

# H B Mahesh

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

537  
citations

933447

10  
h-index

677142

22  
g-index

31  
all docs

31  
docs citations

31  
times ranked

655  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome and Transcriptome sequence of Finger millet ( <i>Eleusine coracana</i> (L.) Gaertn.) provides insights into drought tolerance and nutraceutical properties. <i>BMC Genomics</i> , 2017, 18, 465.	2.8	165
2	Indica rice genome assembly, annotation and mining of blast disease resistance genes. <i>BMC Genomics</i> , 2016, 17, 242.	2.8	51
3	Multi-Omics Driven Assembly and Annotation of the Sandalwood ( <i>Santalum album</i> ) Genome. <i>Plant Physiology</i> , 2018, 176, 2772-2788.	4.8	45
4	Genome-Wide Comparison of Magnaporthe Species Reveals a Host-Specific Pattern of Secretory Proteins and Transposable Elements. <i>PLoS ONE</i> , 2016, 11, e0162458.	2.5	43
5	Comprehensive analyses of genomes, transcriptomes and metabolites of neem tree. <i>PeerJ</i> , 2015, 3, e1066.	2.0	35
6	Genome analysis of rice-blast fungus <i>Magnaporthe oryzae</i> field isolates from southern India. <i>Genomics Data</i> , 2015, 5, 284-291.	1.3	35
7	De novo genome assembly and annotation of rice sheath rot fungus <i>Sarocladium oryzae</i> reveals genes involved in Helvolic acid and Cerulenin biosynthesis pathways. <i>BMC Genomics</i> , 2016, 17, 271.	2.8	33
8	LAMP-based foldable microdevice platform for the rapid detection of <i>Magnaporthe oryzae</i> and <i>Sarocladium oryzae</i> in rice seed. <i>Scientific Reports</i> , 2021, 11, 178.	3.3	17
9	Bio-priming of rice seeds with novel bacterial strains, for management of seedborne <i>Magnaporthe oryzae</i> L.. <i>Plant Physiology Reports</i> , 2019, 24, 507-520.	1.5	14
10	Biostimulants derived from red seaweed stimulate the plant defence mechanism in rice against <i>Magnaporthe oryzae</i> . <i>Journal of Applied Phycology</i> , 2022, 34, 659-665.	2.8	12
11	Metagenome sequencing of finger millet-associated microbial consortia provides insights into structural and functional diversity of endophytes. <i>3 Biotech</i> , 2020, 10, 15.	2.2	11
12	Comparative genomics of rice false smut fungi <i>Ustilagoidea virens</i> Uv-Gvt strain from India reveals genetic diversity and phylogenetic divergence. <i>3 Biotech</i> , 2020, 10, 342.	2.2	10
13	Loop-mediated isothermal amplification assay for pre-symptomatic stage detection of <i>Xanthomonas axonopodis</i> pv. <i>punicae</i> infection in pomegranate. <i>Australasian Plant Pathology</i> , 2020, 49, 467-473.	1.0	9
14	First report of bacterial soft rot of carrot caused by <i>Klebsiella variicola</i> in India. <i>New Disease Reports</i> , 2018, 37, 21-21.	0.8	9
15	Rapid genotyping of bacterial leaf blight resistant genes of rice using loop-mediated isothermal amplification assay. <i>Molecular Biology Reports</i> , 2021, 48, 467-474.	2.3	7
16	Genome, Transcriptome, and Germplasm Sequencing Uncovers Functional Variation in the Warm-Season Grain Legume Horsegram <i>Macrotyloma uniflorum</i> (Lam.) Verdc.. <i>Frontiers in Plant Science</i> , 2021, 12, 758119.	3.6	7
17	Diversity and biopotential of <i>Bacillus velezensis</i> strains A6 and P42 against rice blast and bacterial blight of pomegranate. <i>Archives of Microbiology</i> , 2021, 203, 4189-4199.	2.2	6
18	In planta transcriptome analysis reveals tissue-specific expression of pathogenicity genes and microRNAs during rice-Magnaporthe interactions. <i>Genomics</i> , 2021, 113, 265-275.	2.9	5

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19	Comparative metagenomic analysis of rice soil samples revealed the diverse microbial population and biocontrol organisms against plant pathogenic fungus <i>Magnaporthe oryzae</i> . <i>3 Biotech</i> , 2021, 11, 245.	2.2	5
20	Rice Blast Disease in India: Present Status and Future Challenges. , 0, , .		5
21	Antibiotic Resilience in <i>Xanthomonas axonopodis</i> Pv. <i>punicae</i> Causing Bacterial Blight Of Pomegranate. <i>Current Science</i> , 2021, 119, 1564.	0.8	5
22	Comparative analysis of secondary metabolite gene clusters in different strains of <i>Magnaporthe oryzae</i> . <i>FEMS Microbiology Letters</i> , 2021, 368, .	1.8	3
23	Host range and virulence diversity of <i>Pectobacterium carotovorum</i> subsp. <i>brasiliense</i> strain <i>RDKLR</i> infecting radish in India, and development of a <i>LAMP</i> -based diagnostics. <i>Journal of Applied Microbiology</i> , 2022, , .	3.1	3
24	Mining of SSRs and SNPs in Sandalwood Genome. <i>Compendium of Plant Genomes</i> , 2022, , 57-64.	0.5	0
25	Whole Genome Sequence of Sandalwood and Its Comparative Study. <i>Compendium of Plant Genomes</i> , 2022, , 47-55.	0.5	0