

Ziping Chen

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

729
citations

759233

12
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

553
citing authors

#	ARTICLE	IF	CITATIONS
1	Melatonin confers plant tolerance against cadmium stress via the decrease of cadmium accumulation and reestablishment of microRNA-mediated redox homeostasis. <i>Plant Science</i> , 2017, 261, 28-37.	3.6	177
2	The AtrbohF-dependent regulation of ROS signaling is required for melatonin-induced salinity tolerance in <i>Arabidopsis</i> . <i>Free Radical Biology and Medicine</i> , 2017, 108, 465-477.	2.9	128
3	Hydrogen peroxide acts downstream of melatonin to induce lateral root formation. <i>Annals of Botany</i> , 2018, 121, 1127-1136.	2.9	92
4	Transcriptional regulation of amino acid metabolism in response to nitrogen deficiency and nitrogen forms in tea plant root (<i>Camellia sinensis</i> L.). <i>Scientific Reports</i> , 2020, 10, 6868.	3.3	50
5	Melatonin Confers Plant Cadmium Tolerance: An Update. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11704.	4.1	48
6	Methane alleviates alfalfa cadmium toxicity via decreasing cadmium accumulation and reestablishing glutathione homeostasis. <i>Ecotoxicology and Environmental Safety</i> , 2018, 147, 861-871.	6.0	42
7	Molecular hydrogen-induced salinity tolerance requires melatonin signalling in <i>Arabidopsis thaliana</i> . <i>Plant, Cell and Environment</i> , 2021, 44, 476-490.	5.7	35
8	Theanine metabolism and transport in tea plants (<i>Camellia sinensis</i> L.): advances and perspectives. <i>Critical Reviews in Biotechnology</i> , 2023, 43, 327-341.	9.0	33
9	Overexpression of ethylene response factor ERF96 gene enhances selenium tolerance in <i>Arabidopsis</i> . <i>Plant Physiology and Biochemistry</i> , 2020, 149, 294-300.	5.8	31
10	Genetic elucidation of hydrogen signaling in plant osmotic tolerance and stomatal closure via hydrogen sulfide. <i>Free Radical Biology and Medicine</i> , 2020, 161, 1-14.	2.9	26
11	Crosstalk between Melatonin and Reactive Oxygen Species in Plant Abiotic Stress Responses: An Update. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5666.	4.1	26
12	The role of cytokinin in selenium stress response in <i>Arabidopsis</i> . <i>Plant Science</i> , 2019, 281, 122-132.	3.6	23
13	Theanine Improves Salt Stress Tolerance via Modulating Redox Homeostasis in Tea Plants (<i>Camellia</i>) Tj ETQq1 1 0.784314 rgBT /Over 3.6 9	3.6	9
14	Transcriptome analysis provides insights into the molecular bases in response to different nitrogen forms-induced oxidative stress in tea plant roots (<i>Camellia sinensis</i>). <i>Functional Plant Biology</i> , 2020, 47, 1073.	2.1	5
15	Loss-of-function mutations in the ERF96 gene enhance iron-deficient tolerance in <i>Arabidopsis</i> . <i>Plant Physiology and Biochemistry</i> , 2022, 175, 1-11.	5.8	4