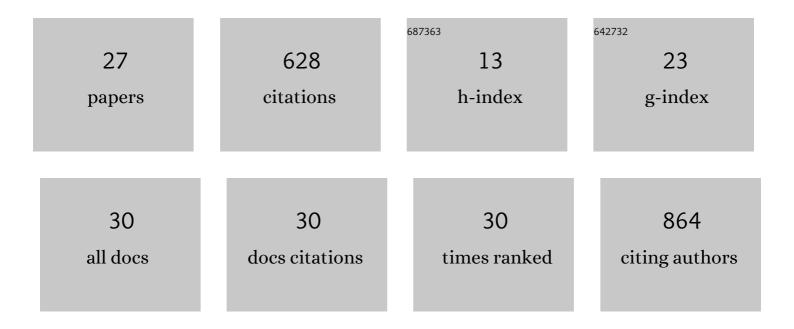
Jinggong Guo

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	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
2	Identification and Characterization of Cinnamyl Alcohol Dehydrogenase Encoding Genes Involved in Lignin Biosynthesis and Resistance to Verticillium dahliae in Upland Cotton (Gossypium hirsutum L.). Frontiers in Plant Science, 2022, 13, 840397.	3.6	5
3	Functional characterization and comparison of lycopene epsilon-cyclase genes in Nicotiana tabacum. BMC Plant Biology, 2022, 22, .	3.6	5
4	Visualization of lipids in cottonseeds by matrix-assisted laser desorption/ionization mass spectrometry imaging. Talanta, 2021, 221, 121614.	5.5	15
5	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
6	Characterization and functional analysis of phytoene synthase gene family in tobacco. BMC Plant Biology, 2021, 21, 32.	3.6	18
7	Genome-wide identification, characterization and expression profiles of the CCD gene family in Gossypium species. 3 Biotech, 2021, 11, 249.	2.2	11
8	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
9	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
10	Different strategies of strigolactone and karrikin signals in regulating the resistance of <i>Arabidopsis thaliana</i> to water-deficit stress. Plant Signaling and Behavior, 2020, 15, 1789321.	2.4	10
11	Data mining of amine dehydrogenases for the synthesis of enantiopure amino alcohols. Catalysis Science and Technology, 2020, 10, 5945-5952.	4.1	21
12	Integrated Functional Omics Analysis of Flavonoid-Related Metabolism in <i>AtMYB12</i> Transcript Factor Overexpressed Tomato. Journal of Agricultural and Food Chemistry, 2020, 68, 6776-6787.	5.2	20
13	Mass Spectrometry for Analysis of Changes during Food Storage and Processing. Journal of Agricultural and Food Chemistry, 2020, 68, 6956-6966.	5.2	33
14	Global Dynamic Molecular Profiling of Stomatal Lineage Cell Development by Single-Cell RNA Sequencing. Molecular Plant, 2020, 13, 1178-1193.	8.3	126
15	A Structureâ€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
16	Negative Roles of Strigolactone-Related SMXL6, 7 and 8 Proteins in Drought Resistance in Arabidopsis. Biomolecules, 2020, 10, 607.	4.0	40
17	WRKY33-PIF4 loop is required for the regulation of H2O2 homeostasis. Biochemical and Biophysical Research Communications, 2020, 527, 922-928.	2.1	25
18	Profiling of the Receptor for Activated C Kinase 1a (RACK1a) interaction network in Arabidopsis thaliana. Biochemical and Biophysical Research Communications, 2019, 520, 366-372.	2.1	14

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19	Computer-assisted engineering of the catalytic activity of a carboxylic acid reductase. Journal of Biotechnology, 2019, 306, 97-104.	3.8	18
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	Biocatalysis of carboxylic acid reductases: phylogenesis, catalytic mechanism and potential applications. Green Chemistry, 2018, 20, 777-792.	9.0	62
22	A transient transformation system for gene characterization in upland cotton (Gossypium hirsutum). Plant Methods, 2018, 14, 50.	4.3	27
23	A simple and cost-effective method for screening of CRISPR/Cas9-induced homozygous/biallelic mutants. Plant Methods, 2018, 14, 40.	4.3	42
24	Sinapic acid or its derivatives interfere with abscisic acid homeostasis during Arabidopsis thaliana seed germination. BMC Plant Biology, 2017, 17, 99.	3.6	36
25	Cloning of the Lycopene β-cyclase Gene in Nicotiana tabacum and Its Overexpression Confers Salt and Drought Tolerance. International Journal of Molecular Sciences, 2015, 16, 30438-30457.	4.1	33
26	Metabolism Study of Veratramine Associated with Neurotoxicity by Using HPLC–MS <i>ⁿ</i> . Journal of Chromatographic Science, 2015, 53, 1092-1099.	1.4	13
27	Osmotically stress-regulated the expression of glutathione peroxidase 3 in Arabidopsis. Science Bulletin, 2007, 52, 127-130.	1.7	9