

Yi Wang

List of Publications by Year in descending order

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13
papers

341
citations

759233

12
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

233
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of engineered nanomaterials on rice (<i>Oryza sativa</i> L.): A critical review of current knowledge. <i>Environmental Pollution</i> , 2022, 297, 118738.	7.5	18
2	Soil and foliar exposure of soybean (<i>Glycine max</i>) to Cu: Nanoparticle coating-dependent plant responses. <i>NanoImpact</i> , 2022, 26, 100406.	4.5	22
3	Therapeutic Delivery of Nanoscale Sulfur to Suppress Disease in Tomatoes: In Vitro Imaging and Orthogonal Mechanistic Investigation. <i>ACS Nano</i> , 2022, 16, 11204-11217.	14.6	28
4	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
5	Evaluation of the Effects of Nanomaterials on Rice (<i>Oryza sativa</i> L.) Responses: Underlining the Benefits of Nanotechnology for Agricultural Applications. <i>ACS Agricultural Science and Technology</i> , 2021, 1, 44-54.	2.3	31
6	Soil-aged nano titanium dioxide effects on full-grown carrot: Dose and surface-coating dependent improvements on growth and nutrient quality. <i>Science of the Total Environment</i> , 2021, 774, 145699.	8.0	15
7	Metabolomic analysis reveals dose-dependent alteration of maize (<i>Zea mays</i> L.) metabolites and mineral nutrient profiles upon exposure to zerovalent iron nanoparticles. <i>NanoImpact</i> , 2021, 23, 100336.	4.5	18
8	Bok choy (<i>Brassica rapa</i>) grown in copper oxide nanoparticles-amended soils exhibits toxicity in a phenotype-dependent manner: Translocation, biodistribution and nutritional disturbance. <i>Journal of Hazardous Materials</i> , 2020, 398, 122978.	12.4	45
9	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
10	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
11	Differential physiological and biochemical impacts of nano vs micron Cu at two phenological growth stages in bell pepper (<i>Capsicum annuum</i>) plant. <i>NanoImpact</i> , 2019, 14, 100161.	4.5	18
12	Growth, Gas Exchange, and Mineral Nutrients of Ornamental Grasses Irrigated with Saline Water. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2019, 54, 1840-1846.	1.0	15
13	Factors affecting fate and transport of engineered nanomaterials in terrestrial environments. <i>Current Opinion in Environmental Science and Health</i> , 2018, 6, 47-53.	4.1	26