



University of Central Punjab, Lahore

Faculty of Life Sciences

Journal Publications

Sr.	Journal View	HEC Cat.	Impact Factor	Year
1	I. Khan, A. Ibrar, S. Zaib , Alkynoates as versatile and powerful chemical tools for the rapid assembly of diverse heterocycles under transition-metal catalysis: recent developments and challenges Topics in Current Chemistry , vol: 379, issue: 3, HEC Category: W , IF: 7.455, publisher: Springer	W	7.455	2021
2	R. Jia, S. Ge, S. Ren, Y. Luo, X. Lin, Sanabil** , H. Liu, D. Cai, Antibacterial mechanism of adzuki bean seed coat polyphenols and their potential application in preservation of fresh raw beef International Journal of Food Science and Technology, vol: 56, issue: 10, HEC Category: W , IF: 3.713	W	3.713	2021
3	T. Anwar, H. Qureshi, M. H. Mahnashi, F. Kabir, N. Parveen, D. Ahmed, U. Afzal, S. Batool , M. Awais, S. A. Alyami, H. A. Alhaider Bioherbicidal ability and weed management of allelopathic methyl esters from lantana camara Saudi Journal of Biological Sciences, vol: 28, issue: 8, pages: 4365-4374, HEC Category: W , IF: 4.219, publisher: Elsevier	W	4.219	2021
4	J. D. Steinmetz, R. R. A. Bourne, P. S. Briant, S. Flaxman, H. R. Taylor, J. B. Jonas, A. Abdoli, M. Naveed , A. Abualhasan , et al. Causes of blindness and vision impairment in 2020 and trends over 30 years, and prevalence of avoidable blindness in relation to VISION 2020: the Right to Sight: An analysis for the Global Burden of Disease Study The Lancet Global Health, vol: 9, issue: 2, pages: E144-E160, HEC Category: W , IF: 21.597	W	21.597	2021
5	A. Amin , M. Naveed , U. Munawar, A. Sarwar , Z. Latif, Characterization of mercury-resistant rhizobacteria for plant growth promotion: An in vitro and in silico approach Current Microbiology, vol: 78, issue: 11, pages: 3968-3979, HEC Category: W , IF: 2.188	W	2.188	2021
6	M. S. Afzal, A. Khan, U. U. R. Qureshi, S. Saleem, M. Naveed , M. Jabbar, S. Zahoor, H. Ahmed, Community-based assessment of knowledge, attitude, practices and risk factors regarding covid-19 among Pakistanis residents during a recent outbreak: A cross-sectional survey , Journal of Community Health, vol: 46, issue: 3, pages: 476-486, HEC Category: W , IF: 1.883	W	1.883	2021

7	M. Naveed , S. Tehreem, S. Arshad, S. A. Bukhari, M. A. Shabbir , R. Essa, N. Ali, S. Zaib, A. Khan, I. Khan, Design of a novel multiple epitope-based vaccine: An immunoinformatics approach to combat SARS-CoV-2 strains , Journal of Infection and Public Health, vol: 14, issue: 7, pages: 938–946, HEC Category: W, IF: 3.718	W	3.718	2021
8	J. Zhang, A. Iqbal, A. Murtaza** , X. Zhou, X. Xu, S. Pan, W. Hu, Effect of high pressure carbon dioxide on the browning inhibition of sugar-preserved orange peel Journal of CO2 Utilization, vol: 46, pages: 1-8, HEC Category: W, IF: 5.993, publisher: ELSEVIER	W	5.993	2021
9	A. Shaukat** , M. Nadeem, T. M. Qureshi, R. Kanwal, M. Sultan, O. B. Kashongwe, R. R. Shamshiri, M. A. Murtaza, Effect of in vitro digestion on the antioxidant and angiotensin-converting enzyme inhibitory potential of buffalo milk processed cheddar cheese , Foods, vol: 10, issue: 7, pages: 1661, HEC Category: W, IF: 4.350, publisher: MDPI	W	4.350	2021
10	A. Zafar , M. N. Aftab, A. Asif, A. Karadag, L. Peng, H. U. Celebioglu, M. S. Afzal, A. Hamid, I. Iqbal, Efficient biomass saccharification using a novel cellobiohydrolase from Clostridium clariflavum for utilization in biofuel industry , RSC Advances, vol: 11, issue: 16, pages: 9246-9261., HEC Category: W, IF: 3.119	W	3.119	2021
11	F. Usman, H. S. Shah, S. Zaib , S. Manee, J. Mudassir, A. Khan, M. Mahmoud, G. El-S. Batiha, I. Khan, Fabrication and biological assessment of antidiabetic a-Mangostin loaded nanosponges: In vitro, in vivo, and in silico studies Molecules, vol: 26, issue: 21, HEC Category: W, IF: 4.411, publisher: MDPI	W	4.411	2021
12	S. Zaib , R. Munir, M. T. Younas , N. Kausar, A. Ibrar, S. Aqsa, N. Shahid, T. T. Asif, H. O. Alsaab, I. Khan, Hybrid quinoline-thiosemicarbazone therapeutics as a new treatment opportunity for alzheimer disease - Synthesis, in vitro cholinesterase inhibitory potential and computational modeling analysis Molecules, vol: 26, issue: 21, HEC Category: W, IF: 4.411, publisher: MDPI	W	4.411	2021
13	M. N. Shahid, S. Shehnaz, M. S. Iqbal** , A. Shabbeer, A. Jamal, S. Khalid, In silicoplum pox virus silencing via host-retrieved miRNAs in peach plant Current Science, vol: 121, issue: 10, pages: 1316-1322, HEC Category: W, IF: 1.102	W	1.102	2021
14	A. Rehman, T. Qunyi, S. A. Korma, W. Han, A. Karim, H. R. Sharif, A. Ali, S. Yaqoob , S. A. Khalifa, I. Cacciotti Influence of diverse natural biopolymers on the physicochemical characteristics of borage seed oil-peppermint oil loaded W/O/W nanoemulsions entrapped with lycopene Nanotechnology, vol: 35, issue: 50, HEC Category: W, IF: 3.874, publisher: IOP	W	3.874	2021
15	Md Yousof Ali, Sumera Zaib , Susoma Jannat, Imtiaz Khan, Inhibition of angiotensin-I converting enzyme by ginsenosides: Structure-activity relationships and inhibitory mechanism , Journal of Agricultural and Food Chemistry, vol:	W	5.279	2021

	69, issue: 21, pages: 6073–6086, HEC Category: W , IF: 5.279, publisher: American Chemical Society			
16	M. A. Cork, N. J. Henry, S. Watson, A. J. Croneberger, M. Naveed , K. M. Steuben , et al Mapping subnational HIV mortality in six Latin American countries with incomplete vital registration systems BMC Medicine , vol: 19, issue: 4, pages: 307–323 , HEC Category: W , IF: 8.775	W	8.775	2021
17	R. Munir, M. Z. U. Rehman , S. Murtaza , S. Zaib , N. Javid , S. J. Awan , K. Iftikhar, M. M. Athar, I. Khan, Microwave-assisted synthesis of (piperidin-1-yl)quinolin-3-yl)methylene)hydrazine carbothioamides as potent inhibitors of cholinesterases: A biochemical and in silico approach , Molecules , vol: 26, issue: 3, pages: 656, HEC Category: W , IF: 3.267, publisher: MDPI	W	3.267	2021
18	I. Shahid* , J. Han, D. Hardie, D. N. Baig, K. A. Malik, C. H. Borchers, Profiling of antimicrobial metabolites of plant growth promoting pseudomonas spp. isolated from different plant hosts. 3 Biotech***, vol: 11, issue: 48, pages: 1-14, HEC Category: W, IF: 1.798, publisher: Springer	W	1.798	2021
19	L. Zhao, A. Mehmood, D. Yuan, M. Usman, M. A. Murtaza, S. Yaqoob , C. Wang, Protective mechanism of edible food plants against alcoholic liver disease with special mention to polyphenolic compounds Nutrients, vol: 13, issue: 5, pages: 1612, HEC Category: W, IF: 4.546, publisher: MDPI	W	4.546	2021
20	A. E. Micah, I. E. Cogswell, B. Cunningham, S. Ezoe, A. C. Harle, E. R. Maddison, D. McCracken,, M. Naveed , et al. Tracking development assistance for health and for COVID-19: a review of development assistance, government, out-of-pocket, and other private spending on health for 204 countries and territories, 1990–2050 , The Lancet, vol: 398, issue: 10308, pages: P1317-1343, HEC Category: W , IF: 79.321, publisher: Elsevier	W	79.321	2021
21	I. Khan, A. Khan , S. A. Halim, M. Khan, S. Zaib , B. E. M. Al-Yahyaeei , A. Al-Harrasi , A. Ibrar, Utilization of the common functional groups in bioactive molecules, Exploring dual inhibitory potential and computational analysis of keto esters against a-glucosidase and carbonic anhydrase-II enzymes International Journal of Biological Macromolecules , vol: 167 , pages: 233-244, HEC Category: W , IF: 5.162, publisher: Elsevier	W	5.162	2021
22	N. C. Galles, P. Y. Liu, R. L Updike, N. Fullman, J. Nguyen, S. Rolfe, A. N. Sbarra....., M. Naveed , S. S. Lim, et al. Measuring routine childhood vaccination coverage in 204 countries and territories, 1980–2019: a systematic analysis for the global burden of disease study 2020, Release 1 The Lancet, vol: 398, issue: 10308, pages: P503-521, HEC Category: W , IF: 79.321	W	79.321	2021
23	K. Jabeen, U. Malik, S. Mansoor** , S. Shahzad, S. Zahid, A. Javed Effect of oxidative stress and calcium deregulation on FAM26F (CALHM6) expression during hepatitis B virus	W	3.090	2021

	infection BMC Infectious Diseases, vol: 21, HEC Category: W , IF: 3.090, publisher: Springer Nature			
24	M. Naveed, B. Tanvir, X. Wang, M. Brtnicky, A. Ditta, J. Kucerik, Z. Subhani , M. Z. Nazir, M. Radziemska, Q. Saeed, A. Mustafa Co-composted biochar enhances growth, physiological and phytostabilization efficiency of Brassica napus and reduces associated health risks under Cr stress Frontiers in Plant Science, vol: 21, issue: 12, HEC Category: W , IF: 5.753, publisher: Frontiers Media S.A.	W	5.753	2021
25	M. A. Manzoor, I. A. Sabir, I. H. Shah, H. Wang, Z. Yu, F. Rasool, M. Z. Mazhar, S. Younas , M. Abdullah, Y. Cai Comprehensive comparative analysis of the gata transcription factors in four rosaceae species and phytohormonal response in Chinese pear (pyrus bretschneideri) fruit International Journal of Molecular Sciences, vol: 22, issue: 22, pages: 12492, HEC Category: W , IF: 5.923, publisher: MDPI	W	5.923	2021
26	A. Nawaz , A. Jamal, A. Arif , Z. Parveen In vitro cytotoxic potential of Solanum nigrum against human cancer cell lines Saudi Journal of Biological Sciences, vol: 28, issue: 8, pages: 4786-4792, HEC Category: W , IF: 4.219	W	4.219	2021
27	X. Liang, M. Chen , P. Bhattarai, S. Hameed , Y. Tang , Z. Dai Complementing cancer photodynamic therapy with ferroptosis through iron oxide loaded porphyrin-grafted lipid nanoparticles ACS Nano, HEC Category: W , IF: 15.881, publisher: ACS publications	W	15.881	2021
28	B. Bukhari , M. Naveed, S. I. Makhdoom , K. Jabeen , M. F. Asif, H. Batool , N. Ahmed, C. Y. Yean, A comparison between organic and inorganic nanoparticles: Prime nanoparticles for tumor curation Nano, HEC Category: X , IF: 1.556	X	1.556	2021
29	A. Masood , H. Mubeen , N. Iqbal, A. Bashir, Cloning and transcriptional analysis of RuBisCO hybrid promoter , Pakistan Journal of Botany, vol: 53, issue: 3, HEC Category: X , IF: 0.800, publisher: Pakistan Botanical Society	X	0.800	2021
30	M. N. Shahid, M. Amjad, U. Ashraf, A. Jamal, J. I. Watto , Computational analysis of catalase from different source organisms , Pakistan Journal of Botany, vol: 54, issue: 1, pages: 1-7, HEC Category: X , IF: 0.972	X	0.972	2021
31	M. A. U. Rehman, W. Sultan , M. Ajmal, M. Batool, S. A. Shah, N. Gulzar, R. Arshad Effect of probiotic strains on sensory attributes of buffalo milk cheddar cheese Journal of Food and Nutrition Research, vol: 9, issue: 9, pages: 492-498, HEC Category: X , IF: 1.333, publisher: Science and Education Publishing	X	1.333	2021
32	N.Kousar, T. Riaz , A. Feroz, A. R. Shakoori, F. R. Shakoori, Efficacy of diatomaceous earth and deltamethrin alone and in combinations on mortality and energy reserves of insecticide resistant strains of stored grain pest, trogoderma granarium Pakistan Journal of Zoology, vol: 53, issue: 6,	X	0.831	2021

	pages: 2183-2193, HEC Category: X , IF: 0.831, publisher: Zoological society of Pakistan			
33	M. Riaz, S. Nawaz, I. Ilyas, M. M. U. Rehman, R. Qadir, T. Mehmood, M. Afzal , N. A. Rehman, A. Ali Evaluation of antidiabetic, antioxidant, and cytotoxic potential of maize (zea mays l.) husk leaf extracts Cellular and Molecular Biology , vol: 67, issue: 1, pages: 165-170, HEC Category: X , IF: 1.270	X	1.270	2021
34	S. Zaib , I. Khan Green strategies for sustainable C–H bond functionalizations Current Organic Chemistry, HEC Category: X, IF: 2.180, publisher: Bentham Science	X	2.180	2021
35	S. Batool , M. J. Asad , M. Arshad , W. Ahmed, M. F. Sohail, S. W. Abbasi , S. Ahmad, R. S. Z. Saleem, M. S. Ahamed In silico validation, fabrication and evaluation of nano-liposomes of bistorta amplexicaulis extract for improved anticancer activity against hepatoma cell line (hepg2) Current Drug Delivery, HEC Category: X , IF: 2.565, publisher: Bentham Science Publisher	X	2.565	2021
36	A. Nawaz, T. Riaz, A. Ahmad , In-vitro evaluation of antiproliferative potential of various fractions of Silybum marianum using HeLa and HepG2 cell lines Pakistan Journal of Pharmaceutical Sciences, vol: 34, issue: 2 (Supp), pages: 755-760, HEC Category: X, IF: 0.562, publisher: Faculty of Pharmacy, University of Karachi	X	0.562	2021
37	M. Kashif, M. Afza, B. Zeshan , H. Javed, S. Batool, M. Mazha , Molecular and haematological analysis of dengue virus-3 among children in Lahore, Pakistan Jundishapur Journal of Microbiology, vol: 14, issue: 1, HEC Category: X, IF: 0.593	X	0.593	2021
38	T. Riaz , F. R. Shakoori, S. S. Ali, M. A. Saleem , Phosphine induced abnormalities in carbohydrate metabolism and macromolecular concentrations of trogoderma granarium everts over various exposure periods Pakistan Journal of Zoology, HEC Category: X , IF: 0.831, publisher: Zoological society of Pakistan	X	0.831	2021
39	A. Hamid , Z. Hussain , M. Tayyab , A. Zafar , M. A. Nawaz , S. Ali, A. U. Rehman, M. N. Aftab Production and characterization of a thermostable extracellular esterase from Aspergillus niger Revista Mexicana de Ingenieria Quimica, vol: 20, issue: 2, pages: 839-852, HEC Category: X , IF: 1.139	X	1.139	2021
40	M. Naveed , F. Nadeem, T. Mehmood, M. Bilal, Z. Anwar, F. Amjad, Protease—A versatile and ecofriendly biocatalyst with multi-industrial applications: an updated review Catalysis Letters, vol: 151, pages: 307-323, HEC Category: X, IF: 3.186	X	3.186	2021
41	M. M. Bacha , H. Nadeem , S. Zaib , S. Sarwar , A. Imran , S. U. Rahman , H. S. Ali , M. Arif, J. Iqbal, Rhodanine 3 acetamide derivatives as aldose and aldehyde reductase inhibitors to treat diabetic complications: synthesis, biological evaluation and molecular docking studies , BMC Chemistry, vol: 15, issue: 1, pages: 28, HEC Category: X , IF: 2.610, publisher: BMC	X	2.610	2021

42	A. M. Wahab, B. Zeshan , N. Ahmed, M. Afzal , M. Naveed , Short Communication: Molecular survey of campylobacter jejuni in broiler chicken farms in east coast of peninsular, Malaysia , Pakistan Journal of Zoology, vol: 53, issue: 3, pages: 1555-1558, HEC Category: X , IF: 0.831	X	0.831	2021
43	A. Arif , N. Rashid, M. Akhtar Removal of N-terminal methionine of human interferon a -2 b b y co- producing with Pyrococcus furiosus methionine aminopeptidase in Escherichia coli Biologia, vol: 76, pages: 1843-1848, HEC Category: X , IF: 0.811	X	0.811	2021
44	D. N. Iqbal, A. Nazir, U. H. Siddiqua, S. Ali, S. Muzaffar, Z. Subhani , M. Iqbal , H. Daud Hetero-functional azo reactive dyes applied on cellulosic fabric and dyeing conditions optimization to enhance the dyeing properties Journal of Engineered Fibers and Fabrics, vol: 16, pages: 1-12, HEC Category: X , IF: 1.573, publisher: SAGE	X	1.573	2021
45	M.S. Butt, U.Tariq, I. U. Haq , I. Naz, M. Rizwan , Neuroprotective effects of oleuropein: Recent developments and contemporary research Journal of Food Biochemistry , vol: 45, issue: 12, HEC Category: X , IF: 2.720, publisher: Wiley-Blackwell	X	2.720	2021
46	A. Amin , Z. Latif, A. Sarwar , B. Zeshan , M. A. Saleem Molecular characterization of mercury-resistant bacteria isolated from tannery waste-water Pakistan Journal of Zoology, vol: 53, issue: 1, pages: 33-39, HEC Category: X , IF: 0.000, publisher: ResearchersLinks, Ltd 35 Oxford Road, Burnley, Lancashire BB11 3BB United Kingdom	X	-	2021
47	M. Idrees , A. A. Khan, S. Yaqoob** , M. Ishaq , M. Hassan, , M. Nasir,, M. F. Iqbal, , Y. Fu, , Y. Li Comparative profiling of button mushroom, agaricus bisporus (agaricomycetes), possessing textural, antibacterial, elemental, and antioxidant properties in diverse collections from China , International Journal of Medicinal Mushrooms, vol: 23, issue: 5, pages: 79-90, HEC Category: Y , IF: 1.921, publisher: Begell digital library	Y	1.921	2021
48	S. Ghafoor , B. Zeshan , M. Khan , S. Kabir , Evaluation of 16S rRNA methyltransferase gene in aminoglycosides resistance Isolates of cancer patients Pakistan Journal of Pharmaceutical Sciences, vol: 34, issue: 5, pages: 1737-1741, HEC Category: Y , IF: 0.684, publisher: Faculty of Pharmacy, University of Karachi	Y	0.684	2021
49	M. Naveed , B. Bukhari , N. Afzal, H. Sadia, B. Meer, T. Riaz , U. Ali , N. Ahmed Geographical, molecular, and computational analysis of migraine-causing genes Journal of Computational Biophysics and Chemistry (Formerly known as Journal of Theoretical and Computational Chemistry), vol: 20, issue: 4, pages: 391–403, HEC Category: Y , IF: 0.848	Y	0.848	2021
50	N. Zahra , B. Zeshan , M. M. A. Qadri , M. Ishaq , M. Afzal , N. Ahmed , Phenotypic and genotypic evaluation of Antibiotic resistance of Acinetobacter baumannii bacteria isolated from	Y	0.747	2021

	surgical ICU patients in Pakistan Jundishapur Journal of Microbiology, vol: 14, issue: 4, HEC Category: Y , IF: 0.747, publisher: Kowsar Publishing Company			
51	A. Rizvi, N. Hussain, A. A. Anjum, N. Ahmed, A. Naeem, M. Khan , I. Altaf Effect of cell density on the biological titer and yield of 146S fraction of foot-and-mouth disease virus O in cell suspension Journal of Virological Methods , vol: 300, HEC Category: Y , IF: 2.014, publisher: Elsevier	Y	2.014	2021
52	S. Arshad* , A. Arif , N. Ahmad Serum hepcidin response as a marker of iron deficiency during second trimester of pregnancy: A multicenter cohort study in Lahore Pakistan Journal of Pharmaceutical Sciences, vol: 34, issue: 6, pages: .2347-2355, HEC Category: Y , IF: 0.650	Y	0.650	2021
53	M. Awais , J. I. Wattoo , R. Zafar , N. Khan , Computational analysis of non-synonymous single nucleotide polymorphism in UROD gene linked with familial Porphyria Cutanea Tarda Gene Reports , vol: 25, HEC Category: Y , IF: 0.000, publisher: Elsevier	Y	-	2021
54	M. Awais , M. Naveed , S. Mansoor , R. Zafar , R. Riaz , COVID-19: Immune perspective and current treatment strategies BioScientific Review, vol: 3, issue: 4, HEC Category: Y, IF: 0.000, publisher: UMT Journals	Y	-	2021
55	R. S. Aziz, U. Saeed, L. Ali, M. Arshad, R. Abbas, S. Mushtaq, A. Shahzad, A. Shaukat , Effect on lipid profile due to prolong Valproic acid intake Pakistan Journal of Medical and Health Sciences, vol: 15, issue: 7, HEC Category: Y , IF: 0.000	Y	-	2021
56	R. Yaqoob , A. Noureen, J. A. Ujjan, W. M. Achakzai, S. Saddozai, N. Saleem, T. A. Bhat, S. Jabeen , H. Mubeen , S. Raza, Functional importance and anti-tumor activities of Ribosome Inactivation Protein (RIPs) Annals of Romanian Society for Cell biology, vol: 25, issue: 4, pages: 18747-18763, HEC Category: Y , IF: 0.000, publisher: Association of Cell Biology Romania	Y	-	2021
57	I. Shahid* , J. Han, S. Hanoq, K. A. Malik, C. H. Borchers, S. Mehnaz Profiling of metabolites of Bacillus spp. and their application in sustainable plant growth promotion and biocontrol Frontiers in Sustainable Food Systems, HEC Category: Y, IF: 0.000, publisher: Frontiers	Y	-	2021
58	L. Rukh, M. Nadeem, T. Kausar, M. A.Murtaza, M. Luqman, M. B. Shahid, A. Shaukat , Studies on effect of addition of date pit powder and soy protein isolate on physicochemical properties of date bars Sarhad Journal of Agriculture, vol: 37, issue: 4, pages: 1134-1143, HEC Category: Y , IF: 0.000, publisher: Sarhad Journal of Agriculture	Y	-	2021
59	M. I. Ashraf, S. Rana, M. S. Akhtar, A. Afzal, J. Fatima, S. Ali, A. Shahzad, A. Shaukat , Thrombolytic efficacy of enoxaparin compared with unfractionated heparins in cardiac emergency , Pakistan Journal of Medical and Health Sciences, vol: 15, issue: 8, HEC Category: Y , IF: 0.000, publisher: Pakistan Journal Of Medical and Health Sciences	Y	-	2021

60	M. Arshad, U. Saeed, M. I. Ashraf, S. Ahmed, R. Abbas, S. Mushtaq, S. Ali, H. M. Makhdoom, A. Shahzad, A. Shaukat Viral origin of wheeze in under-five population in Pakistan Pakistan Journal of Medical and Health Sciences, vol: 15, issue: 7, pages: 1491, HEC Category: Y , IF: 0.000, publisher: Pakistan Journal Of Medical and Health Sciences	Y	-	2021
61	S. Arshad, A. Arif, N. Ahmad, J. I. Wattoo, Prevalence of anemia, iron deficiency during the second trimester of gestation in pregnant women: a comparative study of walled and new lahore city population Journal of Pharmaceutical Research International , vol: 33, issue: 53, pages: 310-318, HEC Category: Y , IF: 0.000	Y	-	2021
62	M. Yasir, B. Zeeshan, N. H. A. Daud, I. Shahid, H. Khalid, Characterization of bacteriocin and chitinase producing bacterial isolates and evaluation of antimicrobial activity against multiple pathogens SN Applied Sciences , vol: 755, issue: 3, HEC Category: Y , IF: 0.000, publisher: Springer	Y	-	2021
63	S. Arshad, A. Arif, R. Ahmed Hepatitis B, C, and HIV Infections among blood donors at several hospitals in Lahore, Pakistan Journal of Pharmaceutical Research International, HEC Category: Y , IF: 0.000	Y	-	2021
64	A. Afzal, B. Suhail, S. Mukhtar, J. Fatima, A. Shahzad, A. Shaukat Metabolic abnormalities in hypertensive patients and their risk factors Pakistan Journal of Medical and Health Sciences, vol: 15, issue: 7, pages: 1494, HEC Category: Y , IF: 0.000, publisher: Pakistan Journal Of Medical and Health Sciences	Y	-	2021
65	S. Zaib, M. A. Talib, S. Ahmad, A. Arif, F. Mustafa, M. Junaid , I. Khan Diabetes and its association with peripheral arterial disease Biomedical Journal of Scientific & Technical Research , vol: 37, issue: 5, pages: 2021, publisher: Meddocs International LLC	-	-	2021
66	A. Irshad, N. Sarwar, H. Sadia , M. Afzal, M. Abbas , S. Sharif , S. Kalsoom, In vitro identification of cacna1h in the 9th exon of childhood absence epilepsy (cae) patients using bioedit and clustalw2 BioScientific Review, vol: 3, issue: 2, pages: 54-65	-	-	2021
67	S. Zaib, M. Junaid , K. Mumtaz, N. M. Malik, S. I. Fatima, J. I. Wattoo, M. Javed , I. Khan, Ligand-based virtual screening for the inhibitors of monoamine oxidase B Biomedical Journal of Scientific & Technical Research , vol: 37, issue: 4, publisher: Meddocs International LLC	-	-	2021
68	Y. Fatima, M. A. Shabbir, N. U. Ain, S. I. Makhdoom, H. S.U. Rehman, M. Waseem, K. Jabeen, S. U. Laila, A. Shahid, M. Naveed, Pharmacophore based drug designing of col7a1; The causative gene of dystrophic epidermolysis bullosa BioScientific Review, vol: 3, issue: 2	-	-	2021
69	S. Zaib, Areeba, N. Rana, Z. Zaib, M. Afzal, I. Khan Psychosis and its association with autoimmune disorders: A review. Biomedical Journal of Scientific & Technical	-	-	2021

	Research , vol: 34, issue: 5, pages: 27167-27172, publisher: Meddocs International LLC			
70	S. Zaib, H. Aimen, U. Y. Virk, A. Ibrar, A. Gul, M. Naveed, I. Khan Structure-based virtual screening of human β-Glucuronidase inhibitors Biomedical Journal of Scientific & Technical Research, vol: 35, issue: 2	-	-	2021
71	M. Naveed, A. S. Mumtaz, M. A. Saleem, Role of pyrroloquinoline quinone in biocontrol together with induced systemic resistance: a novel resource trialed for rice disease International Journal of Agriculture and Biology, vol: 25, issue: 1, pages: 1-10	-	-	2021
72	L. Batool, A. Arif, R. Ahmad, K. Raza, M. S. Shahzad, Stem cells perspective in cure and management of diabetic retinopathy Pure and Applied Biology, vol: 10, issue: 4, pages: 1411-1426	-	-	2021
73	S. Mubeen, M. S. Butt, M. K. Sharif, M. Rizwan, S. Amin Hypoglycemic and hypolipidemic potential of turmeric and black cumin in rat model Pure and Applied Biology, vol: 11, issue: 1, pages: 116-128, publisher: Bolan Society for Pure and Applied Biology	-	-	2021
74	M. Raza, S. Batool Recent reports of plants as DNA protection agents Current Nutraceutical , vol: 2, issue: 2021, publisher: Bentham Science Publisher	-	-	2021
75	S. Arshad, A. Arif, Hepcidin, anemia, and liver diseases Biomedical Journal of Scientific & Technical Research , pages: 32050-32051	-	-	2021
76	A. Arif, N. Rashid, M. Akhtar Optimization of recombinant expression for in vivo transfiguration of insoluble to soluble protein Journal of Infection and Molecular Biology, vol: 6, issue: 2	-	-	2021
77	H. R. Mir, F. Chadhary, M. Walait, S. Afzal, Treatment modalities of cystic fibrosis through CRISPR/CAS9 Natural Resources for Human Health	-	-	2021

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	A. Saleem, A. Masood, H. Mubeen, Identification and analysis of genes involved in ventricular septal defect by using computational approach Proc. of the Fourth International Conference on Biosciences (ICBS), 2021	2021
2	M. B. Umair, M. A. saleem, A. Masood, H. Mubeen, Transgenerational epigenetics: Genome as a memory reservoir Proc. of the 8th International Conference on Biological and Computational Sciences, BICS	2021
3	M. Walait, H. R. Mir, J. Iqbal Covid-19: A review on various therapeutic and nutritional approaches Proc. of the 9th International Conference on Biological and Computational Sciences	2021
4	M. Aslam, M. Khan, Characterization of antibiotic resistant bacteria from pharmaceutical waste water Proc. of the CUST	2021
5	A. Shahid, M. Naveed, Computational analysis of gamt gene for mutational analysis in autism and role of heavy metals Proc. of the 4th International Conference on Biosciences	2021
6	M. Walait, H. R. Mir, Covid-19: A review on various therapeutic and nutritional approaches Proc. of the 9th International Conference on "Advances in Biological and Computational Sciences to Address emerging Issues in Life Sciences", pages: 26, publisher: CUST	2021
7	H. R. Mir, M. Walait, Critical correlation between arsenic toxicity and type 2 diabetes Proc. of the 9th International Conference on "Advances in Biological and Computational Sciences to Address emerging Issues in Life Sciences" , pages: 47, publisher: CUST	2021
8	M. Naveed, Design of a novel multiple epitope-based vaccine: An immunoinformatics approach to combat SARS-CoV-2 strains Proc. of the 4th International Conference on Biosciences	2021
9	A. Waseem, A. Masood, M. Shafique, Development of remedy for constipation from natural resource Proc. of the International Conference on Interdisciplinary Innovation and Invention in Biotechnology and Nanotechnology	2021
10	S. Hameed, Do lipid-based nanoparticles hold promise advancing the clinical translation of anticancer drug Proc. of the 5th One Day Symposium on Nanotechnology: Prospects from Research to Commercialization and its potential for Industrial Sector of Pakistan	2021
11	U. A. Khan, M. Naveed, Genetics – is it more than a 4-nucleotide code? A trial to determine the roles of nature and nurture in behavior exploiting the esr1 gene Proc. of the 4th International Conference on Biosciences	2021
12	S. U. Laila, M. Naveed, Heavy metals induced alterations in gene GST; responsible for autism spectrum disorder in children Proc. of the 4th International Conference on Biosciences	2021
13	A. Saleem, A. Masood, H. Mubeen, Identification and analysis of genes involved in ventricular septal defect by using computational approach , Proc. of the 4th International Conference on Biosciences (ICBS), publisher: BSP-QAU	2021
14	S. Rasheed, A. Amin, Impact of whey emulsions and edible films coated with silver nanoparticles on extending shelf life of fruits and vegetables , Proc. of the Capital University of Science and Technology	2021
15	K. Jabeen, M. Naveed, Insilco analysis of polymorphism for heavy metal binding in DMT-1 Proc. of the 4th International Conference on Biosciences	2021
16	N.U. Ain, M. Naveed, Insilico drug designing of asthma through drug-drug conjugates and monoclonal antibody conjugate , Proc. of the 4th International Conference on Biosciences	2021

17	Q. Raza, MADS-box genes galore in wheat genome , Proc. of the OIC COMCEC-COMSTECH New Breeding Technologies for Food and Nutritional Security Training and Workshop (Virtual and In attendance)	2021
18	Q. Raza MADS-box genes galore in wheat genome: new insights into phylogenomics, evolution and stress associated functions , Proc. of the Plant Genomes, System Biology and Engineering (Virtual), publisher: CSHL	2021
19	R. Aslam, A. Amin, Molecular analysis of fluoroquinolone resistant enterococcus SPP , Proc. of the Capital University of Science and Technology	2021
20	M. Shafique, A. Masood, H. Mubeen, J. I. Wattoo, Molecular and computational analysis of streptococcus bacteria from dental plaque samples in periodontal disease patients Proc. of the 9th International Conference on Biological and Computational Sciences, publisher: Department of Bioinformatics and Biosciences Faculty of Health and Life Sciences Capital University of Science and Technology Islamabad	2021
21	M. Awais/N.Khan, Molecular and Computational analysis of TFR2 Gene to investigate the association with iron overload in Beta Thalassemia and Hemochromatosis type 3 , Proc. of the 9th International Conference on Biological and Computational Sciences, publisher: CUST, Islamabad	2021
22	S. I. Makhdoom, Muhammad Naveed, Multiple-epitope based in-silico vaccine design against machupo virus: taking viral glycoprotein as a target candidate for vaccine , Proc. of the 4th International Conference on Biosciences	2021
23	M. Shafique, A. Masood, H. Mubeen, J. I. Wattoo, A. Waseem, A. Manan, P. Bakhtawar, Prevalence and in-silico analysis of cardiac enzyme and serum lipid enzyme in acute coronary syndrome patients Proc. of the International Conference on Interdisciplinary Innovation and Invention in Biotechnology And Nanotechnology	2021
24	M. Shafique, A. Masood, H. Mubeen, J. I. Wattoo, A. Waseem, A. Manan, P. Bakhtawar, The prevalence of periodontal disease in different age groups in different populations of Pakistan , Proc. of the International Conference on Interdisciplinary Innovation and Invention in Biotechnology and Nanotechnology	2021

Book Chapters

Sr. No	Book Chapters View	Year
1	M. S. Ahmad, Neurological Disorders: Biochemistry of Drug Resistance and Future Challenges , Book Ch.# 9 , Biochemistry of Drug Resistance , pages: 255-277 , publisher: Springer , (Book Chapter), 2021	2021
2	Sumera Zaib, Nehal Rana, Areeba, Imtiaz Khan, Preventive and therapeutic features of combination therapy for HIV , Book Ch.# 2 , Frontiers in Clinical Drug Research , vol: 5 , pages: 1-29 , publisher: Bentham Science , (Book Chapter), 2021	2021