Bharat Kumar Mishra

List of Publications by Year
in descending order

23 papers	425 citations	933264 10 h-index	794469 19 g-index
29 all docs	29 docs citations	29 times ranked	382 citing authors

#	Article	IF	Citations
1	Systems Biology and Machine Learning in Plant–Pathogen Interactions. Molecular Plant-Microbe Interactions, 2019, 32, 45-55.	1.4	68
2	Transcriptomics reveals multiple resistance mechanisms against cotton leaf curl disease in a naturally immune cotton species, Gossypium arboreum. Scientific Reports, 2017, 7, 15880.	1.6	61
3	Integrative Network Biology Framework Elucidates Molecular Mechanisms of SARS-CoV-2 Pathogenesis. IScience, 2020, 23, 101526.	1.9	52
4	Molecular insight into cotton leaf curl geminivirus disease resistance in cultivated cotton (*Gossypium hirsutum*). Plant Biotechnology Journal, 2020, 18, 691-706.	4.1	44
5	Global temporal dynamic landscape of pathogen-mediated subversion of Arabidopsis innate immunity. Scientific Reports, 2017, 7, 7849.	1.6	32
6	Transcriptomic analysis of cultivated cotton Gossypium hirsutum provides insights into host responses upon whitefly-mediated transmission of cotton leaf curl disease. PLoS ONE, 2019, 14, e0210011.	1.1	28
7	Network biology to uncover functional and structural properties of the plant immune system. Current Opinion in Plant Biology, 2021, 62, 102057.	3.5	26
8	Inference of Gene Regulatory Network from Single-Cell Transcriptomic Data Using pySCENIC. Methods in Molecular Biology, 2021, 2328, 171-182.	0.4	25
9	Dynamic modeling of transcriptional gene regulatory network uncovers distinct pathways during the onset of Arabidopsis leaf senescence. Npj Systems Biology and Applications, 2018, 4, 35.	1.4	22
10	Genome wide in-silico miRNA and target network prediction from stress responsive Horsegram (Macrotyloma uniflorum) accessions. Scientific Reports, 2020, 10, 17203.	1.6	12
11	A rice protein interaction network reveals high centrality nodes and candidate pathogen effector targets. Computational and Structural Biotechnology Journal, 2022, 20, 2001-2012.	1.9	12
12	Transcriptional circuitry atlas of genetic diverse unstimulated murine and human macrophages define disparity in population-wide innate immunity. Scientific Reports, 2021, 11, 7373.	1.6	7
13	PCV: An Alignment Free Method for Finding Homologous Nucleotide Sequences and its Application in Phylogenetic Study. Interdisciplinary Sciences, Computational Life Sciences, 2017, 9, 173-183.	2.2	5
14	Dynamic Regulation of the Nexus Between Stress Granules, Roquin, and Regnase-1 Underlies the Molecular Pathogenesis of Warfare Vesicants. Frontiers in Immunology, 2021, 12, 809365.	2.2	5
15	Physical map of lncRNAs and lincRNAs linked with stress responsive miRs and genes network of pigeonpea (Cajanus cajan L.). Journal of Plant Biochemistry and Biotechnology, 2022, 31, 271-292.	0.9	4
16	Integrative Network Biology Framework Elucidates Molecular Mechanisms of SARS-CoV-2 Pathogenesis. SSRN Electronic Journal, 2020, , 3581857.	0.4	4
17	Dynamic Regulatory Event Mining by iDREM in Large-Scale Multi-omics Datasets During Biotic and Abiotic Stress in Plants. Methods in Molecular Biology, 2021, 2328, 191-202.	0.4	3
18	PineElm_SSRdb: a microsatellite marker database identified from genomic, chloroplast, mitochondrial and EST sequences of pineapple (Ananas comosus (L.) Merrill). Hereditas, 2016, 153, 16.	0.5	2

#	Article	IF	Citations
19	Patched1 haploinsufficiency severely impacts intermediary metabolism in the skin of Ptch1+/â˜/ODC transgenic mice. Scientific Reports, 2019, 9, 13072.	1.6	2
20	Dietary table grape protects against ultraviolet photodamage in humans: 2. molecular biomarker studies. Journal of the American Academy of Dermatology, 2021, 85, 1032-1034.	0.6	2
21	Carbonic anhydrase genes network: Key role players in pH flux and abiotic stress tolerance. Journal of AgriSearch, 2016, 3, .	0.1	1
22	DG(RG) 55- High yielding short duration dwarf line of pigeonpea. Journal of AgriSearch, 2018, 5, .	0.1	1
23	Balanced gene expression: network of genes in legumes. Journal of AgriSearch, 2018, 5, .	0.1	0