

Wen-Jin Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,211
citations

393982

19
h-index

676716

22
g-index

24
all docs

24
docs citations

24
times ranked

1416
citing authors

#	ARTICLE	IF	CITATIONS
1	Prevention and treatment of COVID-19 using Traditional Chinese Medicine: A review. <i>Phytomedicine</i> , 2021, 85, 153308.	2.3	167
2	The roles of methyl jasmonate to stress in plants. <i>Functional Plant Biology</i> , 2019, 46, 197.	1.1	132
3	Silicon alleviates salt and drought stress of <i>Glycyrrhiza uralensis</i> seedling by altering antioxidant metabolism and osmotic adjustment. <i>Journal of Plant Research</i> , 2017, 130, 611-624.	1.2	108
4	Involvement of growth factors in diabetes mellitus and its complications: A general review. <i>Biomedicine and Pharmacotherapy</i> , 2018, 101, 510-527.	2.5	81
5	Interactions between Endophytes and Plants: Beneficial Effect of Endophytes to Ameliorate Biotic and Abiotic Stresses in Plants. <i>Journal of Plant Biology</i> , 2019, 62, 1-13.	0.9	79
6	<i>Attractylodis Rhizoma</i> : A review of its traditional uses, phytochemistry, pharmacology, toxicology and quality control. <i>Journal of Ethnopharmacology</i> , 2021, 266, 113415.	2.0	76
7	<i>Bacillus pumilus</i> alleviates drought stress and increases metabolite accumulation in <i>Glycyrrhiza uralensis</i> Fisch.. <i>Environmental and Experimental Botany</i> , 2019, 158, 99-106.	2.0	68
8	Response of Carbon and Nitrogen Metabolism and Secondary Metabolites to Drought Stress and Salt Stress in Plants. <i>Journal of Plant Biology</i> , 2019, 62, 387-399.	0.9	59
9	Echinacoside Alleviates Hypoxic-Ischemic Brain Injury in Neonatal Rat by Enhancing Antioxidant Capacity and Inhibiting Apoptosis. <i>Neurochemical Research</i> , 2019, 44, 1582-1592.	1.6	45
10	Silicon nutrition alleviates the lipid peroxidation and ion imbalance of <i>Glycyrrhiza uralensis</i> seedlings under salt stress. <i>Acta Physiologiae Plantarum</i> , 2016, 38, 1.	1.0	42
11	Growth-promoting bacteria alleviates drought stress of <i>G. uralensis</i> through improving photosynthesis characteristics and water status. <i>Journal of Plant Interactions</i> , 2019, 14, 580-589.	1.0	37
12	Protective effects of betaine on diabetic induced disruption of the male mice blood-testis barrier by regulating oxidative stress-mediated p38 MAPK pathways. <i>Biomedicine and Pharmacotherapy</i> , 2019, 120, 109474.	2.5	36
13	Neuroprotective effect of Vanillin on hypoxic-ischemic brain damage in neonatal rats. <i>Biomedicine and Pharmacotherapy</i> , 2019, 118, 109196.	2.5	34
14	Beneficial effects of silicon on abiotic stress tolerance in legumes. <i>Journal of Plant Nutrition</i> , 2017, 40, 2224-2236.	0.9	33
15	Effect of water stress on roots biomass and secondary metabolites in the medicinal plant <i>Stellaria dichotoma</i> L. var. <i>lanceolata</i> Bge. <i>Scientia Horticulturae</i> , 2017, 224, 280-285.	1.7	33
16	Pharmacodynamic material basis of traditional Chinese medicine based on biomacromolecules: a review. <i>Plant Methods</i> , 2020, 16, 26.	1.9	33
17	Silicon improves salt tolerance of <i>Glycyrrhiza uralensis</i> Fisch. by ameliorating osmotic and oxidative stresses and improving phytohormonal balance. <i>Environmental Science and Pollution Research</i> , 2018, 25, 25916-25932.	2.7	32
18	Antinociceptive effect of isorientin against neuropathic pain induced by the chronic constriction injury of the sciatic nerve in mice. <i>International Immunopharmacology</i> , 2019, 75, 105753.	1.7	27

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19	Development a multi-immunoaffinity column LC-MS-MS method for comprehensive investigation of mycotoxins contamination and co-occurrence in traditional Chinese medicinal materials. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1178, 122730.	1.2	27
20	Protective effects of Salidroside on spermatogenesis in streptozotocin induced type-1 diabetic male mice by inhibiting oxidative stress mediated blood-testis barrier damage. <i>Chemico-Biological Interactions</i> , 2020, 315, 108869.	1.7	21
21	Natural Antioxidants Improve the Vulnerability of Cardiomyocytes and Vascular Endothelial Cells under Stress Conditions: A Focus on Mitochondrial Quality Control. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-27.	1.9	20
22	Exogenous silicon relieve drought stress and salt stress of <i>Glycyrrhiza uralensis</i> seedlings by regulating proline metabolism and nitrogen assimilation. <i>Journal of Horticultural Science and Biotechnology</i> , 0, , 1-10.	0.9	12
23	<i>Bacillus</i> sp. G2 improved the growth of <i>Glycyrrhiza uralensis</i> Fisch. related to antioxidant metabolism and osmotic adjustment. <i>Acta Physiologiae Plantarum</i> , 2021, 43, 1.	1.0	9