

Alfred Burian

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

532
citations

623574

14
h-index

713332

21
g-index

24
all docs

24
docs citations

24
times ranked

626
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of accuracy, repeatability and detection probability in the reliability of species-specific eDNA based approaches. <i>Scientific Reports</i> , 2019, 9, 580.	1.6	58
2	Seasonality, DNA degradation and spatial heterogeneity as drivers of eDNA detection dynamics. <i>Science of the Total Environment</i> , 2021, 768, 144466.	3.9	48
3	Improving the reliability of eDNA data interpretation. <i>Molecular Ecology Resources</i> , 2021, 21, 1422-1433.	2.2	44
4	BMAA extraction of cyanobacteria samples: which method to choose?. <i>Environmental Science and Pollution Research</i> , 2016, 23, 338-350.	2.7	42
5	Microzooplankton feeding behaviour: grazing on the microbial and the classical food web of African soda lakes. <i>Hydrobiologia</i> , 2013, 710, 61-72.	1.0	37
6	Stoichiometric regulation in micro- and mesozooplankton. <i>Journal of Plankton Research</i> , 2015, 37, 293-305.	0.8	36
7	Algal communities of Kenyan soda lakes with a special focus on <i>Arthrospira fusiformis</i> . <i>Fottea</i> , 2015, 15, 245-257.	0.4	35
8	Development and application of eDNA-based tools for the conservation of white-clawed crayfish. <i>Science of the Total Environment</i> , 2020, 748, 141394.	3.9	28
9	Ecomorphological variability of <i>Arthrospira fusiformis</i> (Cyanoprokaryota) in African soda lakes. <i>MicrobiologyOpen</i> , 2013, 2, 881-891.	1.2	23
10	Species-specific separation of lake plankton reveals divergent food assimilation patterns in rotifers. <i>Freshwater Biology</i> , 2014, 59, 1257-1265.	1.2	23
11	A community-based evaluation of population growth and agro-pastoralist resilience in Sub-Saharan drylands. <i>Environmental Science and Policy</i> , 2019, 92, 323-330.	2.4	18
12	Predation increases multiple components of microbial diversity in activated sludge communities. <i>ISME Journal</i> , 2022, 16, 1086-1094.	4.4	18
13	Nutrient deficiencies and the restriction of compensatory mechanisms in copepods. <i>Functional Ecology</i> , 2018, 32, 636-647.	1.7	17
14	Food quantity-quality interactions and their impact on consumer behavior and trophic transfer. <i>Ecological Monographs</i> , 2020, 90, e01395.	2.4	16
15	The potential of fatty acid isotopes to trace trophic transfer in aquatic food-webs. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190652.	1.8	16
16	Benthic-pelagic coupling drives non-seasonal zooplankton blooms and restructures energy flows in shallow tropical lakes. <i>Limnology and Oceanography</i> , 2016, 61, 795-805.	1.6	15
17	Corals as canaries in the coalmine: Towards the incorporation of marine ecosystems into the "One Health" concept. <i>Journal of Invertebrate Pathology</i> , 2021, 186, 107538.	1.5	14
18	Effects of preservation strategies on environmental DNA detection and quantification using ddPCR. <i>Environmental DNA</i> , 2021, 3, 815-822.	3.1	14

#	ARTICLE	IF	CITATIONS
19	The Ecology of African Soda Lakes: Driven by Variable and Extreme Conditions. , 2016, , 295-320.		12
20	Tracing the origin of olive ridley turtles entangled in ghost nets in the Maldives: A phylogeographic assessment of populations at risk. <i>Biological Conservation</i> , 2020, 245, 108499.	1.9	11
21	Technical comment on Boersma <i>et al.</i> (2016) Temperature driven changes in the diet preference of omnivorous copepods: no more meat when it's hot? <i>Ecology Letters</i> , 19, 45-53. <i>Ecology Letters</i> , 2016, 19, 1389-1391.	3.0	5
22	DNA-based assessment of environmental degradation in an unknown fauna: The freshwater macroinvertebrates of the Indo-Burmese hotspot. <i>Journal of Applied Ecology</i> , 2022, 59, 1644-1658.	1.9	2
23	Food Quantity-Quality Interactions and Their Impact on Consumer Behavior and Trophic Transfer. <i>Bulletin of the Ecological Society of America</i> , 2020, 101, e01661.	0.2	0