

Sahadevan Seena

List of Publications by Year in Descending Order

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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.

36
papers

662
citations

14
h-index

25
g-index

36
ext. papers

790
ext. citations

6.4
avg, IF

4.15
L-index

#	Paper	IF	Citations
36	Impacts of low concentrations of nanoplastics on leaf litter decomposition and food quality for detritivores in streams.. <i>Journal of Hazardous Materials</i> , 2022 , 429, 128320	12.8	4
35	Fungi in Freshwaters: Prioritising Aquatic Hyphomycetes in Conservation Goals. <i>Water (Switzerland)</i> , 2022 , 14, 605	3	2
34	Aquatic hyphomycete spores: What do we know, where do we go from here? 2022 , 1-20		
33	Linking Microbial Decomposer Diversity to Plant Litter Decomposition and Associated Processes in Streams 2021 , 163-192		1
32	Plastisphere in freshwaters: An emerging concern. <i>Environmental Pollution</i> , 2021 , 290, 118123	9.3	4
31	Metabolomic, functional, and ecologic responses of the common freshwater fungus <i>Neonectria lugdunensis</i> to mine drainage stress. <i>Science of the Total Environment</i> , 2020 , 718, 137359	10.2	9
30	A Bioinformatics Primer for the Analysis of Illumina MiSeq Data of Litter-Associated Fungi and Bacteria 2020 , 573-582		
29	Inter- and intraspecific functional variability of aquatic fungal decomposers and freshwater ecosystem processes. <i>Science of the Total Environment</i> , 2020 , 707, 135570	10.2	4
28	Biodiversity of leaf litter fungi in streams along a latitudinal gradient. <i>Science of the Total Environment</i> , 2019 , 661, 306-315	10.2	37
27	Can low concentrations of metal oxide and Ag loaded metal oxide nanoparticles pose a risk to stream plant litter microbial decomposers?. <i>Science of the Total Environment</i> , 2019 , 653, 930-937	10.2	14
26	Bio-based chitosan/gelatin/Ag@ZnO bionanocomposites: synthesis and mechanical and antibacterial properties. <i>Cellulose</i> , 2019 , 26, 5347-5361	5.5	51
25	Does nanosized plastic affect aquatic fungal litter decomposition?. <i>Fungal Ecology</i> , 2019 , 39, 388-392	4.1	13
24	Intraspecific diversity affects stress response and the ecological performance of a cosmopolitan aquatic fungus. <i>Fungal Ecology</i> , 2019 , 41, 218-223	4.1	4
23	Short-term exposure to low concentrations of copper oxide nanoparticles can negatively impact the ecological performance of a cosmopolitan freshwater fungus. <i>Environmental Sciences: Processes and Impacts</i> , 2019 , 21, 2001-2007	4.3	5
22	Articulospora - Phylogeny vs morphology. <i>Fungal Biology</i> , 2018 , 122, 965-976	2.8	4
21	Does the developmental stage and composition of riparian forest stand affect ecosystem functioning in streams?. <i>Science of the Total Environment</i> , 2017 , 609, 1500-1511	10.2	12
20	Preliminary insights into the evolutionary relationships of aquatic hyphomycetes and endophytic fungi. <i>Fungal Ecology</i> , 2016 , 19, 128-134	4.1	14

19	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
18	Copper tolerant ecotypes of <i>Heliscus lugdunensis</i> differ in their ecological function and growth. <i>Science of the Total Environment</i> , 2016 , 544, 168-74	10.2	11
17	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
16	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
15	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
14	Elevated temperature may intensify the positive effects of nutrients on microbial decomposition in streams. <i>Freshwater Biology</i> , 2014 , 59, 2390-2399	3.1	63
13	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
12	Fungal assemblage and leaf litter decomposition in riparian tree holes and in a coastal stream of the south-west India. <i>Mycology</i> , 2013 , 4, 118-124	3.7	5
11	A decade's perspective on the impact of DNA sequencing on aquatic hyphomycete research. <i>Fungal Biology Reviews</i> , 2013 , 27, 19-24	6.8	18
10	Copper oxide nanoparticles can induce toxicity to the freshwater shredder <i>Allogamus lignifer</i> . <i>Chemosphere</i> , 2012 , 89, 1142-50	8.4	45
9	Intraspecific variation of the aquatic fungus <i>Articulospora tetracladia</i> : an ubiquitous perspective. <i>PLoS ONE</i> , 2012 , 7, e35884	3.7	27
8	Preliminary insights into the phylogeography of six aquatic hyphomycete species. <i>PLoS ONE</i> , 2012 , 7, e45289	3.7	17
7	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
6	DNA barcoding of fungi: a case study using ITS sequences for identifying aquatic hyphomycete species. <i>Fungal Diversity</i> , 2010 , 44, 77-87	17.6	37
5	Nutritional evaluation of tender pods of <i>Canavalia maritima</i> of coastal sand dunes. <i>Frontiers of Agriculture in China</i> , 2010 , 4, 481-488		1
4	Leaf Decomposition in a Mountain Stream in the Sultanate of Oman. <i>International Review of Hydrobiology</i> , 2009 , 94, 16-28	2.3	8
3	Nutritional quality evaluation of velvet bean seeds (<i>Mucuna pruriens</i>) exposed to gamma irradiation. <i>International Journal of Food Sciences and Nutrition</i> , 2008 , 59, 261-78	3.7	20
2	Raised water temperature lowers diversity of hyporheic aquatic hyphomycetes. <i>Freshwater Biology</i> , 2007 , 53, 071116231725003-???	3.1	19

- 1 Nutritional and protein quality evaluation of thermally treated seeds of *Canavalia maritima* in the rat. *Nutrition Research*, **2005**, 25, 587-596

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