

Dhineshkumar Thiruppathi

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

353
citations

1040056

9
h-index

888059

17
g-index

23
all docs

23
docs citations

23
times ranked

739
citing authors

#	ARTICLE	IF	CITATIONS
1	OUP accepted manuscript. Plant Physiology, 2022, , .	4.8	1
2	Pleiotropic and nonredundant effects of an auxin importer in <i>Setaria</i> and maize. Plant Physiology, 2022, 189, 715-734.	4.8	7
3	OUP accepted manuscript. Plant Physiology, 2021, 187, 1284-1285.	4.8	2
4	Deep learning-based high-throughput phenotyping accelerates gene discovery for stomatal traits. Plant Physiology, 2021, 187, 1273-1275.	4.8	5
5	A new normal: recovery lessons learned from symplastic "lockdown" of the root stem cell niche. Plant Physiology, 2021, 185, 1481-1482.	4.8	0
6	Why so stubborn? MtKNOX4-regulated MtKCS12 manifests hardseededness. Plant Physiology, 2021, 186, 1367-1368.	4.8	1
7	Maize RNA Polymerase III Subunit NRPC2: New Kid on the Kernel Development Block. Plant Physiology, 2020, 184, 12-13.	4.8	1
8	SPLICED in the Seeds: Integration of Abscisic Acid and Light Signaling in Arabidopsis. Plant Physiology, 2020, 183, 445-446.	4.8	3
9	Molecular Snapshots of the AKT1-CIPK23 Complex Involved in K ⁺ Uptake. Plant Physiology, 2020, 182, 1814-1815.	4.8	2
10	Mix, Match, and Maize: A Synthetic System for Maize Nuclear Auxin Response Circuits. Plant Physiology, 2020, 183, 416-417.	4.8	1
11	AtPR5K2, a PR5-Like Receptor Kinase, Modulates Plant Responses to Drought Stress by Phosphorylating Protein Phosphatase 2Cs. Frontiers in Plant Science, 2019, 10, 1146.	3.6	31
12	Getting closer: vein density in C ₄ leaves. New Phytologist, 2019, 221, 1260-1267.	7.3	16
13	Arabidopsis thaliana RECEPTOR DEAD KINASE1 Functions as a Positive Regulator in Plant Responses to ABA. Molecular Plant, 2017, 10, 223-243.	8.3	91
14	A Strategy to Validate the Role of Callose-mediated Plasmodesmal Gating in the Tropic Response. Journal of Visualized Experiments, 2016, , .	0.3	3
15	Players at plasmodesmal nano-channels. Journal of Plant Biology, 2015, 58, 75-86.	2.1	17
16	Cell-to-cell movement of viruses via plasmodesmata. Journal of Plant Research, 2015, 128, 37-47.	2.4	29
17	GAL4 Transactivation-Based Assay for the Detection of Selective Intercellular Protein Movement. Methods in Molecular Biology, 2015, 1217, 231-243.	0.9	0
18	Proteomic Analysis to Identify Tightly-Bound Cell Wall Protein in Rice Calli. Molecules and Cells, 2015, 38, 685-696.	2.6	15

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19	Transcription factor-mediated cell-to-cell signalling in plants. <i>Journal of Experimental Botany</i> , 2014, 65, 1737-1749.	4.8	82
20	RNA-seq analysis of <i>Rubus idaeus</i> cv. Nova: transcriptome sequencing and de novo assembly for subsequent functional genomics approaches. <i>Plant Cell Reports</i> , 2014, 33, 1617-1628.	5.6	18
21	Plasmodesmata and Phloem-Based Trafficking of Macromolecules. , 2013, , 183-216.		0
22	Computational identification and phylogenetic analysis of the oil-body structural proteins, oleosin and caleosin, in castor bean and flax. <i>Gene</i> , 2013, 515, 454-460.	2.2	28