Arnab Mukherjee

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2138876/publications.pdf

Version: 2024-02-01

13	1,743	759233 12	1125743 13
papers	citations	h-index	g-index

14	14	14	2337
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A review of the use of engineered nanomaterials to suppress plant disease and enhance crop yield. Journal of Nanoparticle Research, 2015, 17, 1.	1.9	501
2	Carbon Nanomaterials in Agriculture: A Critical Review. Frontiers in Plant Science, 2016, 7, 172.	3.6	269
3	Physiological effects of nanoparticulate ZnO in green peas (Pisum sativum L.) cultivated in soil. Metallomics, 2014, 6, 132-138.	2.4	220
4	Cerium Oxide Nanoparticles Impact Yield and Modify Nutritional Parameters in Wheat (<i>Triticum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	5.2	197
5	Comparative phytotoxicity of ZnO NPs, bulk ZnO, and ionic zinc onto the alfalfa plants symbiotically associated with Sinorhizobium meliloti in soil. Science of the Total Environment, 2015, 515-516, 60-69.	8.0	171
6	Analysis of Silver Nanoparticles in Antimicrobial Products Using Surface-Enhanced Raman Spectroscopy (SERS). Environmental Science & Technology, 2015, 49, 4317-4324.	10.0	98
7	Differential Toxicity of Bare and Hybrid ZnO Nanoparticles in Green Pea (Pisum sativum L.): A Life Cycle Study. Frontiers in Plant Science, 2015, 6, 1242.	3.6	82
8	Molecular Response of Crop Plants to Engineered Nanomaterials. Environmental Science & Technology, 2016, 50, 7198-7207.	10.0	73
9	A soil mediated phyto-toxicological study of iron doped zinc oxide nanoparticles (Fe@ZnO) in green peas (Pisum sativum L.). Chemical Engineering Journal, 2014, 258, 394-401.	12.7	55
10	Tannic acid alleviates bulk and nanoparticle Nd₂O₃ toxicity in pumpkin: a physiological and molecular response. Nanotoxicology, 2016, 10, 1243-1253.	3.0	32
11	Evaluation of Postharvest Washing on Removal of Silver Nanoparticles (AgNPs) from Spinach Leaves. Journal of Agricultural and Food Chemistry, 2016, 64, 6916-6922.	5.2	17
12	Ultra-sensitive determination of silver nanoparticles by surface-enhanced Raman spectroscopy (SERS) after hydrophobization-mediated extraction. Analyst, The, 2016, 141, 5261-5264.	3.5	14
13	Nanoparticle silver coexposure reduces the accumulation of weathered persistent pesticides by earthworms. Environmental Toxicology and Chemistry, 2017, 36, 1864-1871.	4.3	9