M.S., Alqarni, Marei Saeed; T., Muhammad, Taseer	Numerical study for bioconvection in magnetized flow of micropolar nanofluid utilizing gyrotactic motile microorganisms	2024	Waves in Random and Complex Media	34	4	3221	3236
1624.	A., Saleem, Ammara; M.F., Akhtar, Muhammad Furqan; A., Latif, Ayesha; M.M., Abdel-Daim, Mohamed M.; M.M.F.A., Baig, Mirza Muhammad Faran Ashraf; M.U., Saleem, Mohammad Usman; M.H., Mehmood, Malik Hassan	Chemical characterisation and appraisal of antidiabetic potential of Terminalia citrina extract in streptozotocin induced hyperglycaemia in Wistar rats	2024	Archives of Physiology and Biochemistry	130	1	56	69
1625.	H.M., Waqas,	Bioconvection	2024	Waves in Random and Complex Media	34	4	2498	2517

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1626.	H.M., Waqas, Hassan M.; M., Hussain, Mohib; M.S., Alqarni, Marei Saeed; M.R., Eid, Mohamed R.; T., Muhammad, Taseer	Numerical simulation for magnetic dipole in bioconvection flow of Jeffrey nanofluid with swimming motile microorganisms	2024	Waves in Random and Complex Media	34	3	1958	1975
1627.	S., Yasri, Sora; V., Wiwanitkit, Viroj	Graphene-based Nanocomposite Sensors for Infectious Disease	2024	RSC Nanoscience and Nanotechnology	60		568	593
1628.	U., Farooq, Umar; A., Rasul, Akhtar; Y., Mehmood, Yasir; H., Shahid, Hira; Y.A., Bin Jardan, Yousef A.; S., Ibenmousa, Samir; M., Bourhia, Mohamed	Physically Crosslinked Polymeric Network for Controlled and Mucoadhesive Release of Miconazole for Topical Ocular Delivery	2024	Letters in Drug Design and Discovery	21	19	4698	4708
1629.	T., Qamar, Tariq; R.S., Shabir Ahmad, Rabia S.; M.S., Arshad,	Assessing the Effectiveness of Local and International	2024	Journal of Food Quality	2024	1		

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1630.	A., Feezan, Ali; S., Afzal, Samina; S.M., Shoaib, Syed Muhammad; K., Rehman, Kanwal; A., Hussain, Amjad; M.S.H., Akash, Muhammad Sajid Hamid; M., Shahid, Mudassar; B., Sadaf, Bushra	Biochemical Impact of Nickel-Induced Metabolic Impairment and the Protective Effects of Resveratrol and Ascorbic Acid	2024	Journal of Food Biochemistry	2024	1		
1631.	A., Jamal, Adil; A., Arif, Amina; S., Kiran, Shumaila; M.N., Shahid, Muhammad Naveed; M.B., Hossain, Md Belal	Inquisition of the Phytochemistry, Antioxidants, and Hemolytic and Antimicrobial Potential of Polar Extracts of Moringa oleifera Leaves Indigenously Grown in Pakistan	2024	Journal of Chemistry	2024	1		
1632.	W., Wang, Wenwen; M.Q., Barkat, Muhammad	Pharmacological Appraisal of Aqueous Ethanolic Extract	2024	Journal of Food Biochemistry	2024	1		

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1633.	S., Sadiq, Saiqa; R.P., Iqbal, Rana Pervaiz; N., Sultana, Nayyer	Social Media and Democratic Consolidation in the Postmilitarized Nations: A Study of Pakistan, Nigeria and Brazil	2024	Journal of Management Practices, Humanities and Social Sciences (JMPHSS)	8	3	133	145
1634.	B., Saleem, Bisma; G.S., Hussain, Ghulam Sabir; A., Rasul, Azhar; H., Anwar, Haseeb; M., Hassan, Mudassir	Antidiabetic Potential of Mushroom-Based Herbal Formulation in Streptozotocin-Induced Diabetic Rats	2024	Scientifica	2024	1		
1635.	S., Raza, Saqib; I., Fatima, Iqra; S., Arif, Shumaila; M., Sharif, Muhammad; M.S.,	The Future of Learning: Building Trust and Transparency in AI Education	2024	Journal of Management Practices, Humanities and Social Sciences (JMPHSS)	8	3	62	74

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1636.	M., Ali, Muddassar; A.U., Saleem, Ali Usman	Negotiations Between the Center and the Margin: Hanifâ€™s Red Birds as a Transcultural Contact Zone	2024	Journal of Management Practices, Humanities and Social Sciences (JMPHSS)	8	2	53	61
1637.	A., Fatima, Andleeb; M.A., Naeem, Muhammad Aamir; Shahiq-Uz-Zaman; Masood-Ur-Rehman; Z., Javaid, Zeeshan; K.W., Ng, Keng Wooi; H., Hussain, Hina; M., Asif, Muhammad	Screening of nanoemulgels for physicochemical stability and antifungal efficacy	2024	Advances in Nano Research	16	6	593	600
1638.	K.M., Khedher, Khaled Mohamed; S.A., Chattah, Shahzad Ali; M.A., Khadimallah, Mohammad Amien; I., Ahmad, Ikram; M., Hussain, Muzamal; R.M.A., Muntazir, Rana Muhammad Akram; M.A.,	Fluid bounding effect on FG cylindrical shell using Hankelâ€™s functions of second kind	2024	Advances in Nano Research	16	6	565	577

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1639.	M., Hussain, Muzamal; M.A., Khadimallah, Mohamed Amine; H., Sharif, Humaira; E.A., Ali, Elimam Abdallah	Microorganisms profile variation in MHD Casson nanofluid: Chemical reaction and Arrhenius energy activation	2024	Advances in Nano Research	17	4	293	299
1640.	S., Ahmad, Shabbir; H., Akmal, Hasnain; K., Shahzad, Khurram; M.K.A., Khan, Muhammad Khalil Ahmad; F., Jabeen, Farhat	Evaluating the Toxicity Induced by Bisphenol F in Labeo rohita Fish Using Multiple Biomarker Approach	2024	Scientifica	2024	1		
1641.	S., Aslam, Sehar; M.A., Qasim, Muhammad Awais; F., Noor, Fatima; M.S., Shahid, Muhammad Shafiq; U.A., Ashfaq, Usman Ali; S., Munir, Samman; H.F., Al-Harthi,	Potential Target Metabolites From Gut Microbiota Against Hepatocellular Carcinoma: A Network Pharmacology and Molecular Docking Study	2024	International Journal of Microbiology	2024	1		

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1642.	ZulaikhaNadeem Syed Kazim Shah	Exploring the Relationship Between Creativity and Narrative Writing Proficiency of Pakistani Undergraduate ESL Learners	International Journal of Linguistics and Culture	ISSN (Print): 2707-6873 ISSN (Online): 2788-8347 Volume: 5, Issue No: 1, Year: June 2024		Y	2 nd	
1643.	Rai Hassan Iqbal Dr Syed Kazim Shah Allah Rakha	Pronouns in Digital Linguistic Exchange: A Corpus-Based CDA Analysis	TANAZUR	, 5(3), pp. 229 – 246 ISSN [Print]: 2790-8194 ISSN [Online]: 2790-8208		Y	2 nd	
1644.	Muhammad AdilJavaid Dr Syed Kazim Shah Rai Hassan Iqbal	The Relationship Between Power & Political Language: An Examination of Imran Khan's Political Discourse	TANAZUR	Tanazur, 5(1), pp. 244 – 261 ISSN [Print]: 2790-8194 ISSN [Online]: 2790-8208		Y	2 nd	

1645.	Maria Fatima Dogar Dr. Syed Kazim Shah	Exploring Classroom Practices for Developing Reading Fluency in Public Schools	Pakistan Journal of Educational Research and Evaluation,	PJERE, December 2023, Vol. 11, No. 2, pp. 1-13		Y	2 nd	
1646.	Maria Fatima Dogar Dr. Syed Kazim Shah	Read Ahead- An Indigenous Reading Program And Its Theoretical Underpinnings	Kurdish Studies	Volume: 12, No: 1, ISSN: 2051-4883 (Print) ISSN 2051-4891		W	2 nd	
1647.	Sana Tariq Kazim Shah	Exploring Societal Constructs through Marriage Discourses: A Critical Analysis of Jane Austen's Emma	Pakistan Languages and Humanities Review (PLHR)	Vol. 8 No. 2 (2024): April to June - Special Issue		Y	2 nd	
1648.	Muhammad Abrar Noor Fatima Dr. WardahAzhar	A Comparative Ideational Analysis of "The Shadow of the Crescent Moon" and	INTERNATIONAL JOURNAL OF HUMAN AND SOCIETY (IJHS) 2710-4966	Vol. 4 No. 3 (2024)		y	3rd	

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1649.	Aisha Zulfiqar Choudhary, Professor Dr. Muhammad Asim Mahmood, Dr. Aleem Shakir, Dr. Rashid Mehmood	A Comparative Study of IELTS Argumentative Essay and other Sub-genres of Learner Academic Writing in Pakistani Context	Migration Letters,	2024, Vol. 21 (S9), 718-734		X	1 st	
1650.	Aisha Zulfiqar Choudhary, Muteeur Rehman	A Corpus-Based Analysis of Interactional Metadiscourse Features used in Argumentative Essays Written by IELTS Test Takers in Pakistan.	Policy Journal of Social Science Review,	2024, Vol. 2(4), 256-272		Y	1 st	
1651.	Hafiz M Qasim, Feroza, Shafqat Nawaz	<i>A Corpus-Based Analysis of Interactive Markers in English Editorials of The News and</i>	CORPORUM Journal of Corpus Linguistics P-ISSN 2617-2917 E-ISSN 2707-787X	2024Vol. 7 No. 1 (2024) Page: 192-214 (2024-09-29)	NIL	Y	First	

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1652.	Muhammad AnsarEjaz, Prof. Dr. Muhammad AsimMahmood, Dr. Ayesha Asghar Gill	A Corpus-Based Comparative Study of Experiential Perspective in Native and Pakistani English Short Stories.	Remittances Review, 2059-6596	2024, 9(2), 1201-1215		X	C.A	
1653.	AimonAslam& Dr. WardahAzhar	A Corpus-based Contrastive Analysis of to be +Ved Passive Constructions in Pakistani and Turkish Novels	Harf o Sukhan 2709-4030	Vol.8 No.3 pg. 742, 2024		y	2 nd	
1654.	Nazia Nisar Cheema, Dr. M Javed Iqbal, Dr. Hafiz M Qasim	A <i>Cross-Cultural Exploration: Analysing the English Translation of 'Aage Samandar Hai' by Husain in Context of Diasporic Discourse</i>	INCEPTION – JOURNAL OF LANGUAGES AND LITERATUREpIS SN: 2957-9007eISSN: 2957-9015	2024 Vol 3, Issue 2, 2023 Page: 1-18 (2024-02-16)	NIL	Y	Corre spon ding	
1655.	MKhalid, Dr. Hafiz MQasim, M Arshad	<i>Analysis of Western Male and Female Character Ideologies in</i>	Jahan-e-TahqeeqISSN Print: 2709-7617 ISSN Online: 2709-7625	2024Vol. 7 No. 1 (2024):Page.357-369 dated March 21, 2024	NIL	Y	Seco nd	

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1656.	M Javed Iqbal, Umme Sadia, & Hafiz M Qasim	<i>Analyzing the Interplay of Social and Linguistic Systems in Translation: An Investigation of English-Urdu Parallel Corpus</i>	Research Journal of Language and Literary Studies ISSN 2790-556X (Online)	2024Vol. 3, Issue 2, 2023 p 186-208 dated2024/3/19	NIL	Y	Corresponding	
1657.	Zara Obaid & Muhammad Asim Mahmood	Antagonistic Communicative Function Of Pakistani Trolling Tweets	Migration Letters, 1741-8992	2024, 21 (s11) 628-641		X	C.A	
1658.	Aamir Nazeer, Dr M Javed Iqbal, and, Hafiz M Qasim	Assessing the Essence: An Appraisal Analysis of English Translations of Saraiki Short Stories	Pakistan Languages and Humanities ReviewP-ISSN 2708-6453 ISSN 2708-6461	2024 Apr-June 2024, Vol. 8, No. 2 Pages. 264-276 Published on 2024/4/6	NIL	Y	Corresponding	
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1661.	Sehar Naureen, Dr. Hafiz MQasim, Adan Jawad	<i>comparative Analysis of Circumstantial Elements in Crime News Reports from Dawn and Express Tribune</i>	Migration Letters 2007 ISSN: 1741- 8984 (Print) ISSN: 1741-8992 (Online) (Publication on 2024/2/2)	2024 Volume: 21, No: S4 (2024), pp. 1989-	NIL	X	Corre spon ding	
1662.	FaryalShahidDr. WardahAzhar IqraShehzadi	Decoding the Tweets of Pakistani Politicians: A Discourse Analysis of Communication Tactics	Harf o Sukhan 2709-4030	<i>Vol.8 No.3 pg. 666, 2024</i>		y	2 nd	
1663.	* Zobia Tariq, MPhil Dr. Muhammad	Delayed vs Immediate Corrective	Research Journal of Social Sciences & Economics Review	2024 (April – June)		Y	2 nd corre spon	

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1664.	Hafsa Bibi, MShafqat Nawaz, Dr Hafiz MQasim	<i>EMOTIONAL EXPERIENCES AND EMOTION MANAGEMENT OF ENGLISH LANGUAGE TEACHERS AT THE COLLEGE LEVEL</i>	Journal of English Language, Literature and Education ISSN (Online): 2710-4923 ISSN (Print): 2663-3485	2024 Vol. 6 Issue 3 (July-September 2024) PP. 46-68 (Published on 2024-09-30)	NIL	Y	Corresponding	
1665.	SyedaSmeetAkif, Ayesha Asghar Gill, MuhmmadAsim Mahmood, Muhammad Rashid Mahmood	Examining Cohesion in Academic Writing: A Comparative Study of Organizational Skills in Pakistani and International Research Abstracts.	Linguistic Forum- A Journal of Linguistics, 2707-5273	2024, 6(1), 38-47		Y	3 RD	
1666.	AnsaSattar, Prof. Dr. Muhammad AsimMahmood	EXPLICITATION IN OTHERS' TRANSLATIONS: A CORPUS	Jahan e Tahqeeq, 2709-7625	2024, 7(2), 860-874		Y	C.A	

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1667.	Dr. Masroor Sibtain, MAnsar Ejaz, Dr. Hafiz M Qasim*	<i>Female Sexuality and Social Stigma: A Corpus- Driven Stylistic Analysis of Hardy's Tess of the d'Urbervilles</i>	Pakistan Languages and Humanities Review P-ISSN 2708-6453 ISSN 2708-6461	2024 Jul-Sep 2024, Vol. 8, No. 3) 312-325 Publication 2024/8/12	NIL	Y	Corre spon ding	
1668.	ShahbazHaider, Prof. Dr. AsimMahmood, Ayesha Asghar Gill	Grammaticalizat ion of Morphological Changes Manifested in Finite Single- word Lexical Verbs in Shahmukhi Punjabi	Harf-o-Sukhan, 2709-4030	2024, 8(2), 992-1013		Y	C.A	
1669.	Aisha Zulfiqar Choudhary, Dr. Aleem Shakir, Professor Dr. Muhammad Asim Mahmood, Dr. Rashid Mehmood	Identification of New Factors in the IELTS Argumentative Essays Through Multidimension al Analysis in Pakistani Context.	Migration Letters,	2024, Vol. 21(S10), 582-594		X	1 st	

1670.	Rahat Batool, Faqir M Aslam Rana, Hafiz MQasim	<i>Investigating Gender Perceptions on Technology Use in Pakistan ELT Classrooms: A Survey-Based Study</i>	International Journal of Academic Research for Humanities ISSN Print: 2663-192X & Online: 2788-4139	2024 Vol. 4 Issue: 1 Page: 58-63 Publication date: 2024/3/8	NIL	Y	Third	
1671.	Rahat Batool, Faqir M Aslam Rana, Hafiz MQasim	<i>Investigating Gender Perceptions on Technology Use in Pakistan ELT Classrooms: A Survey-Based Study</i>	International Journal of Academic Research for Humanities ISSN Print: 2663-192X & Online: 2788-4139	2024 Vol. 4 Issue: 1 Page: 58-63 Publication date: 2024/3/8	NIL	Y	Third	
1672.	KiranShehzadi DrWardahAzhar AmeerHamza	Investigating Women's Social Position through Corpus-based Ideational Analysis: A Case Study of Meatless Days by Sara Suleri	Journal of arts and linguistic studies 2959-0957	Vol. 2 No. 2 (2024)		y	2 nd	
1673.	M Abrar and Dr. Hafiz M Qasim	<i>Measuring the Impact of Logical Metafunction on Syntactic Complexity: An Experimental Study of</i>	Pakistan Languages and Humanities Review P-ISSN 2708-6453 ISSN 2708-6461	2024 Jan-Mar 2024, Vol. 8, No. 1 Pages 479-491 Publication 2024/2/17	NIL	Y	Second	

		<i>Pakistani ESL Learners at Secondary Level</i>						
1674.	Dr. HumairaKhurshied, Dr. M. AsimMahmood, Samina Ali Asghar, Dr. Rashid Mahmood	Normalization in Specialized Translation; A Corpus Based Study of Genre Specific Urdu Language Texts	Jahan-e-Tahqeeq, 2709-7625	2024, 7(2), 750-759		Y	C.A	
1675.	Samina Ali Asghar, BareeraJilani, Dr. Muhammad AsimMahmood	Pragmatic Competence through Speech Acts: An Evaluation of Secondary English Textbooks in Pakistan	JOURNAL OF APPLIED LINGUISTICS AND TESOL (JALT), 2709-8273	2024, 7(4), 1149-1159		Y	C.A	
1676.	Sehar Naureen, Dr Hafiz MQasim	<i>Role of Circumstantial Features in the Representation of Crime News Reports in the Pakistani Newspaper "Dawn"</i>	Remittances Review ISSN: 2059-6588. Linking ISSN (ISS N-L): 2059-6588.	2024 May 2024, Vol: 9, No: S 2 pp. 698-718 Publication 2024/2/2	NIL	X	Corresponding	
1677.	AttiaRasoolDr. Muhammad, AsimMahmood,	SYSTEM OF CLAUSE COMPLEXES IN LOCNESS AND ICLE	JOURNAL OF APPLIED LINGUISTICS AND TESOL (JALT), 2709-8273	2024, 7(4), 799-812		Y	2 ND	

		ESSAYS: A CORPUS- BASED COMPARATIV E STUDY						
1678.	Shepherd Masood Akhtar, Dr M Amir Abbas, and Dr Hafiz MQasim	<i>The CIPP Model-Based Evaluation of English Courses taught in Non- English Degree Programs at Government College University Faisalabad</i>	Pakistan Languages and Humanities Review P-ISSN 2708-6453 ISSN 2708-6461	2024 Apr-June 2024, Vol. 8, No. 2 156-171 Publication date: 2024/4/1	NIL	Y	Corre spon ding	
1679.	Dr. Syed Kazim Shah, Dr. Hafiz MQasim, Wardah Azhar	<i>The Evolving Role of Culture in English Language Teaching: Historical Insights and Contemporary Implications</i>	Pakistan Journal of Language Studies ISSN Online 2664- 1461 · ISSN Print 2664-1453	2023 Vol. 7, Issue 1 P: 89-106 (Published on 2023-12-30	NIL	Y	Seco nd	
1680.	Dr. Syed Kazim Shah, Dr. Hafiz MQasim, Wardah Azhar	<i>The Evolving Role of Culture in English Language Teaching: Historical Insights and Contemporary</i>	Pakistan Journal of Language Studies ISSN Online 2664- 1461 · ISSN Print 2664-1453	2023 Vol. 7, Issue 1 P: 89-106 (Published on 2023-12-30	NIL	Y	Seco nd	

		<i>Implications</i>						
1681.	Zaha Zaib Dr. Shahida Naz	THE IMPACT OF BLENDED LEARNING ON TEACHING L2 ACADEMIC WRITING SKILLS AT UNDERGRAD UATE LEVEL IN PAKISTAN	Harf-o-Sukhan ISSN Online 2709- 4030 ISSN print: 2709- 2722	2024 Vol.8 No.3 615-638		Y	Corre spon ding	
1682.	Asad Raza1, Dr Muhammad Imran Shah2, Syed Fahad Imran3	The Innovative Pedagogy and Foreign Language Learning: Exploring the Effect of Corpus-Driven Language Learning on Lexical knowledge of Pakistani Undergraduates	Kurdish Studies ISSN: 2051-4883 (Print) ISSN 2051-4891 (Online	Feb.2004 Volume: 12, No: 2, pp.5975-5992		W	2 nd corre spon ding	
1683.	Shumail Nasir Dr. SHAHIDA NAZ	THE RELATION OF READING MOTIVATION, ATTITUDE AND READING	Harf-o-Sukhan	2024 Vol.8 No.3 603-614		Y	Corre spon ding	

		COMPREHEN SION OF L2 LEARNERS AT BS LEVEL IN PAKISTAN						
1684.	Muhammad AnsarEjaz, Prof. Dr. Muhammad AsimMahmood, Dr. Ayesha Asghar Gill	Unfolding The Action Through Process Types: A Corpus- Based Comparative Analysis Of Native And Pakistani English Short Stories	Migration Letters, 1741-8992	2024, 21 (s11), 175-186		X	C.A	
1685.	Rida Fatima, Ayesha Asghar Gill, Prof. Dr. Muhammad AsimMahmood, Samina Ali Asghar	UNVEILING MODAL VERB PATTERNS: A COMPARATIV E STUDY OF PAKISTANI AND NATIVE WRITERS'LIT ERATURE REVIEWS	Jahan-e-Tahqeeq, 2709-7625	2024 7 (2), 957-968		Y	C.A	
1686.	Muhammad Ahmad, Muhammad AsimMahmood , Ali RazaSiddique , Muhammad Imran, Norah	Variation in Academic Writing: A Corpus-Based Investigation on the Use of Syntactic	Journal of Language and Education, 2411- 7390	2024, 10 (3), 25-39		W	2 ND	

	Almusharraf.	Features by Advanced L2 Academic Writers						
1687.	Kanza Umar Khan, AemenAsim, Minal Fatima, Muhammad AsimMahmood	VOICES ENTWINED: THE STYLISTIC AND THEMATIC SIGNIFICANC E OF FREE INDIRECT DISCOURSE IN AUSTEN'S WRITING	Journal of Applied Linguistics and TESOL (JALT), 2709-8273	2024, 7(4), 1591-1618		Y	C.A	
1688.	Javaid, Z.K., Chen, Z., & Ramzan, M.	Assessing stress causing factors and language related challenges among first year students in higher institutions in Pakistan	Acta Psychologica, ISSN:0001-6918, EISSN:1873-6297	2024, 248, 104356	2.1	W/ SSCI/ Scopus	1 st / Corre spond ing	
1689.	Mazhar, R., & Mahmood, K.	Association among Death Anxiety, Quality of Life and Spirituality in Hemodialysis Patients; Systematic Review.	Pakistan Journal of Multidisciplinary Research,	5 (1).	Nil	Y	2 nd	
1690.	Munir, M., Javaid,	Being Mindful	Pakistan Journal of	5 (7), 26-30.	Nil	Y	Corre	

	Z. K., Mahmood, K., Parvez, K., Khan, M. A., & Ali, A. L.	Affects Experiences and Treatment of Arthritis Patients: A Qualitative Study: Mindfulness and Arthritis.	Health Sciences,	2024			sponding	
1691.	1.Amina Perveen 2. Adida Kareem 3.Rabia Maryam 4. AnsaTalib	Childhood Adversity, Resilience, and Psychopathological Symptoms among Young Adults	Migration Letters 1741-8984 (Print) ISSN: 1741-8992 (Online)	2024 Volume: 21, No: S8 (2024), pp. 408-417		X	2 nd and Corresponding author	
1692.	Nadeem, A., Khan, I., & Nadeem, K.	Childhood Trauma and Mood States: A Comparative Study between Mainstream School Children and Child Laborers.	International Research Journal of Social Sciences and Humanities, (ISSN: 2959-1392)	(2024), 3(1), 267-281.	Nil	Y	1 st	
1693.	Khan, I., Nadeem, A., & Anjum, F. A.	Childhood Trauma and Somatic Complaints in Male Child Laborers and Mainstream School Children: A Comparative	Pakistan Journal of AppliedPsychology (ISSN: 2790-5551)	(2024), 3(2), 410-421. (Published on 15-01-2024)	Nil	Y	Corresponding	

		Study.						
1694.	Shahzadi, M., & Mahmood, K.	Cognitive behaviour therapy as an evidence-based intervention for opioid use disorder: A systematic review	JPMA. The Journal of the Pakistan Medical Association,	74(5), 946-952. 2024	Nil	X	2 nd	
1695.	Khawar, R*.,Shamsher, S., & Amin, R.	Conceptualization of Social Capital in Mental Health Context among Adolescents and Adults.	<i>Pakistan Social Sciences Review</i> .(ISSN(Print): 2664-0422 - ISSN(Online): 2664-0430 - ISSN-L: 2664-0422	2024, 8(2), 428–442.		Y	1 st and Corresponding	
1696.	Ali, A.A., Mahmood, K., Javaid, Z.K.,&Athar, M.	Conflict Resolution, Psychological Well-Being and Marital Satisfaction among Spouses of Working People	Pakistan Journal of Law, Analysis and Wisdom, ISSN:2959-0817, EISSN:2959-0825	2024,3(2), 183–191		Y	1 st	
1697.	Imran Khan, Dr.Shazia Habib, Owais Iqbal	Development And Validation of An Indegneous Self-Actualization Scale For Professional Adults	International Research Journal of Social Sciences and Humanities, ISSN (Online): 2959-1392 ISSN (Print): 2959-2887	2024, Vol.:03, Issue: 01,Jan-June,2024 PP:170-188		Y	2 nd	

1698.	Hussain, S., Nadeem, A., &Khawar, R.	Development and Validation of The Silver Lining Scale for Young Adults in Pakistan.	<i>TPM: Testing, Psychometrics, Methodology in Applied Psychology.</i> <i>ISSN:1972-6325</i>	2024, 31(4), 609-629.	0.7	X	3 rd	
1699.	Keshf, Z., Nadeem, A., & Khawar, R.	Development of Career Guidance and Counseling Needs Scale: A Study from Pakistan.	<i>African and Asian Studies</i> (ISSN: 1569-2108)	(Online Published on 05-09-2024, ahead of print), Page No. 1-24	2023 IF = 0.2, 5 Year IF = 0.4	X	2 nd	
1700.	Javaid, Z. K., Mubashar, M., Mahmood, K., Noor, A., Javed, N., Akhtar, K., & Ali, A. L.	Effect of Emotional Intelligence and Self-concept on Academic Performance: A Systematic Review of Cross- Cultural Research	Bulletin of Business and Economics (BBE)	13(2), 189-199 2024	Nil	Y	Corre spond ing	
1701.	Khan, K., Javaid, Z. K., &Ali, A. A.	Effects of Authentic Leadership on Innovative Work Behavior: Psychological Capital as Mediator and Organizational Unfairness as Moderator in Pakistani Public Sector Organizations	International Journal of Management Research and Emerging Sciences, ISSN:2223- 5604, EISSN:2313- 7738	2024,14(3), 202-222		Y	3 rd	

1702.	Sonia Shafi, Mehreen Fatima, Muhammad Umar Khan*	Exploring Psychosocial Problems Faced by Pakistani Doctors Working in Government Hospitals	Contemporary Journal of Social Science Review Print ISSN: 3006- 1458 Online ISSN: 3006- 1466	2024, Vol. 2 No. 04, 1764-1774		Y	*Corr espon ding	
1703.	Hina Imran, Ariba Sarver, Muhammad Umar Khan, Sanober Khanum	Exploring Superstitious Beliefs Among Educated Urban Population	Academy of Education and Social Sciences Review ISSN (e): 2789-6781 ISSN (p) 2790-8348	2024, Vol. 4 No. 1 (February, 2024), 127- 136	N/A	Y	3 rd	
1704.	Mubeen Fatima Smotra, Abdullah Bin Masood, Muhammad Umar Khan*	Exploring the Experiences of Contract Cheating and use of Chat GPT by Students as Encountered by University Teachers	Social Sciences Spectrum ISSN Online: 3006- 0427 ISSN Print: 3006- 0419	2024, Volume 03, Issue 04, 318-336	N/A	Y	*Corr espon ding	
1705.	Dr. Sameena Iqbal1 , Dr. Asma Riaz Hamdani2 , Dr. Samia Mazhar3 , Asima Munawar4 , Maria Tanvir5 , Sarah Fatima	Exploring The Role Of Parental Expectations And Pressures On Students' Academic PerformanceAnd Mental Health	Migration Letters ISSN: 1741-8984 (Print) ISSN: 1741- 8992 (Online)	Volume: 21, No: S9 (2024), pp. 1232-1242 2024		X cetagor y Sr#107 23 In HJRS List	2 nd autho r	

	Dogar6 , Dr. Amna Hassan					2023-24		
1706.	Dr. Sameena Iqbal1 , Dr. Asma Riaz Hamdani2 , Dr. Samia Mazhar3 , Asima Munawar4 , Maria Tanvir5 , Sarah Fatima Dogar6 , Dr. Amna Hassan	Exploring The Role Of Parental Expectations And Pressures On Students' Academic Performance And Mental Health	Migration Letters ISSN: 1741-8984 (Print) ISSN: 1741-8992 (Online)	Volume: 21, No: S9 (2024), pp. 1232-1242 2024		X cetagor y Sr#107 23 In HJRS List 2023- 24	2 nd autho r	
1707.	Javaid, Z.K., Khursheed, L., Youns, K., Mahmood, K., & Ali, A.L.	How Sleep Quality Impact Mental Well-being of Young Adults: A Qualitative Study.	Harf-O-Sukhan	, 8(2), 936-950. 2024	Nil	Y	Corre spond ing	
1708.	1Zubash Aslam and 2Dr. Shazia Habib, 3 Aneela Nazir	Impact of Depression and Religious Coping on Epileptic Patients' Quality of Life.	Annals of Human and Social Sciences, P-ISSN: 2790-6795, O-ISSN:2790-6809	Oct-Dec 2024, Vol 5 Issue No (4) Pp 596-608		Y	2 nd	
1709.	Gull, M., Javaid, Z.K., Khan, K. &Chaudhry, H.A.	Improving healthcare for substance users: the moderating role of psychological flexibility on stigma, mental health, and quality of life	International Journal of Human Rights in Healthcare, ISSN:2056-4902, EISSN:2056-4910	2024, 17 (5), 662-677	1.4	X/ ESCI/ Scopus	Corre spond ing	
1710.	Javaid, Z. K., Khan, K., Kamran,	Influence of Mindfulness on	Environment and Social Psychology,	2024, 10(9), 2937		X/ Scopus	1 st	

	M., & Aslam, S.	Environmental Satisfaction among Young Adults: Mediating Role of Environmental Identity	ISSN:2424-7979, EISSN:2424-8975					
1711.	Munir, M., Javaid, Z. K., Mahmood, K., Fareed, M., & Mubeen, A.	Mediating Role of Quality of Life between Perceived Stress and Sleep Quality among Patients with Rheumatoid Arthritis.	Journal of Health and Rehabilitation Research,	4(2), 1570–1575. 2024	Nil	Y	3 rd (Mandatory)	
1712.	Dr.AsmaRiazHamdani1* Dr.Rabia Khawar2 Ghazala Fazaldad3 Asma Majeed4 Dr.Amna Hassan5 Asima Munawa	Patterns of Emotional Behavioral Issues in Different Types of Congenital Heart Disease among Children and Adolescents	Kurdish Studies ISSN: 2051-4883 (Print) ISSN 2051-4891 (Online)	2024 Volume: 12, No: 4, pp. 1201-1205		W As per Sn#21 168 HJRS List of 2023- 24	1 st author	
1713.	Ali, A. L., Javaid, Z. K., Mahmood, K.*, & Batool, A.	Perceived Parenting Styles in Relation with Coping Strategies among the Children of Single Parents in Pakistan	Journal of Health and Rehabilitation Research	4(1), 1773–1781 2024	Nil	Y	Corresponding	
1714.	1. Mehar-un-Nisa 2. Rabia Maryam	Personality Traits, Risk-	Migration Letters	2024 Volume: 21, No: S7 (2024), pp. 399-412		X	3 rd	

	3.Abida Kareem 4. Imran Khan	Taking Behaviors And Self- Regulation In Young Adults	1741-8984 (Print) ISSN: 1741-8992 (Online)					
1715.	Kareem, A., Anwar, M. S., Maryam, R., Talib, M. A., Ali, A., Riaz, M. N., ... & Battoo, N.	Psychological Distress, Social Support, And Quality Of Life In Infertile Women Of Pakistan	Kurdish Studies. 2051-4883(print) 2051-4891 (online)	2024, 12, No: 1, pp. 4998-5003		W	7 th	
1716.	1.. Abida Kareem 2. Samra Anwar 3. Rabia Maryam 4. AnsaTalib 5. Abid Ali 6. Muhammad Naveed Riaz 7. Abida Ajid 8. HiraAish 9. NailaBatool	PSYCHOLOGIC AL DISTRESS, SOCIAL SUPPORT, AND QUALITY OF LIFE IN INFERTILE WOMEN OF PAKISTAN	Kurdish Studies ISSN: 2051-4883 (Print) ISSN 2051- 4891 (Online)	February 2024 Volume: 12, No: 1, pp. 4998-5003		W	1 st and Corre spond ing autho r	
1717.	Summaiya Nawaz 1 , Asma Riaz 2 , Fozia Akram	Psychological Hardiness, Grit and Psychological Wellbeing among Women from Waziristan Pursuing Higher Education	Pakistan Journal of Humanities and Social Sciences 2663-9211 2663-922X	Volume 12, Number 04, 2024, Pages 3120- 3130 2024		Y categor y As per nationa l recogn ized journal of 2024- 25	2 nd and corres pondi ng author	
1718.	1. Abida Kareem 2. Rabia Khawar 3. Rabia Maryam	Psychometric Evaluation of Dsm-5 Cross–	Kurdish Studies ISSN: 2051-4883 (Print) ISSN 2051-	Volume: 12, No:2, pp. 6552-6562		W	1 st and Corre	

	4. AnsaTalib 5 Muhammad Naveed Riaz	Cutting Symptoms	4891 (Online)				spond ing autho r S	
1719.	HaseebShaukat, Dr. Arooj Zahra Rizvi, Dr. Hira Jahangir, Fozia Akram, Dr. AafiaRasool, SajiaJabeen, FarhatNaz, Noor Waseem	Religiosity, Nationalism and Social Responsibility Among University Students	Remittances Review	2024	x	Volum e: 9, No: 1,	(1476 - 1502)	
1720.	Mehwish Munir1, Shazia Habib2* , SaimaSaeed3 , Minahil Athar4 , Mohsin Raza Shaokat5	Role of Relationship Attachment in Smartphone Addiction and Marital Conflict among Couples	Migration Letters, ISSN: 1741-8984 (Print) ISSN: 1741- 8992 (Online)	2024, Volume No: 21, Issue No: S9 (2024), pp. 1569-1577		X	2 nd , Corre spond ing	
1721.	Rizvi, A., Khan, I., &Nadeem, A.	Smartphone Addiction as Predictor of Sleep Quality and Happiness among Undergraduate Students.	Annals of Human and Social Sciences, (ISSN: 2790-6809)	(2024), 5(3), 741-749.	Nil	Y	3 rd	
1722.	Hina1 , Dr. Saima Saeed2 ,Dr. Shazia Habib3 , Sana Batool4 , Mohsin Raza Shaokat5	Socio-Cognitive Predictors of QoL Among Female Adolescent Religious School Students	Migration Letters ISSN: 1741-8984 (Print) ISSN: 1741- 8992 (Online)	2024, Volume No: 21, Issue No: S7 (2024),		X	3rd	

				pp. 1220-1230				
1723.	Amna, Nimra, Mahmood, K. & Javaid, Z.K.	The Mediating Role of Social Interaction Between Parenting Style and Academic Achievement Among University Students.	Journal of Policy Research.	10 (3), 326–336. 2024	Nil	Y	3 rd	
1724.	Jabeen, R., Mehmood, S., Ahmed, M., Ghani, T., Javaid, Z. K., & Popp, J.	The Role of Green HRM on Environmental Performance: Mediating Role of Green Ambidexterity and Green Behavior and Moderating Role of Responsible Leadership	Journal of Chinese Human Resources Management, ISSN:2040-8005, EISSN:2040-8013	2024, 15(2), 70-90	2.3	X/ESC I/Scopus	5th	
1725.	Khawar, R.*, Dogar, I.A., Shakil,M., Hussain, S., Butt,A., Amin,R., Ahmad,H.S., Akram,B., Sheraz,A., Ahmad, H., &Aslam, M.	Translation and Validation of Family Stigma Stress Scale (FSSS) Among Caregivers of Patients With Mental Illness in Pakistan	<i>Mental Illnes.</i> Online ISSN:2036- 7465 Print ISSN:2036- 7457	2024, 1-11	9.0	X	1 st and Corre spond ing	
1726.	Fozia Akram,	Translation,	Journal of Asian	2024	y	Vol.	pp(58	

	Kashf Qureshi, MahamImtiaz&Ma riumIdress	Adaptation and Validation of Relational Betrayal Trauma Scale in English	Development Studies,			13, Issue 4	5 to 594)	
1727.	¹ Zubash Aslam and ² Dr. Shazia Habib	Urdu Translation and Cross- Language Validation of Attentional Control Scale for Children	Pakistan Social Sciences Review, P-ISSN 2664-0422 O-ISSN 2664-0430	Jul-Sep 2024, Vol. 8, Issue No. 3 Pp 246-257		Y	2 nd , Corre spond ing	
1728.	Sabiqa Ajmair, Saima Saeed, Amir Shahzad, Shazia Habib	Work-Family Conflicts and Mental Health: Mediating Role of Self-Report Life Satisfaction Among Legal Profession	Pakistan Journal of Law, Analysis and Wisdom	Aug 2024 Volume No. 3, Issue No. 8, e-ISSN: 2959-0825, p-ISSN: 2959-0817		Y	4 th	
1729.	Dr Ghulam Ahmad	Biography in Modern Arabic Literature"Al- Ayyam" (The Days) by Dr. Taha Hussein	Kurdish Studies ISSN: 2051-4883 (Print) ISSN 2051- 4891 (Online	February2024Volume: 12, No: 2, pp 6925- 6929)		W	1 st ,	
1730.	Dr Ghulam Ahmad	The Study of Equivalence at Word Level in English Translation of Qaseeda al- Burda: A Bakerian	Kurdish Studies 503ISSN: 2051-4883 (Print) ISSN 2051- 4891 (Online	May2024 Volume: 12, No: 4, pp497-)		W	1 st	

		Perspective						
1731.	Dr Ghulam Ahmad	Provoking Emotional And Spiritual Resonance Through Similes: A Critical Analysis Of Al-Busiri's Ode Of The Mantle	Kurdish Studies ISSN: 2051-4883 (Print) ISSN 2051-4891 (Online)	April,2024Volume: 12, No: 4, pp. 1488-1496		W	1 st	
1732.	Dr Ghulam Ahmad	حب الوطن عند غازي القصيبي وأمد إسلام أمد	Al-Lauh Vol. 3 No. 1 (2024): Al-Lauh	2024-06-30 ISSN:(P)2618-088X.(E)2618-0898		Y	2 nd	
1733.	Dr Ghulam Ahmad	إسهامات الدكتور إبراهيم محمد إبراهيم في تطور الأدب العربي والأردني: دراسة حياته وأعماله	alqamarjournalVol. 7 No.2	2024 (April-June 2024)		Y	2 nd	
1734.	1.Muhammad shoaib 2.Dr Iftikhar Ahmad Khan	القضايا اللغوية والبلاغية في حاشية عبد الحكيم السيالكوتي على تفسير البيضاوي	Al-Lauh,	2024, Vol 03, Issue 01, Pg.79-89		Y	2 nd ,	
1735.	1.Muhammad Ismail 2.Dr Iftikhar Ahmad Khan	عدول الكلام عن مقتضى الظاهر في رياض الصالحين	INKISHAF,	2024, vol 04, Issue 02, pg. 49-71		Y	2 nd ,	
1736.	1.Iftikhar Ul Hassan 2.Dr Iftikhar Ahmad Khan	أبنية الأفعال و دلالاتها في المستدرک علي الصحیحین	Al-Lauh,	2024, Vol 03, Issue 01, Pg.35-47		Y	2 nd ,	
1737.	FarwahBatoool RohailRahat Muhammad Ali	Artistic Review of Human Skills as an Expression of Performing Arts in Traditional and	International Journal of Human and Society (IJHS) P-ISSN: 2710-4966 E-	Vol. 4. No. 01 (Jan-Mar) 2024 Page 391-400		Y		

		Modern Circus	ISSN: 2710-4958					
1738.	Muhammad Ali FarwahBatoool RohailRa hat	Sapphire stories: the symbol of	Journal of Humanities, Social and Management Sciences (JHSMS)	Vol. 5, No. 1 Islamic architecture of Pakistan (January-June), 2024, pp. 122-134 eISSN: 2788-4791 (online)		Y	1 st	
1739.	Farwah Batoool Rohail Rahat Muhammad Ali	Artistic Review of Human Skills as an Expression of Performing Arts in Traditional and Modern Circus	International Journal of Human and Society (IJHS) P-ISSN: 2710-4966 E-ISSN: 2710- 4958	Vol. 4. No. 01 (Jan-Mar) 2024 Page 391-400		Y		
1740.	Dr. Wardah Naeem Bukhari, Dr. Muhammad Asghar, Mirza Mohsin Latif, Baneen Nazir	Intrinsic and Extrinsic Analysis of Abid Husain Qureshi's Art	Al-Qantara	2024, 10 (3), 268-275		W		
1741.	Dr. Wardah Naeem Bukhari, Dr. Muhammad Asghar, Dr. Syed Farjood Ailya Rizvi, Dr.	The Art of Pattoli: Design and Aesthetics of Jewelry Form Multan	Migration Letters, ISSN: 1741-8984	2024, 10 (3), 268-275		X		

	Munazza, Sadia Noreen							
1742.	Dr. Syed Farjood Ailya Rizvi, Dr. Muhammad Asghar, Dr. Wardah Naeem Bukhari	The Evolution of Visual Communication Design: The Role of the Colonial Printing Press in Lahore	Migration Letters, ISSN: 1741-8992 (Online)	2024, 21 (S14), 558-567		X		
1743.	MussaratHussain, Jawad Tariq, Tauqeer Ahmed, LakAsmaSeemi, MalikMudasar Ali Nadeem &AamirSohail	Integrative model of spirituality, social support, and altruism in carers resilience management: an empirical study of elderly cancer patients' carers in Pakistan	Journal of Religion, Spirituality & Aging Print ISSN: 1552-8030 Electronic ISSN 1552-8049	2024 Vol. & Issue. Latest	1.1	W	5 th	
1744.	Mudasar Ali Nadeem, Taoqeer Nawaz &Sohail Ashraf	Socio-Economic Catalysts and Trafficking Trends: Mapping Drug Addiction in Pakistan	Contemporary Issues in Social Sciences and Management Practices(CISSMP) ISSN: 2959-1023	2024 Volume 3, Issue 1, Pages14-26	1	Y	1 st Corres pondi ng	
1745.	Mudasar Ali Nadeem, KiranIkram, MussaratHussain and Tauqeer Ahmed Lak	Forced Displacement, Socio-Economic Impacts and Misplaced Identity of Villagers: A	Journal of Asian Development Studies ISSN: P ISSN: 2788-452X	2024, Vol. 13, Issue 4 Pages 259-267	1	Y	1 st Corres pondi ng	

		Qualitative Exploration of Three Villages in Lahore	E-ISSN-2304-375X					
1746.	Maria Tanvir, Aqsa Batool, Dr. Mudasar Ali Nadeem, Dr. KiranIkram, Asad Ali &Raheel Abbas	Examining the Moderating Effect of Personality Traits on Intellectual Humility and Religious Tolerance among University Teachers	Remittances Review ISSN: 2059-6588(Print) ISSN 2059-6596(Online)	2024 Volume: 9, No: 1, pp.1143-1169	2.6	x	3 rd	
1747.	Taoqeer Nawaz, Mudasar Ali Nadeem&Ifra Hassan	EMPOWERING PAKISTAN'S TRANSGENDER COMMUNITY: THE ROLE OF POLITICS AND COMMUNITY SUPPORT	Journal of Social Sciences Development ISSN (Print) 2959-4391 ISSN (Online) 2959-4405	2024, Volume 03, Issue 03, Pages. 205-216	1	Y	2 nd	
1748.	Maryam Sabir, ShabbirHussain&Mudasar Ali Nadeem	In-Household and Work place Working Experiences of Housemaids under Patriarchal Framework in Suburban Areas of Lahore	Journal of Asian Development Studies ISSN: 2304-375X	2024, Vol. 13, Issue 4 Pages 911-919	1	Y	3 rd Corresponding	
1749.	Ali Fazal Abbas, Dr. Khalid Hussain, Dr. Saiqa	The Role of Ethical Climate on Workplace	Bulletin of Business and Economics	2024,13(1), 127-135	---	Y	2 nd	

	Sadiq, Dr. Yasir Tanveer	Deviance under Ethical Leadership						
1750.	Sania Sarwar, Khalid Hussain, Mian M. Niaz Shakir, Muhammad Adnan Ali	Impact of External Auditors' Ethical Behavior on Audit Quality: A Client Perspective	Journal of Accounting and Finance in Emerging Economies	2024, 10 (3), 401-413		Y	2 nd	
1751.	1Muhammad Adnan Afzal, 2Sadia Munir, 3Nasir Abbas, 4Muhammad Nadeem	Charting The Course of Investing Decisions Through Management Accounting Techniques, and Operations Quality in Manufacturing Landscape of Pakistan	International Journal of Business and Management Sciences E ISSN: 2708 – 4337 P ISSN: 2708 – 4329	Volume 05 (4), 2024, 46-64		Y	Corresponding	
1752.	Nasir Abbas1, Muhammad Ali Raza*2, Wajid Hussain3, Kazim Abbas4	Aristotle's Eudemonia and Its Impact On Human Wellbeing in Modern Psychology: A Critical Analysis	International Journal of Contemporary issues in Social Sciences, ISSN(P): 2959-3808I 2959-24	Volume 3 Issue 1, 2024, Page Number: 2307–2318.		Y	1 st	
1753.	Nasir Abbas (Author) Muhammad Sadiq Shahid (Author)	Mapping the Impact of Green Finance on Corporate Sustainability: A Bibliometric Analysis	Audit and Accounting Review (AAR), ISSN(P): 2790-8267 ISSN(E): 2790-8275	Volume 4 Issue 1, Spring 2024, Page Number: 101–130.		Y	1 st	

1754.	Muhammad Adnan Afzal; Sadiah Munir; Nasir Abbas; Adil Farooq	A Retrospective of Earnings Management: Bibliometric Analysis	Journal of Accounting and Finance in Emerging Economies ISSN: 2519-0318 & ISSN (E): 2518-8488	Volume 10: Issue 2 June 2024, 253-272.		Y	Corresponding	
1755.	ShahidMunir; SaiqaSadiq; Nasir Abbas; Farah Rasul	E-Governance Initiatives and Citizen Participation at Global Perspective: Systematic Literature Review	Sustainable Business and Society in Emerging Economies ISSN: 2708-2504 & ISSN (E): 2708-2172	Volume 6: Issue 3 September 2024, 317-336.		Y	Corresponding	
1756.	Tariq Hussain, ShahidMunir,Nasir Abbas	Rules, Routines, and Roadblocks: Street-Level Bureaucrats' Perspectives on Public Service Delivery Challenges	<i>Pakistan Journal of Social Sciences</i> ISSN (E) 2708-4175 ISSN (P) 2074-2061	Volume 44: Issue 4 December 2024 661-675		Y	Corresponding	
1757.	1. Gohar Mahmood, 2. RehanaKouser	Mapping the Evolution of Chief Sustainability Officer (CSO) and its Appointment	Sustainable Business and Society in Emerging Economies ISSN: 2708-2504 & ISSN (E): 2708-2172	2024, Volume 6, 1 March, 83-98	Nil	Y	1ST	

		Impact on Performance: A Bibliometric Analysis						
1758.	1. Gohar Mahmood, 2. Maria Shams Khakwani, 3. Anam Zafar, 4. Zahid Abbas	Impact of Digital Transformation and AI through Fostering Digital Leadership Excellence: A Focus on Sustainable Organizational Performance	Journal of Accounting and Finance in Emerging Economies ISSN: 2519-0318 & ISSN (E): 2518-8488	2024, Volume 10, 1, March, 33-48	Nil	Y	1ST	
1759.	1. Maria Shams Khakwani, 2. Anam Zafar, 3. Gohar Mahmood, 4. QaisarMaqbool Khan	Impact of Digital Transformation and Green Manufacturing Practices on Firm Performance with Mediating Role of Green Product Innovation: An Empirical Investigation with PLS-SEM Modeling	Sustainable Business and Societyin Emerging Economies ISSN:2519-089X (E):2519-0326	2024, Volume 6, 1 March, 83-98	NIL	Y	Corre spond ing	
1760.	1. Gohar Mahmood, 2. Maria Shams Khakwani, 3.Muhammad Abdul BasitMemon, 4. Fazeel Abdullah	Sustainable Entrepreneurship in the Digital Age: Navigating Green Technology, Corporate Social Responsibility, and Financial	Journal of Accounting and Finance in Emerging Economies ISSN: 2519-0318 & ISSN (E): 2518-8488	2024, Volume 10, 2 June, 139-154	NIL	Y	1ST	

		Sustainability						
1761.	1. RehanaKouser, 2. KhatibaAsmat Zahra, 3. Muhammad Abdul BasitMemon, 4. Gohar Mahmood	A Comprehensive Analysis of Role of Eco- Innovation in Linking Strategic Green Marketing and Service Innovation to Sustainable Products	Sustainable Business and Society in Emerging Economies ISSN:2708-2504& ISSN (E):2708-2172	2024, Volume 6, 2 June, 227-242	NIL	Y	Corre spond ing	
1762.	First &Corresponding Author:Mian Muhammad Niaz Shakir 2 nd Author:Muhammad Sohail 3 rd Author:Rizwan Mahfooz	The Impact of Software Development Practices, Process Efficiency, and End-User Communication on Software Quality	ContemporaryIssuesin SocialSciencesandMan agementPractices(CISS MP)	Volume 3, Issue 4, December2024, Pages 54-65 ISSN: 2959-1023	Nil	Y- Catego ry	First & Corres pondi ng Autho r	
1763.	First Author: Sania Sarwar 2 nd Author: Khalid Hussian Corresponding Author: Mian M. Niaz Shakir 4 th Author: Muhammad Adnan Ali	Impact of External Auditors' Ethical Behavior on Audit Quality: A Client Perspective	Journal of Accounting and Finance in Emerging Economies	Volume 10: Issue 3 September 2024 Page no. 401-414.	Nil	Y- Catego ry	Corres pondi ng Autho r	
1764.	Adil Riaz, Fouzia Hadi Ali	Responsible innovation and sustainable competitive advantage: is big	Business Process Management Journal 1463-7154	2024. Vol. 30 No. 4, pp. 1213-1235	4.50	W	1 st	

		data the missing link?						
1765.	Adil Riaz, Cepel, M., Ferraris, A., Ashfaq, K. and Rehman, S.U	Nexus among green intellectual capital, green information systems, green management initiatives and sustainable performance: a mediated-moderated perspective	Journal of Intellectual Capital 1469-1930	2024. Vol. 25 No. 2/3, pp. 297-327	6.20	W	1 st	
1766.	M Adil, Jahanzeb Sultan, ArslanNajeeb, Khalid Latif	Green Banking and the Financial Performance of the Banking Sector of Pakistan	<i>Journal of Excellence in Management Sciences</i> 2755-3787	2024, 3(2) 2024		Y	4	
1767.	Muhammad Yasir, Yasmeen Ansari, Khalid Latif, HaiderMaqsood, Adnan Habib, Jihoon Moon &Seungmin Rho	Machine learning–assisted efficient demand forecasting using endogenous and exogenous indicators for the textile industry	<i>International Journal of Logistics-Research and Applications</i> 1367-5567	27(12) 24	7.400	W	3	
1768.	VasiaMaqsood, Ghulam Mustafa, KhurramAshfaq	Corporate Social Responsibility and Market Value: Does Foreign Ownership Matter?	Global Management Science Review 2708-2474	2024, vol. IX, No. II, 90-98		Y	3 rd	

1769.	KhurramAshfaq, Shafique Ur Rehman, Nhat Tan Nguyen, AdilRiaz	The effect of IFRS 8 on segments disclosure practices in South East Asia	Journal of Financial Reporting and Accounting& 1985-2517	2024, vol. 22, No.3, pp 583-607	3.30	X categor y	1 st and corres pondi ng autho r	
1770.	Bilal HaiderSubhani,UmarFarooq, KhurramAshfaq, Mosab I. Tabash	How country governance situation affect firm financing arrang ements: empirical evidence from selected Asian economies	Society and Business Review 1746-5680	2024, Vol. 19 No. 2 pp. 230-248	3.20	X categor y	3 rd	
1771.	Muhammad Mubeen, Hafiz Muhammad Arslan, KhurramAshfaq, AsadNisar, Hafiz Azeem, AdilRiaz	Bridging the Sustainability Gap: Unraveling the Interplay of Sustainability Disclosure and Cost of Debt	Pakistan Journal of Commerce and Social Sciences	2024, Vol. 18(1), 181-225		X categor y	3 rd	
1772.	Khurram Ashfaq1, Muhammad Naeem Anjum2 & Muhammad Raza Zafar3	THE EFFECT OF CSR ON EARNINGS MANAGEMENT : MODERATING ROLE OF BOARD DIVERSITY IN PAKISTANI LISTED FIRMS	Journal of social research development, 2788- 8320	2024, vol. 5, No. 1, pp. 48-62		Y categor y	1 st and corres pondi ng autho r	
1773.	Ali Murtaza Dr.RabiaSarfraz	Anti Hero Character in Bagh	Tahqeeqat eISSN:2791-0342	Vol:3 Issue:3 Oct-dec2024		Y	Corres pondi ng	

			pISSN:2791-0334	38-45				
1774.	Maryam Akram Dr.RabiaSarfraz	The presentation of civilization and culture in Ashfaq Ahmed’s fiction	Tahqeeq o Tajzia pISSN:3005-3765 eISSN:3005-3757	Vol:2 Issue:4 Oct-Dec2024 70-80		Y	2nd	
1775.	Ali Murtaza Dr.RabiaSarfraz	The role of Anti Hero in “KhudakiBasti”	Julil pIssn:3005-9771 eISSN:3005-978X	Vol:3 No:2 2024 13-21		Y	Corre spond ing	
1776.	Aqsa Shafique Dr.RabiaSarfraz	Women in Sufism from the perspective of Annemarie SChimel	Zauq e Tahqeeq ISSN PRINT:2789- 8776 ISSN ONLINE:2789-8784	Vol:6 Issue:4 Oct-Dec2024 59-67		Y	Corre spond ing autho r	
1777.	Dr.RabiaSarfraz Dr.Rukhsananbib Dr.Fatima Jalal	Qualities of a Good Researche	Research 2639-5274, 2096- 5168	Vol:9 No:3 2024 84-88		W	Ist	
1778.	Dr.RabiaSarfraz Maryam Akram Dr.Riaz Ahmad	Urdu Literature and Movement in a New Perspective	AnalesCervantinos ISSN:0569-9878 1988-8325	Vol:16 No:1 2024 106-110		W	Ist	
1779.	Ali Murtaza Dr.RabiaSarfraz	The Role of Anti Hero in AisiBulandiAisiP asti	Zauq e Tahqeeq ISSN:2789-8776 ISSN ONLINE:2789-8784	July to September2024 Vol:6 Issue:3269-275		Y	Corre spond ing	
1780.	SuhailAkram Dr.RabiaSarfraz	KhatirGhaznavi and Muhammad Ansarullah’s	Jahan e Tahqeeq 2709-7625 2709-7617	2024 Vol:07 No:03		Y	2 nd	

		Theories regarding the origin of Urdu		150-158				
1781.	Dr.Abdul Aziz Malik Dr.RabiaSarfraz	Analysis of Novel Jangle Mai Mangle	Arbor https://arborjournal.com/index.php/files/article/view/101	2024 Vol:11 No:1 ISSN:0210-1963, 1988-303X 215-236		Y	2 nd	
1782.	SuhailAkram Dr.RabiaSarfraz	Urdu Linguistics. Beginning,Evolution and Tradition	Harf o Sukhan 2709-4030 2709-4022	2024 Vol:8 No:3 239-247		Y	2 nd	
1783.	Dr.RabiaSarfraz Dr.TayyabaNighat	Peace And Justice in Urdu and Punjabi Poetry	Research 2639-5274, 2096-5168	2024 Vol:9 Issue:3: 89-94		W	1 st	
1784.	Dr.RabiaSarfraz Dr.RukhsanaBibi	Importance of tradition in Urdu Literature	Arbor ISSN:0210-1963, 1988-303X	2024 Vol:11 No:3 28-32		W	1 st	
1785.	Dr.AbdulAziz Malik Dr.RabiaSarfraz	Overview of the Critical concept of Aristotle (Reference to Urdu and Punjabi)	Research 2639-5274, 2096-5168	2024 Vol:9 No:2 312-322		W	2 nd	
1786.	M.Akram Dr.RubinaYasmeen Dr.RabiaSarfraz	IntizarHussain k novel Basti m mustamiltalmeeh atkatajziatimutali a	Jahan e Tahqeeq 2709-7625 ISSN Online:2709-7625 ISSN Print:2709-7617	2024 Vol:7 No:3 76-87		Y	3 rd	

1787.	Dr.Fozia Kamran Joyia Dr.RabiaSarfraz	Reflection of Lucknow culture and society in short stories of NayarMasood	Migration letter 1741-8992 1741-8984	2024 Vol:21 No:S10 1016-1022		X	3 rd	
1788.	Ch.Faisal Dr.RabiaSarfraz	Western Eco Criticism Terms	TehqeeqiJareeda 2521-8204	2024 Vol.8 Issue:1 39-60		Y	2 nd	
1789.	RabiaMushtaq Dr.RabiaSarfraz	Khadija Mastoor k Afsano m sinfiimtiaz	Tahqeed eISSN:2789 pISSN:2789-4169	2024 Vol:5 No:1 158-168		Y	2 nd	
1790.	Dr.Shahida Dr.Rubina Dr.RabiaSarfraz	Iqbal's concept of love of God	Arbor 0210-1963, 1988-303X	2024 Vol:11 No:3 60-68		W	3 rd	
1791.	Dr.RabiaSarfraz Dr.Rubina Dr.ShahidaRasool	Punjabi culture in AkhtarSherani's Urdu Poetry	Arbor 0210-1963, 1988-303X	2024 Vol:11 No:3 52-59		W	1 st	
1792.	Dr.Riaz Ahmad Dr.RabiaSarfraz	Ahmad Bashir ki Urdu Mazmoonigari	Noor e Tahqeeq 2521-0157 144-159	2024 Vol:8 No:2		Y	2 nd	
1793.	Dr. Abdulziz Dr.Sumaira Dr.RabiaSarfraz	SidharthInsaniatk aistara	Imtezaaj pISSN2518-9719 Eissn25189768X	Vol.21 Issue.21 June 2024 70-79		Y	3 rd	
1794.	RimshaKanwal	LakhnaviTehzeeb	Harf o Sukhan	Vol.8		Y	3 rd	

	Dr.Abdulaziz Dr.RabiaSarfraz	k numainda Novel	2709-4030	No.2 2024 303-308				
1795.	RabiaMushtaq Dr.RabiaSarfraz	SinfiImtiazTamhe ed o Mabahis	Harf o Sukhan 2709-4030	Vol.8 No.1 2024 325-332		Y	2 nd	
1796.	Ch.Faisal Dr.RabiaSarfraz	MaholiatiTanqee dkataaruf	Harf o Sukhan 2709-4030 309-313	Vol.8 No.1 2024		Y	2 nd	
1797.	UreebaShafique SheebaZulfiqar Dr.RabiaSarfraz	Tanisiat	Harf o Sukhan 2709-4030	Vol.8 No.2 2024 232-236		Y	3 rd	
1798.	Maryam Anwar ShahidaAslam Dr.RabiaSarfraz	NaiTanqeedaikm utalia	Harf o Sukhan 2709-4030	Vol.8 No.2 2024 99-103		Y	3 rd	
1799.	AsmatUllah FarihaTabassum Dr.RabiaSarfraz	Existentialism	Jahan e Tahqeeq 2709-7625	Vol.7 No.2 2024 86-89		Y	3 rd	
1800.	M.Abdullah Quratulain Dr.RabiaSarfraz	Sakhtiat o Pas e SakhtiatNazriatim abahis	Guman 2709-4162	Vol.7 No.2 2024 81-87		Y	3 rd	
1801.	M.ShehzadAnjum HamzaMahboob Dr.RabiaSarfraz	Bainulmatuniat	Guman 2709-4162	Vol.7 No.2 2024 165-168		Y	3 rd	

1802.	Maryam Akram Dr.RabiaSarfraz	IntzarHussain k afsano m Asrisanihatketas weerkashi	Tasdeeq eISSN2707-6229 pISSN2707-6210	2024 Vol:6 No:2 41-53		Y	2nd	
1803.	Muhammad Tahir	The Artistic and Prosodic Aspects of NaatiaDiwanSayy idna Muhammad	Tahqeeq-o-Tajzia 3005-3765	2024 Vol: 2, Issue 4, P 49-57		Y	2nd	
1804.	Muhammad Saleem Abbas	Historical Consciousness in Ahmad NadeemQasmi's Sketches	Tahqeeqat 2791-0342	2024 Vol: 3, No 2 P9-16		Y	2 nd	
1805.	SumariaNazeer Dr. SaeedAhmad	THE POETIC REFERENCES TO HENNA IN CLASSICAL URDU GHAZALS	Harf o sukhan 2709-4030			Y	2 nd	
1806.	SheherBano Dr. Saeed Ahmad	Elements of Obsession in Mir's Poetry	Noor I tahqeeq 2521-0157	2024 Vol:8 Issue:2		Y	2nd	
1807.	1. .Dr.SaimaIqbal 2. Dr.ParveenKallu 3.Aysha Majeed	”مکالمات“، خرمسپیل ایک تجزیاتی مطالعہ	ماخذ ISSN P-2709-9636 ISSN O 2709-9644	((۳۴۱ تا ۳۶۵ جلد ۴، شماره ۱،		y	2 nd Autho r	
1808.	1.Dr.Parveen Kallu 2.Dr.Saima Iqbal 3.Aysha Majeed	سوانح نگاری کا فن اور خرم سپیل	جہان تحقیق on:2709-7625 p.2709-7615	(۳۰۱ تا ۲۸۹ ، جلد ۷، شماره ۱		y	1st Autho r	
1809.	1. Dr.ParveenKallu 2.Aysha Majeed 3.Noreen Arif	انور مسعود کی مزاحیہ شاعری میں بین اللسانی تجربات،	تحقید eissn2789-6331 pissn:2789-4169	(ص ۸۸ تا ۹۹ ، جلد ۵، شماره ۱		y	1st Autho r	

1810.	1.Dr.ParveenKallu 2.Iqra Shehzadi 3.Noreen Arif	مزاحیہ شاعری میں بین اللسانی تجربات (سید ضمیر جعفری اور دلاور فگار کے خصوصی حوالے سے)	تصدیق eISSN:2707-6229 pISSN:2707-6210	، جلد 6، شماره 1 ۹۷ تا ۱۱۵		y	1st Author	
1811.	1.Dr.ParveenKallu 2.Arbab Khan 3.Dr.Muhammad Rehman	زابدہ حنا کے افسانوں میں بین الاقوامی سیاسی موضوعات اور عصری شعور	حرف و سخن ،eISSN::2709-4030 pISSN:2709-4022	جلد ۸، شماره ۱، ۳۶۰ تا ۳۶۸		y	1st Author	
1812.	1.Sajjid Nadeem 2. Dr.ParveenKallu	رشید امجد کے افسانوں میں ’فرد کی شناخت‘ تحقیقی و تنقیدی جائزہ،	حرف و سخن eISSN::2709-4030 pISSN:2709-4022	(۲۹۰ تا ۹25 جلد ۸، شماره ۱		y	2nd	
1813.	Dr.NaziaSahar 2. Dr.ParveenKallu 3.Dr.Mamuna Subhani	پروین شاکر کی غزل کا علامتی مطالعہ	، حرف و سخن eISSN::2709-4030 pISSN:2709-4022	(۵۳ تا ۶۴ جلد ۸، شماره ۲،		y	2nd	
1814.	1. Dr.ParveenKallu 2.Muzhar Abbas 3.Muhammad Umar	حجاب امتیاز علی کے ناولوں کے کردار : ایک نفسیاتی مطالعہ	ماخذ ISSN P-2709-9636 ISSN O 2709-9644	(۲۶ تا ۴۶ ، جلد۵، شماره۳،		y	1st Author	
1815.	1. Dr.ParveenKallu Dr.NaziaSahar 3.Dr.Muhammad Rehman	واجدہ تبسم کے ناولوں اور ناولٹوں کا اجمالی جائزہ	ماخذ ISSN P-2709-9636 ISSN O 2709-9644	۱۶۳ تا ۱۸۳ جلد۵، شماره۲،		y	1st Author	
1816.	1.Dr.ParveenKallu 2.Atta urReham 3.Javeez Khan	نیلو فر اقبال کے افسانوی مجموعے ’-’سیاہ سونا‘ کا مطالعہ	ماخذ ISSN P-2709-9636 ISSN O 2709-9644	۱۷۷ تا ۱۳۶ ، جلد۵، شماره۲،		y	1st Author	
1817.	1. Dr.ParveenKallu 2.Arbab Khan 3.Javeez Khan	اسد محمد خان کے نمائندہ افسانوں کا تجزیاتی مطالعہ	ماخذ ISSN P-2709-9636 ISSN O 2709-9644	۶۶۳ تا ۳۸۶ (، جلد۵، شماره۱		y	1st Author	
1818.	1.Dr. WajeehaShaheen 2. Dr.ParveenKallu 3.Dr.Nazia Sahar	جدید اردو غزل کے نمائند شعرا کے ہاں فلسفیانہ عناصر : ایک مطالعہ	جہاں تحقیق on:2709-7625 p.2709-7615	۴۶ تا ۵۹ جلد ۷، شماره ۲		y	2nd	
1819.	1.Imram Haider 2.Dr.ParveenKallu 3. Muhammad Umar	ناصر کاظمی کی شاعری کا فنی تجزیہ	جہاں تحقیق on:2709-7625 p.2709-7617	(۱ تا ۲۴) ، جلد ۷، شماره ۳		y	2nd	
1820.	1.Imram Haider 2.Dr.ParveenKallu	اردو غزل کی حیاتِ نو: ناصر کاظمی،	حرف و سخن eISSN::2709-4030	۴۲ تا ۵۴ جلد ۸، شماره ۳		y	2nd	

	3. Muhammad Umar		pISSN:2709-4022					
1821.	1. Dr.ParveenKallu 2.Farkhanda 3.Dr.Nazia Sahar	غلام عباس کے افسانوں میں سماجی شعور کے مختلف مظاہر	eISSN::2709-4030 pISSN:2709-4022	(۱۲۹ تا ۱۴۳) جلد ۸، شماره ۲		y	1st Autho r	
1822.	1. Dr.SaimaIqbal 2.Dr.Parveen Akhtar 3.Muhammmad Saad	غلام حسین ساجد کے کلام میں کردار نگاری	ارمغان Pissn:2707-6288 eISSN:2788-8255	(۱۲۹ تا ۱۴۲) جلد ۵		y	2nd	
1823.	1.Dr.Parveen Kallu 2.Dr. SaimaIqbal 3.Zonera Batool 4.Shumaila Mushtaq Ahmad 5.Iqra Shehzadi 6.Muhammad Shahbaz Ahmed	Nostalgia in QuratulAinHaider 'sNovel"MereBhi SanamKhanay"	remittances Review pISSN:2059-6588 eISSN:2059-6596	:Volume:9,No:2.4802-4811		X	1st Autho r	
1824.	Dr. NusratJabeen 2.dr. ShaziaIrum 3.Dr. ParveenKallu	Cultural Study of Waheed Ahmad 's Novel" Zeno"	remittances Review pISSN:2059-6588 eISSN:2059-6596	Volume:9,No:s 3 .87-94,		X	3rd	
1825.	1.Mohsin Islam 2.Dr. ParveenAkhtarKallu 3.Prof.Dr.M. JavedPitafi	حسن عباسی کی حمدیہ شاعری کے مجموعہ ”صاحب“ کا تجزیاتی مطالعہ	تحقیقات eISSN:2791-0342 pISSN:2791-0334	v.3 n.3 136-145		y	2nd	
1826.	1.Dr. ParveenAkhtarKallu 2.Muzhar Iqbal 3.Muhammad Umar	راکھ اور ”نادار لوگ “ کے کرداروں کا تقابلی جائزہ	المہدی ریسرچ eISSN:2789-4150 pISSN2789-4142	(۸۸ تا ۹۶) جلد ۵، شماره ۵		y	1st Autho r	
1827.	Syed Azwar Abbas SyedaHumeraAbid Dr. ParveenKallu	Two Names of Transcendentalism and Modernity in Urdu Short Story: Ahmed Hamish and Anwar Qamar	شناخت eISSN:2709-7641 pISSN:2709-7633	جلد 3 نمبر 4 81-69		y	3rd	

1828.	1.Dr.Nusrat Jabeen 2.Dr.Parveen Kallu Dr.Mutahir Shah Dr.SaminaShamshad Dr.MuhammadRahman Dr.Subhanullah	A Critical Review of Khalid Javed's Short Stories	OEconomia ISSN:2269-8450, 2113-5207	v.7 n.1 33-43		W	2nd	
1829.	1.Dr.Wajeeha Shaheen 2.Dr.Ansar Abbas, 3.Qamar Abbas Alvi4.Dr.Parveen Kallu , 5.Dr.Mutahir Shah, 6.Dr.Muhammad Rahman, 7.Dr.Quaid Ali, 8.Syed Azwar Abbas	Review of RaziaFaseeh Ahmed's Novel "Sadiyon Ki Zanjeer" in the Context of East Pakistan	remittances Review pISSN:2059-6588 eISSN:2059-6596	v.9 n.2 1175. 1201		x	4th	
1830.	1.Dr.Parveen Kallu 2.Dr.Saima Iqbal 3.Sajjid Raza Khan	پاکستانی اردو نعت گوئی میں تذکرہ حسنین شریفین	تحقیقی جریدہ pISSN:2521-8204 eISSN:2616-9681	Vol.8 Issue.1 61-81		Y	1st Author	
1831.	1.Dr.Parveen Kallu 2.Dr.Saima Iqbal 3.Zanib Iqbal	بانو قدسیہ کے ناولٹ موم کی گلیاں ایک مطالعہ	نور تحقیق piSSN:2519-6618 eISSN:2521-0157	v.8 n.3 14-28		y	1st Author	
1832.	Dr. Abdul Aziz Malik Dr. Sumaira Akbar Dr. RabiaSarfraz	<i>Sidharth: Metaphor of Humanity</i>	Imtezaaj 2517-9719	2024 Vol 21, P 70-81		Y	2 nd	
1833.	Dr. Sumaira Akbar	<i>Women Rulers of the Indian Sub-continent</i>	<i>Majallah -e-Tahqeeq</i> 2789-5874			Y	1 st	
1834.	Dr. Tanveer Islam	<i>Impact of</i>	Harf-o-Sukhan			Y	Corre	

	Dr. Abdul Aziz Malik Dr. SumairaAKbar	<i>Hallucinatory Realism on Urdu Literature</i>	2709-4030				spond ance	
1835.	Muhammad Hafeez Dr. Abdul Aziz Malik Dr. SumairaAKbar	<i>HAIDER BUKHSH HAIDRI'S SPECTRUM OF POETRY</i>	Harf-o-Sukhan 2709-4030			Y	3 rd	
1836.	Dr. Abdul Aziz Malik Dr. Sumaira Akbar Muhammad Hafeez	<i>Trend Of Anti - imperialism in Urdu Short stories: An Analysis</i>	Jahan-i-tahqeeq 2709-7625			Y	2 nd	
1837.	Dr. SumairaAKbar Muhammad Hafeez Dr. Abdul Aziz Malik	<i>FEMINIST STUDY OF JAMEELA HASHMI'S NOVEL "TALASH - I - BAHARAN"</i>	Jahan-i-tahqeeq 2709-7625			Y	1 st	
1838.	ZahidHussain Dr. Sumaira Akbar	<i>A Comparative Study of Neo-Marxism and Contemporary Critical Trends</i>	Gohar-i-Tahqeeq 2957-9155			Y	2 nd	
1839.	Dr. Sumaira Akbar Dr. Abdul Malik	<i>A ThematicStudy of Punjabi Novel "Wabataywaseeb" by Nain Sukh</i>	JALT 2709-8273			Y	1 st	
1840.	SaifUllah Dr. Sumaira Akbar	<i>Intellectual similarities between AllamaIqbal and Egyptian poet Ahmad Shawqi</i>	Payam 2959-2283			Y	2 nd	
1841.	Dr. Sumaira Akbar Dr. Abdul Aziz Malik	<i>Analytical study of SeemenKiran's novel "AikMadoomKahani"</i>	Tahqeeqat 2791-0334			Y	1 st	

1842.	Zahid Hussain Dr. Sumaira Akbar	NEO HISTORICISM AND OTHER LITERARY THEORIES: INFLUENCES AND INTEGRATION	Contemporary Journal of Social Science Review 3006-1458			Y	Corre spond ance	
1843.	Dr. Sumaira Akbar Dr. Abdul Aziz Malik	A Promenent Tactic of Fakhira Noreen's Humor:	Al-Zumar 3006-8355			Y	1 st	
1844.	Muhammad Naveed Abbas Shahid Dr. Sumaira Akbar	Uniqueness Of Radif In Ghazaliat Of Allama Muhammad Iqbal	Tahqeed 2789-6331			Y	Corre spond ance	
1845.	Dr. Mutahir Shah, Dr. Mamuna Subhani, Qamar Abbas Alvi, Dr. Samina Samshad, Ashna Khan, Dr. Khalid Mehmood Sajid, Ijaz-ur-Rehman, Dr. Wajid Ali	A Critical Study of the Islamic Elements in Secondary Urdu Curriculum	Remittances Review & 2059-6596	2024, Vol. 9, Issue 1, pg. # 1030-1041	-	X	2 nd	
1846.	Dr. Mamuna Subhani, Dr. Sadaf Naqvi, Munaza Younas	An Analytical Study of Nayer Masood's Stories Collection "Simiya"	Guman, ISSN: 2709- 4162	2024, Vol. 7, No.1, pg. # 325-331	-	Y	1 st	
1847.	Dr. Mamuna Subhani, Dr. Zeenat Afshan, Dr. Sajad Naeem	Common identity, cultural heritage and National language Urdu	Shnakhat, ISSN 2709- 7641	2024, Vol.3, No.1, pg. # 225-229		Y	1 st	
1848.	Nasir Ali, Dr. Mamuna Subhani	Metaphysical Elements in Ghazliat-i-Quli	Guman, ISSN: 2709- 4162	2024, Vol. 7, No.2, pg. # 53-60		Y	2 nd	

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1849.	Humera Sulman, Dr.Mamuna Subhani	Review of Deputy Nazeer Ahmad's Novel "Toubat al- Nusuh" and "Fasana Mubtala" (In terms of technique and locale)	Makhz, ISSN2709- 9644	2024, Vol. 5, No. 2, pg. # 225-233		Y	Corre spond ing Autho r	
1850.	Syed Muhammad Dayim Hassan, Syed Muhammad Saim Hassan, Dr.Mamuna Subhani	Animal psychology in the stories of Syed Rafiq Hussain	Harf-o-Sukhan, ISSN 2709-4030	2024, Vol. 8, No.2, pg. 16-22		Y	3 rd	
1851.	Rehmat Ullah,Dr.Mamuna Subhani	The Revolution of Democracy and the Representative of Human dignity... Fahmida Riaz	Shnakhat, ISSN 2709- 7641	2024, Vol.3, No.2, pg.# 24-32		Y	Corre spond ing Autho r	
1852.	Dr.Muhammad Liaqat, Dr.Mamuna Subhani, Shazia Zaman	Tufail Kamalzai: Personality and Literary Contributions	Idrak, ISSN 2709- 4413	2024, Vol.21, No.21, pg. #158-165		Y	2 nd	
1853.	Zahid Majeed, Dr.Mamuna Subhani	Cultural and Social Awareness of Nazir Ahmed Sheikh	Shnakhat, ISSN 2709- 7641	2024, Vol.3, No.3, pg. # 193-200		Y	Corre spond ing Autho r	
1854.	Zahid Majeed, Dr.Mamuna Subhani	Sarfraz Shahid's Position and Status in Urdu Comic Poetry	Guman, ISSN: 2709- 4162	2024, Vol.7, No.3, pg. #214-220		Y	Corre spond ing Autho r	

1855.	Zahid Majeed, Dr.Mamuna Subhani	A Review of Naseem Sahar's Humorous Poetry	Al-Qirtas, ISSN2709-6076	2024, Vol.3, No.3, pg. # 251-256		Y	Corre spond ing	
1856.	Nida Fawad, Dr.Mamuna Subhani	The depiction of nature and environmental issues in Osama Siddique's novel "Ghroob-e-Shahr Ka Waqat"	Harf-o-Sukhan, ISSN 2709-4030	2024, Vol.8, No.3, pg. # 191-195		Y	Corre spond ing	
1857.	Dr Sami Ullah	A Critical Analysis of Travelogue “Yar-e-Mann Iran”	TASDIQ / eISSN: 2707-6229 / pISSN: 2707-6210	Vol. 6 No. 1 (2024): Taṣḍīq (8)		Y	1 st	
1858.	Dr. Sami Ullah	Study of Published Urdu Travelogues about Iran	Noor e Tahqeeq / pISSN: 2519-6618/ eISSN: 2521-0157	Vol. 8 No. 03 (2024): July to September 2024		Y	1 st	
1859.	Farwa Aisha/Dr.Abdul Aziz Malik	Diverse Aspects of Allusions in KalamAtash	Journal of Research Urdu 1816-3424			Y	2 nd	
1860.	DrNaseem Abbas Ahmar/Dr.Abdul Aziz Malik	Discussions on National Integrity in Urdu Poetic Criticism- In Complete Books	Noor-e-Tahqeeq			Y	2 nd	
1861.	Dr. SyedaAttiya Khalid , AmjadIqbal , Dr. Abdul Aziz Malik , Dr. ZafarHussainHarral	Manifestations Of Capitalist System In Waheed Ahmed's Novel "MundriWala"	Migration Letters 1741-			X	3 rd	
1862.	1. Dr.SaimaIqbal 2.Muhammad Saad 3.Sadaqat Ali	ماہر القادری کا تشبیہاتی نظام	شناخت eISSN:2709-7641 pISSN:2709-7633	Vol.3 No.1 171-193	Y	1st Author		
1863.	1.Dr. SaimaIqbal 2.Muhammad Saad 3.Sadaqat Ali	ماہر القادری کی شاعری میں استعاراتی نظام	تصدیق eISSN:2707-6229 pISSN:2707-6210	Vol.6 No.1 83-95	Y	1st Author		

1864.	1. Dr.SaimaIqbal 2.Anam Shehzadi 3.Sadia Baqar	نجم الدین احمد کے افسانوں کا کرداری تجزیہ	حرف و سخن eISSN::2709-4030 pISSN:2709-4022	Vol.8 No.1 341-352	Y	1st Author		
1865.	1. Dr.SaimaIqbal 2.Anam Shehzadi 3.Iqra Shehzadi	نجم الدین احمد: شخصیت اور کارنامے	گمان eISSN:2709-4162 pISSN:2709-4154	Vol.8 No.1 p.282.293	Y	1st Author		
1866.	1.Dr. SaimaIqbal 2.Zikria Arif 3.Muhammmad Saad	"نئے چراغ نے گلے" میں معاشرتی مسائل کا جائزہ	جہان تحقیق on:2709-7625 p.2709-7615	Vol.7 No.1 144-155	Y	1st Author		
1867.	1. Dr.SaimaIqbal 2.Muhammmad Saad 3.Sadia Baqar	سارا شگفتہ اور ادا جعفری کی شاعری میں تمثال کاری	تحقید eissn2789-6331 pissn:2789-4169	Vol.5 No.1 183	Y	1st Author		
1868.	1. Dr.SaimaIqbal 2.Dr.Rubina Yasmeen 3.Muhammmad Shafiq	اختر رضا سلیمی کے ناول "جنڈر" کا موضوعاتی مطالعہ	ذوقِ تحقیق pissn:2789-8776 eissn:2789-8784	Vol.6 No.2 p.206-220	Y	1st Author		
1869.	1. Dr.SaimaIqbal 2.Dr.Rubina Yasmeen 3.Muhammmad Asif	منیر نیازی کے کلام کا کرداری تجزیہ	جہان تحقیق on:2709-7625 p.2709-7617	Vol.7 No.2 p.551	Y	1st Author		
1870.	1.Muhammmad Asif .2. Dr.SaimaIqbal 3. HinaIqbal	اردو شاعرات کی غزل میں نئے کرداری رجحانات	حرف و سخن eISSN :2709-4030 pISSN:2709-4022	Vol.8 No.2 p.753-759	Y	2nd Author		
1871.	1.Dr.Rubina Yasmeen 2. Dr.SaimaIqbal 3.Muhammad Irshad	منیر نیازی کی شاعری علم بیان کی روشنی میں (کنایہ کے خصوصی حوالے سے)	ذوقِ تحقیق pissn:2789-8776 eissn:2789-8784	Vol.6 No.3 p.42-54	Y	2nd Author		
1872.	1.Afifa Irshad	Fiction of Ahmad	Migration	V.21	X	4th		

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1873.	<i>Farwa Aisha/Dr.Abdul Aziz Malik</i>	<i>Diverse Aspects of Allusions in KalamAtash</i>	<i>Journal of Research Urdu 1816-3424</i>		Y	2 nd		
1874.	DrNaseem Abbas Ahmar/Dr.Abdul Aziz Malik	<i>Discussions on National Integrity in Urdu Poetic Criticism-In Complete Books</i>	Noor-e-Tahqeeq		Y	2 nd		
1875.	RimshaKanwal/Dr. Abdul Aziz Malik	<i>Consumerism in Modern Times: Necessity and Significance</i>	Noor-e-Tehqeeq		Y	2 nd		
1876.	Dr. SyedaAttiya Khalid , AmjadIqbal , Dr. Abdul Aziz Malik , Dr. ZafarHussainHarral	<i>Manifestations Of Capitalist System In Waheed Ahmed's Novel "MundriWala"</i>	Migration Letters 1741-		X	3 rd		
1877.	Dr.Tariq Mahmood Hashmi Mohammad Farooq Baig	Orthographic Evolution of Non-Arabic Alphabets in Urdu	<i>Tehqiqat</i> 2791-0342	Vol. 3 No. 3(2024) P 167-176		Y	1 st	
1878.	Dr.Tariq Mahmood Hashmi Dr. Ali Bayat	Letters of Allama Mohammad Iqbal to Ghulam Abbas Aram: Review of text,	<i>Daryaft</i> 2616-6038	Vol. 16 No. 02 (2024) P 1-22		Y	1 st	

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1879.	Mohammad Adnan Iqbal Dr.Tariq Mahmood Hashmi	Wisdom and Cultural relics Pre-Christ Era InThe Novel “ <i>Dil Mun</i> ”	<i>Tasdiq</i> 2791-6229	Vol. 6 No. 2 (2024) P.8-20		Y	Corre spond ing	
1880.	Dr.Tariq Mahmood Hashmii Dr.MohammadKiu mercy	Saqi Farooqi’s Poem: Intellectual and Technical Aspects	<i>Tehqiq-o-Tajzia</i> 3005-3757	Vol. 2 No. 04 (2024) 1-8		Y	1 st	
1881.	Dr.Tariq Mahmood Hashmi	<i>ILM-UL- IQTISAAD:</i> Authership of IQBAL or a translation and abridgment	ORIENTAL COLLEGE MAGAZINE, 2789-4657	Vol# 99, No# 3 (2024) 47-60		Y	1 st	
1882.	Ishtiaq Ahmad Dr. Tariq Mahmood Hashmi	The Mythological and Surrealistic Images in Nasir Kazmi's Poetry	<i>Majallah-e- Tehqeeq</i> 2789-5874	Vol:35No:3, (2024)		Y	2 nd	
1883.	Dr. Fayaz Hussain Dr. Samia Komal Dr. Tariq Mahmood Hasmi Dr. Samia Batool	The Marginalization of Urdu and Punjabi language in Pakistan:A	HISTORY OF MEDICIN 2380-4875	Vo-10, N0:1 (2024)		X	Corre spond ing	

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1884.	Dr. Tariq Mahmood Hashmi Dr. Nazia Parveen Dr. Fayaz Hussain Dr. Shazia Razzaq Mohammad Amin Khan	Constructing National Identity:A Historical Discourse Analysis of Urdu, Punjabi and English in Pakistan	Kurdish Studies,Hong Kong 2051-4891	Vo:12-No: 2 (2024)		W	1 st	
1885.	Mohmmad Adnan Iqbal Dr. Tariq Mahmood Hashmi	Pre-Crist wisdom and Civilization in <i>Aag ka Darya</i>	BAZYAFT 2788-4848	Vol:24 No:44 (2024)		Y	2 nd	
1886.	Dr.Mohammad Kamran Dr. Zaheer Abbas Dr. Tariq Mahmood Hashmi	Harmony, Peace and Philosophical Approach in The Poetry of Allama Muhammad Iqbal	Kurdish Studies 2051-4891	Vol:12 No:1 (2024)		W	Corre spond ing	
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1888.	Zahra Btool, Muhammad Faraz Riaz, Sadia Ali, Anam Shehzadi	Estimating The Effect of Macroeconomic Volatility on Different Types of FDI	Journal of Contemporary Macroeconomic Issues, 2708- 4973	Vol. 5 (2024): Vol, 5: Issue, 1 (June, 2024)		Y	4 th Author	
1889.	Mobashra Liaqat, Imran Qaiser and Anam Shehzadi	Brain Drain, Key Factors Determining Student's Return Intention from Abroad: Evidence from Pakistan	Forman Journal of Economic Studies 2710-2963	Vol.21(2), 2024(July–December), pp. 33–53		Y	3rd Author	
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1891.	Atteequr Rahman, Waqas Manzoor, Rana Muhammad Shahid Yaqub, TahiiirNaqash, Nazia Yasmin	Bridging the Gap: Usability's Role in Connecting Simplicity, Interactivity, and Brand Trust	Pakistan Journal of Humanities and Social Sciences, 2415-007X	2024, 12 (2), 1284–1302		Y	5th	
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1896.	Faisal Iqbal, Sofia Anwar	Artificial Neural Network Insights: Ranking Digital Currencies for Pakistan’s Economic and Green Performance	Journal of Development and Social Sciences,	2024.5(4) 481-492		Y	2 nd	
1897.	SahiraBano, Sofia Anwar, Abdul Quddoos	Socioeconomic factors affecting the adoption of digital devices at household level in Pakistan	Journal of Economic Impact	2024.6 (3), 187-195		Y	2 nd	
1898.	Masooma Zahra; Syed Asif Ali Naqvi; Sofia Anwar Abdul MajeedNadeem Bilal Hussain5	Investigating the Digital Transformation Level Across Industrial Dimensions	iRASD Journal of Economics	2024.6(2) 391 – 402		Y	3 rd	
1899.	SairaAsif Muhammad RizwanYaseen Sofia Anwar Muhammad FarazRiaz	Impactof Socio Economic Demographicand PsychologicalFac tors onRiskTaking Behavior:ACaseS tudyofPunjab	Bulletin of Business and Economics (BBE)	2024.13(3):102-108		Y	3 rd	
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1905.	Nadia Saeed, Nadeem Sohail, Muhammad Adnan Ali, & Shahid Mehmood	Influence Of Grapevine Communication on Organizational Commitment and Sustainable Development Goals: A Study of Personality Traits and Commitment Types of promoting Inclusive Work Environment	Sustainable Bussiness and Society in Emerging Economics ISSN:2708-2504 & ISSN(E): 2708-2172	Vol.6, No.3 September2024, Pages 349-362		Y	Corresponding Author	
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1908.	Muhammad Adnan Shada ,-1 Dr Shafqat Rasoolb-2 Asma Ishtiaqc* ,-3 Dr. Muhammad Shabbird-4	Impact of Organizational Climate on Teacher Performance: A Study of Elementary Schools in Sheikhupura District, Pakistan	International Journal of Social Science Archives	2024 ISSN: 2707-8892 July-September, 2024, 7(3), 1433-1440		Y	4th	
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1910.	Dr. Ghulam Ahmad1*, Dr. Hafiz Mohammad Sarwar2, Dr. Makkiah Nabi Bakhsh3, Dr. Muhammad Shabbir4, Dr. Khuda Bakhsh5	Provoking Emotional And Spiritual Resonance Through Similes: A Critical Analysis of Al-Busiri's Ode of The Mantle, Kurdish Studies,	Kurdish Studies	Volume: 12, No: 4, pp. 1488-1496, ISSN: 2051-4883 (Print) ISSN 2051-4891 (Online)		W	4th	
1911.	Dr. Shumaiela Farooqi -1 Dr. Muhammad Shabbir -2 (Corresponding Author) Dr. Khuda Bukhsh Khan -3 Adnan Shad-4	Evaluating the Implementation of Inclusive Education Practices at Secondary Level in Pakistan: A Document Analysis of Pakistan's Education Policy Framework 2009	Dialogue Social Science Review (DSSR)	ISSN Online: 3007-3154 ISSN Print: 3007-3146 Vol. 2 No. 4 (November) (2024)		Y	2nd Corresponding Author	
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1913.	WardhZainab AsmaIshtiaq Dr. ShamaielaFarooqi Dr. ShafqatRasool	The Impact of Single National Curriculum (SNC) on Primary Education in Punjab	International Journal of Social Science Archives, ISSN: 2707-8892	Vol. 7 No. 1 (2024): January - March 603 - 607		Y	4 th	
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1915.	AsmaIshtiaqShama ielaFarooqiDr. ShafqatRasool	The Impact of Blended Learning On University Education: Advancements in Technology and Learners’ Performance	Dialogue Social Science Review (DSSR) ISSN Online: 3007- 3154 ISSN Print: 3007- 3146	Vol. 2 No. 5 (December) (2024) 695- 705		Y	Corre spond ing	
1916.	Dr. ShafqatRasool Dr. ShamaielaFarooqi AsmaIshtiaq	Mission Statements of Higher Education Institutions in Pakistan: A Content Analysis	Dialogue Social Science Review (DSSR) ISSN Online: 3007- 3154 ISSN Print: 3007-	Vol. 2 No. 5 (2024): December 411-419		Y	1 st	

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1917.	AsmaIshtiaq Dr. ShamaieIaFarooqi Dr. ShafqatRasool	An Investigation and Development of Communication Skills Training for Children with Intellectual Disabilities	Dialogue Social Science Review (DSSR) ISSN Online: 3007-3154 ISSN Print: 3007-3146	Vol. 2 No. 4 (2024): November 557 -564		Y	Corresponding	
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1919.	Dr. ShamaieIaFarooqi Dr. ShafqatRasool AsmaIshtiaq	Effect of TikTok Usage on the Moral Development of University Students	Dialogue Social Science Review (DSSR) ISSN Online: 3007-3154 ISSN Print: 3007-3146	Vol. 2 No. 3 (October) (2024) 464- 474		Y	2 nd	
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1921.	AmnaZahoor , Muhammad Adnan Shad , ShafqatRasool	STUDENTS PERCEPTIONS REGARDING THE ROLE OF TECHNICAL EDUCATION AND VOCATIONAL TRAINING INSTITUTES IN UPLIFTING THEIR COMPUTER COMPETENCY IN CITY FAISALABAD	Global Educational Studies Review (GESR) ISSN-Print 2708-2113 ISSN-Online 2708-3608	.2024(IX-III).11 Pages : 119-125		Y	Corresponding	
1922.	Muhammad AzeemPhD Dr. ShafqatRasool	Effectiveness of STEM Approach on Enhancing Critical Thinking Skill of Elementary School Students in Faisalabad	Pakistan Languages and Humanities Review P-ISSN 2708-6453	October-Dec 2024, Vol. 8, No. 4 [422-434]		Y	Corresponding	
1923.	(1) Sonia Javed (2) Huma Islam. (3) ShafqatRasool	Impact of Assessment Procedure on Students' Learning in Semester System	Global Educational Studies Review (GESR) ISSN-Print 2708-2113	Vol IX Issue 1 2024 w, IX (I), 77- 87.		Y	Corresponding	

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1930.	Faiza Abdul Hafeez, Dr. Muhammad Naeem Mohsin	Effect of Resilience on Academic Achievement of University Students	Journal of Social Sciences Research & Policy (JSSRP) ISSN: 3006-6549 (ISSN-L) ISSN: 3006- 6557 (Online) ISSN: 3006-6549 (p)	Vol. 2, No. 3 (2024) 127-134		Y	2	
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1999.	Fatima Rasheed Ahmad, Dr. Bilal Bin Liaqat, Dr. Ghulam Mustafa, Maryam Ali, Sumayya Feroz, Muhammad Arslan	Convergence and Divergence of Interests in Pak-US Relations after 9/11	Kurdish Studies, ISSN: 2051-4883 (Print) ISSN 2051-4891 (Online)	Volume: 12, No:4, pp. 633-640, May, 2024		‘W’ Category	2 nd Author	
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2001.	Ifra Saeed, Dr. Shahzad Munawar Ch. Dr. Anwar Ali, Dr. Muhammad Naveed Akhtar, Dr. Bilal Bin Liaqat	Denuclearization Efforts in North Korea Under Kim-Jong Un: A Critical Analysis	Remittances Review, ISSN: 2059-6588(Print), ISSN 2059-6596 (Online),	Volume: 9, No: S 2,pp. 768-793, May, 2024		‘X’ Category	(Corresponding Author)	
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2008.	Maryam Shahbaz, Ghulam Mustafa, Bilal Bin Liaqat	Indo-American Relations During Donald Trump Era: Implications For Pakistan	Global Political Review, P-ISSN: 2521-2982 E-ISSN: 2707-4587,	Volume: IX (2024), Issue: III Summer (September-2024), PP: 9-20		‘Y’ category	(Corresponding Author)	
2009.	Mujeeb, A., Nawaz, A., Naeem, M. A. ., & Wakil, I. . .	Role of Non-State Actors in Syrian Conflict: An Analysis	<i>Journal of Social & Organizational matters</i> 2959-2151 2959-216X	2024, 3(4), 122–131,		Y	2nd Author	
2010.	Mujeeb, A. ., Wakil, I. ., Liaqat, B. B. ., &Nawaz, A.	Syrian Civil War and Its Implication on Regional Politics	<i>Research Journal for Societal Issues</i>	2024, 6(3), 314–322		Y	Corresponding author	
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2015.	Ghulam Murtaza, Dr. Tayba Anwar, Dr. Sidra karamat, Muhammad Waleed Mazhar, Dr. Ghulam Mustafa	Level of Analysis and Inter-Korean Relations: Unraveling Complex Dynamics	Remittances Review ISSN:2059-6588 e-ISSN: 2059-6596	2024, Vol. 9 No. 2 pp.557-573	2.60	X	Corresponding	
2016.	Ammara Tasaduq and Ghulam Mustafa	India's Strategic Rise: Shaping Power Dynamics in Asia-Pacific Politics in 21st Century	Asia Pacific	2024 Vol 42 pp. 25–44		Y	2nd with Corresponding	
2017.	Muhammad Soban Arif, Qasim Shahzad Gill, Ghulam Mustafa	China Expanding Influence in the Asia-Pacific: Strategic Implications for the United States	Global Strategic and Security Studies Review ISSN 2708-2121 2708-3616	2024 Vol. 9, No. 2 PP:13-30		Y	Corresponding	
2018.	Jazab-Ur-Rehman, Muhammad Naeem Akhtar, Qasim	Bridging the Divide: Strategic Measures to	Research Journal for Societal Issues ISSN No Online:	2024 Vol. 6 No. 2 164-176		Y	Corresponding	

	Shahzad Gill, Ghulam Mustafa	Enhance US- Cuba Relations in 21st Century	2788-7227 Print: 2788-7219					
2019.	Qamar Zaman Khan, Imran Wakil, Ghulam Mustafa	The Dynamics of Pakistan-Russia Relations in the 21st Century and the Role of U.S. Influence	Global Political Review ISSN 2521-2982 2707-4587	2024 Vol. 9, No. 2 PP. 27-31		Y	Corre spond ing	
2020.	Adnan Khan, Ammara Tasadduq, Ghulam Mustafa	The Fata Conundrum: A Study of the Post- Merger Administrative Chaos	Global Regional Review ISSN 2616-955X 2663-7030	2024 Vol. 9, No. 2 PP. 1-13		Y	Corre spond ing	
2021.	Sufyan Akhlaq, Muhammad Arslan, Qasim Shahzad Gill, Ghulam Mustafa	NATO Enlargement and the US- Russian Relations in the 21st Century: A Critical Analysis	Journal of Social & Organizational Matters 2959-2151	2024 Vol. 3 No. 2 PP: 189-203		Y	Corre spond ing	
2022.	Maryam Ali, Ghulam Mustafa, Imran Wakil, Fatima Rasheed Ahmad	Understanding of Hybrid Political System of Islamic Republic Iran: The Case Study of General Election 2024	Journal of Social & Organizational Matters 2959-2151	2024 Vol. 3 No. 2 PP: 105-123		Y	2 nd & Corre spond ing	
2023.	Tehreem Ahmed, Muhammad Arslan, Zainab Niaz, Ghulam Mustafa	China Ties with Iran and Saudi Arabia: A Critical Analysis of Changing Dynamics in Persian Gulf	Research Journal for Societal Issues. ISSN No Online: 2788-7227 Print: 2788-7219	2024 Vol. 6 No. 2 PP:375-391		Y	Corre spond ing	
2024.	Hafiz Ghulam	Punjab Police:	Global Sociological	2024		Y	Corre	

	Muhtada, Zil-E-Huma Rafique, Ghulam Mustafa	Leadership Styles and Burnout in Bahawalpur District	Review ISSN 2708-2091 2708-3586	Vol. 9 No. 2 PP: 12-23			spond ing	
2025.	Maryam Ali, Ghulam Mustafa, Fatima Rasheed Ahmad	Possession of Nuclear Deterrence as Security Dilemma: Impacting Regional Stability of South Asia	Global Strategic and Security Studies Review ISSN Print 2708-2121 2708-3616	2024 Vol.9 No. 1 PP: 66-75		Y	2nd & Corre spond ing	
2026.	Muhammad Umama Shah, Qasim Shahzad Gill, Muhammad Naeem Akhtar, Ghulam Mustafa	Understanding the Decline of the US Dollar: Key Factors and Implications	Journal of Social & Organizational Matters 2959-2151	2024 Vol. 3 No. 2 PP: 234-250		Y	Corre spond ing	
2027.	Muhammad Fazeel, Qasim Shahzad Gill, Ghulam Mustafa	Transgender Rights in Pakistan: Navigating Legal Framework, Practices and Challenges	Global Legal Studies Review ISSN 2708-2458 2708-2466	2024 Vol. 9 No. 2 PP: 1-13		Y	Corre spond ing	
2028.	Jazab-Ur-Rehman, Tooba Islam, Ghulam Mustafa	Realist Perspective on US-Cuba Relations: A Critical Analysis	Global International Relations Review ISSN 2788-5054 2788-5062	2024 Vol. 7 Issue. 2 PP: 1-15		Y	Corre spond ing	
2029.	Ghaznafar Ali, Dr. Muhammad Nawaz Bhatti, Dr. Ghulam Mustafa	Russia-Ukraine Crisis and Its Impact on Regional Security	Journal of Professional Research in Social Sciences ISSN: 2411-5037	2024 Vol. 11 No. 1 PP: 1-23		Y	Corre spond ing	

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2030.	Mohsin Abbas, Dr. Ghulam Mustafa, Muhammad Arslan	India's Constitutional Change: Revocation of Article 370 and 35-A and the Repercussions from Pakistan	UOS Journal of Social Sciences & Humanities ISSN 2224-2341 (Print) ISSN 2310-0249 (Online)	2024 Volume: 8, (1) PP: 24-37		Y	2 nd with Corresponding	
2031.	Osama Sharoon, Dr. Ghulam Mustafa, Muhammad Shahrukh	Modernizing the Governance Model of Pakistan for Development and Innovation: Overcoming the Existing Antiquated and Complex Legal Framework	Journal of Politics and International Studies	2024 Vol. 10 No. 1 PP: 31-46		Y	Corresponding & 2 nd author	
2032.	Kiran Rasool, Tallat Yasmin, Dr. Anwar Ali, Muhammad Arslan, Dr. Ghulam Mustafa	From Partners to Strained Allies: A Comprehensive Historical Analysis of Pak-US Relations	Remittances Review ISSN:2059-6588 e-ISSN: 2059-6596	2024 Volume: 9, No: 1, pp.1170-1179	2.60	X	Corresponding	
2033.	Dr. Ghulam Muhammad Nagra, Amir Nawaz, Dr. Muhammad Imran, Muhammad Javed, Dr. Ghulam Mustafa	People, Politics, and Society: A Historical Analysis of Afghanistan	Remittances Review ISSN:2059-6588 e-ISSN: 2059-6596	2024 Vol. 9 No. 2 PP: 539-556	2.60	X	Corresponding	
2034.	Ali Raza, Dr. Bilal Bin Liaqat, Dr.	An Analysis of US-China	Remittances Review ISSN:2059-6588	2024 Vol. 9 No. 1	2.60	X	Correspond	

	Tayba Anwar, Israr Rasool, Dr. Ghulam Mustafa	Strategic Competition during the Trump Era and India's Role	e-ISSN: 2059-6596	PP: 1203-1212			ing	
2035.	Tallat Yasmin, Qasim Shahzad Gill, Ghulam Mustafa	China Growing Influence in the Middle East: Opportunities, Challenges, and Future Prospects	Global International Relations Review ISSN-Print 2788-5054 ISSN-Online 2788-5062	2024 Vol. 7 No. 1 PP: 1-13		Y	Corresponding	
2036.	Dr. Ghulam Mustafa, Suffian Zafar, Ahmad Ali, Naseem Anthony, Dr. Bilal Bin Liaqat	Family Laws and Political Participation of Religious Minorities in Pakistan Recognition of Equal Identity and Social Acceptance	Remittances Review ISSN:2059-6588 e-ISSN: 2059-6596	2024 Vol. 9 No. 2 PP: 594-609	2.60	X	1 st author	
2037.	Jazab-Ur-Rehman, Dr. Tayba Anwar, Dr. Imran Wakil, Muhammad Mohsin Arshad, Dr. Ghulam Mustafa	US-Cuba Relations: Security Implications for the Region In 21st Century	Remittances Review ISSN:2059-6588 e-ISSN: 2059-6596	2024 Vol. 9 No. 1 PP: 1213-1229	2.60	X	Corresponding	
2038.	Maryam Shahbaz, Bilal Bin Liaqat, Hafiz Muhammad Amjad Munir, Ghulam Mustafa	Evolution of Indo-US Diplomatic Ties: A Historical Analysis	Journal of Social & Organizational Matters 2959-2151	2024 Vol 3 No 3 PP: 205-218		Y	Corresponding	
2039.	Maryam Shahbaz Ghulam Mustafa Bilal Bin Liaqat	Indo-American Relations during Donald Trump	Global Political Review ISSN	2024 Vol.9 No. 3		Y	2 nd author	

		Era: Implications for Pakistan	Print 2521-2982 Online 2707-4587	PP: 9-20				
2040.	Muhammad Shoaib Syed, Shahida Awan, Tallat Yasmin, Ghulam Mustafa	Indo-Pak Rivalry in Afghanistan After US Withdrawal In 2021	Research Journal for Societal Issues. ISSN No 2788-7227 2788-7219	2024 Vol 6 No 3 PP: 116-133		Y	Corresponding	
2041.	Muhammad Ali Raza Tariq, Ghulam Mustafa, Muhammad Shabbir	Pak-France Relations During 21st Century: Strategic Alliances and Bilateral Cooperation	Global Strategic and Security Studies Review ISSN 2708-2121 2708-3616	2024 Vol 9 No 3 PP: 40-52		Y	2 nd Author	
2042.	Bashir Hussain Shah, Ghulam Mustafa, Sapna Sardar	Pakistan-Bangladesh Unresolved Issues During the Era of Prime Minister Sheikh Hasina Wajid	Global Political Review ISSN 2521-2982 2707-4587	2024 Vol 9 No 3 PP: 58-69		Y	Corresponding with 2 nd author	
2043.	Tehseena Masood, Ghulam Mustafa, Gul-E-Zahra	Pakistan's Diplomatic Ties with the Republic of Korea: A critical Analysis	Global International Relations Review ISSN-Print 2788-5054 2788-5062	2024 Vol. 7 No. 3 PP: 15-26		Y	Corresponding with 2nd author	
2044.	Maryam Shahbaz, Ghulam Mustafa, Sadia Nawab	Indo-American Relations during Narendra Modi's Era: A Critical Analysis	Global Foreign Policy Review ISSN-Print 2788-502X 2788-5038	2024 Vol 7 Issue 4 PP: 1-12		Y	Corresponding with 2nd author	

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2045.	Ammara Tasadduq, Muhammad Zain Ishtiaq, Hafiz Muhammad Amjad Munir, Ghulam Mustafa	Humanitarian Crisis in Indian Jammu and Kashmir: An Analysis	Journal of Social & Organizational Matters 2959-2151	2024 Vol 3 No 4 PP: 11-28		Y	Corresponding	
2046.	Bashir Hussain Shah, Muhammad Saqib, Adnan Nawaz, Ghulam Mustafa	The 1971 Separation and Its Legacy: A Historical Analysis of PakistanBangladesh Relations	Journal of Social & Organizational Matters 2959-2151	2024 Vol 3 No 4 PP:209-221		Y	Corresponding	
2047.	Adnan Khan Qasim Shahzad Gill Ghulam Mustafa	Post-Merger Political and Social Dynamics: Fata's Shifting Paradigm in Pakistan	Global social Sciences Review ISSN 2521-2982 2707-4587	2024 Vol 9 No. 1 PP: 74-87		Y	Corresponding	
2048.	Batool Hassan, Sonia Javed, Sara Shahid, Ghulam Mustafa	Role of Civil Society Organizations in Empowering PWDs: A Case Study of Disability Rights Action Group	Journal of Social & Organizational Matters 2959-2151	2024 Vol 3 No 3 PP: 40-51		Y	Corresponding	
2049.	Osama Sharoon, Dr. Ghulam Mustafa and Sami Ullah Farooq	The Punjab and Global Governance: Lessons from the Advanced Models of Alberta, Zurich, and	Journal of Development and Social Sciences P-ISSN: 2709-6254	2024 Vol. 5, No. 3 PP: 501-514		Y	2 nd with Corresponding	

		Massachusetts						
2050.	Tehseena Masood and Ghulam Mustafa	Pakistan's Diplomatic Ties with Democratic People's Republic of Korea	Political Horizons ISSN: 3006-2446 ISSN: 3006-2454	2024 Vol. 2, No. 2, December PP: 40-48		Y	2 nd with Corre spond ing	
2051.	Zosha Noor Muhammad Saqib Imran Wakil	The Shift of Power from The US Decline to China's Rise in Africa: The Geopolitical Implications of Washington's Strategic Withdrawal from Niger	Global Political Review ISSN-P : 2521-2982 · ISSN-E : 2707-4587	2024 IX(IV):64-79			3 rd	
2052.	1.Hafiza Firdous Jabeen 2.Dr. Hafiz Muhammad Asghar	علامہ عبدالغنی بن اسماعیل ناپلسی رحمہ اللہ اور ان کی علمی و تصنیفی خدمات کا تعارفی جائزہ	AL-AHQAQ 3006 595x	2024,V.2,Issue.2 &P. 16		Y	Corresp onding	
2053.	1.Hafiza Firdous Jabeen 2. Dr. Hafiz Muhammad Asghar	علامہ زین الدین محمد بیر علی المعروف برکلی اور ان کی تصنیفی خدمات کا تعارفی مطالعہ	الابصار 2958-9169	2024,V.3,Issue.2 & P. 1		Y	1, Corresp onding	
2054.	1.Dr. Hafiz Muhammad Asghar 2.Dr. Sobia 3. Dr. Saima Ashraf	حافظ ابن رجب حنبلی اور فتح الباری: علمی خدمات ، خصوصیات اور اثرات کا تحقیقی جائزہ	تناظر 2790-8208	2024,V.05,Issue.4 & P.1		Y	1 st	
2055.	Dr. Muhammad Yaseen Raza, Dr. Mahmood Ahmad	عہد نامہ قدیم امیں تصور مسیح تنقیدی جائزہ	AL-MAHDI (ISSN: 2789-4150)	2024, Vol. 5, Issue 4, Page 787		Y		
2056.	Dr. Rizwan Ali, Dr. Mahmood Ahmad	تجارتی معاملات میں صارفین کو حاصل حق خیار ا فقہی وتجزیاتی مطالعہ	AL-Iman (ISSN: 3006-127X)	2024, Vol. 2, Issue 3, Page 212		Y		

2057.	Dr. Muhammad Yaseen Raza, Dr. Mahmood Ahmad	مسیحیت اور اسلام کے متفقہ عقائد: بائبل اور قرآن کی روشنی میں تجزیاتی مطالعہ	AL-MAHDI (ISSN: 2789-4150)	2024, Vol. 5, Issue 3, Page 1226		Y		
2058.	Dr. Mufti Muhammad Ahmed, Dr. Mahmood Ahmad	مقاصد تعلیم اتعین: فکر اسلامی ا اختصاصی مطالعہ	AL-Mithaq (ISSN: 2791-0997)	2024, Vol. 3, Issue 2, Page 57		Y		
2059.	Dr. Mufti Muhammad Ahmed, Dr. Mahmood Ahmad	عہد نبوی کے ر مدارج تعلیم او منابع تدریس	AL-MAHDI (ISSN: 2789-4150)	2024, Vol. 5, Issue 5, Page 818		Y		
2060.	Dr. Rizwan Ali, Dr. Mahmood Ahmad	مسیحیت مظلومیت سے سرپرستی تک	AL-Mithaq (ISSN: 2791-0997)	2024, Vol. 3, Issue 3, Page 113		Y		
2061.	Abdul Haseeb, Dr. Mahmood Ahmad	کریگ آنس نیک: تعارف اور سیرت نگاری	Harf-o-sukhan (ISSN: 2709-4030)	2024, Vol. 8, Issue 2, Page 552		Y		
2062.	Dr. Sarfraz Ahmad Javed, Dr. Mahmood Ahmad	پنجاب کی صوفی محکمہ خاتقاہوں پر اوقاف کی عملداری کے معاشی اثرات	Harf-o-sukhan (ISSN: 2709-4030)	2024, Vol. 8, Issue 3, Page 268		Y		
2063.	Abdul Haseeb, Dr. Mahmood Ahmad	کریگ آنس نیک کی کتاب “ People of The Book Prophet Muhammad Encounters with ”The Christians تجزیاتی مطالعہ	International Research Journal of Arabic and Islamic Studies (ISSN: 2789-4010)	2024, Vol. 4, Issue 2, Page 310		Y		
2064.	Abdul Haseeb, Dr. Mahmood Ahmad	کریگ آنس نیک کی کتاب “ The Humanity of A :Muhammad ”Christian’s View تجزیاتی مطالعہ	Jahan Tahqeeq (ISSN: 2709-4030)	2024, Vol. 7, Issue 3, Page 254		Y		

2065.	1. Ms. Riffat Sultana 2. Dr. Yasir Arfat	ترك مدابنت والتباس سيرت محمديه كے اصول و مظاہر	Epistemology: Journal of Islamic Studies eISSN: 2663-5828	2024 Vol: 14 Issue:15 Pages: 1-12	No	Y Catego ry	2 nd Autho r	
2066.	01:Memoona Munir, 02:Yasir Arfat	Peacebuilding and Interfaith Harmony: Practical Insights from the Teachings of Rasulullah ﷺ	Tanazur Research Journal	2024 (a) Special Issue, Vol:05 Issue:04 Pages: 37-51	No	Y Catego ry	Corre spond ing Autho r	
2067.	Hafiz Shafat Ali Sajjad, YasirArfat	Authenticity of Seerah Related Ahadith in Musnad Abu Ya'laAlmawsili: A Critical Study	Anwar-al-Sirah ISSN (E): 3006-7766	Vol. 2 Issue No. 02 Pages: 23-50	No	Y categor y	Corre spond ing Autho r	
2068.	Dr. Matloob Dr. Mufti M. Saleem, Mubashar Husain	أثر اللغة العربية على اللغة الأردية (Influence of Arabic Language on the Urdu Language)	Al-Aijaz Research Journal of Islamic Studies & Humanities	October, December 2024 Vol. 8, No. 4 Page # 12-24		Y	2 nd	
2069.	Dr. Mufti M. Saleem, Dr. Matloob Dr. M. Adnan	ضوء الاستعارة العرفانية في كليلة و دمنه والـف ليلية و ليله (The Reflection of Cognitive Metaphor In The Kalila Wa Damna& Alif Lailah Wa Lailah)	Al-Aijaz Research Journal of Islamic Studies & Humanities	October, December 2024 Vol. 8, No. 4, Page # 1-11		Y	1 st	
2070.	Dr. Matloob Dr. Mufti M. Saleem, Mubashar Husain	اعتماد ابن هشام على أشعار غير معروفة للاستشهاد النحوى	Al-Khadim Research Journal of Islamic Culture & Civilization	October, December 2024 Vol. 5, No. 4		Y	2 nd	

		(Reliance Ibn-e-Hishamon the unknown poetry for the basis tonahwu)		Page #1-11				
2071.	Dr. Mufti M. Saleem, Prof. Dr. Matloob Ahmad, M. Farhan-ur-Rehman	استعمال المجاز المرسل في سورة الكهف (The particle style of synecdoche in surah Al-Kahaf)	Tanazur (Research Journal)	January-March 2024 Vol.5, No.1 Page #69-82		Y	1 st	
2072.	Dr. Mufti M. Saleem, Dr. Matloob, Dr. H. M. Adnan	أسلوب الاستعارة التمثيلية في السورة الهود واليونس (The procedure of metaphor in the al-surah Al-Hood and Younus)	Al-Khadim Research Journal of Islamic Culture & Civilization	October, December 2024 Vol. 5, No. 4 Page #12-18		Y	1 st	
2073.	Dr. Mufti M. Saleem, Dr. Matloob Ahmad, Prof. M. Farhan-u-Rehman	جمالية الفن في شعر عمر بن أبي ربيعة (Aesthetic of art in poetry of Umar Bin Abi Rabia)	Jahan-e-Tehqeeq	June 2024 Vol. 7, No. 2 Page# 176-188		Y	1 st	
2074.	Dr. Mufti M. Saleem, Dr. Matloob Ahmad, M. Farhan-u-Rehman	إتجاه التأمل في شعر ابن خفاجة الأندلسي (Orientalion to the manifestations of the universe in the poetry of Ibn-e-Khafagah)	Harf-o-Sukhan	June 2024 Vol. 8, No. 2 Page# 121-136		Y	1 st	
2075.	Dr. Mufti M. Saleem	الصورة الفنية للتشبيه والاستعارة في قصيدة ابن الخلوف Artistic image of metaphor and analogy in the poem of Ibn-e-Khalof.	Al-Khadim Research Journal of Islamic Culture & Civilization	2024 Vol.5, No. 1 Page#19-27		Y	1 st	
2076.	1- Dr. Muhammad Imran 2-Dr. Ghulam Murtiza 3-Muhammad Sulyman Akbar	“Unraveling Human Rights Challenges in Palestine: Assessing the United Nations’ Role and Pathways to Improvement”	Remittances Review, P-ISSN: 2059-6588 O-ISSN: 2059-6596	2024 Vol. 9, No. 1, 2024, pp: 3729-3751		X	Corresponding author	
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2090.	1:Muhammad Zahid Rafique Rana	Delegated legislation in administrative	Pakistan Research Journal of Social Sciences	Sep 2024 Vol.3, issue 3, 35-49		Y	3 rd	

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2094.	M Babar Shaheen Dr. Noreen Akhtar Saima Butt	Identification Parade: A Critical Analysis of Pre and Post-Identification Modern Methods and Technology in Pakistan	JDSS 2709-6254	2024 Vol. 5 Issue 03 453-462		Y	1 st	

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2102.	MahrughTanveer M Babar Shaheen Khalil urRehman AmnaTanveer	Leveraging Artificial Intelligence for Enhancing Evidence Integrity and Chain of Custody in Pakistan's Criminal Justice System	PJCJ 2958-9363	2024 Vol. 4 Issue 01 246-257		Y	2 nd	
2103.	1- Dr. Muhammad Imran 2- Dr. Ghulam Murtiza 3-Muhammad Sulyman Akbar	<i>Money Laundering in Pakistan: Combating Strategies and Preventions "</i>	Annals of Human and Social Sciences P-ISSN: 2790-6795 O-ISSN: 2790-6809	2024 Vol. 5, No. 2, 2024, pp: 62-76		Y	3 rd	
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2106.	M Babar Shaheen	Rehabilitation Over	IJHS	2024		Y	1 st	

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2107.	Sadia Tanveer1 Muhammad Shahid Sultan2 Hafiz Muhammad Azeem3	Revamping Prosecution in Punjab: Empowering Prosecutors and Overcoming Challenges	Pakistan Journal of Criminal Justice ISSN: 2958-9363 ISSN (E): 2958-9371	Volume 4, No.2, 2024	No	Y	2 ND Author	
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2120.	Ali Haider, Dr. Shahid Rizwan	Meanings, Categories, Functions and Structure of Presumptions: A Critical Analysis of Presumptions in Qanoon-E- Shahadat Order 1984	Premier Law Journal					
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2145.	Muhammad Tayyab, Ashraf Iqbal, Raheela Firdous,	Media Coverage Of Smog In Punjab A Comparative Study Of Urdu And English Dailies.	Global Regional Review, ISSN 2663-7030	2024, Vol. IX, No.III, pg. # 106-115		Y	Corresponding Author	
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2163.	Umer Yaqoob	Electoral Performance of Religio- Political Parties in Pakistan: An Analysis	Humanity Publications		Y	1 st		
2164.	1-Dr. MazherHussain 2-Dr. Abida Hassan 3-Dr. Zil-e- HumaRafique 4-Dr. Muhammad Mumtaz Ali Khan	Electorates, Electioneering and Electoral Politics in Pakistan: A Study into Bhutto-Zia Antagonism (1970-1988)	Bulletin of Business and Economics (BBE) 22414-1771	2024, 13(2), Pages: 747-751		Y	3 RD	
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2168.	Dr. Asifa Tahseen Dr. Abdul Qadir Mushtaq Khushbakht Bibi Sana Malik	From Mohenjo- daro to Modernity: the Cultural Significace of the Indus Valley Civilization in Pakistan's History	Journal of Arts and Linguistics Studies ISSN (P): 2959-0957	2024, Volume 2 Issue 3 1801-1820		Y	2 nd	
2169.	Haji Muhammad Anwar Dr. Abdul Qadir Mushtaq Muhammad Hasnain	ROOTS OF KASHMIR STRIFE AND THE SAGA OF GILGIT BALTISTAN (GB)	Advance Social Science Archives Journal ISSN (P): 3006-2497	2024, Volume 2, No.4 796-808		Y	2 nd	
2170.	Syed Shabbir Hussain Dr. Abdul Qadir Mushtaq	Religio Political role of Ahmed Raza Khan Brelvi in Freedom	Jahan-e- Tahqeeq ISSN (P): 2709-7617	2024, Volume 7, No. 3 473-482		Y	2 nd	

	Umar Sultan	Movement						
2171.	Dr. Abdul Qadir Mushtaq Muhammad Kaleem Raza Junaid Asghar	Political Alliances in Pakistan! A case study of Pakistan Democratic Movement PDM 2020-2023	Journal of Arts and Linguistics Studies ISSN (P): 2959-0957	2024, Volume 2, Issue 2 969-985		Y	1 st	
2172.	Tanzeela Arshad Dr. Abdul Qadir Mushtaq Prof. Dr. Muahida Butt Dr. Hina Khan Amna Azhar Naila Siddique Muhammad Asim Khan	Secular Culture of Sufi Shrines in Punjab: The Case Study of Sain Muhammad Bakhsh (Baba Lasoori Shah) Shrine in Faisalabad, Pakistan	Kurdish Studies ISSN (P): 2051-4883	2024, Volume 12, 5019-5032	Yes	W	2 nd	
2173.	Dr. Abdul Qadir Mushtaq Dr. Zil e Huma Rafique Dr. Khalid Mahmood Sanjarani, Tanzeela Arshaad Muhammad Asim Khan	Religious Coexistence as Tolerance: The Case of Sunni-Shia Practices at Bibi Paak Daman (S.A) Shrine in Lahore Pakistan	Remittances Review ISSN (P): 2059-6588	2024, Volume 9, No S 4 901-931	Yes	X	1 st	
2174.	Dr. MajidMushtaq/ Dr. Samiullah/ Muhammad Zohaib	The Circle Technique and Two Myths: An Analytical Study	Zauq-e-Tahqeeq / pISSN: 2789-8776 eISSN: 2789-8784	Vol. 6 No. 2 (2024): (June-2024)		Y	2 nd	
2175.	Dr. MajidMushtaq, Dr. Samiullah, Abdullah Raza	An Analytical Study of the Two Important Characters “AsrarMian” and	MAKHZ / ISSN (P): 2709-9636 / ISSN (O): 2709-9644	Vol. 5 No. 2 (2024): April to June		Y	2 nd	

		“Chhammi” of Novel “Aangan”						
2176.	Dr Sami Ullah	A Critical Analysis of Travelogue “Yar-e-Mann Iran”	TASDIQ / eISSN: 2707-6229 / pISSN: 2707-6210	Vol. 6 No. 1 (2024): Taşdıq (8)		Y	1 st	
2177.	Dr. Sami Ullah	Study of Published Urdu Travelogues about Iran	Noor e Tahqeeq / pISSN: 2519-6618/ eISSN: 2521-0157	Vol. 8 No. 03 (2024): July to September 2024		Y	1 st	
2178.	1.Huma Bilal 2.Dr. Ali Shan Shah	Middle Eastern Energy Security: A Study of Threats and Countermeasure s	<i>Journal of Development and Social Sciences</i> , 2024, Vol. 5, No. 3, 360-367	2024, Vol. 5, No. 3, 360-367		Y	2 nd and Corresponding	
2179.	Sadia Naz, Dr. Mian Muhammad Azhar	A critical analysis of Musharraf’s policies towards media	UOS Journal of Social Sciences & Humanities (UOSJSSH) 2024,	ISSN (P) 2224-2341, ISSN (E) 2310-0249 Volume: 8, (1)	Pages (80-88)	Y		
2180.	Dr. Shahzad Munawar Ch. , Dr. Anwar Ali, Dr. Muhammad Shabbir , Shahida, Visiting , Shumaila Saeed	A Critical Analysis Of Pakistan’s Counter-Terrorism Strategies In 21 st Century	<i>Migration Letters</i> ISSN: 1741-8992(Online)	Vol. 21 No. S6 (2024) /2061–2076		‘X’ Category	2 nd Author	
2181.	Raza, M. A., Khan, Dr. A. B.	A Glimpse of China-African Union Economic Relations during	<i>Journal of Development and Social Sciences</i> ISSN	(2024)..., 5(3), 198–215.		Y	2 nd	

		21 st Century	2709-6254					
2182.	Nazir, S., Khan, A. B., & Ashraf, M. J..	A Historical Analysis of the Socio-Economic Implications of Afghan Refugees for Pakistan.	<i>Pakistan Languages and Humanities Review</i> ISSN 2708-6453	2024, 8(3), 753–763		Y	2 nd	
2183.	Rafeeq, R., & Khan, A. B.	Analyzing the Factors Influencing the Legislative Performance of Female Parliamentarians in Pakistan (2013-2023).	<i>Pakistan Social Sciences Review</i> ISSN 2664-0422	2024, 8(3), 755–766		Y	2 nd	
2184.	Lubna Ghulam sarwar, Dr. Mian Muhammad Azhar, Dr. Mirza Rizwan Shahid Baig	Article 184(3) of Constitution of Pakistan: Remedy or Judicial Activism?	<i>Migration Letters</i> 1741-8992		X	2 nd		
2185.	Rimsha Aziz, Anwar Ali,Bilal Bin Liaqat, Muhammad Arslan	ASEAN's Diplomatic and Strategic Engagement in The South China Sea Dispute: An Analysis	Journal of Social & Organizational Matters(JSOM), ISSN 2959-2151,2959-216X (Online),	Vol 3 No 2 (2024): 204-224, Published: 2024-05-15		‘Y’ category	2 nd Author	
2186.	Dr. Zainab Murtaza, Sadia Naz, Dr. Tariq Aziz, Annum Rasheed, Dr.	China’s repression on Uyghur Muslims and violation of international	RemittancesReview April 2024,	Volume: 9, No: 2, ISSN:2059-6588(Print) ISSN2059-6596(Online)	pp.2883-2894	X		

	Khadija Murtaza	human rights						
2187.	MarwaRiaz, Anwar Ali,Bilal Bin Liaqat	China's Economic Development Policy: An Analysis	Global International Relations Review (GIRR), P-ISSN: 2788-5054 E- ISSN: 2788-5062,	Volume: VII (2024), Issue: II Spring (June),PP: 38-48, 2024		‘Y’ catego ry	2 nd Autho r	
2188.	1.Khalid Saeed 2. Dr. Ali Shan Shah	China's Economic Influence in Central Asia: An Analysis of the Xi Jinping Era (2013-2023)	<i>Annals of Human and Social Sciences,</i>	2024, Vol. 5, No. 3, 684-693		Y	2 nd and Corre spond ing	
2189.	(Sadia Naz, Bushra Shaukat, Farah Naz, Athar Azeem)	Climate change’s geopolitical implantations; conflicts, migration, and resource competition	Remittances Review, May 2024	Volume: 9, No: S 2,ISSN :2059-6588(Print) ISSN 2059-6596(Online	pp. 332-350	X		
2190.	Bashir, H., Khan, A. B., & Ashraf, M. J.	Constitutional and Political Developmemt in Pakistan: A Review of the Legislative Performance Of the 14th National Assembly(2013- 2018).	<i>Annals of Human and Social Sciences,</i> ISSN 2790-6795	2024. 5(2), 839–849.		Y	2 nd	
2191.	Esha Ashfaq1	CPEC as a Game	Research Journal for	Vol 6 No 2 (2024): 460-468		‘Y’	Corre	

	, Bilal Bin Liaqat2 , Muhammad Waseem3 , Anwar Ali*4	Changer for Pakistan: A Critical Analysis	Societal Issues			Categ ory	spon ding Auth or	
2192.	1.Muhammad Rizwan Haleeemi 2.Dr. Ali Shan Shah	Democratization in Pakistan: An Analysis of Governance during PTI's Government (2018-2022	<i>Pakistan Social Sciences Review</i>	2024, Vol. 8, No. 3, 665-677		Y	2 nd and Corre spond ing	
2193.	Ifra Saeed, Dr. ShahzadMunawar Ch. Dr. Anwar Ali, Dr. Muhammad Naveed Akhtar, Dr. Bilal Bin Liaqat	Denuclearizatio n Efforts in North Korea Under Kim- Jong Un: A Critical Analysis	Remittances Review, ISSN: 2059-6588(Print), ISSN 2059-6596 (Online),	Volume: 9, No: S 2,pp. 768-793, May, 2024		‘X’ Categ ory	3 rd Autho r	
2194.	1.Dr.Muhammad Rizwan 2.Dr Ali Shan Shah3.Wajeeha Begum (Corresponding author)4.Khalid Saeed5.Muhamma d Rizwan Haleemi6.Syed Muhammad Ahtisham ul Hassan	DE- RADICALIZA TION IN PAKISTAN:CO MPARITIVE STUDY OF REHABILITAT ION PROGRAM IN SAUDI- ARABIA, SINGAPORE,	Remittances Review ISSN: 2059- 6588	July 2024, Volume: 9, No: S 3, pp.1445- 1470		X	2 nd autho r	

		YEMEN, INDONESIA AND SRI- LANKA						
2195.	MubeenShahbaz, Bilal Bin Liaqat, Anwar Ali	Effects of Climate Change on Natural Calamities in Pakistan: A Case Study of 2022 Flood	Global Regional Review, ISSN: 2616-955X, E- ISSN: 2663-7030	Volume: IX (2024), Issue III, Summer (September-2024) PP: 54-63		‘Y’ catego ry	3 rd Auth or	
2196.	Altaf Majeed, Nimra Zulfiqar, Sadia Naz	Europe and nationalism: lessons for the world	Pakistan Journal of Social Sciences 3(2): June 2024	(vol8)	197-209	Y		
2197.	Manahal, Dr.Anwar Ali, Umar Farooq Ashraf	EU-Russia Relations: Contentions and Cooperation 2015 – 2022	Journal of Asian Development Studies	Volume 13, Issue 2 (June 2024) /		‘Y’ Catego ry	2 nd Au thor	
2198.	Kiran Rasool, Tallat Yasmin, Dr. Anwar Ali, Muhammad Arslan, Dr. Ghulam Mustafa	From Partners to Strained Allies: A Comprehensive Historical Analysis of Pak- US Relations	Remittances Review ISSN:2059- 6596(Online)	Volume: 9, No: 1, pp. 1170-1179, 2024		‘X’ Catego ry	3 rd Auth or	
2199.	Ishaq, Z., Khan, A. B., Rafeeq, R.	From Shaheen-II to China-Pakistan Economic Corridor: Pakistan-China	<i>Journal of Asian Development Studies</i>	2024. 13(2), 1033-1044		Y	2 nd	

		Military and Economic Relations (2013-2023) At A Glance						
2200.	Raza, M. A., Khan, A. B., & Ashraf, M. J.	Green Energy Cooperation between Pakistan and Poland: Prospects and Challenges for Sustainable Development.	<i>Pakistan Languages and Humanities Review</i> ISSN 2708-6453	2024. 8(4), 506–524.		Y	2 nd	
2201.	Qurat-Ul-Ain, Bilal Bin Liaqat, Anwar Ali, Fatima Rasheed	Immigration Causes: Threats And Implication for Europe	Journal of Social & Organizational Matters (JSOM), ISSN 2959-2151, 2959-216X (Online),	Vol 3 No 3 (2024): 194-204 Published: 30-09-2024		‘Y’ category	3 rd Author	
2202.	Rafeeq, R., Khan, Dr., A. B.	Impact of Female Parliamentarians on the Legislative Process: A Case Study of the National Assembly of Pakistan (2013-2023)	<i>Migration Letters</i> ISSN 1741-8984	2024. 21 (S11), 1371–1382		X	2 nd	
2203.	Sadia Naz, Bushra Shaukat, Mehreen Irshad, Umme-e-Rubab	Impact of pandemics on international relations: a comprehensive	Remittances Review May, 2024	Volume: 9, No: S 2, ISSN : 2059-6588(Print) ISSN 2059-6596(Online	pp. 600-616	X		

		analysis of covid-19's global influence						
2204.	Rafeeq, R., & Khan, A. B.	Infusing Pragmatism to Exploring Rationale behind Social Subjugation and Political Marginalization of Women in Pakistan.	<i>Annals of Human and Social Sciences</i> ISSN 2790-6795	2024. 5(4), 525–533.		Y	2 nd	
2205.	Raza, M. A., & Khan, A. B.	Integrative Synergies between BRI of China and Agenda 2063 of African Union: Reviewing the Policy Documents and Analyzing the Program for Infrastructure Development in Africa-Priority Action Plan 2 (PIDA-PAP 2) (2021-2030)	<i>Journal of Development and Social Sciences</i> ISSN 2709-6254	2024, 5(2), 793–808		Y	2 nd	
2206.	Rafeeq, R., & Khan, A. B.	Modernizing the Body Politic of Orthodox Societies: An Insight into the	<i>Journal of Development and Social Sciences</i> ISSN 2709-6254	2024. 5(4), 514–520.		Y	2 nd	

		Construct and Impact of Gender-Specific Political Behaviors in Pakistan.						
2207.	1.Fahid TanveerMphil Scholar2.Dr. Ali Shan Shah 3.Ayesha Gulzar4.Syed Muhammad Ahtishamul Hassan Mphil Scholar (Corresponding author)5.Khalid SaeedPhD Scholar6.Muham md Rizwan HaleemiPhD Scholar7.Wajeeha BegumMphil Scholar	Political Instability and Brain Drain from Pakistan (2018–2023)	Remittances Review ISSN: 2059-6588	September 2024, Volume: 9, No: S 4, pp. 883-900		X	2 nd author	
2208.	Jamil, M.S. & Azhar, D.M.,	Politics of Reconciliation in Pakistan and Political Parties : An Analysis	<i>Migration Letters</i> , 1741-8992		X	2 nd		
2209.	Nazeer, S., Khan, A. B., & Ashraf,	Quest to Resolve the	<i>Pakistan Languages and Humanities Review</i> ISSN 2708-6453	2024. , 8(2), 904–914..		Y	2 nd	

	M. J.	Conundrum of Afghan Diaspora: Analyzing Problems and Exploring Viable Means of Repatriation of Afghan Refugees from Pakistan.						
2210.	Raza, M. A., Khan, Dr. A. B.	Role of China in Improving the Regional Connectivity and Economic Development in African Union through Program for Infrastructure Development in Africa-Priority Action Plan 1 (PIDA-PAP 1) (2012-2020).	<i>Remittances Review</i> ISSN 2059-6588	2024. 9(S3). 467-501		X	2 nd	
2211.	Sadia Naz, Bushra Shaukat, Farah Naz	Role of media on national issues during Musharraf's era:	Annals of Human and Social Sciences Apr-June 2024	P-ISSN: 2790-6795 ,Vol. 5, No. 2	564-572	Y		

		a critical review						
2212.	Raza, M. A., & Khan, A. B.	Socio-Economic Development through Regional Organizations: A Study of the Implementation of Agenda 2063 by the African Union (AU) in Collaboration with China	<i>Annals of Human and Social Sciences</i> ISSN 2790-6795	2024, 5(3), 355-371		Y	2 nd	
2213.	Najaf Ali, Jalal din, Kosur Ali, Muhammad Ismail, &Dr. Muhammad Azhar	The Root Causes of Syrian Crisis: Analyzing Internal and External factors	<i>Remittances Review</i> 2059-6596		X	Corresponding		
2214.	Rafeeq, R., & Khan, A. B..	Understanding the Gender-Sensitive Political and Legislative Behaviors in Pakistan through the Lens of Feminist Theory	<i>Pakistan Social Sciences Review</i> ISSN 2664-0422	2024, 8(4), 596–605		Y	2 nd	
2215.	Raza, A., & Khan, A. B..	Understanding the Impacts of China’s Belt and Road Initiative (BRI) over the Program for Infrastructure Development in	<i>Pakistan Social Sciences Review</i> ISSN: 2664-0422	2024, 8(2), 758-781		Y	2nd	

		Africa (PIDA) (2013-2023).						
2216.	Bano, N., Khan, A. B., & Ashraf, M. J.	Understanding the Integrative Model of the European Union While Exploring the Nexus between Populism and Democracy	<i>Annals of Human and Social Sciences</i> ISSN 2790-6795	(2024).. , 5(1), 697–705.		Y	2 nd	
2217.	1. Muhammad Rashad Ali 2. Dr. Ali Shan Shah Us- Turkiye Relations	Us- Turkiye Relations During Eradgan Era: Implications For Middle Eastern Security	<i>International Journal of Social Sciences Bulletin,</i>	<i>Volume 2, Issue 4, 2024, 1627-1633</i>		Y	2 nd and Corre spond ing	
2218.	Asma Hamayun1, Sana Zafar2, Fariha Anjum	Unveiling the Self: A Mystical Journey in Bulleh Shah’s ‘Bulleya Ki Jaana Main Kaun	Remittances Review	March 2024, Volume: 9, No: S 1,pp.328-341 ISSN : 2059-6588(Print) ISSN 2059-6596(Online)		X	1 st	
2219.	Dr. Basharat Ali, Dr. SairaSiddiqui, Ms. FoziaMumtaz, Dr. Nazia Malik, Dr. SanaEjaz, FarhanAmjad, Muhammad Asif	A Review Analysis of the Interdisciplinary Significance of Egyptology in Sociology and Humanities	Kurdish Studies ISSN:2051-4891 (online) 2051-4883 (print)	2024 Volume: 12 Issue: 5 Pages: 1802-1810	0.85	W categor y	5 th autho r	
2220.	Sana Ejaz, Fouzia	Factors affecting	Kurdish Studies	2024	0.85	W	1 st	

	Mumtaz, Muhammad Atif, Muhammad Idrees, Muhammad Roman	the Women Empowerment in Punjab Pakistan	ISSN: 2051-4883 (Print) ISSN 2051- 4891 (Online)	Volume:12 Issue :4 Pages: 1317-1323		Catago ry	autho r	
2221.	Dr Basharat Ali, Dr Sana Ijaz, ammara Asghar, Muhammad Touseef,	RACE AND RELIGION IN PAKISTANI SOCIETY: COMPLEXITIES AND EMERGING CHALLENGES FOR CULTURAL PLURALISM, HUMAN RIGHTS AND NATIONAL INTEGRATION	Remittances Review ISSN: 2059-6588 (Print) ISSN: 2059- 6596 (Online)	2024 Volume: 9 Issue :1 Pages :736-748		X Catego ry	2 nd Autho r	
2222.	Javed Hussain, Dr. Sana Ejaz , Barkat Ali , Dr. Jaffar Aman	ECONOMIC IMPACT OF COVID-19 ON THE TOURISM INDUSTRY OF GILGIT REGION	International Journal of contemporary issues in social sciences ISSN: 2959- 3808(print) 2959- 2461(online)	2024 Volume: 3 Issue:1 Pages: 468-475		Y Catago ry	2 nd Autho r	
2223.	Anam A, Nazia M, Zahira Batool, and M. Shabbir	Factors affecting malnutrition among under five years children in Punjab: A qualitative study	Rawal Medical Journal 0303-5212	2024 Vol. 49, Issue 1 P:115-118		Y	3 rd	
2224.	Shahzad, M and Zahira B.	Knowledge Work and Discontent:A comparative analysis of Work	Journal of Social Sciences Review (JSSR)	2024 Volume 4, Issue, 4, p: 77-86		Y	2 nd	

		Alienation by Age and Experience	2789-4428					
2225.	Muhammad S., Zahira Batool, Sajid M. Sajid	Organizational Factors Correlated with Work Alienation: A Systematic Review	Qlantic Journal of Social Sciences and Humanities 2791-0245	2024 Vol. 5 Issue, 2 P:18-27		Y	2 nd	
2226.	Hafiza Ayesha, and Zahira B	Poverty and Unemployment Effects on Female Criminal Behavior in Punjab Pakistan	International Journal of Contemporary Issues in Social Sciences P:2089-2094	2024 Vol: 3, No, 3 P:2089-2094	https://ijciss.org/index.php/ijciss/article/view/1379/1593	Y	2 nd	
2227.	Dr. Jahanzaib Sultan Aamir Inam Bhutta Dr. Muhammad Fayyaz Sheikh Dr. Ahsan Riaz Dr. Faisal Anees*	Agency cost and firm performance: The moderating effect of intellectual capital in Asian agri business industry	The Critical Review of Social Sciences Studies. Online ISSN: 3006-7170 Print ISSN: 3006-7162	Vol. 2 No. 2 (2024)		Y		
2228.	Hamad Raza Dr. Jahanzaib Sultan Dr. Arslan Najeeb khan Nimra Riaz Dr. Ahsan Riaz*	Beyond the Horizon: Emerging Trends and Challenges in Sustainable Business	The Critical Review of Social Sciences Studies. Online ISSN: 3006-7170	Vol. 2 No. 2 (2024):		Y		
2229.	Hamad Raza, Nimra Riaz, Faiz Rasool,*Ahsan Riaz,	Islamic Banking and Finance: A Systematic Literature	Journal of Accounting and Finance in Emerging	ISSN: 2519-0318 & ISSN (E): 2518-8488 Volume 10: Issue 2 June 2024		Y		

		Review And Bibliometric Analysis	Economies					
2230.	Nimra Riaz, Fatima Arshad, Muhammad Usman Zafar, Hamad Raza, Ahsan Riaz*	THE NEXUS OF SUSTAINABILITY AND FINANCIAL PERFORMANCE: A SYSTEMATIC LITERATURE REVIEW.	Remittances Review. ISSN: 2059-6588(Print) ISSN 2059-6596(Online)	April 2024, Volume: 9, No: 2, pp.1289-1312		X		
2231.	Hamad Raza,Dr. Muhammad Ishtiaq,Dr. Arslan Najeeb Khan, Nimra Riaz& Dr. Ahsan	Digital Transformation in Commercial Banking: Trends, Challenges, and Future Directions	Journal for Social Science Archives (JSSA)Online ISSN:3006-3310Print ISSN:3006-	3302Volume 2, Number 2, 2024, Pages 540–551		Y		
2232.	Sikandar Hayat, Ghazala Benish, Dr. Muhammad Rizwan Kamran, Anees Ul Hassan, Dr Naveed Hussain Shah, Dr. Jawad Karamat	The Role of Return Intervals in Determining Market Efficiency: Evidence from the Pakistan Stock Market	Remittances Review ISSN: 2059-6588(Print) ISSN 2059-6596(Online)	September 2024, Volume: 9, No: S 4, pp. 181-195		X		
2233.	Ghazala Benish, Dr.Naveed Hussain Shah,	Determinants Of Financial Performance In	Migration Letters ISSN: 1741-8984 (Print)	Volume:21, No:S11(2024), pp. 981-987		X		

	Dr.Muhmmad Rizwan Kamran, Sarfaraz Khan, Umer Ruqia Saadat, Nazim Ali	The Industrial Firm With The Moderating Role Of Size	ISSN: 1741-8992 (Online)					
2234.	Mushtaq, H., Imtiaz, A., & Ishtiaq, M.	The Dark Side of Globalization: Corporate Pitfall in Cross-National Mergers and Acquisitions	Global Management Sciences Review Print -ISSN: 2708-2474 Online ISSN: 2708-2482	2024, IX(I), 104-116.		Y		
2235.	Mushtaq, H., Qayyum, A., & Ishtiaq, M.	Transnational Turbulence: Volatility Spillover from the U.S. Political Uncertainty	Global Management Sciences Review Print -ISSN: 2708-2474 Online ISSN: 2708-2482	2024, IX(II), 99-111.		Y		
2236.	1. Adeel Abbas, Mohamad Islam, Syed Muhammad Ahmad Hassan Gillani	Analyzing the impact of brand image on customer loyalty	Journal of Management Info ISSN 2313-3376	2024, Volume 10, issue 4 -page Number 294-315		Y		
2237.	1. Asad Javed, Syed Muhammad Ahmad Hassan Gillani, Khadija Sarwar, Aiza	Impact of capital structure and firm's performance on market competitiveness	Journal of Management Info ISSN 2313-3376	2024, Volume 11, issue 3, page Number 295-308		Y		

	Khan	: Evidence from Pakistan textile sector						
2238.	2. Khadija Sarwar, Syed Muhammad Ahmad Hassan Gillani, Aiza Khan, Asad Javed	Assessing the influence of economic growth, natural resource utilization, and the energy relationship on environmental quality in five Asian nations	Journal of Management Info ISSN 2313-3376	2024, Volume 11, issue 3, page Number 324-337		Y		
2239.	Shoaib Khan, Faiq Mahmood, Sahar Younas	Impact of Financial Knowledge and Investor's Personality Traits on Investment Intention: Role of Attitude and Financial Self Efficacy	FWU Journal of Social Sciences,	Spring 2024, Vol. 18, No.1, 120-134		X		
2240.	Hamad Raza, Nimra Riaz, Faiz Rasool, Ahsan Riaz	Islamic Banking and Finance: A Systematic Literature Review and Bibliometric Analysis	Journal of Accounting and Finance in Emerging Economies (2518-8488)	2024, Vol. 10, No.2 & 73-86		Y		
2241.	Uzma Ashraf1,	Social and	International	Vol.4, Issue.2		Y		

	Dr. Asma Islam* Muhammad Usman Zafar3rd	Psychological problems faced by university students and their impact on their academic performance: A case study of the private university in Faisalabad	Journal of Islamic Studies & Culture	PP-520-530				
2242.	Nimra Riaza, Fatima Arshad a, MuhammadUsma n Zafarb, Hamad Razac, Ahsan Riazc*	The nexus of sustainability and financial performance: a systematic literature review	Remittances Review,	Vol. 9 Issue: 2, PP-1289-1312.		X		
2243.	Rizwan Kamran1 , Muhammad Sajid2 , Zafar Iqbal3 , Aisha Saleem4 , Muhammad Yaseen5 5 Muhammad Javid	A Review of Studies Regarding the Impact of Financial Technology (Fintech) and Financial Stability: The Mediating Role of Corporate Social Responsibility	Journal for Social Science Archives (JSSA) ISSN: 3006-3310	2024, vol. 2, (2) 419-436.		Y		
2244.	Dr. Muhmmad Rizwan Kamran , Aftab Hussain	Endogenous Determinants Influencing	Migration Letters ISSN: 1741-8992	2024, Vol. 21, (S9) 866-882		X		

	Tabasam , Fahad Saeed , Ms Sadaf Ambreen , Kinat Bibi , Ch Kamran Mahmood	Financial Performance of Manufacturing Industry: Evidence From Pakistan.						
2245.	Shahid, M. I., Baig, S. A., & Abrar, M	From Rivals to Champions: Evaluating Pakistan's Denim Industry Competitiveness through the GEM Model	Journal of Excellence in Management Sciences ISSN No: 2755-3787	2024 3(2), 81–98		Y		
2246.	Babar, J., Muhammad Abrar	Gauging the impact of M-marketing capabilities on perceived sales performance of organization	International Journal of Management Research and Emerging Sciences ISSN No: 2223-5604	2024 14(3), 44-69		Y		
2247.	Shahid, M. I., Baig, S. A., & Abrar, M	From Rivals to Champions: Evaluating Pakistan's Denim Industry Competitiveness through the GEM Model	Journal of Excellence in Management Sciences ISSN No: 2755-3787	2024 3(2), 81–98		Y		
2248.	Abid, S. ., Kiran, F., & Abrar, M	Antecedents and Consequences of Consumer Engagement	International Journal of Management Research and	2024 14(4), 127-146		Y		

		with Food Influencers from Social Media	Emerging Sciences ISSN No: 2223-5604					
2249.	Mehmood, A. , Kiran, F., & Abrar, M.	Role of Social Media Comments on Consumer Behavior: A Study of Food Industry	Pakistan Journal of Social Issues ISSN: 2219-2433	2024 Volume XV, 59-72		Y		
2250.	Amir Ikram , Farah Samreen , Farooq Rehan , Nadir Ali	Impact of Climate, Cynicism and Culture on Organizational Citizenship Behavior with Intervening Impact of Job Embeddedness	Bulletin of Business and Economics	2024, 13(1), 830-840		Y		
2251.	Fizah, Amir Ikram, Raheel Mumtaz, & Muhammad Farooq Rehan	Emerging Economies in Focus: Entrepreneurial Contributions to Economic Rankings in Developing Countries	Qualitative Research Review Letter,	December, 2024, Vol 2, No. 3, PP 78-121		Y		
2252.	Aiza Khan, Muhammad Farooq Rehan, Shoaib Masood	Systemic Risk in South Asian Banks: Key Determinants	Center for Management Science Research,	December, 2024, Vol 2, No. 3, PP 292-309		Y		

	Khan, & Raheel Mumtaz	and Insights						
2253.	Raheel Mumtaz, Muhammad Madni Khan & Saqib Warsi	Impact of Network Risk Management, Customer Collaboration, and Performance Optimization on Network Stability	Contemporary Issues in Social Sciences and Management	December, 2024, Vol 3, No. 4, PP 6-25		Y		
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