Bohan Liu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6376371/publications.pdf

Version: 2024-02-01

27 papers	874 citations	471509 17 h-index	526287 27 g-index
27 all docs	27 docs citations	27 times ranked	1087 citing authors

#	Article	IF	Citations
1	Multiple phytohormones promote root hair elongation by regulating a similar set of genes in the root epidermis in Arabidopsis. Journal of Experimental Botany, 2016, 67, 6363-6372.	4.8	78
2	OsmiR535, a Potential Genetic Editing Target for Drought and Salinity Stress Tolerance in Oryza sativa. Plants, 2020, 9, 1337.	3.5	73
3	Toxicological effects of bisphenol A on growth and antioxidant defense system in Oryza sativa as revealed by ultrastructure analysis. Ecotoxicology and Environmental Safety, 2016, 124, 277-284.	6.0	62
4	The Arabidopsis Gene zinc finger protein 3(ZFP3) Is Involved in Salt Stress and Osmotic Stress Response. PLoS ONE, 2016, 11, e0168367.	2.5	53
5	ABA-induced CCCH tandem zinc finger protein OsC3H47 decreases ABA sensitivity and promotes drought tolerance in Oryza sativa. Biochemical and Biophysical Research Communications, 2015, 464, 33-37.	2.1	52
6	Characterization ofRolled and Erect Leaf 1in regulating leave morphology in rice. Journal of Experimental Botany, 2015, 66, 6047-6058.	4.8	52
7	Involvement of ethylene signaling in zinc oxide nanoparticle-mediated biochemical changes inArabidopsis thalianaleaves. Environmental Science: Nano, 2019, 6, 341-355.	4.3	50
8	Ethylene mediates dichromate-induced oxidative stress and regulation of the enzymatic antioxidant system-related transcriptome in Arabidopsis thaliana. Environmental and Experimental Botany, 2019, 161, 166-179.	4.2	50
9	Ethylene mediates dichromateâ€induced inhibition of primary root growth by altering AUX1 expression and auxin accumulation in <scp>Arabidopsis thaliana</scp>. Plant, Cell and Environment, 2018, 41, 1453-1467.	5.7	46
10	Nitrate regulation of lateral root and root hair development in plants. Journal of Experimental Botany, 2020, 71, 4405-4414.	4.8	45
11	AtGIS, a C2H2 zinc-finger transcription factor from Arabidopsis regulates glandular trichome development through GA signaling in tobacco. Biochemical and Biophysical Research Communications, 2017, 483, 209-215.	2.1	40
12	Involvement of C2H2 zinc finger proteins in the regulation of epidermal cell fate determination in Arabidopsis. Journal of Integrative Plant Biology, 2014, 56, 1112-1117.	8.5	39
13	Biochemical responses and ultrastructural changes in ethylene insensitive mutants of Arabidopsis thialiana subjected to bisphenol A exposure. Ecotoxicology and Environmental Safety, 2017, 144, 62-71.	6.0	39
14	NbGIS regulates glandular trichome initiation through GA signaling in tobacco. Plant Molecular Biology, 2018, 98, 153-167.	3.9	29
15	Ethylene mediates CuO NP-induced ultrastructural changes and oxidative stress in Arabidopsis thaliana leaves. Environmental Science: Nano, 2020, 7, 938-953.	4.3	24
16	Metabolome Analysis Revealed the Mechanism of Exogenous Glutathione to Alleviate Cadmium Stress in Maize (Zea mays L.) Seedlings. Plants, 2021, 10, 105.	3.5	23
17	Overexpression of MADS-box transcription factor OsMADS25 enhances salt stress tolerance in Rice and Arabidopsis. Plant Growth Regulation, 2020, 90, 163-171.	3.4	21
18	Synergistic interaction between ABA and IAA due to moderate soil drying promotes grain filling of inferior spikelets in rice. Plant Journal, 2022, 109, 1457-1472.	5.7	20

#	Article	IF	Citations
19	The SPATULA transcription factor regulates seed oil content by controlling seed specific genes in Arabidopsis thaliana. Plant Growth Regulation, 2017, 82, 111-121.	3.4	14
20	Involvement of histone acetylation and deacetylation in regulating auxin responses and associated phenotypic changes in plants. Plant Cell Reports, 2018, 37, 51-59.	5.6	14
21	NLP2-NR Module Associated NO Is Involved in Regulating Seed Germination in Rice under Salt Stress. Plants, 2022, 11, 795.	3.5	13
22	PIL5 represses floral transition in Arabidopsis under long day conditions. Biochemical and Biophysical Research Communications, 2018, 499, 513-518.	2.1	11
23	Linkage Mapping of Stem Saccharification Digestibility in Rice. PLoS ONE, 2016, 11, e0159117.	2.5	6
24	SPATULA regulates floral transition and photomorphogenesis in a PHYTOCHROME B-dependent manner in Arabidopsis. Biochemical and Biophysical Research Communications, 2018, 503, 2380-2385.	2.1	5
25	Dichromate-induced ethylene biosynthesis, perception, and signaling regulate the variance in root growth inhibition among Shaheen basmati and basmati-385 rice varieties. Environmental Science and Pollution Research, 2021, 28, 38016-38025.	5.3	5
26	Effect of Bisphenol A-induced Oxidative Stress on the Ultra Structure and Antioxidant Defence System of Arabidopsis thialiana Leaves. Polish Journal of Environmental Studies, 2018, 27, 967-978.	1.2	5
27	Moderate Soil Drying-Induced Alternative Splicing Provides a Potential Novel Approach for the Regulation of Grain Filling in Rice Inferior Spikelets. International Journal of Molecular Sciences, 2022, 23, 7770.	4.1	5