

Jin-Zheng Wang

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

721
citations

687363

13
h-index

839539

18
g-index

21
all docs

21
docs citations

21
times ranked

1185
citing authors

#	ARTICLE	IF	CITATIONS
1	Retrograde Signals: Integrators of Interorganellar Communication and Orchestrators of Plant Development. Annual Review of Plant Biology, 2017, 68, 85-108.	18.7	188
2	Cytokinins can act as suppressors of nitric oxide in <i>Arabidopsis</i> . Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 1548-1553.	7.1	108
3	Plastid-produced interorganellar stress signal MEcPP potentiates induction of the unfolded protein response in endoplasmic reticulum. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 6212-6217.	7.1	82
4	The plastidial retrograde signal methyl erythritol cyclopyrophosphate is a regulator of salicylic acid and jasmonic acid crosstalk. Journal of Experimental Botany, 2016, 67, 1557-1566.	4.8	51
5	Nitric oxide induces cotyledon senescence involving co-operation of the NES1/MAD1 and EIN2-associated ORE1 signalling pathways in <i>Arabidopsis</i> . Journal of Experimental Botany, 2014, 65, 4051-4063.	4.8	44
6	Review of stress specific organelles-to-nucleus metabolic signal molecules in plants. Plant Science, 2013, 212, 102-107.	3.6	38
7	Integrated omics analyses of retrograde signaling mutant delineate interrelated stress response strata. Plant Journal, 2017, 91, 70-84.	5.7	36
8	Nitric oxide restrain root growth by DNA damage induced cell cycle arrest in <i>Arabidopsis thaliana</i> . Nitric Oxide - Biology and Chemistry, 2012, 26, 54-60.	2.7	31
9	Interplay of the two ancient metabolites auxin and MEcPP regulates adaptive growth. Nature Communications, 2018, 9, 2262.	12.8	27
10	Initiation of ER Body Formation and Indole Glucosinolate Metabolism by the Plastidial Retrograde Signaling Metabolite, MEcPP. Molecular Plant, 2017, 10, 1400-1416.	8.3	26
11	ER: the Silk Road of interorganellar communication. Current Opinion in Plant Biology, 2018, 45, 171-177.	7.1	23
12	Nitric oxide modifies root growth by S-nitrosylation of plastidial glyceraldehyde-3-phosphate dehydrogenase. Biochemical and Biophysical Research Communications, 2017, 488, 88-94.	2.1	20
13	SHB1/HY1 Alleviates Excess Boron Stress by Increasing BOR4 Expression Level and Maintaining Boron Homeostasis in <i>Arabidopsis</i> Roots. Frontiers in Plant Science, 2017, 8, 790.	3.6	20
14	Uncovering the functional residues of <i>Arabidopsis</i> isoprenoid biosynthesis enzyme HDS. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 355-361.	7.1	10
15	Tetrahydrofolate Modulates Floral Transition through Epigenetic Silencing. Plant Physiology, 2017, 174, 1274-1284.	4.8	9
16	A plastidial retrograde signal potentiates biosynthesis of systemic stress response activators. New Phytologist, 2022, 233, 1732-1749.	7.3	4
17	<i>TEB</i> / <i>POLQ</i> plays dual roles in protecting <i>Arabidopsis</i> from NO-induced DNA damage. Nucleic Acids Research, 2022, 50, 6820-6836.	14.5	2
18	ADH2/GSNOR1 is a key player in limiting genotoxic damage mediated by formaldehyde and UV-B in <i>Arabidopsis</i> . Plant, Cell and Environment, 2022, 45, 378-391.	5.7	1

#	ARTICLE	IF	CITATIONS
19	Reciprocity between a retrograde signal and a putative metalloprotease reconfigures plastidial metabolic and structural states. <i>Science Advances</i> , 2022, 8, .	10.3	1