

William O Hobbs

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

1,486
citations

430874

18
h-index

330143

37
g-index

38
all docs

38
docs citations

38
times ranked

2386
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploring watershed effects on nutrient concentrations in shallow lakes through stable isotope analysis. <i>Science of the Total Environment</i> , 2022, 823, 153742.	8.0	1
2	A baseline of copper associated with antifouling paint in marinas within a large fjord estuary. <i>Marine Pollution Bulletin</i> , 2022, 178, 113547.	5.0	1
3	Physical characteristics of northern forested lakes predict sensitivity to climate change. <i>Hydrobiologia</i> , 2022, 849, 2705-2729.	2.0	1
4	Using a lake sediment record to infer the long-term history of cyanobacteria and the recent rise of an anatoxin producing <i>Dolichospermum</i> sp.. <i>Harmful Algae</i> , 2021, 101, 101971.	4.8	13
5	Prevalence and persistence of microcystin in shoreline lake sediments and porewater, and associated potential for human health risk. <i>Chemosphere</i> , 2021, 272, 129581.	8.2	17
6	Toxic Burdens of Freshwater Biofilms and Use as a Source Tracking Tool in Rivers and Streams. <i>Environmental Science & Technology</i> , 2019, 53, 11102-11111.	10.0	16
7	Holocene evolution of lakes in the forest-tundra biome of northern Manitoba, Canada. <i>Quaternary Science Reviews</i> , 2017, 159, 116-138.	3.0	5
8	Watershed vs. within-lake drivers of nitrogen: phosphorus dynamics in shallow lakes. <i>Ecological Applications</i> , 2017, 27, 2155-2169.	3.8	16
9	The legacy of large regime shifts in shallow lakes. <i>Ecological Applications</i> , 2016, 26, 2662-2676.	3.8	19
10	Nitrogen deposition to lakes in national parks of the western Great Lakes region: Isotopic signatures, watershed retention, and algal shifts. <i>Global Biogeochemical Cycles</i> , 2016, 30, 514-533.	4.9	31
11	Uniform carbon fluxes in shallow lakes in alternative stable states. <i>Limnology and Oceanography</i> , 2016, 61, 330-340.	3.1	17
12	Diatom assemblages reveal regional-scale differences in lake responses to recent climate change at the boreal-tundra ecotone, Manitoba, Canada. <i>Journal of Paleolimnology</i> , 2016, 56, 275-298.	1.6	9
13	Assessing the effects of climate and volcanism on diatom and chironomid assemblages in an Andean lake near Quito, Ecuador. <i>Journal of Limnology</i> , 2015, , .	1.1	3
14	Climate Change Forces New Ecological States in Tropical Andean Lakes. <i>PLoS ONE</i> , 2015, 10, e0115338.	2.5	78
15	Climate-driven changes in lakes from the Peruvian Andes. <i>Journal of Paleolimnology</i> , 2015, 54, 153-160.	1.6	34
16	Deglacial to postglacial palaeoenvironments of the Cretaceous: lacustrine conditions versus a continuous marine sequence. <i>Boreas</i> , 2014, 43, 149-174.	2.4	11
17	Persistence of clear-water, shallow-lake ecosystems: the role of protected areas and stable aquatic food webs. <i>Journal of Paleolimnology</i> , 2014, 51, 405-420.	1.6	12
18	Stratigraphic expressions of the Holocene–Anthropocene transition revealed in sediments from remote lakes. <i>Earth-Science Reviews</i> , 2013, 116, 17-34.	9.1	135

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19	Estimating modern carbon burial rates in lakes using a single sediment sample. <i>Limnology and Oceanography: Methods</i> , 2013, 11, 316-326.	2.0	19
20	The altered ecology of Lake Christina: A record of regime shifts, land-use change, and management from a temperate shallow lake. <i>Science of the Total Environment</i> , 2012, 433, 336-346.	8.0	20
21	A 200-year perspective on alternative stable state theory and lake management from a biomanipulated shallow lake. <i>Ecological Applications</i> , 2012, 22, 1483-1496.	3.8	60
22	Holocene climate change and landscape development from a low-Arctic tundra lake in the western Hudson Bay region of Manitoba, Canada. <i>Journal of Paleolimnology</i> , 2012, 48, 175-192.	1.6	19
23	Biogeochemical responses of two alpine lakes to climate change and atmospheric deposition, Jasper and Banff National parks, Canadian Rocky Mountains. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2011, 68, 1480-1494.	1.4	25
24	Increased Mercury Loadings to Western Canadian Alpine Lakes over the Past 150 Years. <i>Environmental Science & Technology</i> , 2011, 45, 2042-2047.	10.0	37
25	A Coherent Signature of Anthropogenic Nitrogen Deposition to Remote Watersheds of the Northern Hemisphere. <i>Science</i> , 2011, 334, 1545-1548.	12.6	309
26	²¹⁰ Pb-dating of a lake sediment core from Lough Carra (Co. Mayo, western Ireland): use of paleolimnological data for chronology validation below the ²¹⁰ Pb dating horizon. <i>Journal of Environmental Radioactivity</i> , 2011, 102, 495-499.	1.7	22
27	Environmental history of a closed-basin lake in the US Great Plains: Diatom response to variations in groundwater flow regimes over the last 8500 cal. yr BP. <i>Holocene</i> , 2011, 21, 1203-1216.	1.7	18
28	Rapid ecosystem recovery from diffuse pollution after the Great Irish Famine. <i>Ecological Applications</i> , 2010, 20, 1733-1743.	3.8	16
29	Algal-silica cycling and pigment diagenesis in recent alpine lake sediments: mechanisms and paleoecological implications. <i>Journal of Paleolimnology</i> , 2010, 44, 613-628.	1.6	22
30	Glacially mediated impacts of climate warming on alpine lakes of the Canadian Rocky Mountains. <i>Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology</i> , 2010, 30, 1449-1452.	0.1	9
31	Quantifying Recent Ecological Changes in Remote Lakes of North America and Greenland Using Sediment Diatom Assemblages. <i>PLoS ONE</i> , 2010, 5, e10026.	2.5	98
32	Rapid landscape transformation in South Island, New Zealand, following initial Polynesian settlement. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 21343-21348.	7.1	226
33	Reliance on ²¹⁰ Pb Chronology Can Compromise the Inference of Preindustrial Hg Flux to Lake Sediments. <i>Environmental Science & Technology</i> , 2010, 44, 1998-2003.	10.0	27
34	Lake-sediment geochemistry reveals 1400 years of evolving extractive metallurgy at Cerro de Pasco, Peruvian Andes. <i>Geology</i> , 2009, 37, 1019-1022.	4.4	35
35	Recent paleolimnology of three lakes in the Fraser River Basin (BC, Canada): no response to the collapse of sockeye salmon stocks following the Hells Gate landslides. <i>Journal of Paleolimnology</i> , 2008, 40, 295-308.	1.6	12
36	Caveats on the use of paleolimnology to infer Pacific salmon returns. <i>Limnology and Oceanography</i> , 2007, 52, 2053-2061.	3.1	13

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37	Are Current Rates of Atmospheric Nitrogen Deposition Influencing Lakes in the Eastern Canadian Arctic?. <i>Arctic, Antarctic, and Alpine Research</i> , 2006, 38, 465-476.	1.1	70
38	Using sediments to assess the resistance of a calcareous lake to diffuse nutrient loading. <i>Archiv für Hydrobiologie</i> , 2005, 164, 109-125.	1.1	10