

Pranav P Sahu

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

2,185
citations

361296

20
h-index

580701

25
g-index

26
all docs

26
docs citations

26
times ranked

2973
citing authors

#	ARTICLE	IF	CITATIONS
1	NAC proteins: regulation and role in stress tolerance. Trends in Plant Science, 2012, 17, 369-381.	4.3	890
2	Epigenetic mechanisms of plant stress responses and adaptation. Plant Cell Reports, 2013, 32, 1151-1159.	2.8	205
3	Comprehensive Genome-Wide Survey, Genomic Constitution and Expression Profiling of the NAC Transcription Factor Family in Foxtail Millet (<i>Setaria italica</i> L.). PLoS ONE, 2013, 8, e64594.	1.1	148
4	Comparative transcriptome analysis of differentially expressed genes in foxtail millet (<i>Setaria italica</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 720-727.	1.0	107
5	Geminiviruses and Plant Hosts: A Closer Examination of the Molecular Arms Race. Viruses, 2017, 9, 256.	1.5	80
6	Sequence-based novel genomic microsatellite markers for robust genotyping purposes in foxtail millet [<i>Setaria italica</i> (L.) P. Beauv.]. Plant Cell Reports, 2012, 31, 323-337.	2.8	78
7	cDNA-AFLP Analysis Reveals Differential Gene Expression in Response to Salt Stress in Foxtail Millet (<i>Setaria italica</i> L.). Molecular Biotechnology, 2008, 40, 241-251.	1.3	72
8	Chromatin-Based Epigenetic Regulation of Plant Abiotic Stress Response. Current Genomics, 2016, 17, 490-498.	0.7	64
9	Tomato cultivar tolerant to <i>Tomato leaf curl New Delhi virus</i> infection induces virus-specific short interfering RNA accumulation and defence-associated host gene expression. Molecular Plant Pathology, 2010, 11, 531-544.	2.0	63
10	Harnessing Finger Millet to Combat Calcium Deficiency in Humans: Challenges and Prospects. Frontiers in Plant Science, 2017, 8, 1311.	1.7	59
11	Genome-wide association mapping and comparative genomics identifies genomic regions governing grain nutritional traits in finger millet (<i>Eleusine coracana</i> L. Gaertn.). Plants People Planet, 2020, 2, 649-662.	1.6	50
12	Recent Advances in Plant-Virus Interaction with Emphasis on Small Interfering RNAs (siRNAs). Molecular Biotechnology, 2013, 55, 63-77.	1.3	47
13	Salinity induced differential methylation patterns in contrasting cultivars of foxtail millet (<i>Setaria</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 45	2.8	45
14	Dynamics of a geminivirus-encoded pre-coat protein and host RNA-dependent RNA polymerase 1 in regulating symptom recovery in tobacco. Journal of Experimental Botany, 2018, 69, 2085-2102.	2.4	43
15	Involvement of host regulatory pathways during geminivirus infection: a novel platform for generating durable resistance. Functional and Integrative Genomics, 2014, 14, 47-58.	1.4	39
16	Recent advances in tomato functional genomics: utilization of VIGS. Protoplasma, 2012, 249, 1017-1027.	1.0	32
17	Chilli leaf curl virus infection highlights the differential expression of genes involved in protein homeostasis and defense in resistant chilli plants. Applied Microbiology and Biotechnology, 2015, 99, 4757-4770.	1.7	29
18	Post-transcriptional and Epigenetic Arms of RNA Silencing: A Defense Machinery of Naturally Tolerant Tomato Plant Against Tomato Leaf Curl New Delhi Virus. Plant Molecular Biology Reporter, 2014, 32, 1015-1029.	1.0	28

#	ARTICLE	IF	CITATIONS
19	The Sw5a gene confers resistance to ToLCNDV and triggers an HR response after direct AC4 effector recognition. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	28
20	Tomato 26S Proteasome subunit RPT4a regulates ToLCNDV transcription and activates hypersensitive response in tomato. Scientific Reports, 2016, 6, 27078.	1.6	22
21	Dynamics of Defense-Related Components in Two Contrasting Genotypes of Tomato Upon Infection with Tomato Leaf Curl New Delhi Virus. Molecular Biotechnology, 2012, 52, 140-150.	1.3	16
22	Transcriptome Analysis of Differentially Expressed Genes During Embryo Sac Development in Apomeiotic Non-Parthenogenetic Interspecific Hybrid of Pennisetum glaucum. Molecular Biotechnology, 2012, 51, 262-271.	1.3	15
23	Application of molecular antiviral compounds: novel approach for durable resistance against geminiviruses. Molecular Biology Reports, 2015, 42, 1157-1162.	1.0	12
24	Chilli leaf curl virus infection downregulates the expression of the genes encoding chloroplast proteins and stress-related proteins. Physiology and Molecular Biology of Plants, 2019, 25, 1185-1196.	1.4	9
25	Endopolyploidy Variation in Wild Barley Seeds across Environmental Gradients in Israel. Genes, 2021, 12, 711.	1.0	4