

Yuan Tian

List of Publications by Year in descending order

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28
papers

1,646
citations

304602

22
h-index

501076

28
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28
all docs

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docs citations

28
times ranked

2244
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanism of Arsenic Adsorption on Magnetite Nanoparticles from Water: Thermodynamic and Spectroscopic Studies. <i>Environmental Science & Technology</i> , 2015, 49, 7726-7734.	4.6	314
2	Transport of engineered nanoparticles in saturated porous media. <i>Journal of Nanoparticle Research</i> , 2010, 12, 2371-2380.	0.8	173
3	High mobility of SDBS-dispersed single-walled carbon nanotubes in saturated and unsaturated porous media. <i>Journal of Hazardous Materials</i> , 2011, 186, 1766-1772.	6.5	95
4	Removal of sulfamethoxazole and sulfapyridine by carbon nanotubes in fixed-bed columns. <i>Chemosphere</i> , 2013, 90, 2597-2605.	4.2	89
5	Evaluation of Holistic Approaches to Predicting the Concentrations of Metals in Field-Cultivated Rice. <i>Environmental Science & Technology</i> , 2008, 42, 7649-7654.	4.6	80
6	Deposition and transport of functionalized carbon nanotubes in water-saturated sand columns. <i>Journal of Hazardous Materials</i> , 2012, 213-214, 265-272.	6.5	74
7	Lead-contaminated soil induced oxidative stress, defense response and its indicative biomarkers in roots of <i>Vicia faba</i> seedlings. <i>Ecotoxicology</i> , 2010, 19, 1130-1139.	1.1	70
8	Methods of using carbon nanotubes as filter media to remove aqueous heavy metals. <i>Chemical Engineering Journal</i> , 2012, 210, 557-563.	6.6	70
9	Hormesis effects and implicative application in assessment of lead-contaminated soils in roots of <i>Vicia faba</i> seedlings. <i>Chemosphere</i> , 2010, 80, 965-971.	4.2	69
10	Effect of solution chemistry on multi-walled carbon nanotube deposition and mobilization in clean porous media. <i>Journal of Hazardous Materials</i> , 2012, 231-232, 79-87.	6.5	57
11	Carboxylated multi-walled carbon nanotubes aggravated biochemical and subcellular damages in leaves of broad bean (<i>Vicia faba</i> L.) seedlings under combined stress of lead and cadmium. <i>Journal of Hazardous Materials</i> , 2014, 274, 404-412.	6.5	56
12	Kaolinite and Lead in Saturated Porous Media: Facilitated and Impeded Transport. <i>Journal of Environmental Engineering, ASCE</i> , 2010, 136, 1305-1308.	0.7	47
13	Transport of titanium dioxide nanoparticles in saturated porous media under various solution chemistry conditions. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1.	0.8	45
14	Biphasic effects of lanthanum on <i>Vicia faba</i> L. seedlings under cadmium stress, implicating finite antioxidation and potential ecological risk. <i>Chemosphere</i> , 2012, 86, 530-537.	4.2	44
15	Oxidative stress, defense response, and early biomarkers for lead-contaminated soil in <i>Vicia faba</i> seedlings. <i>Environmental Toxicology and Chemistry</i> , 2008, 27, 970-977.	2.2	43
16	DLVO Interactions of Carbon Nanotubes with Isotropic Planar Surfaces. <i>Langmuir</i> , 2013, 29, 3976-3988.	1.6	42
17	Lanthanum Resulted in Unbalance of Nutrient Elements and Disturbance of Cell Proliferation Cycles in <i>V. faba</i> L. Seedlings. <i>Biological Trace Element Research</i> , 2011, 143, 1174-1181.	1.9	41
18	Effect of surface modification on single-walled carbon nanotube retention and transport in saturated and unsaturated porous media. <i>Journal of Hazardous Materials</i> , 2012, 239-240, 333-339.	6.5	41

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19	Oxidative stress and potential biomarkers in tomato seedlings subjected to soil lead contamination. <i>Ecotoxicology and Environmental Safety</i> , 2008, 71, 685-691.	2.9	35
20	2-chlorophenol induced hydroxyl radical production in mitochondria in <i>Carassius auratus</i> and oxidative stress – An electron paramagnetic resonance study. <i>Chemosphere</i> , 2008, 71, 1260-1268.	4.2	33
21	A laboratory study of colloid and solute transport in surface runoff on saturated soil. <i>Journal of Hydrology</i> , 2011, 402, 159-164.	2.3	28
22	Interactions between carbon nanotubes and sulfonamide antibiotics in aqueous solutions under various physicochemical conditions. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2013, 48, 1136-1144.	0.9	24
23	Mineral nutrient imbalance, DNA lesion and DNA-protein crosslink involved in growth retardation of <i>Vicia faba</i> L. seedlings exposed to lanthanum ions. <i>Journal of Environmental Sciences</i> , 2012, 24, 214-220.	3.2	22
24	Antioxidant and prooxidant effects of lanthanum ions on <i>Vicia faba</i> L. seedlings under cadmium stress, suggesting ecological risk. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 1355-1362.	2.2	21
25	Analytical and experimental analysis of solute transport in heterogeneous porous media. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2014, 49, 338-343.	0.9	13
26	Plant Root Exudates Decrease Mobility of Smectite Colloids in Porous Media in Contrast to Humic Acid. <i>Soil Science Society of America Journal</i> , 2015, 79, 467-475.	1.2	9
27	Lanthanum ions intervened in enzymatic production and elimination of reactive oxygen species in leaves of rice seedlings under cadmium stress. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 1656-1664.	2.2	8
28	Toxicological effects, mechanisms, and implied toxicity thresholds in the roots of <i>Vicia faba</i> L. seedlings grown in copper-contaminated soil. <i>Environmental Science and Pollution Research</i> , 2015, 22, 13858-13869.	2.7	3