Katherine E Webster

List of Publications by Year
in descending order

40 papers	2,527 citations	257450 24 h-index	315739 38 g-index
40 all docs	40 docs citations	40 times ranked	2594 citing authors

#	Article	IF	Citations
1	The influence of landscape position on lakes in northern Wisconsin. Freshwater Biology, 1997, 37, 209-217.	2.4	241
2	Spatial Variation among Lakes within Landscapes: Ecological Organization along Lake Chains. Ecosystems, 1999, 2, 395-410.	3.4	179
3	The influence of landscape position on lake chemical responses to drought in northern Wisconsin. Limnology and Oceanography, 1996, 41, 977-984.	3.1	170
4	Some size-dependent inhibitions of larger cladoceran filterers in filamentous suspensions. Limnology and Oceanography, 1978, 23, 1238-1245.	3.1	168
5	Crossâ€scale interactions: quantifying multiâ€scaled causeâ€"effect relationships in macrosystems. Frontiers in Ecology and the Environment, 2014, 12, 65-73.	4.0	164
6	A geomorphic template for the analysis of lake districts applied to the Northern Highland Lake District, Wisconsin, U.S.A.. Freshwater Biology, 2000, 43, 301-318.	2.4	145
7	Structuring features of lake districts: landscape controls on lake chemical responses to drought. Freshwater Biology, 2000, 43, 499-515.	2.4	119
8	Using Landscape Limnology to Classify Freshwater Ecosystems for Multi-ecosystem Management and Conservation. BioScience, 2010, 60, 440-454.	4.9	106
9	LAGOS-NE: a multi-scaled geospatial and temporal database of lake ecological context and water quality for thousands of US lakes. GigaScience, 2017, 6, 1-22.	6.4	102
10	SYNCHRONOUS BEHAVIOR OF TEMPERATURE, CALCIUM, AND CHLOROPHYLL IN LAKES OF NORTHERN WISCONSIN. Ecology, 2000, 81, 815-825.	3.2	101
11	Effects of Land Use on Lake Nutrients: The Importance of Scale, Hydrologic Connectivity, and Region. PLoS ONE, 2015, 10, e0135454.	2.5	98
12	Building a multi-scaled geospatial temporal ecology database from disparate data sources: fostering open science and data reuse. GigaScience, 2015, 4, 28.	6.4	92
13	Regional variability among nonlinear chlorophyllâ€"phosphorus relationships in lakes. Limnology and Oceanography, 2014, 59, 1691-1703.	3.1	78
14	An empirical evaluation of the nutrientâ€color paradigm for lakes. Limnology and Oceanography, 2008, 53, 1137-1148.	3.1	77
15	Long-Term Citizen-Collected Data Reveal Geographical Patterns and Temporal Trends in Lake Water Clarity. PLoS ONE, 2014, 9, e95769.	2.5	74
16	Synchronous Behavior of Temperature, Calcium, and Chlorophyll in Lakes of Northern Wisconsin. Ecology, 2000, 81, 815.	3.2	66
17	Landscape drivers of regional variation in the relationship between total phosphorus and chlorophyll in lakes. Freshwater Biology, 2011, 56, 1811-1824.	2.4	63
18	The freshwater landscape: lake, wetland, and stream abundance and connectivity at macroscales. Ecosphere, 2017, 8, e01911.	2.2	52

#	Article	IF	Citations
19	Biases in lake water quality sampling and implications for macroscale research. Limnology and Oceanography, 2019, 64, 1572-1585.	3.1	50
20	Transient Hydrogeological Controls on the Chemistry of a Seepage Lake. Water Resources Research, 1995, 31, 2295-2305.	4.2	48
21	Long-Term Hydrologic and Biogeoehemieal Responses of a Soft Water Seepage Lake in North Central Wisconsin. Water Resources Research, 1995, 31, 199-212.	4.2	35
22	LONG-TERM ENVIRONMENTAL MONITORING: SOME PERSPECTIVES FROM LAKES. , 1998, 8, 269-276.		35
23	Anthropogenically Driven Changes in Chloride Complicate Interpretation of Base Cation Trends in Lakes Recovering from Acidic Deposition. Environmental Science & Technology, 2007, 41, 7688-7693.	10.0	30
24	Climate confounds detection of chemical trends related to acid deposition in upper Midwest lakes in the USA. Water, Air, and Soil Pollution, 1995, 85, 1575-1580.	2.4	27
25	Quantifying sample biases of inland lake sampling programs in relation to lake surface area and land use/cover. Environmental Monitoring and Assessment, 2008, 141, 131-147.	2.7	24
26	Predicting the locations of naturally fishless lakes. Freshwater Biology, 2008, 53, 1021-1035.	2.4	24
27	<scp>LAGOSâ€US LOCUS</scp> v1.0: Data module of location, identifiers, and physical characteristics of lakes and their watersheds in the conterminous <scp>U.S.</scp>. Limnology and Oceanography Letters, 2021, 6, 270-292.	3.9	23
28	Prediction of lake depth across a 17-state region in the United States. Inland Waters, 2016, 6, 314-324.	2.2	22
29	Evidence for regional nitrogen stress on chlorophyll a in lakes across large landscape and climate gradients. Limnology and Oceanography, 2018, 63, S324.	3.1	18
30	Perceived environmental quality and place attachment in North American and European temperate lake districts. Lake and Reservoir Management, 2007, 23, 330-344.	1.3	17
31	Creating multithemed ecological regions for macroscale ecology: Testing a flexible, repeatable, and accessible clusteringÂmethod. Ecology and Evolution, 2017, 7, 3046-3058.	1.9	17
32	Small values in big data: The continuing need for appropriate metadata. Ecological Informatics, 2018, 45, 26-30.	5.2	16
33	Temporal trends in low alkalinity lakes of the Upper Midwest (1983?1989). Water, Air, and Soil Pollution, 1993, 67, 397-414.	2.4	12
34	Increasing accuracy of lake nutrient predictions in thousands of lakes by leveraging water clarity data. Limnology and Oceanography Letters, 2020, 5, 228-235.	3.9	8
35	Ecological prediction at macroscales using big data: Does sampling design matter?. Ecological Applications, 2020, 30, e02123.	3.8	7
36	The lake landscape-context framework: linking aquatic connections, terrestrial features and human effects at multiple spatial scales. Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology, 2009, 30, 695-700.	0.1	6

#	Article	IF	Citations
37	Shifts in controls on the temporal coherence of throughfall chemical flux in Acadia National Park, Maine, USA. Biogeochemistry, 2013, 116, 147-160.	3.5	5
38	What Is in a â€œLakeâ€•Name? That Which We Call a Lake by Any Other Name. Limnology and Oceanography Bulletin, 2020, 29, 1-7.	0.4	3
39	Deeper by the Dozen: Diving into a Database of 17,675 Depths for U.S. Lakes and Reservoirs. Limnology and Oceanography Bulletin, 2022, 31, 1-5.	0.4	3
40	Taking a macroscale perspective to improve understanding of shallow lake total phosphorus and chlorophyll a. Hydrobiologia, 0, , 1.	2.0	2