Rana Pratap Singh

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/12030569/publications.pdf

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		1163117	1588992
8	772	8	8
papers	citations	h-index	g-index

8	8	8	1121
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Silicon mediates arsenic tolerance in rice (Oryza sativa L.) through lowering of arsenic uptake and improved antioxidant defence system. Ecological Engineering, 2013, 52, 96-103.	3.6	183
2	Synthesis, characterization and role of zero-valent iron nanoparticle in removal of hexavalent chromium from chromium-spiked soil. Journal of Nanoparticle Research, 2011, 13, 4063-4073.	1.9	133
3	Differential response of oxidative stress and thiol metabolism in contrasting rice genotypes for arsenic tolerance. Ecotoxicology and Environmental Safety, 2012, 79, 189-198.	6.0	129
4	Selenium ameliorates arsenic induced oxidative stress through modulation of antioxidant enzymes and thiols in rice (Oryza sativa L.). Ecotoxicology, 2014, 23, 1153-1163.	2.4	102
5	Removal of Cr(VI) by Nanoscale Zero-valent Iron (nZVI) From Soil Contaminated with Tannery Wastes. Bulletin of Environmental Contamination and Toxicology, 2012, 88, 210-214.	2.7	95
6	Degradation of Î³-HCH spiked soil using stabilized Pd/Fe0 bimetallic nanoparticles: Pathways, kinetics and effect of reaction conditions. Journal of Hazardous Materials, 2012, 237-238, 355-364.	12.4	66
7	Arsenite tolerance in rice (Oryza sativa L.) involves coordinated role of metabolic pathways of thiols and amino acids. Environmental Science and Pollution Research, 2013, 20, 884-896.	5.3	46
8	Arsenite stress variably stimulates proâ€oxidant enzymes, anatomical deformities, photosynthetic pigment reduction, and antioxidants in arsenicâ€tolerant and sensitive rice seedlings. Environmental Toxicology and Chemistry, 2015, 34, 1562-1571.	4.3	18