

Sushma Naithani

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

3,850
citations

331670

21
h-index

254184

43
g-index

55
all docs

55
docs citations

55
times ranked

6556
citing authors

#	ARTICLE	IF	CITATIONS
1	The genome of woodland strawberry (<i>Fragaria vesca</i>). <i>Nature Genetics</i> , 2011, 43, 109-116.	21.4	1,091
2	The genome of <i>Eucalyptus grandis</i> . <i>Nature</i> , 2014, 510, 356-362.	27.8	725
3	Ensembl Genomes 2020“enabling non-vertebrate genomic research. <i>Nucleic Acids Research</i> , 2020, 48, D689-D695.	14.5	416
4	Gramene 2013: comparative plant genomics resources. <i>Nucleic Acids Research</i> , 2014, 42, D1193-D1199.	14.5	163
5	Gramene 2018: unifying comparative genomics and pathway resources for plant research. <i>Nucleic Acids Research</i> , 2018, 46, D1181-D1189.	14.5	147
6	Ensembl Genomes 2022: an expanding genome resource for non-vertebrates. <i>Nucleic Acids Research</i> , 2022, 50, D996-D1003.	14.5	141
7	Interactions among COX1, COX2, and COX3 mRNA-specific Translational Activator Proteins on the Inner Surface of the Mitochondrial Inner Membrane of <i>Saccharomyces cerevisiae</i> . <i>Molecular Biology of the Cell</i> , 2003, 14, 324-333.	2.1	140
8	Gramene 2016: comparative plant genomics and pathway resources. <i>Nucleic Acids Research</i> , 2016, 44, D1133-D1140.	14.5	138
9	Structural modules for receptor dimerization in the <i>S</i> -locus receptor kinase extracellular domain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 12211-12216.	7.1	106
10	Plant Reactome: a resource for plant pathways and comparative analysis. <i>Nucleic Acids Research</i> , 2017, 45, D1029-D1039.	14.5	95
11	Gramene 2021: harnessing the power of comparative genomics and pathways for plant research. <i>Nucleic Acids Research</i> , 2021, 49, D1452-D1463.	14.5	83
12	Maize Metabolic Network Construction and Transcriptome Analysis. <i>Plant Genome</i> , 2013, 6, plantgenome2012.09.0025.	2.8	63
13	The floral transcriptome of <i>Eucalyptus grandis</i> . <i>New Phytologist</i> , 2015, 206, 1406-1422.	7.3	61
14	De Novo Transcriptome Assembly and Analyses of Gene Expression during Photomorphogenesis in Diploid Wheat <i>Triticum monococcum</i> . <i>PLoS ONE</i> , 2014, 9, e96855.	2.5	55
15	AgBioData consortium recommendations for sustainable genomics and genetics databases for agriculture. <i>Database: the Journal of Biological Databases and Curation</i> , 2018, 2018, .	3.0	52
16	Gramene database: Navigating plant comparative genomics resources. <i>Current Plant Biology</i> , 2016, 7-8, 10-15.	4.7	51
17	Plant Reactome: a knowledgebase and resource for comparative pathway analysis. <i>Nucleic Acids Research</i> , 2020, 48, D1093-D1103.	14.5	44
18	Plant lectins and their many roles: Carbohydrate-binding and beyond. <i>Journal of Plant Physiology</i> , 2021, 266, 153531.	3.5	43

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19	Targeted inactivation of the psaK1, psaK2 and psaM genes encoding subunits of Photosystem I in the cyanobacterium <i>Synechocystis</i> sp. PCC 6803. <i>Photosynthesis Research</i> , 2000, 63, 225-236.	2.9	34
20	Towards an open grapevine information system. <i>Horticulture Research</i> , 2016, 3, 16056.	6.3	34
21	The menD and menE homologs code for 2-succinyl-6-hydroxyl-2,4-cyclohexadiene-1-carboxylate synthase and O-succinylbenzoic acid-CoA synthase in the phyloquinone biosynthetic pathway of <i>Synechocystis</i> sp. PCC 6803. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2003, 1557, 67-76.	1.0	30
22	VitisCyc: a metabolic pathway knowledgebase for grapevine (<i>Vitis vinifera</i>). <i>Frontiers in Plant Science</i> , 2014, 5, 644.	3.6	23
23	Beyond gene ontology (GO): using biocuration approach to improve the gene nomenclature and functional annotation of rice S-domain kinase subfamily. <i>PeerJ</i> , 2021, 9, e11052.	2.0	16
24	FragariaCyc: A Metabolic Pathway Database for Woodland Strawberry <i>Fragaria vesca</i> . <i>Frontiers in Plant Science</i> , 2016, 7, 242.	3.6	12
25	Involving community in genes and pathway curation. <i>Database: the Journal of Biological Databases and Curation</i> , 2019, 2019, .	3.0	12
26	Variant Effect Prediction Analysis Using Resources Available at Gramene Database. <i>Methods in Molecular Biology</i> , 2017, 1533, 279-297.	0.9	11
27	Chia (<i>Salvia hispanica</i>) Gene Expression Atlas Elucidates Dynamic Spatio-Temporal Changes Associated With Plant Growth and Development. <i>Frontiers in Plant Science</i> , 2021, 12, 667678.	3.6	11
28	ThepsbE-F-L-J operon from chloroplast genome of <i>Populus deltoides</i> : Cloning, nucleotide sequence and transcript analysis. <i>Journal of Genetics</i> , 1997, 76, 61-72.	0.7	7
29	Remembering Professor Prasanna K. Mohanty (April 1, 1934 – March 9, 2013). <i>Current Plant Biology</i> , 2018, 13, 2-5.	4.7	7
30	Plant Reactome and PubChem: The Plant Pathway and (Bio)Chemical Entity Knowledgebases. <i>Methods in Molecular Biology</i> , 2022, 2443, 511-525.	0.9	7
31	Plants and global climate change: A need for sustainable agriculture. <i>Current Plant Biology</i> , 2016, 6, 1.	4.7	6
32	Pathway Analysis and Omics Data Visualization Using Pathway Genome Databases: <i>FragariaCyc</i> , a Case Study. <i>Methods in Molecular Biology</i> , 2017, 1533, 241-256.	0.9	3
33	Characterization of the orf31-petG gene cluster from the plastid genome of <i>Populus deltoides</i> . <i>IUBMB Life</i> , 1997, 43, 433-442.	3.4	2
34	SCR. , 2013, , 58-66.		2
35	The S-Locus Cysteine-Rich Peptide SCR/SP11. , 2006, , 41-47.		1
36	Remembering Donald J. Armstrong (1937–2019). <i>Current Plant Biology</i> , 2019, 20, 100130.	4.7	1

#	ARTICLE	IF	CITATIONS
37	Lalit Mohan Srivastava (1931–2012): a highly-respected authority on plant growth, hormones, and environment. <i>Current Plant Biology</i> , 2021, 25, 100183.	4.7	1
38	Remembering Johannes Manjrekar (5 June 1957–09 February 2020). <i>Current Plant Biology</i> , 2021, 26, 100207.	4.7	1
39	Remembering Professor Krishna K. Tewari (1937–2017): A Pioneer in Plant Molecular Biology. <i>Current Plant Biology</i> , 2022, 29, 100240.	4.7	1
40	A MODEL PLANT GENOME RESOURCE AND COMPARATIVE GENOMICS. <i>Acta Horticulturae</i> , 2010, , 31-41.	0.2	0
41	Genomic resources and databases for plant research community. <i>Current Plant Biology</i> , 2016, 7-8, 1.	4.7	0
42	Editorial Plant Development Volume -9 (June 2017). <i>Current Plant Biology</i> , 2017, 9-10, 2.	4.7	0
43	Resources and Tools for Generating and Mining Big Data. <i>Current Plant Biology</i> , 2017, 11-12, 1.	4.7	0
44	Editorial Special Issue: Plant interactions with microbes and environment. <i>Current Plant Biology</i> , 2020, 23, 100168.	4.7	0
45	Current biology special issue: AGR12019. <i>Current Plant Biology</i> , 2020, 22, 100155.	4.7	0