



# University of Central Punjab, Lahore

## Faculty of Sciences

### Journal Publications

Sr.	Journal View	HEC Cat.	Impact Factor	Year
1.	S. Zaib, N. Rana, I. Khan , <a href="#">Histone modifications and their role in epigenetics of cancer</a> , Current Medicinal Chemistry , vol: 29 , issue: 14 , pages: 2399-2411, HEC Category:W , IF: 4.530, publisher: Bentham Science Publishers, UAE, Collaboration: Foreign, UK , 2022	W	4.530	2022
2.	M. Hayat, S. Manzoor, N. Raza, A. Abbas, M. I. Khan, N. Elboughdiri, <b>K. Naseem</b> , A. Shanableh, A. M. M. Elbadry, S. A. Arni , <a href="#">Molecularly imprinted polymeric sorbent for targeted dispersive solid-phase microextraction of fipronil from milk samples</a> , ACS Omega, HEC Category:W , IF: 4.132, publisher: American Chemical Society , 2022	W	4.132	2022
3.	F. Dayan, N. Ahmed, <b>M. Rafiq</b> , A. Raza, M. O. Ahmad , <a href="#">A Dynamical study of a fuzzy epidemic model of mosquito-borne disease</a> , Computers in Biology and Medicine , vol: 148, HEC Category:W , IF: 6.698, publisher: Elsevier, UK, Collaboration: Local, University of Lahore , 2022	W	6.698	2022
4.	F. Dayan, N. Ahmed, <b>M. Rafiq</b> , M. S. Iqbal, I. Khan, A. Raza, M. O. Ahmad , <a href="#">A dynamically consistent approximation for an epidemic model with fuzzy parameters</a> , Expert Systems with Applications , vol: 210, HEC Category:W , IF: 8.665, publisher: Elsevier, UK, Collaboration: Local, University of Lahore , 2022	W	8.665	2022
5.	N. Ahmed, J. E. M.Díaz , N.Shahid, A.Raza, <b>M. Rafiq</b> , <a href="#">A dynamically consistent computational method to solve numerically a mathematical model of polio propagation with spatial diffusion</a> , Computer Methods and Programs in Biomedicine , vol: 218, HEC Category:W , IF: 5.428 , 2022	W	5.428	2022
6.	T. S. Shaikh, M. S. Iqbal , A.Akgul, M.A.Rehman, N. Ahmad, N. Shahid, <b>M. Rafiq**</b> , M. D. la Sen , <a href="#">A nonlinear structure of a chemical reaction model and numerical modeling with the new aspect of existence and uniqueness</a> , Mathematics , vol: 11 , issue: 1, HEC Category:W , IF: 2.592 , 2022	W	2.592	2022
7.	M. M. Alqarni, A. Nasir , M. A. Alyami, A. Raza, J. Awrejcewicz,, <b>M. Rafiq</b> , N. Ahmad, T. S. Sheikh, E. E .Mahmoud , <a href="#">A SEIR epidemic model of whooping cough-like infections and its dynamically consistent</a>	W	2.121	2022

	<a href="#">approximation</a> , Complexity , vol: 2022, HEC Category:W , IF: 2.121, publisher: Hindawi, Egypt, Collaboration: Foreign, KSA , 2022			
8.	<b>M. Naveed</b> , U. Ali , M. I. Karobari , N. Ahmed, R. N. Mohamed, S. S. Abullais, M. A. Kader, A. Marya , P. Messina , G. A. Scardina , <a href="#">A vaccine construction against covid-19-associated mucormycosis contrived with immunoinformatics-based scavenging of potential mucoralean epitopes</a> , Vaccines , vol: 10 , issue: 5, HEC Category:W , IF: 4.961 , 2022	W	4.961	2022
9.	D. Wu, <b>F. A. Khan</b> , L. Huo, F. Sun, C. Huang , <a href="#">Alternative splicing and microRNA: Epigenetic mystique in male reproduction</a> , RNA Biology , vol: 19 , issue: 1, HEC Category:W , IF: 4.652, publisher: Taylor and Francis , 2022	W	4.652	2022
10.	<b>Z. U. A. Zafar, S. Zaib</b> , M. T. Hussain, C. Tunc, S. Javeed , <a href="#">Analysis and numerical simulation of tuberculosis model using different fractional derivatives</a> , Chaos, Solitons and Fractals , vol: 160, HEC Category:W , IF: 9.922, publisher: Elsevier, UK, Collaboration: Foreign, Turkey , 2022	W	9.922	2022
11.	Z. Iqbal, J. E. Macías-Díaz, N. Ahmed, A. Javaid, <b>M. Rafiq</b> , A. Raza , <a href="#">Analytical and numerical boundedness of a model with memory effects for the spreading of infectious diseases</a> , Symmetry , vol: 14 , issue: 12, HEC Category:W , IF: 2.940, publisher: MDPI, Switzerland, Collaboration: Foreign, Estonia , 2022	W	2.940	2022
12.	<b>S. Zaib, F. Akram, S. T. Liaqat, M. Z. Altaf</b> , I. Khan, A. A. Dera, J. Uddin, A. Khan, A. Al-Harrasi , <a href="#">Bioinformatics approach for the construction of multiple epitope vaccine against omicron variant of SARS-COV-2</a> , Scientific Reports , vol: 12 , issue: 1 , pages: 19087, HEC Category:W , IF: 4.996, publisher: Springer Nature , 2022	W	4.996	2022
13.	F. A. Alrawajej, F. M. Allehiany, A. Raza, S. A. M. Abdelmohsen, T. N. Cheema, <b>M. Rafiq</b> , M. Mohsin , <a href="#">Bio-inspired computational methods for the polio virus epidemic model</a> , Computers, Materials and Continua , vol: 72 , issue: 2 , pages: 2357-2374, HEC Category:W , IF: 3.772 , 2022	W	3.772	2022
14.	A. Nasir, D. Baleanu, A. Raza, P. Anwar, N. Ahmad, <b>M. Rafiq</b> , T. N. Cheema , <a href="#">Bio-inspired modelling of disease through delayed strategies computers, materials &amp; continua</a> , Computers, Materials and Continua , vol: 73 , issue: 3 , pages: 5717-5734, HEC Category:W , IF: 3.860, publisher: Tech Science Press, US, Collaboration: Foreign, Turkey , 2022	W	3.860	2022
15.	F. M. Allehiany, F. Dayan, F. F. Al-Harbi, N. Althobaiti, N. Ahmad, <b>M. Rafiq</b> , A. Raza, M. Elamin , <a href="#">Bio-inspired numerical analysis of covid-19 with fuzzy parameters</a> , Computers, Materials and Continua , vol: 72 , issue: 2 , pages: 3213-3229, HEC Category:W , IF: 3.772 , 2022	W	3.772	2022
16.	T. Aziz, A. Sarwar, <b>M. Naveed</b> , M. Shahzad, S. Naz, H. Cui, L. Lin , <a href="#">Bio-Molecular Analysis of Selected food derived</a>	W	6.475	2022

	<a href="#">Lactiplantibacillus strains for CLA Production Reveals possibly a complex mechanism</a> , Food Research International, vol: 154, HEC Category:W, IF: 6.475, 2022			
17.	<b>B. Hussain**</b> , <a href="#">Capturing Wheat Phenotypes at the Genome Level</a> , Frontiers in Plant Science, vol: 13, pages: 1.23, HEC Category:W, IF: 6.627, publisher: Fronteirs Co., 2022	W	6.627	2022
18.	M. Arif, F. Tahir, U. Fatima, R. Begum, Z. H. Farooqi, M. Shahid, T. Ahmad, M. Faizan, <b>K. Naseem</b> , Z. Ali, <a href="#">Catalytic degradation of methyl orange using bimetallic nanoparticles loaded into poly(N-isopropylmethacrylamide) microgels</a> , Materials Today Communications, vol: 33, HEC Category:W, IF: 3.662, publisher: Elsevier, 2022	W	3.662	2022
19.	<b>S. Zaib</b> , A. Ibrar, <b>M. Ramay</b> , <b>S. Zahra</b> , T. Hökelek, J. Simpson, C. J. McAdam, N. S. Awwad, H. A. Ibrahim, A. Frontera, <a href="#">Centroid?centroid and hydrogen bond interactions as robust supramolecular units for crystal engineering: X-ray crystallographic, computational and urease inhibitory investigations of 1,2,4-triazolo[3,4-a]phthalazines</a> , CrystEngComm, vol: 24, issue: 29, pages: 5324-5339, HEC Category:W, IF: 3.756, publisher: Royal Society of Chemistry, UK, Collaboration: Local, Turkey, 2022	W	3.756	2022
20.	M. Z. Baber, N. Ahmed, M. W. Yasin, M.S.Iqbal, A. Akgul, M. B.Riaz, <b>M. Rafiq</b> , A. Raza, <a href="#">Comparative analysis of numerical with optical soliton solutions of stochastic Gross–Pitaevskii equation in dispersive media---(2023)</a> , Results in Physics, vol: 44, HEC Category:W, IF: 4.565, 2022	W	4.565	2022
21.	F. Dayan, <b>M.Rafiq</b> , N. Ahmed, D. Baleanu, A. Raza, M. O. Ahmad, M. Iqbal, <a href="#">Design and numerical analysis of fuzzy nonstandard computational methods for the solution of rumor based fuzzy epidemic model</a> , Physica A: Statistical Mechanics and its Applications, vol: 600, HEC Category:W, IF: 3.778, 2022	W	3.778	2022
22.	<b>M. Naveed</b> , <b>M. Sheraz</b> , <b>A. Amin</b> , <b>M. Waseem</b> , T. Aziz, A. A. Khan, M. Ghani, M. Ghani, M. Shahzad, M. W. Alruways, <a href="#">Designing a novel peptide-based multi-epitope vaccine to evoke a robust immune response against pathogenic multidrug-resistant providencia heimbachae</a> , Vaccines, vol: 10, issue: 8, pages: 1300, HEC Category:W, IF: 4.961, publisher: MDPI, Switzerland, Collaboration: Local, UCP, 2022	W	4.961	2022
23.	<b>M. Naveed</b> , <b>J. Hassan</b> , M. Ahmad, <b>N. Naeem</b> , <b>M. S. Mughal</b> , A. A. Rabaan, M. Aljeldah, B. R. A. Shammari, et al., <a href="#">Designing mRNA-and peptide-based vaccine construct against emerging multidrug-resistant citrobacter freundii: A computational-based subtractive proteomics approach</a> , Medicina, vol: 58, issue: 10, HEC Category:W, IF: 2.840, publisher: MDPI, Switzerland, Collaboration: Foreign, KSA, 2022	W	2.840	2022
24.	M. Y. Ali, <b>Sumera Zaib</b> , Susoma Jannat, Imtiaz Khan, <a href="#">Discovery of potent and selective dual cholinesterases and</a>	W	5.307	2022

	<a href="#">β-secretase inhibitors in pomegranate as a treatment for alzheimer's disease</a> , Bioorganic Chemistry , vol: 129 , pages: 106137, HEC Category:W , IF: 5.307, publisher: Elsevier , 2022			
25.	<b>M. A. Shabbir, M. Naveed</b> , M. F. Asif , A. Shahid, <b>N. U. Ain, S. Mahmood</b> , U. Laila, <b>M. J. Iftikhar</b> , <a href="#">Dissemination of water-mediated infections due to torrential rainfalls leading to havoc floods: A dreadful curve for Pakistan</a> , Prehospital and disaster medicine , pages: 1-2, HEC Category:W , IF: 2.860, publisher: Cambridge University, UK, Collaboration: Local, Faisalabad , 2022	W	2.860	2022
26.	A.Raza, J.Awrejcewicz , <b>M. Rafiq</b> , N. Ahmed , M. S. Ehsan , M. Mohsin , <a href="#">Dynamical analysis and design of computational methods for nonlinear stochastic leprosy epidemic model</a> , Alexandria Engineering Journal , vol: 61 , issue: 10 , pages: 8097-8111, HEC Category:W , IF: 3.732 , 2022	W	3.732	2022
27.	A. Raza, <b>M. Rafiq</b> , J. Awrejcewicz, N. Ahmed , M. Mohsin , <a href="#">Dynamical analysis of coronavirus disease with crowding effect, and vaccination: A study of third strain</a> , Nonlinear Dynamics , vol: 107, HEC Category:W , IF: 5.022 , 2022	W	5.022	2022
28.	A.Raza, Y. Ming Chu , M.Y. Bajuri , A. Ahmadian , N.Ahmad, <b>M. Rafiq</b> , S.Salahshouri , <a href="#">Dynamical and nonstandard computational analysis of heroin epidemic model</a> , Results in Physics , vol: 34, HEC Category:W , IF: 4.476, publisher: Elsevier, UK, Collaboration: Foreign, China , 2022	W	4.476	2022
29.	<b>A. Shaukat**</b> , M. Nadeem, M. Modassar Ranjha, T. F. Teferrac , L. Rukh, <b>W. Sultan</b> , <a href="#">Effect of ripening and in vitro digestion on free amino acids and Angiotensin I converting enzyme inhibitory (ACE-I) potential of cow and Buffalo milk cheddar cheeses</a> , International Journal of Food Properties , vol: 25 , issue: 1 , pages: 948-959, HEC Category:W , IF: 2.727, publisher: International Journal of Food Properties , 2022	W	2.727	2022
30.	A. Hamid , <b>A. Zafar</b> , I. Liaqat, M. S. Afzal, L. Peng, M. K. Rauf, I. ul Haq, A. ur-Rehman, S. Alia, M. N. Aftab , <a href="#">Effective utilization of magnetic nano-coupled cloned β-xylanase in saccharification process</a> , RSC Advances , vol: 12 , issue: 11 , pages: 6463-6475, HEC Category:W , IF: 3.361 , 2022	W	3.361	2022
31.	Y. D. Luo, M. Chen, R Tang, <b>M Azam</b> , S Chen, Z Zheng, Z. Su, P. Fan , H. Ma, G. Liang , <a href="#">Energy band alignment for Cd-free antimony triselenide substrate structured solar cells by Co-sputtering ZnSnO buffer layer</a> , Solar Energy materials and Solar cells , vol: 240 , pages: 9, HEC Category:W , IF: 7.267, publisher: Elsevier , 2022	W	7.267	2022
32.	Q. Dong, W. Yang, C. Zhang, Y. Ma, <b>M. Naveed</b> , U. Ali, S. I. Makhdoom, A. A. Nadeem, A. A. Khan , <a href="#">Enhancing bread quality and shelf life via glucose oxidase immobilized on</a>	W	3.880	2022

	<a href="#">zinc oxide nanoparticles—a sustainable approach towards food safety</a> , Sustainability , vol: 14 , issue: 21, HEC Category:W , IF: 3.880, publisher: MDPI, Switzerland, Collaboration: Foreign, China , 2022			
33.	<b>A. Zafar</b> , A. Hamid, L. Peng, Y. Wang, M. N. Aftab , <a href="#">Enzymatic hydrolysis of lignocellulosic biomass using a novel, thermotolerant recombinant xylosidase enzyme from Clostridium clariflavum: a potential addition for biofuel industry</a> , RSC Advances , vol: 12 , pages: 14917-14931, HEC Category:W , IF: 4.036 , 2022	W	4.036	2022
34.	R. Qadir, F. Anwer, <b>K. Naseem</b> , M. H. Tahir, H. Alhumade , <a href="#">Enzyme assisted extraction of phenolics from Capparis spinose fruit: Modeling and optimization of the process by RSM and ANN</a> , ACS Omega , vol: 7 , issue: 37, HEC Category:W , IF: 4.133, publisher: American Chemical Society, US, Collaboration: Local, University of Sargodha , 2022	W	4.133	2022
35.	E. Nichols , J. D. Steinmetz, <b>M. Naveed</b> , Et al. , <a href="#">Estimation of the global prevalence of dementia in 2019 and forecasted prevalence in 2050: an analysis for the Global Burden of Disease Study 2019</a> , Lancet Public Health , vol: 7 , issue: 105, HEC Category:W , IF: 21.648 , 2022	W	21.648	2022
36.	L. Zhu, W. Hu, <b>A. Murtaza</b> , A. Iqbal, J. Li, J. Zhang, J. Li, M. Kong, X. Xu, S. Pan , <a href="#">Eugenol treatment delays the flesh browning of fresh-cut water chestnut (Eleocharis tuberosa) through regulating the metabolisms of phenolics and reactive oxygen species.</a> , Food Chemistry X , vol: 14 , issue: X , pages: 11, HEC Category:W , IF: 5.182, publisher: Elsevier, UK, Collaboration: Foreign, China , 2022	W	5.182	2022
37.	<b>N. Ahmed</b> , <b>M. Khan</b> , <b>W. Saleem</b> , M. I. Karobari, R. N. Mohamed, A. Heboyan, A. A. Rabaan, A. Al Mutair , S. Alhumaid, S. A. Alsadiq , <a href="#">Evaluation of bi-lateral co-infections and antibiotic resistance rates among covid-19 patients</a> , Antibiotics , vol: 11 , issue: 2 , pages: 276, HEC Category:W , IF: 5.222, publisher: MDPI , 2022	W	5.222	2022
38.	A. Rizvi, M. U. Saeed, A. Nadeem, A. Yaqoob, A. A. Rabaan, M. A. Bakhrebah, A. A. Mutair, <b>M. Naveed</b> , <a href="#">Evaluation of bi-lateral co-infections and antibiotic resistance rates among covid-19 patients in Lahore, Pakistan.</a> , Medicinia , vol: 58 , issue: 7, HEC Category:W , IF: 2.940, publisher: MDPI, Switzerland, Collaboration: Foreign, KSA , 2022	W	2.940	2022
39.	<b>M. Naveed</b> , <b>M. S. Mughal</b> , <b>K. Jabeen</b> , T. Aziz, S. Naz, N. Nazir, M. Shahzad, M. Alharbi, A. Alshammari, S. S. Sadhu , <a href="#">Evaluation of the whole proteome to design a novel mRNA-based vaccine against multidrug-resistant Serratia marcescens</a> , Frontiers in Microbiology , vol: 13, HEC Category:W , IF: 6.064, publisher: Frontiers, Switzerland, Collaboration: Local, University of Malakand, Chakdara , 2022	W	6.064	2022

40.	A. Raza, E. E. Mahmoud, A. M. Al-Bugami, D. Baleanu, <b>M. Rafiq</b> , M. Mohsin, M. A. Nuwairan , <a href="#">Examination of pine wilt epidemic model through efficient algorithm</a> , Computers, Materials and Continua , vol: 71 , issue: 3 , pages: 5293-5310, HEC Category:W , IF: 3.772 , 2022	W	3.772	2022
41.	<b>M. Naveed</b> , <b>A. R. Yaseen</b> , H. Khalid, <b>U. Ali</b> , A. A. Rabaan, M. Garout, Et al. , <a href="#">Execution and design of an anti HPIV-1 vaccine with multiple epitopes triggering innate and adaptive immune responses: An immunoinformatic approach</a> , Vaccines , vol: 10 , issue: 6 , pages: 869, HEC Category:W , IF: 4.422 , 2022	W	4.422	2022
42.	M. Farooq , F. Usman, <b>S. Zaib</b> , H. S. Shah, Q. A. Jamil, F. A. Sheikh , A. Khan , S. Rabea , S. A. A. Hagraas , G. E. Batiha , <a href="#">Fabrication and evaluation of voriconazole loaded transethosomal gel for enhanced antifungal and antileishmanial activity</a> , Molecules , vol: 27 , issue: 10 , pages: 3347, HEC Category:W , IF: 4.927, publisher: MDPI, Switzerland, Collaboration: Local, Bahauddin Zakariya University , 2022	W	4.927	2022
43.	<b>Z. U. A. Zafar</b> , M.T. Hussain, M. Inc, D. Baleanu, B. Almohsen, A. S. Oke, S. Javeed , <a href="#">Fractional-order dynamics of human papillomavirus</a> , Results in Physics , vol: 34, HEC Category:W , IF: 4.476 , 2022	W	4.476	2022
44.	T. Aziz, <b>M. Naveed</b> , A. Sarwar, <b>S. I. Makhdoom</b> , <b>M. S. Mughal</b> , <b>U. Ali</b> , Z. Yang , M. Shahzad , <a href="#">Functional annotation of lactiplantibacillus plantarum 13-3, as a potential starter probiotic involved in food safety of the fermented products</a> , Molecules , vol: 27 , issue: 17 , pages: 5399, HEC Category:W , IF: 4.950, publisher: MDPI, Switzerland, Collaboration: Foreign, China , 2022	W	4.950	2022
45.	Q. Raza, A. Riaz, R. M. Atif, <b>B. Hussain**</b> , I. A. Rana, Z. Ali, H. Budak, I. A. Alaraidh , <a href="#">Genome-wide diversity of mads-box genes in bread wheat is associated with its rapid global adaptability</a> , Frontiers in Genetics , vol: 13 , pages: 15, HEC Category:W , IF: 4.772, publisher: Frontiers Media S.A. , 2022	W	4.772	2022
46.	K. S. Ikuta, L. R Swetschinski, G. R. Aguilar, F. Sharara, T. Mestrovic, A. P. Gray, <b>M. Naveed</b> , et. al. , <a href="#">Global mortality associated with 33 bacterial pathogens in 2019: a systematic analysis for the Global Burden of Disease Study 2019</a> , The Lancet, HEC Category:W , IF: 79.321 , 2022	W	79.321	2022
47.	M. L. Fernandez, S. Tariq, <b>K. Naseem</b> , A. Ahmad, S. Khan, U. Younas, M. S. Javed, W. S. Fan, R. Luque, S. Ali , <a href="#">Graphene based composite membranes for environmental toxicology remediation, critical approach towards environmental management</a> , Chemosphere , vol: 307 , pages: 136034, HEC Category:W , IF: 8.943, publisher: Elsevier, UK, Collaboration: Foreign, Spain , 2022	W	8.943	2022
48.	<b>M. Naveed</b> , <b>B. Bukhari</b> , T. Aziz , <b>S. Zaib</b> , M. A. Mansoor , A. A. Khan, M. Shahzad, A. S. Dablood, M. W. Alruways,	W	4.927	2022

	A. A. Almalki , <a href="#">Green synthesis of silver nanoparticles using the plant extract of acer oblongifolium and study of its antibacterial and antiproliferative activity via mathematical approaches</a> , Molecules , vol: 27 , issue: 13 , pages: 4226, HEC Category:W , IF: 4.927, publisher: MDPI, Switzerland, Collaboration: Local, Haripur , 2022			
49.	<b>A. Zafar, Z. U. Rahman, H. Mubeen</b> , J. Makhdoom, J. Tariq, Mahjabeen, Z. Ali, A. Hamid, E. Shafiquea, M. N. Aftab , <a href="#">Heterologous expression, molecular studies and biochemical characterization of a novel alkaline esterase gene from Bacillus thuringiensis for detergent industry</a> , RSC Advances , vol: 12 , pages: 34482-34495, HEC Category:W , IF: 4.036 , 2022	W	4.036	2022
50.	Z. Xuan , W. Hu, J. Li, A. Iqbal , <b>A. Murtaza**</b> , X. Xu, S. Pan , <a href="#">High-pressure carbon dioxide treatment and vacuum packaging alleviate the yellowing of peeled Chinese water chestnut (Eleocharis tuberosa).</a> , Food packaging & shelf life , vol: 34 , issue: 100927 , pages: 1-8, HEC Category:W , IF: 8.740, publisher: Elsevier, Netherland, Collaboration: Foreign, China , 2022	W	8.740	2022
51.	<b>A. Saleem, M. Afzal, M. Naveed</b> , et. al. , <a href="#">HPLC, FTIR and GC-MS analyses of thymus vulgaris phytochemicals executing in vitro and in vivo biological activities and effects on COX-1, COX-2 and gastric cancer genes computationally</a> , Molecules , vol: 27 , issue: 23 , pages: 8712, HEC Category:W , IF: 4.927, publisher: MDPI , 2022	W	4.927	2022
52.	<b>M. Naveed, S. I. Makhdoom, U. Ali*</b> , <b>K. Jabeen</b> , T. Aziz, M. Shahzad, M. Alharbi, A. Alshammari , <a href="#">Immunoinformatics approach to design multi-epitope-based vaccine against machupo virus taking viral nucleocapsid as a potential candidate</a> , Vaccines , vol: 10 , issue: 10, HEC Category:W , IF: 4.960, publisher: MDPI, Switzerland, Collaboration: Local, UCP , 2022	W	4.960	2022
53.	T. Riaz, <b>A. Masoom, U. Y. Virk</b> , <b>M. Raza</b> , F. R. Shakoori , <a href="#">Impacts of Metarhizium anisopliae on mortality, energy reserves, and carbohydrase of Trogoderma granarium</a> , Journal of Stored Products Research , vol: 99, HEC Category:W , IF: 2.831, publisher: elsvier , 2022	W	2.831	2022
54.	<b>A. Amin, M. Naveed, A. Sarwar*</b> , <b>S. Rasheed</b> , H. G. M. Saleem, Z. Latif, A. Bechthold , <a href="#">In vitro and in silico studies reveal bacillus cereus AA-18 as a potential candidate for bioremediation of mercury-contaminated wastewater</a> , Frontiers in Microbiology , vol: 13 , pages: 847806, HEC Category:W , IF: 5.640 , 2022	W	5.640	2022
55.	M. Y. Ali , <b>S. Zaib</b> , S. Jannat, I. Khan, M. M. Rahman, S. K. Park, M. S. Chang , <a href="#">Inhibition of aldose reductase by ginsenoside derivatives via a specific structure activity relationship with kinetics mechanism and molecular docking study</a> , Molecules , vol: 27 , issue: 7 , pages: 2134, HEC	W	4.927	2022

	Category:W , IF: 4.927, publisher: MDPI, Switzerland, Collaboration: Foreign, Canada , 2022			
56.	I. Ashfaq, N. Sheikh, <b>N. Fatima**</b> , A.Tayyeb , <a href="#">Inhibition of anti-inflammatory pathway through suppressors of cytokine signalling (Socs2/Socs3) in the initiation of hepatocellular carcinoma</a> , Saudi Journal of Biological Sciences , vol: 29, HEC Category:W , IF: 4.052 , 2022	W	4.052	2022
57.	S. Bashir, M. S. Awan, <b>M. A. Farrukh**</b> , R. Naidu, S. A. Khan, N. Rafique, S. Ali, I. Hayat, I. Hussain, M. Zubair , <a href="#">In-vivo (albino mice) and in-vitro assimilation and toxicity of zinc oxide nanoparticles in food materials</a> , International Journal of Nanomedicine , vol: 17 , pages: 4073-4085 , HEC Category:W , IF: 7.033, publisher: Dove Medical Press, New Zealand, Collaboration: Local, Cristian College , 2022	W	7.033	2022
58.	K. Ahmad, H. U. R. Shah, M. S. Khan, A. Iqbal, E. Potrich, L. S. Amaral, S. Resheed, H. Nawaz, A. Ayub, <b>K. Naseem</b> , <a href="#">Lead in drinking water: Adsorption method and role of zeolitic imidazolate frameworks for its remediation: A review</a> , Journal of Cleaner Production , vol: 368 , pages: 133010-133038, HEC Category:W , IF: 11.072, publisher: Elsevier, UK, Collaboration: Foreign, Poland , 2022	W	11.072	2022
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60.	A. Hassan, <b>M. Azam</b> , Y. H. Ahn, M. Zubair, Y. Cao, A. A. Khan , <a href="#">Low dark current and performance enhanced perovskite photodetector by graphene oxide as an interfacial layer</a> , Nanomaterials , vol: 12 , issue: 2 , pages: 190, HEC Category:W , IF: 5.076, publisher: MDPI , 2022	W	5.076	2022
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124.	<b>A. Nawaz, S. Zaib, A. Ahmad, T. Riaz</b> , <a href="#">Isolation and characterization of a flavonoid and a neolignan from silybum marianum: In-vitro cytotoxic evaluation</a> , ChemistrySelect , vol: 7 , issue: 15, HEC Category:X , IF: 2.307, publisher: Wiley, UK, Collaboration: Local, UCP , 202	X	2.307	2022
125.	<b>A. Nawaz, A. Arif, A. Jamal, M. N. Shahid, I. Nomani, F. S. Bahwerth</b> , <a href="#">Medicinal plants show remarkable antiproliferative potential in human cancer cell lines</a> , Bioscience, Biotechnology and Biochemistry , vol: 86 , issue: 3, HEC Category:X , IF: 2.043 , 2022	X	2.043	2022
126.	N. Ahmed, A. Raza, A. Akgull, Z. Iqbal, <b>M. Rafiq, M. O. Ahmad, F. Jarad</b> , <a href="#">New applications related to hepatitis C model</a> , AIMS Mathematics , vol: 7 , issue: 6 , pages: 11362-11381, HEC Category:X , IF: 1.427, publisher: AIMS Press, US, Collaboration: Foreign, Turkey , 2022	X	1.427	2022
127.	<b>M. Mazhar, M. Afzal, M. Naveed, et. al.</b> , <a href="#">Phytochemical profiling, biological activities and in silico virtual screening of bioactive compounds of Bioactive Compounds of Trichodesma Indicum (L) R. Br. Extracts</a> , ChemistrySelect , vol: 7 , issue: 46, HEC Category:X , IF: 2.307, publisher: Willey , 2022	X	2.307	2022
128.	<b>A. Zafar, S. Yousaf, M. N. Aftab, A. Hamid, J. I. Wattoo, A. Masood, H. Mubeen</b> , <a href="#">Purification and characterization of a novel pullulanase enzyme from bacillus thuringiensis for detergent industry</a> , Revista Mexicana de Ingeniera Qumica , vol: 21, HEC Category:X , IF: 2.148, publisher: Revista Mexicana , 2022	X	2.148	2022
129.	<b>S. Zaib, F. Akram, S. T. Liaqat, Z. Zaib, F. Mustafa, I. Khan</b> , <a href="#">Rational design of anti-epileptic peptides to inhibit MAPK/MKP-2 interactions for epilepsy therapeutics</a> , ChemistrySelect , vol: 7 , issue: 18, HEC Category:X , IF: 2.307, publisher: Wiley, UK, Collaboration: Local, UCP , 2022	X	2.307	2022
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131.	A. Raza, J. Awrejcewicz, <b>M. Rafiq, N. Ahmed, M. Mohsin</b> , <a href="#">Stochastic Analysis of Nonlinear Cancer Disease Model through Virotherapy and Computational Methods</a> , Mathematics , vol: 10 , issue: 3 , pages: 1-18, HEC Category:X , IF: 2.258 , 2022	X	2.258	2022
132.	N. Ahmed, M. A. Rehman, W. Adel, F. Jarad, M. Ahmad, <b>M. Rafiq, A. Akgull</b> , <a href="#">Structure preserving numerical analysis of reaction-diffusion models</a> , Journal of Function Spaces, HEC Category:X , IF: 1.807 , 2022	X	1.807	2022



133.	<b>M. Jaffer, M. S. Shahzad, Z. U. Rahman, A. Ali, S. Kalsoom, J. I. Bajwa, M. F. Sabar, A. Ali</b> , <a href="#">Genetic characterization of Wakhi people from Hunza valley of Pakistan by employing mitochondrial DNA control region</a> , Advancements in Life Sciences , vol: 9 , issue: 1 , pages: 13-17, HEC Category:X , IF: 0.000, publisher: Centre of Excellence in Molecular Biology , 2022	X	-	2022
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135.	<b>S. Tariq, A. A. Mubarak, I. A. A. Latif, M. Saleem, B. Kanwal</b> , <a href="#">Bandgap tuning with pressure for plausible piezoelectric and electronic applications of Lanthanum oxides LaMO<sub>3</sub> (M= Al, Ga, Ti and V)</a> , High Temperatures - High Pressures , vol: 51 , issue: 3, HEC Category:Y , IF: 0.571, publisher: Old City Publishing , 2022	Y	0.571	2022
136.	<b>M. F. Farooq, M. Qasim, A. Farooq, A. Younis, S. J. Butt, T. ur Rehman, G. Akhtar, A. Akram, J. I. Wattoo</b> , <a href="#">Impact of Urban green spaces on the health of people subjected to different aliments</a> , Pakistan Journal of Agricultural Sciences , vol: 59, HEC Category:Y , IF: 0.748 , 2022	Y	0.748	2022
137.	<b>M. F. Z. Chudhary, S. U. Rehman, M. Rubab Kazmi, S. Yousaf, M. Abdul Salam, F. Anjum, I. Noor</b> , <a href="#">Isolation and characterization of oil degrading bacteria from soil contaminated with used petroleum products</a> , Tobacco Regulatory Science , vol: 8 , issue: 1 , pages: 335-343, HEC Category:Y , IF: 1.531 , 2022	Y	1.531	2022
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139.	<b>D. Salman, S. Hussain, M. Riaz</b> , <a href="#">Phytochemistry, nutritional and medicinal value of olive</a> , Postepy Biologii Komórki , vol: 49 , issue: 1 , pages: 63-80, HEC Category:Y , IF: 0.068, publisher: Postepy Biologii Komórki , 2022	Y	0.068	2022
140.	<b>S. U. Rehman, S. Javaid, A. Tahir, A. Yousaf, S. Zulfiqar, M. A. Raza, F. Javed</b> , <a href="#">Spectrophotometric determination of formaldehyde concentration from the dyed Fabrics in Lahore, Pakistan</a> , Tobacco Regulatory Science , vol: 8 , issue: 1 , pages: 927-938, HEC Category:Y , IF: 1.531 , 2022	Y	1.531	2022
141.	<b>T. Aman, M. Ejaz, S. U. Rehmen, U. Malik , A. Tahir, M. A. Raza, S. Javaid, R. Bashir, A. Zalan, S. M. U. Hassan, A. Javed</b> , <a href="#">The assessment of knowledge, attitude, and practices (KAP) towards HIV/aids among the university students of twin metropolitan cities of Pakistan</a> , Tobacco Regulatory Science , vol: 8 , issue: 1 , pages: 1409-1424, HEC Category:Y , IF: 2.024 , 2022	Y	2.024	2022

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144.	K. Ahmed, H. U. R. Shah, M. Ahmed, M. M. Ahmed, <b>K. Naseem</b> , N. N. Riaz, A. Muhammad, A. Ayub, M. Ahmad, Z. Ahmad , <a href="#">Comparative study between two zeolitic imidazolate frameworks as adsorbents for removal of organoarsenic, As(III) and As(V) species from water</a> , Brazilian Journal of Analytical Chemistry , vol: 9 , issue: 36 , pages: 78-97, HEC Category:Y , IF: 0.000, publisher: Visao Fokka Communication Agency , 2022	Y	-	2022
145.	F. Mahmood, M. Ali, S. Mudassar, S. Islam, S. Ahmed, A. Mubeen, <b>A. Shaukat</b> , <a href="#">Comparative study of different heart rates in diabetic individuals of variable levels of disease severity and complications</a> , Pakistan Journal of Medical and Health Sciences , vol: 16 , issue: 3, HEC Category:Y , IF: 0.000 , 2022	Y	-	2022
146.	<b>H. R. Mir, H. Abid, M. Walait</b> , <a href="#">COVID-19: A Review on various therapeutic and nutritional approaches</a> , Pakistan Journal of Biochemistry and Biotechnology , vol: 3 , issue: Vol. 3 No. 1 (2022): Pakistan Journal of Biochemistry and Biotechnology , pages: 12-25, HEC Category:Y , IF: 0.000 , 2022	Y	-	2022
147.	I. Akber , S. Hussain, M. Ahmad , <b>M. Riaz</b> , M. A. Abid , S. M. Abbas , A.Javed, M. Hafeez , <a href="#">Doping of multi alkali and transition metals: Strengthening of electronic &amp; NLO properties of Al12N12 nanocages</a> , Pakistan Journal of Engineering and Applied Sciences , vol: 31 , pages: 1-11, HEC Category:Y , IF: 0.000, publisher: UET Lahore , 2022	Y	-	2022
148.	S. Mudassar, M. Ali, B. Habib, F. Bashir, S. Ahmed, A. Mubeen, <b>A. Shaukat</b> , <a href="#">Effect of smoking on differential white cell count and hemoglobin level in healthy smokers and controls: A comparative study</a> , Pakistan Journal of Medical and Health Sciences , vol: 16 , issue: 3, HEC Category:Y , IF: 0.000 , 2022	Y	-	2022
149.	S. Mudassar, M. Ali, F. Mahmood, F. Bashir, S. Ahmed, A. Mubeen, <b>A. Shaukat</b> , <a href="#">Ejection fraction and blood pressure variabilities in acute myocardial infarction patients and its relationship with serum electrolytes</a> , Pakistan Journal of Medical and Health Sciences , vol: 16 , issue: 3, HEC Category:Y , IF: 0.000 , 2022	Y	-	2022

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151.	M. B. Shahid, M. Nadeem, M. A. Murtaza, L. Rukh, <b>A. Shaukat</b> , M. N. Riaz , <a href="#">Impact of thermo-sonication on antioxidant potential in juices of selected citrus varieties</a> , Asian Journal of Agriculture and Biology , vol: 2022 , issue: 2, HEC Category:Y , IF: 0.000 , 2022	Y	-	2022
152.	H. Higazi, <b>F. A. Khan*</b> , S. Ali, S. Mohamed , N. S. Pandupuspitasari , A. S. Yousif , P. K. Kandakurti , <a href="#">Manipulation of epigenome: Opportunities and pitfalls in fighting autoimmune diseases</a> , International Journal of Biomedicine , vol: 12 , issue: 4, HEC Category:Y , IF: 0.000 , 2022	Y	-	2022
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154.	<b>M. R. Kazmi</b> , <a href="#">Occurance and relative risk factors of pediatric MRSA infections related among population of south Punjab, Multan, Pakistan</a> , Bioscience Research , vol: 19 , issue: 1, HEC Category:Y , IF: 0.000, publisher: Innovative Scientific Information & Services Network , 2022	Y	-	2022
155.	<b>M. Shafique</b> , <b>A. Masood</b> , <b>H. Mubeen</b> , N. Iqbal, F. deeba, R. Jabeen, M.Zain , <a href="#">Prevalence and in-silico analysis of cardiac enzyme and serum lipid enzyme in acute coronary syndrome patients</a> , Frontiers in Chemical Sciences , vol: 3 , issue: 1 , pages: 1-15, HEC Category:Y , IF: 0.000 , 2022	Y	-	2022
156.	N. Ahmed, J. E. Macías-Díaz, A. Raza, D. Baleanu, <b>M. Rafiq</b> , Z.Iqbal, M. O. Ahmad , <a href="#">Design, analysis and comparison of a nonstandard computational method for the solution of a general stochastic fractional epidemic model</a> , Axioms , vol: 11 , issue: 1, HEC Category:Y , IF: 0.000 , 2022	Y	-	2022
157.	<b>K. Aftab</b> , <b>H. R. Mir</b> , <b>M. Walait</b> , <b>M. Mehmood</b> , <a href="#">A critical correlation between arsenic toxicity and risk of type 2 diabetes</a> , International Journal of Medical Research and Health Sciences , vol: 11 , issue: 12 , pages: 1-11, publisher: Sumathi Publications , 2022	-	-	2022
158.	S. Aftab, A. Hamid, Mahjbeen, J. Tariq, Z. Ali, <b>A. Zafar</b> , <a href="#">Cost-effective production of bioethanol from low-quality apples by using Saccharomyces cerevisiae</a> , Biologia pakistan , vol: 67 , issue: II , pages: 119-124 , 2022	-	-	2022
159.	<b>M. Walait</b> , <b>H. R. Mir</b> , <b>Z. Hassan</b> , <b>J. I. Wattoo</b> , <a href="#">Cracking the metabolic engineering of bacteria: Review of methods</a>	-	-	2022

	<a href="#">involved in organic acid production</a> , Natural Resources for Human Health , vol: 2 , issue: 2 , pages: 121–128, publisher: Visagaa Publishing house , 2022			
160.	<b>M. Walait, K. Anees, H. R. Mir</b> , <a href="#">Edible biofilms and coatings; its characterization and advanced industrial applications</a> , Natural Resource For Human Health , vol: 3 , issue: 1 , 2022	-	-	2022
161.	A. Khalil, <b>A. Batool</b> , S. Arif , <a href="#">Healthy cattle microbiome and dysbiosis in diseased phenotypes</a> , Ruminants , vol: 2 , issue: 1 , pages: 134-156, publisher: MDPI , 2022	-	-	2022
162.	R. Hussain, R. Parveen, A. Murtaza, X. Huali, <b>M.S. Manzoor, S. Younas</b> , I. Fatima, M.N. Babur , <a href="#">Medicinal and health-promoting properties of bitter gourd (momordica charantia) and its extracts</a> , Journal of Pharmaceutical Research International , vol: 34 , issue: 37A , pages: 66-76 , 2022	-	-	2022
163.	<b>M. Walait, H. R. Mir, T. Noor, K. Rani, J. Aslam, K. Khalid , Z. Azhar, M. Saeed, K. Anwar, M. N. Akhtar</b> , <a href="#">Nano-biotechnology: Current applications and future scope</a> , International Journal of Medical Research & Health Sciences , vol: 11 , issue: 9, publisher: Sumathi Publications , 2022	-	-	2022
164.	<b>M. Waris , H. R. Mir, M. Walait</b> , <a href="#">Retrospective study to assess knowledge, attitude and recovery practices of non-hospitalized covid-19 survivors in Pakistan</a> , European Journal Of Pharmaceutical and Medical Research , vol: 9 , issue: 7 , pages: 552-564, publisher: Editor in Chief EJPMR , 2022	-	-	2022
165.	<b>M. Walait, H. R. Mir</b> , <a href="#">Scenarios for the scope of plant and algae in biofuel production</a> , European Journal of Pharmaceutical and Medical Research , 2022	-	-	2022
166.	H. A. Bhatti, R. Rubina, F. Rashid , <b>S. Zaib</b> , J. Iqbal, A. Hameed , <a href="#">Synthesis and antitumor activities of novel Mannich base derivatives derived from natural flavonoids</a> , Natural Resources for Human Health , vol: 2 , issue: 2 , pages: 100-106, publisher: Visagaa, Collaboration: Local, Karachi University , 2022	-	-	2022

**Author\*** means author exhibits dual affiliations, in which UCP is declared as primary institute.

**Author\*\*** means author exhibits dual affiliations, in which UCP is declared as secondary institute.

**Journal Name\*\*\***: Impact factor journal Not found in HEC database.

## ▪ Conference & Miscellaneous Publications

Sr.	Conference View	Year
1	M. A. Shabbir, M. Naveed , <a href="#">A bioinformatics approach of crispr-cas9 genome editing for spinal bulbar muscular atrophy</a> , Proc. of the 5th INTERNATIONAL CONFERENCE ON “ADVANCES IN BIOSCIENCES: BRIDGING THE GAP BETWEEN RESEARCH AND SUSTAINABLE DEVELOPMENT GOALS” , 202	2022
2	H. Mubeen, A. Masood , <a href="#">A novel mutation in PROM1 gene leading to retinitis pigmentosa in a consanguineous Pakistani family</a> , Proc. of the 4th International Conference on EMERGING TRENDS IN BIOINFORMATICS & BIOSCIENCES (ICETBB-2022) September 15-17, 2022 , 2022	2022
3	M. S. Mughal , M. Naveed , <a href="#">An approach to design novel in-silico mrna vaccine against multidrug resistance serratia marcescens using proteins that cause epigenetics modification.</a> , Proc. of the 4th INTERNATIONAL CONFERENCE ON EMERGING TRENDS IN BIOINFORMATICS & BIOSCIENCES , 2022	2022
4	S. I. Makhdoom, M. Naveed , <a href="#">An immunoinformatic approach to design multiple epitopes based anti hpiv-1 vaccine stimulating innate and adaptive immune response.</a> , Proc. of the 4th INTERNATIONAL CONFERENCE ON EMERGING TRENDS IN BIOINFORMATICS & BIOSCIENCES , 2022	2022
5	A. Aziz, K. Naseem , <a href="#">Biogenic preparation of silver nanoparticles and their potential for the reduction of toxic dyes</a> , Proc. of the International Conference on Research Advancement in Chemistry 2022 , 2022	2022
6	K. Naseem , <a href="#">Catalytic degradation of toxic dyes in presence of recyclable core @shell nanoparticles” has been accepted for oral presentation</a> , Proc. of the International Conference on Chemical Engineering ICCE, 2022 , 2022	2022
7	N. U. Ain, M. Naveed , <a href="#">Computational drug designing against asthma through drug-drug conjugates and monoclonal antibody conjugates</a> , Proc. of the 5th INTERNATIONAL CONFERENCE ON “ADVANCES IN BIOSCIENCES: BRIDGING THE GAP BETWEEN RESEARCH AND SUSTAINABLE DEVELOPMENT GOALS” , 2022	2022
8	A. Saleem, hira Mubeen, Ammara Masood , <a href="#">Computational insight into genetic basis of ventricular septal defect</a> , Proc. of the 4th International Conference on EMERGING TRENDS IN BIOINFORMATICS & BIOSCIENCES (ICETBB-2022) September 15-17, 2022 , 2022	2022
9	U. Ali, M. Naveed , <a href="#">Computational scavenging of potential mucoralean epitopes of contrive a vaccine candidate against mucormycosis</a> , Proc. of the 4th INTERNATIONAL CONFERENCE ON EMERGING TRENDS IN BIOINFORMATICS & BIOSCIENCES , 2022	2022
10	M. Nadeem, H. Khalil, O. Maryam, A. Shaukat, S. Yaqoob, K. A. Awan , <a href="#">Cowpea: A review of the thermodynamic properties and nutritional factors as well as benefits.</a> , Proc. of the International Food and Nutrition Conference, Swat Pakistan. , vol: 1 , pages: 108 , publisher: Institute of Food Science and Nutrition Gomal University, Dera Ismail Khan , 2022	2022
11	A. Nisar, M. Rafiq , <a href="#">Dynamically Consistent Numerical Model for Transmission Dynamics of Rubella Virus</a> , 1st National Conference of Emerging Horizons in Science and Technology(NCEHST-22) , 2022	2022
12	M. Rafiq , <a href="#">Dynamically consistent structure preserving numerical analysis for epidemic models</a> , Proc. of the International Conference on Mathematical Modeling and Scientific Computing for Industrial Research 07 - 08 November, 2022 , 2022 [Key-note Speaking]	2022
13	A. Shaukat, M. Nadeem, M. M. Ranjha, L. Rukh, W. Sultan, K. A. Awan , <a href="#">Effect of ripening and in vitro digestion on free amino acids and angiotensin I converting enzyme inhibitory (ace-I) potential of cow and buffalo milk cheddar cheeses.</a> , Proc. is the International Food and	2022

	Nutrition Conference, Swat Pakistan. , vol: 1 , pages: 133 , publisher: Institute of Food Science and Nutrition Gomal University, Dera Ismail Khan , 2022	
14	<b>H. Khalil, M. Nadeem, A. Shaukat, S. Yaqoob, K. A. Awan</b> , <a href="#">Fenugreek: A review on nutraceutical properties and applications in food</a> , Proc. of the International Food and Nutrition Conference, Swat Pakistan. , vol: 1 , pages: 88 , publisher: Institute of Food Science and Nutrition Gomal University, Dera Ismail Khan , 2022	2022
15	<b>W. Sultan, S. Yaqoob, K. A. Awan, A. Imtiaz, A. Shaukat</b> , <a href="#">Food Safety and One Health: Significance in Pakistan</a> , Proc. of the International Food and Nutrition Conference, Swat Pakistan. , vol: 1 , pages: 139 , publisher: Institute of Food Science and Nutrition Gomal University, Dera Ismail Khan , 2022	2022
16	S. I. Makhdoom, <b>M. Naveed</b> , <a href="#">Green synthesis of zero-valent iron nanoparticles from nigella sativa seed extract for heavy metal remediation in industrial wastewater</a> , Proc. of the 5th INTERNATIONAL CONFERENCE ON “ADVANCES IN BIOSCIENCES: BRIDGING THE GAP BETWEEN RESEARCH AND SUSTAINABLE DEVELOPMENT GOALS” , 2022	2022
17	<b>M. Naveed</b> , <a href="#">Immunoinformatics and reverse vaccinology-based novel vaccine designing against emerging, re-emerging, and multi-drug resistance pathogens inferring various infectious diseases</a> , Proc. of the 4th International conference on emerging trends in bioinformatics & biosciences , 2022	2022
18	<b>Zohaira Qayyum Khan, hira Mubeen, muneeza qayyum khan, Ammara Masood</b> , <a href="#">In-silico Analysis of Missense Mutations in Candidate genes of Late-Onset-Alzheimer’s Disease</a> , International conference on engineering and applied natural sciences , pages: 10-13 May , 2022	2022
19	S. Khan, <b>Dr. Muhammad Naveed</b> , <a href="#">Insilico analysis for treating fungal skin disease against mucoromycosis using phytochemicals extract from seriphedium kurramenses (gazlib)</a> , Proc. of the 4th INTERNATIONAL CONFERENCE ON EMERGING TRENDS IN BIOINFORMATICS & BIOSCIENCES , 2022	2022
20	<b>K. Naseem, A. Aziz, A. Amin</b> , <a href="#">Investigation of catalytic properties of biogenic stabilized silver nanoparticles for the degradation of dyes (Poster presentation)</a> , Proc. of the International conference on “Ionic Liquids for sustainable future (IL-SF 2022) organized by Center for research in Ionic liquids , 2022	2022
21	<b>Muhammad Riaz, Aamna Nazir, Muhammad Afzal, Muhammad Perviaz, Umar Ejaz</b> , <a href="#">LC-MS, GC-MS analysis and evaluation of antidiabetic, antioxidant, thrombolytic and haemolytic properties Carica papaya seeds extracts</a> , International Conference on Interdisciplinary Research Innovations , vol: 1 , issue: 1 , pages: 232 , publisher: University of Agriculture Faisalabad, Pakistan , 2022	2022
22	<b>S. Yaqoob, O. Maryam, K. A. Awan, W. Sultan, A. Imtiaz, A. Shaukat, A. Saleem</b> , <a href="#">Mango kernel: An innovative non-conventional starch</a> , Proc. of the International Food and Nutrition Conference, Swat Pakistan. , vol: 1 , pages: 154 , publisher: Institute of Food Science and Nutrition Gomal University, Dera Ismail Khan , 2022	2022
23	<b>M. Rafiq</b> , <a href="#">Mathematical modeling for transmission dynamics of infectious diseases, a covid-19 perspective</a> , Proc. of the ANSO-PAS-MAAP conference on Epidemic and Pandemic Preparedness, December, 5-7 , 2022	2022
24	<b>M. Rafiq</b> , <a href="#">Mathematical Modelling of Infectious Diseases Dynamics. A Covid-19 Perspective</a> , Recent Advances in Interdisciplinary Natural Sciences , 2022	2022
25	<b>M. Rafiq</b> , <a href="#">Mathematical models for analysis of covid-19 pandemic</a> , 19th International Bhurban Conference on Applied Sciences and Technology (IBCAST-2022) Aug 16-20, 2022 , 2022	2022
26	<b>I. Shahid</b> , <a href="#">Metabolic profiling of secondary metabolites produced by Bacillus spp. exhibiting plant growth promoting and broad-spectrum antimicrobial activities.</a> , Proc. of the 1st international conference on (online) recent approaches in plant sciences (RAPS 22) , 2022	2022

27	K. Jabeen, <b>M. Naveed</b> , <a href="#">Molecular and computational analysis of mthfr gene for the ischemic stroke in Pakistan</a> , Proc. of the 5th INTERNATIONAL CONFERENCE ON “ADVANCES IN BIOSCIENCES: BRIDGING THE GAP BETWEEN RESEARCH AND SUSTAINABLE DEVELOPMENT GOALS” , 202	2022
28	M. Waseem, <b>M. Naveed</b> , <a href="#">Molecular characterization of multi-drug resistance genes of staphylococcus species and computationally analyzing their effects on calliandra herrisii silver nanoparticles</a> , Proc. of the 4th INTERNATIONAL CONFERENCE ON EMERGING TRENDS IN BIOINFORMATICS & BIOSCIENCES , 2022	2022
29	<b>A. Ismail</b> , <a href="#">Muffin with Gluten Free flour and micronutrients help to combat prevailing deficiencies in children</a> , Proc. of the Transformation of food system for sustaible food futute , vol: 31 , issue: 1 , pages: 124 , publisher: The Pakistan Society of Food Scientists and Technologists , 2022	2022
30	W. Ahmad, <b>M.Rafiq</b> , <a href="#">Optimally analyzed Coronavirus mathematical model and the implementation of Computationally efficient numerical approach</a> , 1st National Conference of Emerging Horizons in Science and Technology(NCEHST-22) , 2022	2022
31	<b>I. Shahid</b> , <a href="#">Optimization of green synthesis and characterization of biogenic silver nanoparticles using pea peel waste for antibiotic resistance reversal.</a> , Proc. of the 4th International Conference on Emerging Trends in Bioinformatics and Biosciences. , 2022	2022
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