

Arunava Pradhan

List of Publications by Citations

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Version: 2024-04-25

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

22
papers

365
citations

11
h-index

19
g-index

22
ext. papers

439
ext. citations

7.7
avg, IF

3.51
L-index

#	Paper	IF	Citations
22	Can metal nanoparticles be a threat to microbial decomposers of plant litter in streams?. <i>Microbial Ecology</i> , 2011 , 62, 58-68	4.4	106
21	Copper oxide nanoparticles can induce toxicity to the freshwater shredder <i>Allogamus ligonifer</i> . <i>Chemosphere</i> , 2012 , 89, 1142-50	8.4	45
20	Fungi from metal-polluted streams may have high ability to cope with the oxidative stress induced by copper oxide nanoparticles. <i>Environmental Toxicology and Chemistry</i> , 2015 , 34, 923-30	3.8	26
19	Physiological responses to nanoCuO in fungi from non-polluted and metal-polluted streams. <i>Science of the Total Environment</i> , 2014 , 466-467, 556-63	10.2	25
18	Humic acid can mitigate the toxicity of small copper oxide nanoparticles to microbial decomposers and leaf decomposition in streams. <i>Freshwater Biology</i> , 2016 , 61, 2197-2210	3.1	24
17	Proteomics and antioxidant enzymes reveal different mechanisms of toxicity induced by ionic and nanoparticulate silver in bacteria. <i>Environmental Science: Nano</i> , 2019 , 6, 1207-1218	7.1	23
16	Wildfire impacts on freshwater detrital food webs depend on runoff load, exposure time and burnt forest type. <i>Science of the Total Environment</i> , 2019 , 692, 691-700	10.2	22
15	Phytoplankton Diversity as Indicator of Water Quality for Fish Cultivation. <i>American Journal of Environmental Sciences</i> , 2008 , 4, 406-411	0.5	19
14	Enzymatic biomarkers can portray nanoCuO-induced oxidative and neuronal stress in freshwater shredders. <i>Aquatic Toxicology</i> , 2016 , 180, 227-235	5.1	16
13	Natural organic matter alters size-dependent effects of nanoCuO on the feeding behaviour of freshwater invertebrate shredders. <i>Science of the Total Environment</i> , 2015 , 535, 94-101	10.2	13
12	Polyhydroxyfullerene binds cadmium ions and alleviates metal-induced oxidative stress in <i>Saccharomyces cerevisiae</i> . <i>Applied and Environmental Microbiology</i> , 2014 , 80, 5874-81	4.8	12
11	Proteomic responses to silver nanoparticles vary with the fungal ecotype. <i>Science of the Total Environment</i> , 2020 , 704, 135385	10.2	11
10	Biochemical and functional responses of stream invertebrate shredders to post-wildfire contamination. <i>Environmental Pollution</i> , 2020 , 267, 115433	9.3	7
9	Effects of metal nanoparticles on freshwater rotifers may persist across generations. <i>Aquatic Toxicology</i> , 2020 , 229, 105652	5.1	6
8	Can photocatalytic and magnetic nanoparticles be a threat to aquatic detrital food webs?. <i>Science of the Total Environment</i> , 2021 , 769, 144576	10.2	5
7	Transcriptomics reveals the action mechanisms and cellular targets of citrate-coated silver nanoparticles in a ubiquitous aquatic fungus. <i>Environmental Pollution</i> , 2021 , 268, 115913	9.3	3
6	Individual and mixed effects of anticancer drugs on freshwater rotifers: A multigenerational approach. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 227, 112893	7	1

5	Can microplastics from personal care products affect stream microbial decomposers in the presence of silver nanoparticles?. <i>Science of the Total Environment</i> , 2022 , 832, 155038	10.2	1
4	Elevated temperature may reduce functional but not taxonomic diversity of fungal assemblages on decomposing leaf litter in streams. <i>Global Change Biology</i> , 2022 , 28, 115-127	11.4	0
3	Importance of exposure route in determining nanosilver impacts on a stream detrital processing chain. <i>Environmental Pollution</i> , 2021 , 290, 118088	9.3	0
2	Evidence of micro and macroplastic toxicity along a stream detrital food-chain.. <i>Journal of Hazardous Materials</i> , 2022 , 436, 129064	12.8	0
1	Reply to the "Letter to the editor, Proteomic responses to silver nanoparticles vary with the fungal ecotype" by Huang et al. <i>Science of the Total Environment</i> , 2020 , 748, 142402	10.2	