

KOHSAR UNIVERSITY MURREE
LIST OF PUBLICATIONS

SR #	AUTHORS	RESEARCH ARTICLE NAME	JOURNAL NAME	DOI	YEAR
1	Tariq, Fawad, Razaqat Hussain, Zobia Noreen, Aneela Javed, A. Shah, Arshad Mahmood, Muhammad Sajjad, Habib Bokhari, and Shams ur Rahman.	Enhanced antibacterial activity of visible light activated sulfur-doped TiO ₂ nanoparticles against Vibrio cholera	Materials Science in Semiconductor Processing 147(10100):106731	10.1016/j.mssp.2022.106731.	2022
2	Rafique, Maria, Muhammad Ibrahim, Sumaira Kanwal, Habib Bokhari, Farrukh Jamil, Annam Hussain, and Muhammad Asif Rasheed	Research Article: Genome-Wide Analysis to Detect Multi-Drug Resistance Genes in Mycobacterium Tuberculosis Strains SWLPK and MNPK Resourced from Pakistan: Genome Wide Prediction and Characterization of Drug Resistance Genes.	International Journal of Applied and Experimental Biology 1 (2):49-57.	http://submissions.eminentscientists.com/index.php/IJAEB/article/view/5	2022
3	Saddique, Arbab, Shahzada Adnan, Habib Bokhari, Asima Azam, Muhammad Suleman Rana, Muhammad Mujeeb Khan, Muhammad Hanif, and Shawana Sharif	Prevalence and associated risk factor of COVID-19 and impacts of meteorological and social variables on its propagation in Punjab, Pakistan.	Earth Systems and Environment	5 (3): 785-798. doi: 10.1007/s41748-021-00218-5	2021
4	Saraf, Viqar Sayeed, Sohail Aslam Sheikh, Aftab Ahmad, Patrick M. Gillevet, Habib Bokhari, and Sundus Javed.	Vaginal microbiome: Normalcy vs dysbiosis	Archives of Microbiology	203 (7): 3793-3802.	2021
5	Muhammad Waqar Ahmed, Syeda Masooma Naqvi, Irfan Qasim, Zobia Noreen, Muhammad Shafiq & Habib Bukhari. 2021. Degradation of multidrug-resistant E. coli by low	Coli by low pressure plasma, International Journal of Food Properties, pressure plasma, International Journal of Food Properties,	Degradation of multidrug-resistant E	24:1, 1289-1299, DOI: 10.1080/10942912.2021.1959340.	2021
6	Khan, Salma S., Yi Shen, Muhammad Q. Fatmi, Robert E. Campbell, and Habib	Design and Prototyping of Genetically Encoded Arsenic Biosensors Based on	Biomolecules	https://doi.org/10.3390/biom11091276	2021

	Bokhari.	Transcriptional Regulator AfArsR" Biomolecules 11, no. 9: 1276.			
7	Khan, Salma S., Yi Shen, Muhammad Q. Fatmi, Robert E. Campbell, and Habib Bokhari.	Design and Prototyping of Genetically Encoded Arsenic Biosensors Based on Transcriptional Regulator AfArsR	Biomolecules	9: 1276. https://doi.org/10.3390/biom11091276	2021
8	Olaniran, Oluwatoyin B., Olufemi E. Adeleke, Ahmed Donia, Ramla Shahid, and Habib Bokhari.	Incidence and Molecular Characterization of Carbapenemase Genes in Association with Multidrug-Resistant Clinical Isolates of Pseudomonas aeruginosa from Tertiary Healthcare Facilities in Southwest Nigeria.	Current microbiology	79, (1): 1-14. 79(1):3; DOI: 10.1007/s00284-021-02706-3	2022
9	Saraf, Viqar Sayeed, Theophilus Bhatti, Sundus Javed, and Habib Bokhari.	Antimicrobial Resistance Pattern in E. coli Isolated from Placental Tissues of Pregnant Women in Low-Socioeconomic Setting of Pakistan.	Current Microbiology	79, (3): 1-8. doi: 10.1007/s00284-022-02769-w	2022
10	Muhammad Asghar Hassan Vespidae (Insecta: Hymenoptera) of Multan Region, Pakistan. Oriental Insects. : Habiba Tariq, Zobia Noreen, Aftab Ahmad, Laraib khan, Mashood Ali, Muhammad Malik, Aneela Javed, Faisal Rasheed, Tanil Kocagoz, Ugur Sezerman, Habib Bokhari.	Coli isolates in association with colorectal cancer and their genetic diversity among Pakistani Population. PLOS ONE. Accepted	Colibactin possessing E.	https://doi.org/10.1080/00305316.2021.2024465	2022
11	Donia, Ahmed, Ramla Shahid, Muhammad Nawaz, Tahir Yaqub, and Habib Bokhari.	Can we develop oncolytic SARS-CoV-2 to specifically target cancer cells?	Therapeutic Advances in Medical Oncology	13: 7588359211061988	2021
12	Donia, Ahmed, Muhammad Furqan Shahid, Aftab Ahmad, Aneela Javed, Muhammad Nawaz, Tahir Yaqub, and Habib Bokhari.	Integration of RT-LAMP and Microfluidic Technology for Detection of SARS-CoV-2 in Wastewater as an Advanced Point-of-care Platform	Microfluidic Technology for Detection of SARS-CoV-2	bioRxiv. DOI: 10.1101/2021.08.18.456880	2021

13	<u>Khadija Javed</u> ; Humayun Javed; Yong Wang.	Hrip1 induces Systemic Resistance against Bean Aphid (<i>Megoura japonica</i> Matsumura) in Common Beans (<i>Phaseolus vulgaris</i> L.).	Microorganism,	10(6):1080. https://doi.org/10.3390/microorganisms10061080 (IF: 4.926)	2022
14	<u>Khadija Javed</u> ; Humayun, T.; Humayun, A.; Wang, Y.; Javed, H.; Iqbal, M.	Biocontrol Potential of Novel Emerging Multiacting Bacterium <i>Bacillus amyloliquefaciens</i> NC6 against <i>Brevicoryne brassicae</i> in <i>Brassica rapa</i> ssp. <i>Pekinensis</i> .	Fermentation	https://doi.org/10.3390/fermentation8030095 (IF: 5.123)	2022
15	<u>Khadija Javed</u> ; Javed, H, and Qiu,D	Aphid major Agricultural insect pest, Ecology, Lifecycle, and Biological Control approaches.	Advances in Animal Science and Zoology	Volume 18. ISBN: 978-1-68507-255-1, https://doi.org/10.52305/KFEG3324	2021
16	Hussain, B.,* Riaz, L., <u>Khadija Javed</u> , Umer, M.J., Abbas, A., Rao, U., Khan, S.W., Abbas, Q., Din, S., Batool, R.	Plant glutathione transferases and their role in the mitigation of abiotic stresses.	In: Antioxidant Defense in Plants: Molecular Basis of Regulation. Springer-Nature.	(Accepted).	2021
17	Hussain, B., * Riaz, L., <u>Khadija Javed</u> , Umer, M.J., Abbas A, Y., Ding, S.U, Ashraf, M.N., Khan, S.W., Ali, H., Abbas, Q., Ali, S., Zafar, M., Ur-Rahman. S.	Use of nano-particles and fertilizers in alleviating heavy metals and improving nutrients uptake in plants.	In: Sustainable Plant Nutrition: Molecular Interventions and Advancements for Crop Improvement. Academic Press, Elsevier.	(Accepted).	2021
18	Khadija Javed; Javed, H; Wang, Y,	Does <i>Brevibacillus laterosporus</i> a novel Entomopathogenic bacterium is capable to trigger defense	International Journal of Pest Management	(IF: 1.907) under review	2022

		response in Chili pepper (<i>Capsicum annuum</i> L.) against potato aphid <i>Macrosiphum euphorbiae</i> .			
19	Khadija Javed; Humayun Javed;	Yong Wang, Hrip1 novel Elicitor Protein from necrotrophic fungus <i>Alternaria tenuissima</i> improved Resistance against bean aphid <i>Megoura Japonica</i> Matsumura in common beans (<i>Phaseolus Vulgaris</i> L.)	Frontiers in Microbiology	IF: 5.64) under review	2022
20	W. H. Bangyal , et. al	Construction of Domain Ontology for Alzheimer Diseases Using Deep Learning Based Approach"	", Electronics	(IF: 2.3, Published)	2022
21	Gulfraz, M. B. , Muhammad Sufyan, Mekhail Mustak, Joni Salminen, and Deepak Kumar Srivastava.	Understanding the impact of online customers' shopping experience on online impulsive buying: A study on two leading E-commerce platforms"	Journal of Retailing and Consumer Services	Volume 68, 1-12.	2022
22	S.M Ali, M. F. Majeed et.	al " Design and evolution of button sensor antenna for on body monitoring activity in healthcare applications	MDPI, Micro Machines	(IF:2.89)	2022
23	Habib, M. Hina, A., and M. Sajjad, MQ Ahmad. In: Faheem Shahzad (eds)	Wheat Springer	Marker-Assisted Selection in Wheat	Accepted	2022
24	Ali, I. K.B.H. Salah, H. Sher, H. Ali, Z. Ullah, A. Ali, N. Alam, S. A. Shah, J. Iqbal, M. Ilyas , D.A.H. Al-Quwaie, A.A. Khan and T. Mahmood.	Drought stress enhances the efficiency of floral dip method of Agrobacterium-mediated transformation in <i>Arabidopsis thaliana</i> .	Brazilian journal of biology.	84, e259326. (IF 1.651)	2022
25	Haroon., M. F. Wahid. M. Ilyas , M. Adnan, R. Ullah, B. Saeed, MA. Raza, Y. Jamal, M. Ahmad and L. Xiangju.	Growth, biomass partitioning and chlorophyll fluorescence response to drought stress:	A comparative study of <i>Commelina communis</i> L	55(1). (IF 0.972)	2022
26	Ullah R, A. Rauf, F. Hussain, I. Ali, J. Muhammad, H. Hussain, M. Ilyas , M.	Biological Investigation on Novel Natural Dye Extracted	Polish Journal of Environmental	31(4): 1-8. (IF 1.66).	2022

	Kamil, S, Abidulalh, M. Shuaib.	from the Bark of <i>Calligonum polygonoides</i> L. and Their Application on Cotton Fiber.	studies.		
27	M. Ilyas. , T. Mahmood, A.U. Rahman, T. Mahmood, F. Wahid, N.H. Khan, M. Irfan. In: Fahad S. et al.	Biomolecular intervention in understanding plant adaptation to climate change.	(eds) "Climate Change and Ecosystems: Challenges to Sustainable Development" by CRC Press. Routledge Taylor and Francis group London UK.	ISBN 9781032260686	2022
28	Khudadad, S., M. A. Rafi, A. Zia, M. S. Khan, G. Parveen, M. K. Sheikh, F. Naz, M. Qasim, and S. W. Shah.	(Ant Fauna (Hymenoptera: Formicidae) of District Mansehra, Pakistan.	Pakistan Journal of Agricultural Research,.	34(3): 664-671.	2021
29	Hassan, M.A., A. Shehzad, S. Jaffar, M. Qasim, & D. Khan,	Notes on the genus <i>Xylota</i> Meigen (Diptera: Syrphidae) from Pakistan.	Journal of Insect Biodiversity	029 (2): 036-043	2021
30	Khan, I. A., F. Mengal, G. Parveen, S. Durrani, M. Saeed, M. Qasim, Z. Urooj, G. Rasul, Q. Ullah and A. Sami.	Some records of Skippers (Lepidoptera: Hesperioidea: HesperIIDae) from Balochistan Province, Pakistan.	Pakistan Journal of Scientific and Industrial Research Series B: biological science,	65B(1) 1-4.	2022
31	Siddiqui, J.A., Y. Zhang,Y. Luo, B.S. Bamisile, N.U. Rehman, W. Islam, M. Qasim, Q. Jiang, Q.; Y. Xu. 2022.	Comprehensive Detoxification Mechanism Assessment of Red Imported Fire Ant (<i>Solenopsis invicta</i>) against Indoxacarb.	Molecules.		2022
32	Ali, Q., M. Raheel, W. Ashraf, Q. Shakeel, M. Qasim, S. Ali, K. Fatima, A. Jabbar, K. Naveed, H. M. U. Aslam.	Effect of IGRS on pupal and adult Suppression of <i>Tribolium castaneum</i> (Herbst) and <i>Trogoderma granarium</i> (Everts).	Fresenius Environmental Bulletin.	Vol. 31.	2022
33	M. Qasim, J. M. Carpenter, S. H. A. Bokhari, M. R. Khan, M. A. Rafi, M. Amin, J. A. Siddiqui and M. A. Hassan.	Vespidae (Insecta: Hymenoptera) of Multan Region, Pakistan.	Oriental Insects.		2022
34	Hafeez, M., F. Ullah, M. M. Khan, Z.	Comparative low lethal effects	Environmental	https://doi.org/10.10	2022

	Wang, H. Gul, X. Li, J. Huang, J. A. Siddiqui, M. Qasim, R. L. Wang, M. Imran, M. A. Assiri, M. Rehman, S. Fahad, Y. Lu.	of three insecticides on demographical traits and enzyme activity of the <i>Spodoptera exigua</i> (Hübner).	Science and Pollution Research.	07/s11356-022-20182-5.	
35	Afsar, F., M. R. Khan M. A. Rafi, A. Zia, M. Qasim, I. A. Khan, G. Rasul, M. K. Sheik and G. Parveen, I. A. Khan, G. Rasul, A. Samei and N. I. Jajja.	Some Records of Ant (Hymenoptera: Formicidae) From District Poonch, Azad Jammu and Kashmir.	Pakistan Journal of Agricultural Research,	(Accepted).	2019
36	Qasim, M., J. M. Carpenter, M. R. Khan, M. A. Rafi, M. A. Hassan, J. A. Siddiqui and M. Hafeez. 2021.	A new species of Subancistrocerus (Hymenoptera: Vespidae, Eumeninae) from Pakistan	Journal of the Entomological Research Society.	(Submitted)	2021
37	Ashraf Mahmud Rayed, Muhammad Atiq Ur Rehman Tariq, Mizanur Rahman, A.W.M.Ng, Md. Khairul Alam Nahid, Mahibuzzaman, Wazed Al Islam and Muhammad Mohiuddin.	An analysis of driving behavior in Bangladesh considering physiological, cultural, and socioeconomic variables,	Sustainability	(Accepted)	2022
38	Sumera Bibi, Muhammad Irshad, Muhammad Mohiuddin, Sadaf Sher, Muhammad Atiq ur Rehman Tariq, Anne W.M. Ng,	Distribution of phosphorus fractions in orchard soils in relation to soil properties and foliar P contents,	Sustainability,	14(7), 3966	2022
39	Jawad Ali, Yang Li , Enxiang Shang , Xinjie Wang , Jian Zhao , Muhammad Mohiuddin , Xinghui Xia.	Aggregation of graphene oxide and its environmental implications in the aquatic environment.	Chinese Chemical Letters.		2022
40	Akhtar Hussain Lashari, Naeem Ali, Muhammad Mohiuddin, Jawad Ali, SanaUllah, Safdar Ali Ujjan, Khadim Hussain Memon, Khalid Hussain Rind.	Estimation of water quality parameters of Rawal lake and its associated tributaries, Polish Journal of Environmental	Polish Journal of Environmental	Studies Vol. 31, No. 3, 1-7.	2022
41	Aqsa Zaheer Asim, Zahid Hussain, Jawad Ali, Sumera Bibi , Muhammad Mohiuddin, Muhammad Irshad.	A social survey on health implications of iodine deficiency in women and children in hilly areas of Pakistan.	Journal of healthcare in developing countries (jhcdc),	1(4), 56-61.	2022

42	Muhammad Mohiuddin*, Jawad Ali, Megersa Kebede Leta, Muhammad Waseem, Muhammad Irshad, & Zahid Hussain.	Estimation of Iodine Leaching in Soil Amended with Organic and Inorganic Materials Using Hydrus 1-D Model.	Sustainability,	13(19), 10967.	2021
43	Muhammad Mohiuddin, Qian Yu & Gaoyue Si, Muhammad Irshad, Mohamed Farig, Zahid Hussain & Lei Duan1.	Availability of iodine from acidified soil after manure amendments.	Arabian Journal of Geosciences,	14(18), 1-8.	2021
44	Muhammad Mohiuddin, Muhammad Irshad, Mohamed Farig, & Muhammad Shahzad,	Extractability of iodine from soils using different methods in relation to soil properties.	Arabian Journal of Geosciences,	14(5), 1-9.	2021
45	Muhammad Khuram Razzaq, ..., Aiman Hina , Benjamin Karikari, Ghulam Raza, Guangnan Xing, Junyi Gai & Mohsin Khurshid	CRISPR-Cas9 based stress tolerance: New hope for abiotic stress tolerance in chickpea (<i>Cicer arietinum</i>)”	“Molecular Biology Reports	(1-9) IF. 2.7	2022
46	Pang Q, Chen Y, Mukhtar H , Xiong J, Wang X, Xu T, Hammock BD, Wang J.	Camelization of a Murine Single-domain Antibody against Aflatoxin B1 and its Antigen binding Analysis.	Mycotoxin Res.	38:51-60. IF. 4.08	2022
47	Abdul Basit, Syed Tanveer Shah, Izhar Ullah, Sidra Tul Muntha & Heba I.	Mohamed “Microbe-assisted phytoremediation of environmental pollutants and energy recycling in sustainable agriculture”	Arch Microbiol 2021 Sept.	IF. 2.55 https://doi.org/10.1007/s00203-021-02576-0	2021
48	Abdul Basit, Syed Tanveer Shah, Sidra tul Muntha and Heba Mohamed	“Plant Growth-Promoting RhizoBacteria (PGPR) as Biocontrol Agents for Viral Protection”	Springer Nature Switzerland	2021:187-225 https://doi.org/10.1007.978-3-030-66587-6_8	2021
49	Sidra tul Muntha 1*, Muhammad Faizan2 , Saba Mehreen3 and Shareen4:	Exploring Nanotechnology to Reduce Stress: Mechanism of Nanomaterial-Mediated Alleviation”	“Springer Nature Switzerland 2021		2021
50	K. Fatima, M. Irfan Haider, A. Bashir, S. Qamar, A. Ali Qureshi, Z. Akhter, M. Sultan* ,	“Surface modification of CsPbI ₂ Br for improved performance of inorganic perovskite solar cells”,	Physica E: Low-dimensional Systems and Nanostructures	142 (2022) 115265 (IF 3.36).	2022

51	S. Qamar, M. Sultan* , Z. Akhter*, S. Erten Ela,	A facile one-step solution synthesis of $\text{Cs}_2\text{SnI}_{6-x}\text{Br}_x$ using less-toxic methanol solvent for application in dye-sensitized solar cells”,	“International Journal of Energy Research 46	(2022) 13441-13452 (IF 4.67).	2022
52	S. Qamar, K. Fatima, N. Ullah, Z. Akhter, A. Waseem, M. Sultan* ,	“Recent progress in use of MXene in Perovskite Solar Cells: For interfacial modification, work-function tuning and additive engineering”,	RSC Nanoscale 2022	(Accepted) (IF 8.3).	2022
53	Niaz Ali Khan, Munsif Jan, Muzamil Shah, Darvaish Khan,	“Quantum speed limit time in a relativistic frame”	Annals of Physics 440,	168831 (IF 3.03)	2022
54	Niaz Ali Khan, Munsif Jan, Muzamil Shah, Muhammad Sajid, Quaid Zaman, Mushtaq Ali, Darvaish Khan,	“Entanglement-based measure of non-Markovianity in relativistic frame”	Optik 260, (2022),	169016 (IF=2.84).	2022