

Sarah Collins

List of Publications by Year in descending order

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28
papers

934
citations

394421

19
h-index

552781

26
g-index

28
all docs

28
docs citations

28
times ranked

1489
citing authors

#	ARTICLE	IF	CITATIONS
1	LAGOS-NE: a multi-scaled geospatial and temporal database of lake ecological context and water quality for thousands of US lakes. <i>GigaScience</i> , 2017, 6, 1-22.	6.4	102
2	Building a multi-scaled geospatial temporal ecology database from disparate data sources: fostering open science and data reuse. <i>GigaScience</i> , 2015, 4, 28.	6.4	92
3	Unexpected stasis in a changing world: Lake nutrient and chlorophyll trends since 1990. <i>Global Change Biology</i> , 2017, 23, 5455-5467.	9.5	65
4	The importance of terrestrial subsidies in stream food webs varies along a stream size gradient. <i>Oikos</i> , 2016, 125, 674-685.	2.7	60
5	Partitioning assimilatory nitrogen uptake in streams: an analysis of stable isotope tracer additions across continents. <i>Ecological Monographs</i> , 2018, 88, 120-138.	5.4	60
6	Biases in lake water quality sampling and implications for macroscale research. <i>Limnology and Oceanography</i> , 2019, 64, 1572-1585.	3.1	50
7	Lake nutrient stoichiometry is less predictable than nutrient concentrations at regional and subcontinental scales. <i>Ecological Applications</i> , 2017, 27, 1529-1540.	3.8	45
8	You are not always what we think you eat: selective assimilation across multiple whole-stream isotopic tracer studies. <i>Ecology</i> , 2014, 95, 2757-2767.	3.2	44
9	Nutrient diffusing substrata: a field comparison of commonly used methods to assess nutrient limitation. <i>Journal of the North American Benthological Society</i> , 2011, 30, 522-532.	3.1	43
10	Spatial Variability in Light Yields Colimitation of Primary Production by Both Light and Nutrients in a Forested Stream Ecosystem. <i>Ecosystems</i> , 2017, 20, 198-210.	3.4	40
11	Population Structure of a Neotropical Migratory Fish: Contrasting Perspectives from Genetics and Otolith Microchemistry. <i>Transactions of the American Fisheries Society</i> , 2013, 142, 1192-1201.	1.4	38
12	Spatial and temporal variation of ecosystem properties at macroscales. <i>Ecology Letters</i> , 2019, 22, 1587-1598.	6.4	34
13	Fish introductions and light modulate food web fluxes in tropical streams: a whole-ecosystem experimental approach. <i>Ecology</i> , 2016, 97, 3154-3166.	3.2	33
14	Winter Precipitation and Summer Temperature Predict Lake Water Quality at Macroscales. <i>Water Resources Research</i> , 2019, 55, 2708-2721.	4.2	32
15	Continental-scale variation in controls of summer CO ₂ in United States lakes. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2017, 122, 875-885.	3.0	26
16	Similarity in spatial structure constrains ecosystem relationships: Building a macroscale understanding of lakes. <i>Global Ecology and Biogeography</i> , 2018, 27, 1251-1263.	5.8	26
17	Predator-dependent diel migration by <i>Halocaridina rubra</i> shrimp (Malacostraca: Atyidae) in Hawaiian anchialine pools. <i>Aquatic Ecology</i> , 2011, 45, 35-41.	1.5	25
18	Increased Light Availability Reduces the Importance of Bacterial Carbon in Headwater Stream Food Webs. <i>Ecosystems</i> , 2016, 19, 396-410.	3.4	25

#	ARTICLE	IF	CITATIONS
19	Geographic patterns of the climate sensitivity of lakes. <i>Ecological Applications</i> , 2019, 29, e01836.	3.8	24
20	Creating multithemed ecological regions for macroscale ecology: Testing a flexible, repeatable, and accessible clustering method. <i>Ecology and Evolution</i> , 2017, 7, 3046-3058.	1.9	17
21	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 June 2011–31 July 2011. <i>Molecular Ecology Resources</i> , 2011, 11, 1124-1126.	4.8	14
22	Drivers of nitrogen transfer in stream food webs across continents. <i>Ecology</i> , 2017, 98, 3044-3055.	3.2	13
23	Constrained spectral clustering for regionalization: Exploring the trade-off between spatial contiguity and landscape homogeneity. , 2015, , .		8
24	Inconsistent browning of northeastern U.S. lakes despite increased precipitation and recovery from acidification. <i>Ecosphere</i> , 2021, 12, e03415.	2.2	8
25	Comparison of total nitrogen data from direct and Kjeldahl-based approaches in integrated data sets. <i>Limnology and Oceanography: Methods</i> , 2019, 17, 639-649.	2.0	4
26	A New Method to Reconstruct Quantitative Food Webs and Nutrient Flows from Isotope Tracer Addition Experiments. <i>American Naturalist</i> , 2020, 195, 964-985.	2.1	4
27	Partitioning macro- and micro-scale ecological processes using covariate-driven non-stationary spatial models. <i>Ecological Applications</i> , 2021, , e02485.	3.8	2
28	Geographic Patterns of the Climate Sensitivity of Lakes. <i>Bulletin of the Ecological Society of America</i> , 2019, 100, e01505.	0.2	0