Arunava Pradhan

List of Publications by Year in Descending Order

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	Elevated temperature may reduce functional but not taxonomic diversity of fungal assemblages on decomposing leaf litter in streams. *Global Change Biology*, **2022**, 28, 115-127	11.4	0
21	Can microplastics from personal care products affect stream microbial decomposers in the presence of silver nanoparticles?. *Science of the Total Environment*, **2022**, 832, 155038	10.2	1
20	Evidence of micro and macroplastic toxicity along a stream detrital food-chain.. *Journal of Hazardous Materials*, **2022**, 436, 129064	12.8	0
19	Individual and mixed effects of anticancer drugs on freshwater rotifers: A multigenerational approach. *Ecotoxicology and Environmental Safety*, **2021**, 227, 112893	7	1
18	Can photocatalytic and magnetic nanoparticles be a threat to aquatic detrital food webs?. *Science of the Total Environment*, **2021**, 769, 144576	10.2	5
17	Transcriptomics reveals the action mechanisms and cellular targets of citrate-coated silver nanoparticles in a ubiquitous aquatic fungus. *Environmental Pollution*, **2021**, 268, 115913	9.3	3
16	Importance of exposure route in determining nanosilver impacts on a stream detrital processing chain. *Environmental Pollution*, **2021**, 290, 118088	9.3	0
15	Proteomic responses to silver nanoparticles vary with the fungal ecotype. *Science of the Total Environment*, **2020**, 704, 135385	10.2	11
14	Effects of metal nanoparticles on freshwater rotifers may persist across generations. *Aquatic Toxicology*, **2020**, 229, 105652	5.1	6
13	Biochemical and functional responses of stream invertebrate shredders to post-wildfire contamination. *Environmental Pollution*, **2020**, 267, 115433	9.3	7
12	Reply to the "Letter to the editor, Proteomic responses to silver nanoparticles vary with the fungal ecotype" by Huang et al. *Science of the Total Environment*, **2020**, 748, 142402	10.2	
11	Proteomics and antioxidant enzymes reveal different mechanisms of toxicity induced by ionic and nanoparticulate silver in bacteria. *Environmental Science: Nano*, **2019**, 6, 1207-1218	7.1	23
10	Wildfire impacts on freshwater detrital food webs depend on runoff load, exposure time and burnt forest type. *Science of the Total Environment*, **2019**, 692, 691-700	10.2	22
9	Humic acid can mitigate the toxicity of small copper oxide nanoparticles to microbial decomposers and leaf decomposition in streams. *Freshwater Biology*, **2016**, 61, 2197-2210	3.1	24
8	Enzymatic biomarkers can portray nanoCuO-induced oxidative and neuronal stress in freshwater shredders. *Aquatic Toxicology*, **2016**, 180, 227-235	5.1	16
7	Natural organic matter alters size-dependent effects of nanoCuO on the feeding behaviour of freshwater invertebrate shredders. *Science of the Total Environment*, **2015**, 535, 94-101	10.2	13
6	Fungi from metal-polluted streams may have high ability to cope with the oxidative stress induced by copper oxide nanoparticles. *Environmental Toxicology and Chemistry*, **2015**, 34, 923-30	3.8	26

5	Polyhydroxyfullerene binds cadmium ions and alleviates metal-induced oxidative stress in Saccharomyces cerevisiae. *Applied and Environmental Microbiology*, **2014**, 80, 5874-81	4.8	12
4	Physiological responses to nanoCuO in fungi from non-polluted and metal-polluted streams. *Science of the Total Environment*, **2014**, 466-467, 556-63	10.2	25
3	Copper oxide nanoparticles can induce toxicity to the freshwater shredder Allogamus ligonifer. *Chemosphere*, **2012**, 89, 1142-50	8.4	45
2	Can metal nanoparticles be a threat to microbial decomposers of plant litter in streams?. *Microbial Ecology*, **2011**, 62, 58-68	4.4	106
1	Phytoplankton Diversity as Indicator of Water Quality for Fish Cultivation. *American Journal of Environmental Sciences*, **2008**, 4, 406-411	0.5	19