Roberto Quinlan

List of Publications by Year
in descending order

33 papers	2,391 citations	331670 21 h-index	434195 31 g-index
33 all docs	33 docs citations	33 times ranked	2379 citing authors

#	Article	IF	Citations
1	Relationships of total phosphorus and chlorophyll in lakes worldwide. Limnology and Oceanography, 2021, 66, 392-404.	3.1	64
2	Arctic chironomids of the northwest North Atlantic reflect environmental and biogeographic gradients. Journal of Biogeography, 2021, 48, 511-525.	3.0	11
3	Effects of recent climate and environmental changes on the ecology of a boreal forest lake in Manitoba, Canada. Journal of Paleolimnology, 2021, 66, 15-27.	1.6	0
4	Total phosphorus and climate are equally important predictors of water quality in lakes. Aquatic Sciences, 2021, 83, 1.	1.5	27
5	Temperature change as a driver of spatial patterns and longâ€term trends in chironomid (Insecta:) Tj ETQq1 1 0.784314 rgBT /Overlock	9.5	39
6	A database of chlorophyll and water chemistry in freshwater lakes. Scientific Data, 2020, 7, 310.	5.3	37
7	Are different benthic communities in Arctic delta lakes distinguishable along a hydrological connectivity gradient using a rapid bioassessment approach?. Arctic Science, 2020, 6, 463-487.	2.3	2
8	Characterization of perfluoroalkyl substances in sediment cores from High and Low Arctic lakes in Canada. Science of the Total Environment, 2019, 666, 414-422.	8.0	45
9	Quantitative paleolimnological inference models applied to a high-resolution biostratigraphic study of lake degradation and recovery, Onondaga Lake, New York (USA). Journal of Paleolimnology, 2016, 55, 241-258.	1.6	4
10	Biological and nutrient responses to catchment disturbance and warming in small lakes near the Alaskan tundraâ€“taiga boundary. Holocene, 2014, 24, 1308-1319.	1.7	22
11	Midge (<scp>C</scp>hironomidae, <scp>C</scp>haoboridae, <scp>C</scp>eratopogonidae) assemblages and their relationship with biological and physicochemical variables in shallow, polymictic lakes. Freshwater Biology, 2013, 58, 2464-2480.	2.4	10
12	The state of Lake Simcoe (Ontario, Canada): the effects of multiple stressors on phosphorus and oxygen dynamics. Inland Waters, 2013, 3, 51-74.	2.2	44
13	Long-term water quality changes in a multiple-stressor system: a diatom-based paleolimnological study of Lake Simcoe (Ontario, Canada). Canadian Journal of Fisheries and Aquatic Sciences, 2012, 69, 24-40.	1.4	31
14	Patterns in the limnology of lakes and ponds across multiple local and regional environmental gradients in the eastern Canadian Arctic. Inland Waters, 2012, 2, 59-76.	2.2	18
15	Climate-mediated changes in small lakes inferred from midge assemblages: the influence of thermal regime and lake depth. Journal of Paleolimnology, 2012, 48, 297-310.	1.6	13
16	A high resolution multi-proxy record of pronounced recent environmental change at Baker Lake, Nunavut. Journal of Paleolimnology, 2012, 47, 661-676.	1.6	24
17	The distribution of the Chironomidae (Insecta: Diptera) along multiple environmental gradients in lakes and ponds of the eastern Canadian Arctic. Canadian Journal of Fisheries and Aquatic Sciences, 2011, 68, 1511-1527.	1.4	51
18	Cultural eutrophication, anoxia, and ecosystem recovery in Meretta Lake, High Arctic Canada. Limnology and Oceanography, 2011, 56, 639-650.	3.1	46

#	Article	IF	Citations
19	Use of subfossil Chaoborus mandibles in models for inferring past hypolimnetic oxygen. Journal of Paleolimnology, 2010, 44, 43-50.	1.6	36
20	The extant Chaoborus assemblage can be assessed using subfossil mandibles. Freshwater Biology, 2010, 55, 2458-2467.	2.4	14
21	Assessing hypolimnetic oxygen concentrations in Canadian Shield lakes: Deriving management benchmarks using two methods. Lake and Reservoir Management, 2009, 25, 313-322.	1.3	2
22	Food web changes in arctic ecosystems related to climate warming. Global Change Biology, 2005, 11, 1381-1386.	9.5	63
23	Comparing different methods of calculating volume-weighted hypolimnetic oxygen (VWHO) in lakes. Aquatic Sciences, 2005, 67, 97-103.	1.5	16
24	Climate-driven regime shifts in the biological communities of arctic lakes. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 4397-4402.	7.1	828
25	A landscape approach to examining spatial patterns of limnological variables and long-term environmental change in a southern Canadian lake district. Freshwater Biology, 2003, 48, 1676-1697.	2.4	49
26	Landscape effects of climate, agriculture, and urbanization on benthic invertebrate communities of Canadian prairie lakes. Limnology and Oceanography, 2002, 47, 378-391.	3.1	38
27	Title is missing!. Journal of Paleolimnology, 2002, 27, 249-260.	1.6	46
28	Chironomid-based inference models for estimating end-of-summer hypolimnetic oxygen from south-central Ontario shield lakes. Freshwater Biology, 2001, 46, 1529-1551.	2.4	143
29	Title is missing!. Journal of Paleolimnology, 2001, 26, 327-342.	1.6	264
30	Effects of sequential depositional basins on lake response to urban and agricultural pollution: a palaeoecological analysis of the Qu'Appelle Valley, Saskatchewan, Canada. Freshwater Biology, 2000, 43, 319-337.	2.4	32
31	Title is missing!. Journal of Paleolimnology, 2000, 23, 319-336.	1.6	97
32	Effects of agriculture, urbanization, and climate on water quality in the northernGreat Plains. Limnology and Oceanography, 1999, 44, 739-756.	3.1	274
33	The limnological response of Arctic deltaic lakes to alterations in flood regime. Inland Waters, 0, , 1-45.	2.2	1