

Muhammad Faraz Bhatti

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Odorant Binding Proteins (OBPs) and Odorant Receptors (ORs) of <i>Anopheles stephensi</i> : Identification and comparative insights. <i>PLoS ONE</i> , 2022, 17, e0265896.	2.5	6
2	Genome-Wide Identification of Stress-Associated Proteins (SAPs) Encoding A20/AN1 Zinc Finger in Almond (<i>Prunus dulcis</i>) and Their Differential Expression during Fruit Development. <i>Plants</i> , 2022, 11, 117.	3.5	3
3	Growth responses and rubisco activity influenced by antibiotics and organic amendments used for stress alleviation in <i>Lactuca sativa</i> . <i>Chemosphere</i> , 2021, 264, 128433.	8.2	14
4	Comprehensive Analyses of NAC Transcription Factor Family in Almond (<i>Prunus dulcis</i>) and Their Differential Gene Expression during Fruit Development. <i>Plants</i> , 2021, 10, 2200.	3.5	3
5	Computational Assessment of <i>Botrytis cinerea</i> Lipase for Biofuel Production. <i>Catalysts</i> , 2021, 11, 1319.	3.5	3
6	Hadaka Virus 1: a Capsidless Eleven-Segmented Positive-Sense Single-Stranded RNA Virus from a Phytopathogenic Fungus, <i>Fusarium oxysporum</i> . <i>MBio</i> , 2020, 11, .	4.1	52
7	The Route to "Chemobrain"™ - Computational probing of neuronal LTP pathway. <i>Scientific Reports</i> , 2019, 9, 9630.	3.3	6
8	Plant uptake and leaching potential upon application of amendments in soils spiked with heavy metals (Cd and Pb). <i>Journal of Environmental Management</i> , 2019, 249, 109408.	7.8	50
9	Formulation of active packaging system using <i>Artemisia scoparia</i> for enhancing shelf life of fresh fruits. <i>Materials Science and Engineering C</i> , 2019, 100, 82-93.	7.3	15
10	Quaternized trimethyl functionalized chitosan based antifungal membranes for drinking water treatment. <i>Carbohydrate Polymers</i> , 2019, 207, 17-25.	10.2	56
11	Molecular and biological characterization of a novel botybirnavirus identified from a Pakistani isolate of <i>Alternaria alternata</i> . <i>Virus Research</i> , 2019, 263, 119-128.	2.2	32
12	Microbial quality assessment of indoor air in a large hospital building during winter and spring seasons. <i>Building and Environment</i> , 2018, 135, 68-73.	6.9	40
13	Structural insights and characterization of human Npas4 protein. <i>PeerJ</i> , 2018, 6, e4978.	2.0	4
14	A comprehensive computational mutation structurefunction approach for determining potential drug target sites in poliovirus 2A protease. <i>Tropical Journal of Pharmaceutical Research</i> , 2018, 16, 2831.	0.3	1
15	Structure-Function Mutational Analysis and Prediction of the Potential Impact of High Risk Non-Synonymous Single-Nucleotide Polymorphism on Poliovirus 2A Protease Stability Using Comprehensive Informatics Approaches. <i>Genes</i> , 2018, 9, 228.	2.4	2
16	Homology Modeling of CTR1 Protein Kinase Domain in Solanaceae Species for Identification of Salient Features in terms of Structure and Function, and Interaction Analysis with Lipids. <i>Current Proteomics</i> , 2018, 15, 329-340.	0.3	0
17	Genome-wide analysis of wheat calcium ATPases and potential role of selected ACAs and ECAs in calcium stress. <i>BMC Plant Biology</i> , 2017, 17, 174.	3.6	14
18	<i>In silico</i> analysis reveals widespread presence of three gene families, MAPK, MAPKK and MAPKKK, of the MAPK cascade from crop plants of Solanaceae in comparison to the distantly-related syntenic species from Rubiaceae, coffee. <i>PeerJ</i> , 2017, 5, e3255.	2.0	14

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19	New Biofunctional Loading of Natural Antimicrobial Agent in Biodegradable Polymeric Films for Biomedical Applications. <i>International Journal of Biomaterials</i> , 2016, 2016, 1-9.	2.4	17
20	Genetic variation of high-risk HPV-16 from a cervical cancer biopsy collected in Pakistan. <i>Future Virology</i> , 2016, 11, 31-38.	1.8	1
21	The human papillomavirus type 16 L1 protein directly interacts with E2 and enhances E2-dependent replication and transcription activation. <i>Journal of General Virology</i> , 2015, 96, 2274-2285.	2.9	14
22	Prevalence and Genotyping of High Risk Human Papillomavirus in Cervical Cancer Samples from Punjab, Pakistan. <i>Viruses</i> , 2014, 6, 2762-2777.	3.3	28
23	Complete nucleotide sequences of two dsRNAs associated with a new partitivirus infecting <i>Aspergillus fumigatus</i> . <i>Archives of Virology</i> , 2011, 156, 1677-1680.	2.1	28