

Ronghui Pan

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

663
citations

567281

15
h-index

677142

22
g-index

23
all docs

23
docs citations

23
times ranked

808
citing authors

#	ARTICLE	IF	CITATIONS
1	Seed priming and foliar application with jasmonic acid enhance salinity stress tolerance of soybean (<i>Glycine max</i> L.) seedlings. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 2027-2041.	3.5	74
2	Cardiolipin-Mediated Mitochondrial Dynamics and Stress Response in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2014, 26, 391-409.	6.6	73
3	Peroxisomes: versatile organelles with diverse roles in plants. <i>New Phytologist</i> , 2020, 225, 1410-1427.	7.3	68
4	Spermidine Enhances Heat Tolerance of Rice Seeds by Modulating Endogenous Starch and Polyamine Metabolism. <i>Molecules</i> , 2019, 24, 1395.	3.8	47
5	Low Temperature Enhances Plant Immunity via Salicylic Acid Pathway Genes That Are Repressed by Ethylene. <i>Plant Physiology</i> , 2020, 182, 626-639.	4.8	40
6	E3 ubiquitin ligase SP1 regulates peroxisome biogenesis in <i>Arabidopsis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E7307-E7316.	7.1	37
7	Maize annexin genes <i>ZmANN33</i> and <i>ZmANN35</i> encode proteins that function in cell membrane recovery during seed germination. <i>Journal of Experimental Botany</i> , 2019, 70, 1183-1195.	4.8	37
8	Polyamine biosynthetic pathways and their relation with the cold tolerance of maize (<i>Zea mays</i>) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.4	33
9	The <i>Arabidopsis</i> mitochondrial membrane-bound ubiquitin protease UBP27 contributes to mitochondrial morphogenesis. <i>Plant Journal</i> , 2014, 78, 1047-1059.	5.7	32
10	Proteome analysis of peroxisomes from dark-treated senescent <i>Arabidopsis</i> leaves. <i>Journal of Integrative Plant Biology</i> , 2018, 60, 1028-1050.	8.5	32
11	Seed Priming with Spermidine and Trehalose Enhances Chilling Tolerance of Rice via Different Mechanisms. <i>Journal of Plant Growth Regulation</i> , 2020, 39, 669-679.	5.1	30
12	Peroxisomes in plant reproduction and seed-related development. <i>Journal of Integrative Plant Biology</i> , 2019, 61, 784-802.	8.5	26
13	The conserved fission complex on peroxisomes and mitochondria. <i>Plant Signaling and Behavior</i> , 2011, 6, 870-872.	2.4	25
14	The <i>Arabidopsis</i> E3 Ubiquitin Ligase SP1 Targets to Chloroplasts, Peroxisomes, and Mitochondria. <i>Plant Physiology</i> , 2018, 176, 480-482.	4.8	23
15	Suppression of LOX activity enhanced seed vigour and longevity of tobacco (<i>Nicotiana tabacum</i> L.) seeds during storage. , 2018, 6, coy047.		17
16	Proteome of Plant Peroxisomes. <i>Sub-Cellular Biochemistry</i> , 2018, 89, 3-45.	2.4	16
17	The E3 ubiquitin ligase SP1-like 1 plays a positive role in peroxisome biogenesis in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2018, 94, 836-846.	5.7	15
18	Unprecedented organelle genomic variations in morning glories reveal independent evolutionary scenarios of parasitic plants and the diversification of plant mitochondrial complexes. <i>BMC Biology</i> , 2022, 20, 49.	3.8	14

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19	Plant mitochondrial dynamics and the role of membrane lipids. <i>Plant Signaling and Behavior</i> , 2015, 10, e1050573.	2.4	9
20	Sequence and biochemical analysis of Arabidopsis SP1 protein, a regulator of organelle biogenesis. <i>Communicative and Integrative Biology</i> , 2017, 10, e1338991.	1.4	5
21	Defining upstream enhancing and inhibiting sequence patterns for plant peroxisome targeting signal type 1 using large-scale <i>in silico</i> and <i>in vivo</i> analyses. <i>Plant Journal</i> , 2022, 111, 567-582.	5.7	5
22	Mitochondrial Phylogenomics of Fagales Provides Insights Into Plant Mitogenome Mosaic Evolution. <i>Frontiers in Plant Science</i> , 2021, 12, 762195.	3.6	4
23	Evaluation of seed quality based on changes of internal substances during tobacco seed (Nicotiana) Tj ETQq1 1 0.784314 rgBT /Overl	3.4	1