

Xiwen Chen

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

401
citations

933447

10
h-index

839539

18
g-index

20
all docs

20
docs citations

20
times ranked

658
citing authors

#	ARTICLE	IF	CITATIONS
1	Receptor-like kinase HAESA-like 1 positively regulates seed longevity in Arabidopsis. <i>Planta</i> , 2022, 256, .	3.2	3
2	Chloroplastic Os3BGlu6 contributes significantly to cellular ABA pools and impacts drought tolerance and photosynthesis in rice. <i>New Phytologist</i> , 2020, 226, 1042-1054.	7.3	39
3	Os4BGlu14, a monoglucosyl-β-D-glucosidase, negatively affects seed longevity by influencing primary metabolism in rice. <i>Plant Molecular Biology</i> , 2020, 104, 513-527.	3.9	24
4	A Bacterium Isolated From Soil in a Karst Rocky Desertification Region Has Efficient Phosphate-Solubilizing and Plant Growth-Promoting Ability. <i>Frontiers in Microbiology</i> , 2020, 11, 625450.	3.5	9
5	Expression and characterization of recombinant human lactoferrin in edible alga <i>Chlamydomonas reinhardtii</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2019, 83, 851-859.	1.3	9
6	Specific roles of Os4BGlu10, Os6BGlu24, and Os9BGlu33 in seed germination, root elongation, and drought tolerance in rice. <i>Planta</i> , 2019, 249, 1851-1861.	3.2	17
7	Water-soluble phosphorus contributes significantly to shaping the community structure of rhizospheric bacteria in rocky desertification areas. <i>Scientific Reports</i> , 2019, 9, 18408.	3.3	11
8	Directed Evolution of <i>Dunaliella salina</i> Ds-26-16 and Salt-Tolerant Response in <i>Escherichia coli</i> . <i>International Journal of Molecular Sciences</i> , 2016, 17, 1813.	4.1	6
9	Proteomic Analyses Reveal the Mechanism of <i>Dunaliella salina</i> Ds-26-16 Gene Enhancing Salt Tolerance in <i>Escherichia coli</i> . <i>PLoS ONE</i> , 2016, 11, e0153640.	2.5	24
10	Catalytic improvement and structural analysis of atrazine chlorohydrolase by site-saturation mutagenesis. <i>Bioscience, Biotechnology and Biochemistry</i> , 2016, 80, 1336-1343.	1.3	2
11	Cyclase inhibitor tripropylamine significantly enhanced lycopene accumulation in <i>Blakeslea trispora</i> . <i>Journal of Bioscience and Bioengineering</i> , 2016, 122, 570-576.	2.2	20
12	Genome-wide analysis of Dongxiang wild rice (<i>Oryza rufipogon</i> Griff.) to investigate lost/acquired genes during rice domestication. <i>BMC Plant Biology</i> , 2016, 16, 103.	3.6	37
13	Specific roles of tocopherols and tocotrienols in seed longevity and germination tolerance to abiotic stress in transgenic rice. <i>Plant Science</i> , 2016, 244, 31-39.	3.6	36
14	Evaluation of the Agronomic Performance of Atrazine-Tolerant Transgenic japonica Rice Parental Lines for Utilization in Hybrid Seed Production. <i>PLoS ONE</i> , 2014, 9, e108569.	2.5	8
15	Identification of a Role for the PI3K/AKT/mTOR Signaling Pathway in Innate Immune Cells. <i>PLoS ONE</i> , 2014, 9, e94496.	2.5	134
16	Tocopherol-deficient rice plants display increased sensitivity to photooxidative stress. <i>Planta</i> , 2014, 239, 1351-1362.	3.2	10
17	Identifying functional residues in <i>Arabidopsis thaliana</i> zeta class glutathione S-transferase through screening inactive point mutants. <i>Biochemistry (Moscow)</i> , 2010, 75, 110-114.	1.5	3
18	Assessing Genetic Diversity of Chinese Cultivated Barley by STS Markers. <i>Genetic Resources and Crop Evolution</i> , 2006, 53, 1665-1673.	1.6	9

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19	Cloning and activity analysis of in vitro expression of plant NAD-IDH genes. Science Bulletin, 2004, 49, 328-336.	1.7	0