

# 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	ADH2/GSNOR1 is a key player in limiting genotoxic damage mediated by formaldehyde and UVâ€B in <i>Arabidopsis</i> . <i>Plant, Cell and Environment</i> , 2022, 45, 378-391.	5.7	1
2	A plastidial retrograde signal potentiates biosynthesis of systemic stress response activators. <i>New Phytologist</i> , 2022, 233, 1732-1749.	7.3	4
3	Reciprocity between a retrograde signal and a putative metalloprotease reconfigures plastidial metabolic and structural states. <i>Science Advances</i> , 2022, 8, .	10.3	1
4	<i>TEB</i> / <i>POLQ</i> plays dual roles in protecting <i>Arabidopsis</i> from NO-induced DNA damage. <i>Nucleic Acids Research</i> , 2022, 50, 6820-6836.	14.5	2
5	Uncovering the functional residues of <i>Arabidopsis</i> isoprenoid biosynthesis enzyme HDS. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 355-361.	7.1	10
6	ER: the Silk Road of interorganellar communication. <i>Current Opinion in Plant Biology</i> , 2018, 45, 171-177.	7.1	23
7	Interplay of the two ancient metabolites auxin and MEcPP regulates adaptive growth. <i>Nature Communications</i> , 2018, 9, 2262.	12.8	27
8	Tetrahydrofolate Modulates Floral Transition through Epigenetic Silencing. <i>Plant Physiology</i> , 2017, 174, 1274-1284.	4.8	9
9	Nitric oxide modifies root growth by S-nitrosylation of plastidial glyceraldehyde-3-phosphate dehydrogenase. <i>Biochemical and Biophysical Research Communications</i> , 2017, 488, 88-94.	2.1	20
10	Integrated omics analyses of retrograde signaling mutant delineate interrelated stressâ€response strata. <i>Plant Journal</i> , 2017, 91, 70-84.	5.7	36
11	Initiation of ER Body Formation and Indole Glucosinolate Metabolism by the Plastidial Retrograde Signaling Metabolite, MEcPP. <i>Molecular Plant</i> , 2017, 10, 1400-1416.	8.3	26
12	Retrograde Signals: Integrators of Interorganellar Communication and Orchestrators of Plant Development. <i>Annual Review of Plant Biology</i> , 2017, 68, 85-108.	18.7	188
13	SHB1/HY1 Alleviates Excess Boron Stress by Increasing BOR4 Expression Level and Maintaining Boron Homeostasis in <i>Arabidopsis</i> Roots. <i>Frontiers in Plant Science</i> , 2017, 8, 790.	3.6	20
14	The plastidial retrograde signal methyl erythritol cyclopyrophosphate is a regulator of salicylic acid and jasmonic acid crosstalk. <i>Journal of Experimental Botany</i> , 2016, 67, 1557-1566.	4.8	51
15	Plastid-produced interorganellar stress signal MEcPP potentiates induction of the unfolded protein response in endoplasmic reticulum. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 6212-6217.	7.1	82
16	Nitric oxide induces cotyledon senescence involving co-operation of the NES1/MAD1 and EIN2-associated ORE1 signalling pathways in <i>Arabidopsis</i> . <i>Journal of Experimental Botany</i> , 2014, 65, 4051-4063.	4.8	44
17	Review of stress specific organelles-to-nucleus metabolic signal molecules in plants. <i>Plant Science</i> , 2013, 212, 102-107.	3.6	38
18	Cytokinins can act as suppressors of nitric oxide in <i>Arabidopsis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 1548-1553.	7.1	108

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19	Nitric oxide restrain root growth by DNA damage induced cell cycle arrest in Arabidopsis thaliana. Nitric Oxide - Biology and Chemistry, 2012, 26, 54-60.	2.7	31