

Katrin Attermeyer

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

1,079
citations

471371

17
h-index

454834

30
g-index

45
all docs

45
docs citations

45
times ranked

1926
citing authors

#	ARTICLE	IF	CITATIONS
1	Large wood in river restoration: A case study on the effects on hydromorphology, biodiversity, and ecosystem functioning. <i>International Review of Hydrobiology</i> , 2022, 107, 34-45.	0.5	6
2	Large-scale sampling of the freshwater microbiome suggests pollution-driven ecosystem changes. <i>Environmental Pollution</i> , 2022, 308, 119627.	3.7	7
3	Experimental desiccation indicates high moisture content maintains hyporheic biofilm processes during drought in temperate intermittent streams. <i>Aquatic Sciences</i> , 2021, 83, 1.	0.6	4
4	Carbon dioxide fluxes increase from day to night across European streams. <i>Communications Earth & Environment</i> , 2021, 2, .	2.6	19
5	Comprehensive analysis of chemical and biological problems associated with browning agents used in aquatic studies. <i>Limnology and Oceanography: Methods</i> , 2021, 19, 818-835.	1.0	11
6	Abundance and biogeography of methanogenic and methanotrophic microorganisms across European streams. <i>Journal of Biogeography</i> , 2021, 48, 947-960.	1.4	7
7	High Anthropogenic Organic Matter Inputs during a Festival Increase River Heterotrophy and Refractory Carbon Load. <i>Environmental Science & Technology</i> , 2020, 54, 10039-10048.	4.6	9
8	A simplified approach to detect a significant carbon dioxide reduction by phytoplankton in lakes and rivers on a regional and global scale. <i>Die Naturwissenschaften</i> , 2020, 107, 29.	0.6	6
9	Selective Adsorption of Terrestrial Dissolved Organic Matter to Inorganic Surfaces Along a Boreal Inland Water Continuum. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2020, 125, e2019JG005236.	1.3	33
10	Particles and Aeration at Mire-Stream Interfaces Cause Selective Removal and Modification of Dissolved Organic Matter. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2020, 125, e2020JG005654.	1.3	6
11	Collaborative Projects: Unleashing Early Career Scientists'™ Power. <i>Trends in Ecology and Evolution</i> , 2019, 34, 871-874.	4.2	4
12	Phytoplankton gross primary production increases along cascading impoundments in a temperate, low-discharge river: Insights from high frequency water quality monitoring. <i>Scientific Reports</i> , 2019, 9, 6701.	1.6	16
13	Potential terrestrial influence on transparent exopolymer particle concentrations in boreal freshwaters. <i>Limnology and Oceanography</i> , 2019, 64, 2455-2466.	1.6	10
14	Colored organic matter increases CO ₂ in meso-eutrophic lake water through altered light climate and acidity. <i>Limnology and Oceanography</i> , 2019, 64, 744-756.	1.6	23
15	Primary production in nutrient-rich kettle holes and consequences for nutrient and carbon cycling. <i>Hydrobiologia</i> , 2018, 806, 77-93.	1.0	30
16	Cleaning and sampling protocol for analysis of mercury and dissolved organic matter in freshwater systems. <i>MethodsX</i> , 2018, 5, 1017-1026.	0.7	11
17	Empirical correspondence between trophic transfer efficiency in freshwater food webs and the slope of their size spectra. <i>Ecology</i> , 2018, 99, 1463-1472.	1.5	31
18	The interplay between total mercury, methylmercury and dissolved organic matter in fluvial systems: A latitudinal study across Europe. <i>Water Research</i> , 2018, 144, 172-182.	5.3	53

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19	Organic Carbon Processing During Transport Through Boreal Inland Waters: Particles as Important Sites. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2018, 123, 2412-2428.	1.3	48
20	Interactive effects on organic matter processing from soils to the ocean: are priming effects relevant in aquatic ecosystems?. <i>Hydrobiologia</i> , 2018, 822, 1-17.	1.0	86
21	DNA metabarcoding of unfractionated water samples relates phyto- and zooplankton dynamics and reveals a single-taxon bacterial bloom. <i>Environmental Microbiology Reports</i> , 2017, 9, 383-388.	1.0	13
22	Shifts among Eukaryota, Bacteria, and Archaea define the vertical organization of a lake sediment. <i>Microbiome</i> , 2017, 5, 41.	4.9	60
23	Bacterial processes and biogeochemical changes in the water body of kettle holes - mainly driven by autochthonous organic matter?. <i>Aquatic Sciences</i> , 2017, 79, 675-687.	0.6	11
24	Benthic carbon is inefficiently transferred in the food webs of two eutrophic shallow lakes. <i>Freshwater Biology</i> , 2017, 62, 1693-1706.	1.2	22
25	The importance of landscape diversity for carbon fluxes at the landscape level: small-scale heterogeneity matters. <i>Wiley Interdisciplinary Reviews: Water</i> , 2016, 3, 601-617.	2.8	32
26	Invasive floating macrophytes reduce greenhouse gas emissions from a small tropical lake. <i>Scientific Reports</i> , 2016, 6, 20424.	1.6	65
27	Weak Response of Animal Allochthony and Production to Enhanced Supply of Terrestrial Leaf Litter in Nutrient-Rich Lakes. <i>Ecosystems</i> , 2016, 19, 311-325.	1.6	26
28	Large biomass of small feeders: ciliates may dominate herbivory in eutrophic lakes. <i>Journal of Plankton Research</i> , 2016, 38, 2-15.	0.8	31
29	Effects of Light and Autochthonous Carbon Additions on Microbial Turnover of Allochthonous Organic Carbon and Community Composition. <i>Microbial Ecology</i> , 2015, 69, 361-371.	1.4	17
30	Enhanced bacterial decomposition with increasing addition of autochthonous to allochthonous carbon without any effect on bacterial community composition. <i>Biogeosciences</i> , 2014, 11, 1479-1489.	1.3	61
31	A feedback loop links brownification and anoxia in a temperate, shallow lake. <i>Limnology and Oceanography</i> , 2014, 59, 1388-1398.	1.6	113
32	A regime shift from macrophyte to phytoplankton dominance enhances carbon burial in a shallow, eutrophic lake. <i>Ecosphere</i> , 2013, 4, 1-17.	1.0	68
33	Internal wave-induced redox shifts affect biogeochemistry and microbial activity in sediments: a simulation experiment. <i>Biogeochemistry</i> , 2013, 113, 423-434.	1.7	18
34	Ecosystem-level studies of terrestrial carbon reveal contrasting bacterial metabolism in different aquatic habitats. <i>Ecology</i> , 2013, 94, 2754-2766.	1.5	48
35	High habitat-specificity in fungal communities in oligo-mesotrophic, temperate Lake Stechlin (North-East Germany). <i>Mycology</i> , 0, 16, 17-44.	0.8	68
36	Trophic Transfer Efficiency in Lakes. <i>Ecosystems</i> , 0, , .	1.6	2