

Jinggong Guo

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

628
citations

687363

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642732

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all docs

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docs citations

30
times ranked

864
citing authors

#	ARTICLE	IF	CITATIONS
1	Global Dynamic Molecular Profiling of Stomatal Lineage Cell Development by Single-Cell RNA Sequencing. <i>Molecular Plant</i> , 2020, 13, 1178-1193.	8.3	126
2	Biocatalysis of carboxylic acid reductases: phylogenesis, catalytic mechanism and potential applications. <i>Green Chemistry</i> , 2018, 20, 777-792.	9.0	62
3	A simple and cost-effective method for screening of CRISPR/Cas9-induced homozygous/biallelic mutants. <i>Plant Methods</i> , 2018, 14, 40.	4.3	42
4	Negative Roles of Strigolactone-Related SMXL6, 7 and 8 Proteins in Drought Resistance in Arabidopsis. <i>Biomolecules</i> , 2020, 10, 607.	4.0	40
5	Sinapic acid or its derivatives interfere with abscisic acid homeostasis during Arabidopsis thaliana seed germination. <i>BMC Plant Biology</i> , 2017, 17, 99.	3.6	36
6	Cloning of the Lycopene β -cyclase Gene in Nicotiana tabacum and Its Overexpression Confers Salt and Drought Tolerance. <i>International Journal of Molecular Sciences</i> , 2015, 16, 30438-30457.	4.1	33
7	Mass Spectrometry for Analysis of Changes during Food Storage and Processing. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 6956-6966.	5.2	33
8	A transient transformation system for gene characterization in upland cotton (<i>Gossypium hirsutum</i>). <i>Plant Methods</i> , 2018, 14, 50.	4.3	27
9	WRKY33-PIF4 loop is required for the regulation of H ₂ O ₂ homeostasis. <i>Biochemical and Biophysical Research Communications</i> , 2020, 527, 922-928.	2.1	25
10	Data mining of amine dehydrogenases for the synthesis of enantiopure amino alcohols. <i>Catalysis Science and Technology</i> , 2020, 10, 5945-5952.	4.1	21
11	Integrated Functional Omics Analysis of Flavonoid-Related Metabolism in <i>AtMYB12</i> Transcript Factor Overexpressed Tomato. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 6776-6787.	5.2	20
12	Computer-assisted engineering of the catalytic activity of a carboxylic acid reductase. <i>Journal of Biotechnology</i> , 2019, 306, 97-104.	3.8	18
13	Characterization and functional analysis of phytoene synthase gene family in tobacco. <i>BMC Plant Biology</i> , 2021, 21, 32.	3.6	18
14	Visualization of lipids in cottonseeds by matrix-assisted laser desorption/ionization mass spectrometry imaging. <i>Talanta</i> , 2021, 221, 121614.	5.5	15
15	Profiling of the Receptor for Activated C Kinase 1a (RACK1a) interaction network in Arabidopsis thaliana. <i>Biochemical and Biophysical Research Communications</i> , 2019, 520, 366-372.	2.1	14
16	Metabolism Study of Veratramine Associated with Neurotoxicity by Using HPLC-MS. <i>Journal of Chromatographic Science</i> , 2015, 53, 1092-1099.	1.4	13
17	Genome-wide identification, characterization and expression profiles of the CCD gene family in <i>Gossypium</i> species. <i>3 Biotech</i> , 2021, 11, 249.	2.2	11
18	Different strategies of strigolactone and karrikin signals in regulating the resistance of <i>Arabidopsis thaliana</i> to water-deficit stress. <i>Plant Signaling and Behavior</i> , 2020, 15, 1789321.	2.4	10

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19	Osmotically stress-regulated the expression of glutathione peroxidase 3 in Arabidopsis. Science Bulletin, 2007, 52, 127-130.	1.7	9
20	Genotyping-by-Sequencing of <i>Gossypium hirsutum</i> Races and Cultivars Uncovers Novel Patterns of Genetic Relationships and Domestication Footprints. Evolutionary Bioinformatics, 2019, 15, 117693431988994.	1.2	8
21	COE 1 and GUN1 regulate the adaptation of plants to high light stress. Biochemical and Biophysical Research Communications, 2020, 521, 184-189.	2.1	8
22	A Structure-Activity Relationship between the <i>Veratrum</i> Alkaloids on the Antihypertension and DNA Damage Activity in Mice. Chemistry and Biodiversity, 2020, 17, e1900473.	2.1	8
23	Chemical compounds with a neuroprotective effect from the seeds of <i>Celosia argentea</i> L.. Food and Function, 2021, 12, 83-96.	4.6	6
24	Mass spectrometry investigation of nucleoside adducts of fatty acid hydroperoxides from oxidation of linolenic and linoleic acids. Journal of Chromatography A, 2021, 1649, 462236.	3.7	6
25	Identification and Characterization of Cinnamyl Alcohol Dehydrogenase Encoding Genes Involved in Lignin Biosynthesis and Resistance to <i>Verticillium dahliae</i> in Upland Cotton (<i>Gossypium hirsutum</i> L.). Frontiers in Plant Science, 2022, 13, 840397.	3.6	5
26	Functional characterization and comparison of lycopene epsilon-cyclase genes in <i>Nicotiana tabacum</i> . BMC Plant Biology, 2022, 22, .	3.6	5
27	Sinapate Esters Mediate UV-B-Induced Stomatal Closure by Regulating Nitric Oxide, Hydrogen Peroxide, and Malate Accumulation in <i>Arabidopsis thaliana</i> . Plant and Cell Physiology, 2022, , .	3.1	1