

Joshua R Thienpont

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

745
citations

516710

16
h-index

552781

26
g-index

29
all docs

29
docs citations

29
times ranked

1006
citing authors

#	ARTICLE	IF	CITATIONS
1	Trophic position influences the efficacy of seabirds as metal biovectors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 10543-10548.	7.1	98
2	Biological responses to permafrost thaw slumping in Canadian Arctic lakes. <i>Freshwater Biology</i> , 2013, 58, 337-353.	2.4	77
3	Arctic climate warming and sea ice declines lead to increased storm surge activity. <i>Geophysical Research Letters</i> , 2013, 40, 1386-1390.	4.0	70
4	Paleolimnology of thermokarst lakes: a window into permafrost landscape evolution. <i>Arctic Science</i> , 2017, 3, 91-117.	2.3	61
5	Multi-trophic level response to extreme metal contamination from gold mining in a subarctic lake. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20161125.	2.6	52
6	Impacts of a recent storm surge on an Arctic delta ecosystem examined in the context of the last millennium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 8960-8965.	7.1	49
7	Spatial and Temporal Assessment of Mercury and Organic Matter in Thermokarst Affected Lakes of the Mackenzie Delta Uplands, NT, Canada. <i>Environmental Science & Technology</i> , 2012, 46, 8748-8755.	10.0	36
8	Anomalous rise in algal production linked to lakewater calcium decline through food web interactions. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 1210-1217.	2.6	35
9	Paleo-ecotoxicology: What Can Lake Sediments Tell Us about Ecosystem Responses to Environmental Pollutants?. <i>Environmental Science & Technology</i> , 2017, 51, 9446-9457.	10.0	31
10	Using Multiple Sources of Knowledge to Investigate Northern Environmental Change: Regional Ecological Impacts of a Storm Surge in the Outer Mackenzie Delta, N.W.T.. <i>Arctic</i> , 2012, 65, .	0.4	26
11	Recent climate warming favours more specialized cladoceran taxa in western Canadian Arctic lakes. <i>Journal of Biogeography</i> , 2015, 42, 1553-1565.	3.0	25
12	Investigating the response of Cladocera to a major saltwater intrusion event in an Arctic lake from the outer Mackenzie Delta (NT, Canada). <i>Journal of Paleolimnology</i> , 2012, 48, 287-296.	1.6	24
13	Determining the effects of past gold mining using a sediment palaeotoxicity model. <i>Science of the Total Environment</i> , 2020, 718, 137308.	8.0	22
14	Comparative histories of polycyclic aromatic compound accumulation in lake sediments near petroleum operations in western Canada. <i>Environmental Pollution</i> , 2017, 231, 13-21.	7.5	20
15	Broad-scale lake expansion and flooding inundates essential wood bison habitat. <i>Nature Communications</i> , 2017, 8, 14510.	12.8	19
16	Exploratory Hydrocarbon Drilling Impacts to Arctic Lake Ecosystems. <i>PLoS ONE</i> , 2013, 8, e78875.	2.5	16
17	Interactions of polychlorinated biphenyls and organochlorine pesticides with sedimentary organic matter of retrogressive thaw slump-affected lakes in the tundra uplands adjacent to the Mackenzie Delta, NT, Canada. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2016, 121, 411-421.	3.0	15
18	Arctic coastal freshwater ecosystem responses to a major saltwater intrusion: A landscape-scale palaeolimnological analysis. <i>Holocene</i> , 2012, 22, 1451-1460.	1.7	14

#	ARTICLE	IF	CITATIONS
19	Environmental drivers of cladoceran assemblages at a continental scale: A synthesis of Alaskan and Canadian datasets. <i>Freshwater Biology</i> , 2021, 66, 949-967.	2.4	9
20	Synchronous changes in chironomid assemblages in two Arctic delta lake ecosystems after a major saltwater intrusion event. <i>Journal of Paleolimnology</i> , 2015, 53, 177-189.	1.6	7
21	Assessing the contribution of combustion-derived contaminants to a remote subarctic environment from traffic on the Tibbitt to Contwoyto winter road (Northwest Territories, Canada). <i>Science of the Total Environment</i> , 2016, 553, 96-106.	8.0	7
22	Paleolimnology can provide the missing long-term perspective in ecotoxicology research. <i>Integrated Environmental Assessment and Management</i> , 2017, 13, 957-959.	2.9	7
23	A paleolimnological approach for interpreting aquatic effects monitoring at the Diavik Diamond Mine (Lac de Gras, Northwest Territories, Canada). <i>Lake and Reservoir Management</i> , 2020, 36, 297-313.	1.3	6
24	Assessing environmental stressors on a commercial walleye fishery from a large northern ecosystem (Tathlina Lake) using water chemistry and paleolimnology. <i>Journal of Great Lakes Research</i> , 2016, 42, 217-222.	1.9	5
25	Anomalous rise in algal production linked to lakewater calcium decline through food web interactions. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 1210-1217.	2.6	5
26	The impact of calcium-rich diamond mining effluent on downstream cladoceran communities in softwater lakes of the Northwest Territories, Canada. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2018, 75, 2221-2232.	1.4	3
27	Have natural lake expansion and landscape inundation resulted in mercury increases in flooded lakes of the Great Slave Lowlands (Northwest Territories, Canada)? <i>Journal of Paleolimnology</i> , 2019, 61, 345-354.	1.6	2
28	Tracking petrogenic hydrocarbons in lakes of the Peace-Athabasca Delta in Alberta, Canada using petroleum biomarkers. <i>Environmental Pollution</i> , 2021, 286, 117286.	7.5	2
29	Thermokarst Disturbance Drives Concentration and Composition of Metals and Polycyclic Aromatic Compounds in Lakes of the Western Canadian Arctic. <i>Journal of Geophysical Research C: Biogeosciences</i> , 2020, 125, e2020JG005834.	3.0	2