

Zhu Feng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9783400/publications.pdf>

Version: 2024-02-01

22
papers

491
citations

840776

11
h-index

677142

22
g-index

22
all docs

22
docs citations

22
times ranked

515
citing authors

#	ARTICLE	IF	CITATIONS
1	An R2R3MYB transcription factor represses the transformation of β - and γ -branch carotenoids by negatively regulating expression of <i>CrBCH2</i> and <i>CrNCED5</i> in flavedo of <i>Citrus reticulata</i> . <i>New Phytologist</i> , 2017, 216, 178-192.	7.3	145
2	Salicylic acid treatment reduces the rot of postharvest citrus fruit by inducing the accumulation of H ₂ O ₂ , primary metabolites and lipophilic polymethoxylated flavones. <i>Food Chemistry</i> , 2016, 207, 68-74.	8.2	61
3	Comparative transcriptome and metabolome provides new insights into the regulatory mechanisms of accelerated senescence in litchi fruit after cold storage. <i>Scientific Reports</i> , 2016, 6, 19356.	3.3	48
4	A NAC transcription factor and its interaction protein hinder abscisic acid biosynthesis by synergistically repressing <i>NCED5</i> in <i>Citrus reticulata</i> . <i>Journal of Experimental Botany</i> , 2020, 71, 3613-3625.	4.8	39
5	Electron beam irradiation of typical sulfonamide antibiotics in the aquatic environment: Kinetics, removal mechanisms, degradation products and toxicity assessment. <i>Chemosphere</i> , 2021, 274, 129713.	8.2	32
6	Genome-wide association of the metabolic shifts underpinning dark-induced senescence in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2022, 34, 557-578.	6.6	29
7	Enhanced visible-light photocatalytic performance of Co/Ni doped Cu ₂ MoS ₄ nanosheets for Rhodamine B and erythromycin degradation. <i>Journal of Alloys and Compounds</i> , 2021, 863, 158612.	5.5	22
8	Efficiency Enhancement of Inverted Polymer Solar Cells Using Ionic Liquid-functionalized Carbon Nanoparticles-modified ZnO as Electron Selective Layer. <i>Nano-Micro Letters</i> , 2014, 6, 24-29.	27.0	17
9	Antibiotics in the surface water of Shanghai, China: screening, distribution, and indicator selecting. <i>Environmental Science and Pollution Research</i> , 2021, 28, 9836-9848.	5.3	14
10	Degradation and toxicity of the antidepressant fluoxetine in an aqueous system by UV irradiation. <i>Chemosphere</i> , 2022, 287, 132434.	8.2	14
11	Fe ³⁺ Promoted the Photocatalytic Defluorination of Perfluorooctanoic Acid (PFOA) over In ₂ O ₃ . <i>ACS ES&T Water</i> , 2021, 1, 2431-2439.	4.6	11
12	Bringing more players into play: Leveraging stress in genome wide association studies. <i>Journal of Plant Physiology</i> , 2022, 271, 153657.	3.5	11
13	Improved production of carotenoid-free welan gum in a genetic-engineered <i>Alcaligenes</i> sp. ATCC31555. <i>Biotechnology Letters</i> , 2016, 38, 991-997.	2.2	10
14	Synthesis of superparamagnetic MnFe ₂ O ₄ /mSiO ₂ nanomaterial for degradation of perfluorooctanoic acid by activated persulfate. <i>Environmental Science and Pollution Research</i> , 2022, 29, 37071-37083.	5.3	10
15	Preparation and Characterization of pH-sensitive Hydrogel Film of Chitosan/Poly(acrylic acid) Copolymer. <i>Macromolecular Symposia</i> , 2005, 225, 95-102.	0.7	8
16	Autophagy modulates the metabolism and growth of tomato fruit during development. <i>Horticulture Research</i> , 2022, 9, .	6.3	5
17	MXene-supported copper-molybdenum sulfide nanostructures as catalysts for hydrogen evolution. <i>New Journal of Chemistry</i> , 2022, 46, 1127-1134.	2.8	4
18	Occurrence, Distribution, and Risk of Organophosphate Flame Retardants in Sediments from Jiulong River Estuary and Adjacent Western Taiwan Strait, China. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 2449.	2.6	3

#	ARTICLE	IF	CITATIONS
19	Antibiotics in urine of the general population: Exposure, health risk assessment, and food factors. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2022, 57, 1-12.	1.5	3
20	The mechanical response of piles with consideration of pile-soil interactions under a periodic wave pressure. <i>Journal of Hydrodynamics</i> , 2014, 26, 921-929.	3.2	2
21	Genome-wide association studies of Arabidopsis dark-induced senescence reveals signatures of autophagy in metabolic reprogramming. <i>Autophagy</i> , 2022, 18, 457-458.	9.1	2
22	Plants upcycle gene functions to suit their roots. <i>Trends in Plant Science</i> , 2021, 26, 996-998.	8.8	1