

Kerri Finlay

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

3,351
citations

471509

17
h-index

477307

29
g-index

31
all docs

31
docs citations

31
times ranked

4669
citing authors

#	ARTICLE	IF	CITATIONS
1	Lakes and reservoirs as regulators of carbon cycling and climate. <i>Limnology and Oceanography</i> , 2009, 54, 2298-2314.	3.1	1,977
2	Functional diversity of crustacean zooplankton communities: towards a trait-based classification. <i>Freshwater Biology</i> , 2007, 52, 796-813.	2.4	261
3	Comparative effects of urea, ammonium, and nitrate on phytoplankton abundance, community composition, and toxicity in hypereutrophic freshwaters. <i>Limnology and Oceanography</i> , 2011, 56, 2161-2175.	3.1	162
4	Phytoplankton-Specific Response to Enrichment of Phosphorus-Rich Surface Waters with Ammonium, Nitrate, and Urea. <i>PLoS ONE</i> , 2013, 8, e53277.	2.5	111
5	Regulation of spatial and temporal variability of carbon flux in six hardwater lakes of the northern Great Plains. <i>Limnology and Oceanography</i> , 2009, 54, 2553-2564.	3.1	105
6	Decrease in CO ₂ efflux from northern hardwater lakes with increasing atmospheric warming. <i>Nature</i> , 2015, 519, 215-218.	27.8	102
7	Experimental evidence that pollution with urea can degrade water quality in phosphorus-rich lakes of the Northern Great Plains. <i>Limnology and Oceanography</i> , 2010, 55, 1213-1230.	3.1	100
8	The Importance of Aquatic Carbon Fluxes in Net Ecosystem Carbon Budgets: A Catchment-Scale Review. <i>Ecosystems</i> , 2019, 22, 508-527.	3.4	62
9	Magnitudes and controls of organic and inorganic carbon flux through a chain of hardwater lakes on the northern Great Plains. <i>Limnology and Oceanography</i> , 2010, 55, 1551-1564.	3.1	61
10	Distribution and regulation of urea in lakes of central North America. <i>Freshwater Biology</i> , 2012, 57, 1277-1292.	2.4	59
11	Widespread nitrous oxide undersaturation in farm waterbodies creates an unexpected greenhouse gas sink. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 9814-9819.	7.1	56
12	Regional ecosystem variability drives the relative importance of bottom-up and top-down factors for zooplankton size spectra. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2007, 64, 516-529.	1.4	46
13	Climate control of the spring clearwater phase through the transfer of energy and mass to lakes. <i>Limnology and Oceanography</i> , 2009, 54, 2469-2480.	3.1	46
14	The use of the Laser Optical Plankton Counter to measure zooplankton size, abundance, and biomass in small freshwater lakes. <i>Limnology and Oceanography: Methods</i> , 2007, 5, 41-49.	2.0	29
15	Regulation of carbon dioxide and methane in small agricultural reservoirs: optimizing potential for greenhouse gas uptake. <i>Biogeosciences</i> , 2019, 16, 4211-4227.	3.3	23
16	Classifying Mixing Regimes in Ponds and Shallow Lakes. <i>Water Resources Research</i> , 2022, 58, .	4.2	23
17	Seasonality of pCO ₂ in a hardwater lake of the northern Great Plains: The legacy effects of climate and limnological conditions over 36 years. <i>Limnology and Oceanography</i> , 2019, 64, S118.	3.1	21
18	Effects of experimental nitrogen fertilization on planktonic metabolism and CO ₂ flux in a hypereutrophic hardwater lake. <i>PLoS ONE</i> , 2017, 12, e0188652.	2.5	20

#	ARTICLE	IF	CITATIONS
19	Radiotracer determination of the diet of calanoid copepod nauplii and copepodites in a temperate estuary. <i>ICES Journal of Marine Science</i> , 2004, 61, 552-562.	2.5	17
20	Deep-water zooplankton in the Mediterranean Sea: Results from a continuous, synchronous sampling over different regions using sediment traps. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2017, 126, 103-114.	1.4	12
21	Hydrologic, metabolic and chemical regulation of water-column metabolism and atmospheric CO ₂ exchange in a large continental reservoir during spring and summer. <i>Journal of Great Lakes Research</i> , 2015, 41, 144-154.	1.9	11
22	Generalized Additive Models of Climatic and Metabolic Controls of Subannual Variation in pCO ₂ in Productive Hardwater Lakes. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2018, 123, 1940-1959.	3.0	11
23	Ontogenetic growth rate responses of temperate marine copepods to chlorophyll concentration and light. <i>Marine Ecology - Progress Series</i> , 2006, 313, 145-156.	1.9	8
24	Citizen science for Saskatchewan lakes: a pilot project. <i>Lake and Reservoir Management</i> , 2019, 35, 77-89.	1.3	7
25	An ecosystem management framework to maintain water quality in a macrophyte-dominated, productive, shallow reservoir. <i>Hydrobiologia</i> , 2016, 776, 111-123.	2.0	5
26	Zooplankton release complex dissolved organic matter to aquatic environments. <i>Biogeochemistry</i> , 2022, 157, 313-325.	3.5	5
27	Heterogeneous Patterns of Aged Organic Carbon Export Driven by Hydrologic Flow Paths, Soil Texture, Fire, and Thaw in Discontinuous Permafrost Headwaters. <i>Global Biogeochemical Cycles</i> , 2022, 36, .	4.9	5
28	Abrupt changes in the physical and biological structure of endorheic upland lakes due to lake level variation during the 20 th century. <i>Limnology and Oceanography</i> , 2022, 67, 1022-1039.	3.1	3
29	Navigating The Waters of Citizen Science: Lessons Learnt From a Pilot Lake Monitoring Project in Saskatchewan, Canada. <i>Limnology and Oceanography Bulletin</i> , 2017, 26, 109-110.	0.4	2
30	Spatial and temporal synchrony of pCO ₂ in six hardwater lakes of central Canada. <i>Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology</i> , 2009, 30, 1061-1066.	0.1	0