# Arunava Pradhan

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6934364/publications.pdf

Version: 2024-02-01

| 22 | 510 | 686830 13 | 713013 21 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 22 | 22 | 22 | 563 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Can Metal Nanoparticles Be a Threat to Microbial Decomposers of Plant Litter in Streams?. Microbial Ecology, 2011, 62, 58-68. | 1.4 | 116 |
| 2 | Copper oxide nanoparticles can induce toxicity to the freshwater shredder Allogamus ligonifer. Chemosphere, 2012, 89, 1142-1150. | 4.2 | 49 |
| 3 | 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. | 3.9 | 38 |
| 4 | Phytoplankton Diversity as Indicator of Water Quality for Fish Cultivation. American Journal of Environmental Sciences, 2008, 4, 406-411. | 0.3 | 35 |
| 5 | Fungi from metalâ€polluted streams may have high ability to cope with the oxidative stress induced by copper oxide nanoparticles. Environmental Toxicology and Chemistry, 2015, 34, 923-930. | 2.2 | 31 |
| 6 | Physiological responses to nanoCuO in fungi from non-polluted and metal-polluted streams. Science of the Total Environment, 2014, 466-467, 556-563. | 3.9 | 29 |
| 7 | 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. | 1.2 | 29 |
| 8 | Proteomics and antioxidant enzymes reveal different mechanisms of toxicity induced by ionic and nanoparticulate silver in bacteria. Environmental Science: Nano, 2019, 6, 1207-1218. | 2.2 | 29 |
| 9 | Enzymatic biomarkers can portray nanoCuO-induced oxidative and neuronal stress in freshwater shredders. Aquatic Toxicology, 2016, 180, 227-235. | 1.9 | 22 |
| 10 | Proteomic responses to silver nanoparticles vary with the fungal ecotype. Science of the Total Environment, 2020, 704, 135385. | 3.9 | 18 |
| 11 | Biochemical and functional responses of stream invertebrate shredders to post-wildfire contamination. Environmental Pollution, 2020, 267, 115433. | 3.7 | 18 |
| 12 | 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. | 3.9 | 15 |
| 13 | Effects of metal nanoparticles on freshwater rotifers may persist across generations. Aquatic Toxicology, 2020, 229, 105652. | 1.9 | 14 |
| 14 | Transcriptomics reveals the action mechanisms and cellular targets of citrate-coated silver nanoparticles in a ubiquitous aquatic fungus. Environmental Pollution, 2021, 268, 115913. | 3.7 | 13 |
| 15 | Polyhydroxyfullerene Binds Cadmium Ions and Alleviates Metal-Induced Oxidative Stress in Saccharomyces cerevisiae. Applied and Environmental Microbiology, 2014, 80, 5874-5881. | 1.4 | 12 |
| 16 | Can photocatalytic and magnetic nanoparticles be a threat to aquatic detrital food webs?. Science of the Total Environment, 2021, 769, 144576. | 3.9 | 9 |
| 17 | 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. | 4.2 | 9 |
| 18 | Evidence of micro and macroplastic toxicity along a stream detrital food-chain. Journal of Hazardous Materials, 2022, 436, 129064. | 6.5 | 8 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Can microplastics from personal care products affect stream microbial decomposers in the presence of silver nanoparticles?. Science of the Total Environment, 2022, 832, 155038. | 3.9 | 7 |
| 20 | Individual and mixed effects of anticancer drugs on freshwater rotifers: A multigenerational approach. Ecotoxicology and Environmental Safety, 2021, 227, 112893. | 2.9 | 6 |
| 21 | Importance of exposure route in determining nanosilver impacts on a stream detrital processing chain. Environmental Pollution, 2021, 290, 118088. | 3.7 | 3 |
| 22 | Reply to the â€œLetter to the editor, Proteomic responses to silver nanoparticles vary with the fungal ecotypeâ€•by Huang et al.. Science of the Total Environment, 2020, 748, 142402. | 3.9 | 0 |