

Arnab Mukherjee

List of Publications by Year in descending order

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13
papers

1,743
citations

759233

12
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

2337
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanoparticle silver coexposure reduces the accumulation of weathered persistent pesticides by earthworms. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 1864-1871.	4.3	9
2	Carbon Nanomaterials in Agriculture: A Critical Review. <i>Frontiers in Plant Science</i> , 2016, 7, 172.	3.6	269
3	Ultra-sensitive determination of silver nanoparticles by surface-enhanced Raman spectroscopy (SERS) after hydrophobization-mediated extraction. <i>Analyst</i> , 2016, 141, 5261-5264.	3.5	14
4	Evaluation of Postharvest Washing on Removal of Silver Nanoparticles (AgNPs) from Spinach Leaves. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 6916-6922.	5.2	17
5	Molecular Response of Crop Plants to Engineered Nanomaterials. <i>Environmental Science & Technology</i> , 2016, 50, 7198-7207.	10.0	73
6	Tannic acid alleviates bulk and nanoparticle Nd ₂ O ₃ toxicity in pumpkin: a physiological and molecular response. <i>Nanotoxicology</i> , 2016, 10, 1243-1253.	3.0	32
7	Comparative phytotoxicity of ZnO NPs, bulk ZnO, and ionic zinc onto the alfalfa plants symbiotically associated with <i>Sinorhizobium meliloti</i> in soil. <i>Science of the Total Environment</i> , 2015, 515-516, 60-69.	8.0	171
8	A review of the use of engineered nanomaterials to suppress plant disease and enhance crop yield. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	1.9	501
9	Analysis of Silver Nanoparticles in Antimicrobial Products Using Surface-Enhanced Raman Spectroscopy (SERS). <i>Environmental Science & Technology</i> , 2015, 49, 4317-4324.	10.0	98
10	Differential Toxicity of Bare and Hybrid ZnO Nanoparticles in Green Pea (<i>Pisum sativum</i> L.): A Life Cycle Study. <i>Frontiers in Plant Science</i> , 2015, 6, 1242.	3.6	82
11	A soil mediated phyto-toxicological study of iron doped zinc oxide nanoparticles (Fe@ZnO) in green peas (<i>Pisum sativum</i> L.). <i>Chemical Engineering Journal</i> , 2014, 258, 394-401.	12.7	55
12	Cerium Oxide Nanoparticles Impact Yield and Modify Nutritional Parameters in Wheat (<i>Triticum</i>)	8.2	197
13	Physiological effects of nanoparticulate ZnO in green peas (<i>Pisum sativum</i> L.) cultivated in soil. <i>Metallomics</i> , 2014, 6, 132-138.	2.4	220