

Rana Pratap Singh

List of Publications by Year in descending order

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8
papers

772
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1163117
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docs citations

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times ranked

1121
citing authors

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