

Wenjuan Tan

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

1,157
citations

759233

12
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

1368
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of different surface-coated nTiO ₂ on full-grown carrot plants: Impacts on root splitting, essential elements, and Ti uptake. <i>Journal of Hazardous Materials</i> , 2021, 402, 123768.	12.4	25
2	Improvement of nutrient elements and allicin content in green onion (<i>Allium fistulosum</i>) plants exposed to CuO nanoparticles. <i>Science of the Total Environment</i> , 2020, 725, 138387.	8.0	73
3	Interaction of nanomaterials in secondary metabolites accumulation, photosynthesis, and nitrogen fixation in plant systems. <i>Comprehensive Analytical Chemistry</i> , 2019, 84, 55-74.	1.3	7
4	Interaction of titanium dioxide nanoparticles with soil components and plants: current knowledge and future research needs – a critical review. <i>Environmental Science: Nano</i> , 2018, 5, 257-278.	4.3	134
5	Effects of the exposure of TiO ₂ nanoparticles on basil (<i>Ocimum basilicum</i>) for two generations. <i>Science of the Total Environment</i> , 2018, 636, 240-248.	8.0	38
6	Foliar Exposure of Cu(OH) ₂ Nanopesticide to Basil (<i>Ocimum basilicum</i>): Variety-Dependent Copper Translocation and Biochemical Responses. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 3358-3366.	5.2	48
7	Differential effects of copper nanoparticles/microparticles in agronomic and physiological parameters of oregano (<i>Origanum vulgare</i>). <i>Science of the Total Environment</i> , 2018, 618, 306-312.	8.0	59
8	Interaction of metal oxide nanoparticles with higher terrestrial plants: Physiological and biochemical aspects. <i>Plant Physiology and Biochemistry</i> , 2017, 110, 210-225.	5.8	230
9	Surface coating changes the physiological and biochemical impacts of nano-TiO ₂ in basil (<i>Ocimum</i>) Tj ETQq1 1 0.784314 rgBT /Overlo 7.5 74	7.5	74
10	Physiological and biochemical effects of nanoparticulate copper, bulk copper, copper chloride, and kinetin in kidney bean (<i>Phaseolus vulgaris</i>) plants. <i>Science of the Total Environment</i> , 2017, 599-600, 2085-2094.	8.0	58
11	Terrestrial Nanotoxicology: Evaluating the Nano-Biointeractions in Vascular Plants. <i>Nanomedicine and Nanotoxicology</i> , 2017, , 21-42.	0.2	2
12	Foliar applied nanoscale and microscale CeO ₂ and CuO alter cucumber (<i>Cucumis sativus</i>) fruit quality. <i>Science of the Total Environment</i> , 2016, 563-564, 904-911.	8.0	138
13	Physiological and biochemical response of soil-grown barley (<i>Hordeum vulgare</i> L.) to cerium oxide nanoparticles. <i>Environmental Science and Pollution Research</i> , 2015, 22, 10551-10558.	5.3	146
14	Copper nanoparticles/compounds impact agronomic and physiological parameters in cilantro (<i>Coriandrum sativum</i>). <i>Environmental Sciences: Processes and Impacts</i> , 2015, 17, 1783-1793.	3.5	125