Roland Hall

List of Publications by Citations

129 papers	4,521 citations	40 h-index	63 g-index
134 ext. papers	4,832 ext. citations	3.6 avg, IF	5.22 L-index

#	Paper	IF	Citations
129	POTENTIAL EFFECTS OF CLIMATE CHANGES ON AQUATIC SYSTEMS: LAURENTIAN GREAT LAKES AND PRECAMBRIAN SHIELD REGION. *Hydrological Processes*, **1997**, 11, 825-871	3.3	338
128	A weightedâ€averaging regression and calibration model for inferring total phosphorus concentration from diatoms in British Columbia (Canada) lakes. *Freshwater Biology*, **1992**, 27, 417-434	3.1	228
127	Effects of agriculture, urbanization, and climate on water quality in the northern Great Plains. *Limnology and Oceanography*, **1999**, 44, 739-756	4.8	213
126	Chironomids as indicators of climate change: a 100-lake training set from a subarctic region of northern Sweden (Lapland). *Journal of Paleolimnology*, **2001**, 26, 307-322	2.1	189
125	Quantitative multiproxy assessment of long-term patterns of Holocene environmental change from a small lake near Abisko, northern Sweden. *Holocene*, **2002**, 12, 481-496	2.6	182
124	Quantitative inferences of past hypolimnetic anoxia in south-central Ontario lakes using fossil midges (Diptera: Chironomidae). *Canadian Journal of Fisheries and Aquatic Sciences*, **1998**, 55, 587-596	2.4	105
123	An expanded weighted-averaging model for inferring past total phosphorus concentrations from diatom assemblages in eutrophic British Columbia (Canada) lakes. *Journal of Paleolimnology*, **1995**, 14, 49-67	2.1	103
122	Paleolimnological assessment of long-term water-quality changes in south-central Ontario lakes affected by cottage development and acidification. *Canadian Journal of Fisheries and Aquatic Sciences*, **1996**, 53, 1-17	2.4	99
121	CONTROLS OF ALGAL ABUNDANCE AND COMMUNITY COMPOSITION DURING ECOSYSTEM STATE CHANGE. *Ecology*, **2005**, 86, 2200-2211	4.6	93
120	Diatoms as indicators of climatic and limnological change in Swedish Lapland: a 100-lake calibration set and its validation for paleoecological reconstructions. *Journal of Paleolimnology*, **2002**, 27, 97-115	2.1	89
119	Diatoms as indicators of lake eutrophication128-168		89
118	Science-policy processes for transboundary water governance. *Ambio*, **2015**, 44, 353-66	6.5	84
117	Diatom transfer-functions for quantifying past air temperature, pH and total organic carbon concentration from lakes in northern Sweden. *Journal of Paleolimnology*, **2000**, 24, 109-123	2.1	84
116	Classification of hydrological regimes of northern floodplain basins (Peaceâ€Athabasca Delta, Canada) from analysis of stable isotopes (δ18O, δ2H) and water chemistry. *Hydrological Processes*, **2007**, 21, 151-168	3.3	78
115	Chironomids as quantitative indicators of mean July air temperature: validation by comparison with century-long meteorological records from northern Sweden. *Journal of Paleolimnology*, **2003**, 29, 475-493	2.1	73
114	Reconstruction of multi-century flood histories from oxbow lake sediments, Peace-Athabasca Delta, Canada. *Hydrological Processes*, **2006**, 20, 4131-4153	3.3	72
113	Holocene environmental change at Lake Njulla (999 m a.s.l.), northern Sweden: a comparison with four small nearby lakes alongan altitudinal gradient. *Journal of Paleolimnology*, **2003**, 29, 13-29	2.1	70

112	Quantitative inferences of past hypolimnetic anoxia and nutrient levels from a Canadan Precambrian Shield lake. *Journal of Paleolimnology*, **2000**, 23, 319-336	2.1	69
111	Past trophic status and hypolimnetic anoxia during eutrophicaton and remediation of Gravenhurst Bay, Ontario: comparison of diatoms, chironomids, and historical records. *Canadian Journal of Fisheries and Aquatic Sciences*, **2000**, 57, 333-341	2.4	69
110	Holocene temperature estimates and chironomid community composition in the Abisko Valley, northern Sweden. *Quaternary Science Reviews*, **2004**, 23, 2453-2465	3.9	67
109	Impacts of climate and river flooding on the hydro-ecology of a floodplain basin, Peace-Athabasca Delta, Canada since A.D. 1700. *Quaternary Research*, **2005**, 64, 147-162	1.9	55
108	Limnological succession in reservoirs: a paleolimnological comparison of two methods of reservoir formation. *Canadian Journal of Fisheries and Aquatic Sciences*, **1999**, 56, 1109-1121	2.4	55
107	Diatoms as quantitative indicators of July temperature: a validation attempt at century-scale with meteorological data from northern Sweden. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **2003**, 189, 147-160	2.9	54
106	Has Alberta oil sands development altered delivery of polycyclic aromatic compounds to the Peace-Athabasca Delta?. *PLoS ONE*, **2012**, 7, e46089	3.7	54
105	Vulnerability of shallow subarctic lakes to evaporate and desiccate when snowmelt runoff is low. *Geophysical Research Letters*, **2013**, 40, 6112-6117	4.9	51
104	Comparison of diatoms, fossil pigments and historical records as measures of lake eutrophication. *Freshwater Biology*, **1997**, 38, 401-417	3.1	48
103	Hydroecological responses of the Athabasca Delta, Canada, to changes in river flow and climate during the 20th century. *Ecohydrology*, **2008**, 1, 131-148	2.5	46
102	A Whole-Lake Experiment to Determine the Effects of Winter Droughts on Shallow Lakes. *Ecosystems*, **2005**, 8, 694-708	3.9	45
101	Holocene sedimentation in glacial Tasikutaaq Lake, Baffin Island. *Canadian Journal of Earth Sciences* , **1988**, 25, 810-823	1.5	44
100	The Diatoms: Applications for the Environmental and Earth Sciences122-151		44
99	Controls on water balance of shallow thermokarst lakes and their relations with catchment characteristics: a multi-year, landscape-scale assessment based on water isotope tracers and remote sensing in Old Crow Flats, Yukon (Canada). *Global Change Biology*, **2014**, 20, 1585-1603	11.4	43
98	Epiphytic diatoms as flood indicators. *Journal of Paleolimnology*, **2010**, 44, 25-42	2.1	42
97	Holocene environmental history of Lake Vuolep Njakajaure (Abisko National Park, northern Sweden) reconstructed using biological proxy indicators. *Vegetation History and Archaeobotany*, **2006**, 15, 309-320	2.6	42
96	Paleolimnology of thermokarst lakes: a window into permafrost landscape evolution. *Arctic Science*, **2017**, 3, 91-117	2.2	41
95	Algal responses to dissolved organic carbon loss and pH decline during whole-lake acidification: Evidence from paleolimnology. *Limnology and Oceanography*, **1999**, 44, 757-773	4.8	41

94	Spatiotemporal patterns of mercury accumulation in lake sediments of western North America. *Science of the Total Environment*, **2016**, 568, 1157-1170	10.2	40
93	Fossil pigments as indicators of phototrophic response to salinity and climatic change in lakes of western Canada. *Canadian Journal of Fisheries and Aquatic Sciences*, **1998**, 55, 668-681	2.4	40
92	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	3.1	40
91	Near-infrared spectrometry (NIRS): a new tool for inferring past climatic changes from lake sediments. *Holocene*, **2000**, 10, 161-166	2.6	40
90	The influence of catchment size on lake trophic status during the hemlock decline and recovery (4800 to 3500 BP) in southern Ontario lakes. *Hydrobiologia*, **1993**, 269-270, 371-390	2.4	40
89	Evidence for past variations in methane availability in a Siberian thermokarst lake based on 13C of chitinous invertebrate remains. *Quaternary Science Reviews*, **2013**, 66, 74-84	3.9	39
88	Has Alberta oil sands development increased far-field delivery of airborne contaminants to the Peace-Athabasca Delta?. *Science of the Total Environment*, **2012**, 433, 379-82	10.2	38
87	Development and application of sedimentary pigments for assessing effects of climatic and environmental changes on subarctic lakes in northern Sweden. *Journal of Paleolimnology*, **2010**, 43, 149-169	2.1	37
86	Long-term assessments of ecological effects of anthropogenic stressors on aquatic ecosystems from paleoecological analyses: challenges to perspectives of lake management. *Canadian Journal of Fisheries and Aquatic Sciences*, **2008**, 65, 933-944	2.4	37
85	Marked recent increases of colonial scaled chrysophytes in boreal lakes: implications for the management of taste and odour events. *Freshwater Biology*, **2004**, 49, 199-207	3.1	36
84	Quantitative Calibration of Remote Mountain-Lake Sediments as Climatic Recorders of Air Temperature and Ice-Cover Duration. *Arctic, Antarctic, and Alpine Research*, **2005**, 37, 626-635	1.8	36
83	Source Apportionment of Background PAHs in the Peace-Athabasca Delta (Alberta, Canada) Using Molecular Level Radiocarbon Analysis. *Environmental Science & Technology*, **2015**, 49, 9056-63	10.3	34
82	Developing temporal hydroecological perspectives to inform stewardship of a northern floodplain landscape subject to multiple stressors: paleolimnological investigations of the PeaceâAthabasca Delta. *Environmental Reviews*, **2012**, 20, 191-210	4.5	34
81	Comparing annual population growth estimates of the exotic invader Bythotrephes by using sediment and plankton records. *Limnology and Oceanography*, **1997**, 42, 112-120	4.8	34
80	Climate-driven shifts in quantity and seasonality of river discharge over the past 1000 years from the hydrographic apex of North America. *Geophysical Research Letters*, **2008**, 35,	4.9	33
79	Paleolimnological evidence of the effects of recent cultural eutrophication during the last 200 years in Lake Malawi, East Africa. *Journal of Great Lakes Research*, **2011**, 37, 61-74	3	31
78	Relationships between hydrological and limnological conditions in lakes of the Slave River Delta (NWT, Canada) and quantification of their roles on sedimentary diatom assemblages. *Journal of Paleolimnology*, **2008**, 39, 533-550	2.1	31
77	Interdecadal declines in flood frequency increase primary production in lakes of a northern river delta. *Global Change Biology*, **2011**, 17, 1212-1224	11.4	27

76	Landscape effects of climate, agriculture, and urbanization on benthic invertebrate communities of Canadian prairie lakes. *Limnology and Oceanography*, **2002**, 47, 378-391	4.8	27
75	Relations between lake morphometry and the presence of laminated lake sediments. *Quaternary Science Reviews*, **1998**, 17, 711-717	3.9	26
74	Using Water Isotope Tracers to Develop the Hydrological Component of a Long-Term Aquatic Ecosystem Monitoring Program for a Northern Lake-Rich Landscape. *Arctic, Antarctic, and Alpine Research*, **2013**, 45, 594-614	1.8	25
73	Use of pre-industrial floodplain lake sediments to establish baseline river metal concentrations downstream of Alberta oil sands: a new approach for detecting pollution of rivers. *Environmental Research Letters*, **2014**, 9, 124019	6.2	25
72	A synthesis of thermokarst lake water balance in high-latitude regions of North America from isotope tracers. *Arctic Science*, **2017**, 3, 118-149	2.2	24
71	Divergent hydrological responses to 20th century climate change in shallow tundra ponds, western Hudson Bay Lowlands. *Geophysical Research Letters*, **2011**, 38, n/a-n/a	4.9	24
70	Tracking hydrological responses of a thermokarst lake in the Old Crow Flats (Yukon Territory, Canada) to recent climate variability using aerial photographs and paleolimnological methods. *Hydrological Processes*, **2012**, 26, 117-129	3.3	23
69	Effects of multiple stressors on lakes in south-central Ontario: 15 years of change in lakewater chemistry and sedimentary diatom assemblages. *Aquatic Sciences*, **2013**, 75, 349-360	2.5	23
68	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	3.1	23
67	Environmental Change and Traditional Use of the Old Crow Flats in Northern Canada: An IPY Opportunity to Meet the Challenges of the New Northern Research Paradigm. *Arctic*, **2011**, 64, 127	2.1	22
66	Timescales of hydrolimnological change in floodplain lakes of the Peace-Athabasca Delta, northern Alberta, Canada. *Ecohydrology*, **2012**, 5, 351-367	2.5	20
65	Contrasting responses of dimictic and polymictic lakes to environmental change: a spatial and temporal study. *Aquatic Sciences*, **2010**, 72, 97-115	2.5	20
64	Effects of drought-induced acidification on diatom communities in acid-sensitive Ontario lakes. *Limnology and Oceanography*, **2003**, 48, 1662-1673	4.8	20
63	Nutrient Uptake and Short-Term Responses of Phytoplankton and Benthic Algal Communities from a Subarctic Pond to Experimental Nutrient Enrichment in Microcosms. *Arctic, Antarctic, and Alpine Research*, **2014**, 46, 191-205	1.8	18
62	Assessment of vanadium and nickel enrichment in Lower Athabasca River floodplain lake sediment within the Athabasca Oil Sands Region (Canada). *Environmental Pollution*, **2020**, 265, 114920	9.3	18
61	Limnological regime shifts caused by climate warming and Lesser Snow Goose population expansion in the western Hudson Bay Lowlands (Manitoba, Canada). *Ecology and Evolution*, **2015**, 5, 921-39	2.8	16
60	Hydrological Connectivity and Basin Morphometry Influence Seasonal Water-Chemistry Variations in Tundra Ponds of the Northwestern Hudson Bay Lowlands. *Arctic, Antarctic, and Alpine Research*, **2014**, 46, 218-235	1.8	16
59	Biological and nutrient responses to catchment disturbance and warming in small lakes near the Alaskan tundraâ□taiga boundary. *Holocene*, **2014**, 24, 1308-1319	2.6	16

58	A 5200-year record of freshwater availability for regions in western North America fed by high-elevation runoff. *Geophysical Research Letters*, **2011**, 38, n/a-n/a	4.9	16
57	Chrysophyte cysts as paleolimnological indicators of environmental change due to cottage development and acidic deposition in the Muskoka-Haliburton region, Ontario, Canada. *Journal of Paleolimnology*, **1999**, 22, 17-39	2.1	16
56	Paleolimnological assessment of riverine and atmospheric pathways and sources of metal deposition at a floodplain lake (Slave River Delta, Northwest Territories, Canada). *Science of the Total Environment*, **2016**, 544, 811-23	10.2	15
55	Historical and paleolimnological evidence for expansion of Lake Athabasca (Canada) during the Little Ice Age. *Journal of Paleolimnology*, **2010**, 43, 705-717	2.1	15
54	Lake Sediment Core Records of Sulphur Accumulation and Sulphur Isotopic Composition in Central Ontario, Canada Lakes. *Journal of Paleolimnology*, **2006**, 35, 99-109	2.1	15
53	Inconsequential effects of flooding in 2014 on lakes in the Peace-Athabasca Delta (Canada) due to long-term drying. *Limnology and Oceanography*, **2018**, 63, 1502-1518	4.8	14
52	Source water inputs and catchment characteristics regulate limnological conditions of shallow subarctic lakes (Old Crow Flats, Yukon, Canada). *Canadian Journal of Fisheries and Aquatic Sciences*, **2015**, 72, 1058-1072	2.4	13
51	Developing biomonitoring protocols for shallow Arctic lakes using diatoms and artificial substrate samplers. *Hydrobiologia*, **2012**, 683, 231-248	2.4	13
50	Long-term precipitation-driven salinity change in a saline, peat-forming wetland in the Athabasca Oil Sands Region, Canada: a diatom-based paleolimnological study. *Journal of Paleolimnology*, **2017**, 58, 533-550	2.1	13
49	Past variation in Lower Peace River ice-jam flood frequency. *Environmental Reviews*, **2020**, 28, 209-217	4.5	13
48	Bi-directional hydrological changes in perched basins of the Athabasca Delta (Canada) in recent decades caused by natural processes. *Environmental Research Communications*, **2019**, 1, 081001	3.1	12
47	Flood Frequency Variability During the Past 80 Years in the Slave River Delta, NWT, as Determined from Multi-Proxy Paleolimnological Analysis. *Canadian Water Resources Journal*, **2010**, 35, 281-300	1.7	12
46	Scaled chrysophytes as indicators of water quality changes since preindustrial times in the Muskoka?Haliburton region, Ontario, Canada. *Canadian Journal of Fisheries and Aquatic Sciences*, **2001**, 58, 2468-2481	2.4	12
45	Use of pre-industrial baselines to monitor anthropogenic enrichment of metals concentrations in recently deposited sediment of floodplain lakes in the Peace-Athabasca Delta (Alberta, Canada). *Environmental Monitoring and Assessment*, **2020**, 192, 106	3.1	11
44	Assessment of benthic algal biomonitoring protocols to evaluate effects of shoreline development on the nearshore zone of Precambrian Shield lakes in Ontario. *Lake and Reservoir Management*, **2011**, 27, 398-413	1.3	11
43	Scaled chrysophytes as indicators of water quality changes since preindustrial times in the Muskoka?Haliburton region, Ontario, Canada. *Canadian Journal of Fisheries and Aquatic Sciences*, **2001**, 58, 2468-2481	2.4	11
42	Avian-Driven Modification of Seasonal Carbon Cycling at a Tundra Pond in the Hudson Bay Lowlands (Northern Manitoba, Canada). *Arctic, Antarctic, and Alpine Research*, **2014**, 46, 206-217	1.8	10
41	Étude paléolimnologique de l'histoire trophique du lac Saint-Charles, réservoir d'eau potable de la Communauté Urbaine de Québec. *Revue Des Sciences De L'Eau*, **2001**, 14, 489-510	0.2	10

40	Evaluating temporal patterns of metals concentrations in floodplain lakes of the Athabasca Delta (Canada) relative to pre-industrial baselines. *Science of the Total Environment*, **2020**, 704, 135309	10.2	10
39	Distribution and diversity of diatom assemblages in surficial sediments of shallow lakes in Wapusk National Park (Manitoba, Canada) region of the Hudson Bay Lowlands. *Ecology and Evolution*, **2016**, 6, 4526-40	2.8	10
38	Changes in Sedimentary Phosphorus Burial Following Artificial Eutrophication of Lake 227, Experimental Lakes Area, Ontario, Canada. *Journal of Geophysical Research G: Biogeosciences*, **2020**, 125, e2020JG005713	3.7	9
37	Human Impacts: Applications of Numerical Methods to Evaluate Surface-Water Acidification and Eutrophication. *Developments in Paleoenvironmental Research*, **2012**, 579-614		9
36	Discussion of âFrequency of ice-jam flooding of Peace-Athabasca Deltaâ*Canadian Journal of Civil Engineering*, **2019**, 46, 236-238	1.3	8
35	Historical decline and altered congener patterns of polychlorinated dibenzo-p-dioxins and dibenzofurans in fish and sediment in response to process changes at a pulp mill discharging into Jackfish Bay, Lake Superior. *Environmental Toxicology and Chemistry*, **2015**, 34, 2489-502	3.8	7
34	Multi-year isoscapes of lake water balances across a dynamic northern freshwater delta. *Environmental Research Letters*, **2020**, 15, 104066	6.2	7
33	Delineating extent and magnitude of river flooding to lakes across a northern delta using water isotope tracers. *Hydrological Processes*, **2020**, 34, 303-320	3.3	7
32	POTENTIAL EFFECTS OF CLIMATE CHANGES ON AQUATIC SYSTEMS: LAURENTIAN GREAT LAKES AND PRECAMBRIAN SHIELD REGION **1997**, 11, 825		7
31	Evaluating the use of algal pigments to assess the biological condition of streams. *Environmental Monitoring and Assessment*, **2013**, 185, 7895-913	3.1	6
30	Beyond the Mass Balance: Watershed Phosphorus Legacies and the Evolution of the Current Water Quality Policy Challenge. *Water Resources Research*, **2021**, 57, e2020WR029316	5.4	6
29	Organic matter accumulation and salinity change in open water areas within a saline boreal fen in the Athabasca Oil Sands Region, Canada. *Catena*, **2018**, 165, 425-433	5.8	5
28	Past and present mercury flux to a West African crater lake (Lake Bosomtwe/Bosumtwi, Ghana). *Science of the Total Environment*, **2012**, 420, 340-4	10.2	5
27	The role of flooding on inter-annual and seasonal variability of lake water chemistry, phytoplankton diatom communities and macrophyte biomass in the Slave River Delta (Northwest Territories, Canada). *Ecohydrology*, **2009**, 3, n/a-n/a	2.5	5
26	A diatom-training set for palaeoclimatic inferences from lakes in northern Sweden. *Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology*, **2000**, 27, 1174-1182		5
25	Temporal dynamics and relationship between climate, limnological variables and zooplankton composition in climate-sensitive Lake Bosumtwi, Ghana. *African Journal of Aquatic Science*, **2017**, 42, 21-33	1.6	4
24	Response of periphytic diatom communities to multiple stressors influencing lakes in the Muskoka River Watershed, Ontario, Canada. *Freshwater Science*, **2017**, 36, 77-89	2	4
23	Characterizing baseline concentrations, proportions, and processes controlling deposition of river-transported bitumen-associated polycyclic aromatic compounds at a floodplain lake (Slave River Delta, Northwest Territories, Canada). *Environmental Monitoring and Assessment*, **2016**, 188, 282	3.1	4

22	Limnological evolution of Zelma Lake, a recently drained thermokarst lake in Old Crow Flats (Yukon, Canada). *Arctic Science*, **2017**, 3, 220-236	2.2	4
21	Relations between water physico-chemistry and benthic algal communities in a northern Canadian watershed: defining reference conditions using multiple descriptors of community structure. *Environmental Monitoring and Assessment*, **2015**, 187, 564	3.1	3
20	Floodplain Lakes: Evolution and Response. *Eos*, **2011**, 92, 154-154	1.5	3
19	Field testing cellulose-water oxygen isotope relations in periphyton for paleohydrological reconstructions. *Journal of Paleolimnology*, **2021**, 66, 297-312	2.1	3
18	Integrated analysis of petroleum biomarkers and polycyclic aromatic compounds in lake sediment cores from an oil sands region. *Environmental Pollution*, **2021**, 270, 116060	9.3	3
17	Effects of shoreline permafrost thaw on nutrient dynamics and diatom ecology in a subarctic tundra pond. *Journal of Paleolimnology*, **2019**, 62, 151-163	2.1	2
16	Secondary production of Chaoborus ceratopogones (Diptera: Chaoboridae) in Lake Bosumtwi, Ghana. *Aquatic Insects*, **2012**, 34, 115-130	0.5	2
15	Response to Commentary by Beltaos and Peters on: âPast variation in Lower Peace River ice-jam flood frequencyâby Wolfe et al. (2020). *Environmental Reviews*, **2020**, 28, 567-568	4.5	2
14	Evaluating Lower Athabasca River Sediment Metal Concentrations from Alberta Oil Sands Monitoring Programs Using Predevelopment Baselines. *Environmental Science & Technology*, **2021**, 55, 8817-8828	10.3	2
13	Effects of physical dynamics on the water column structure of Lake Bosomtwe/Bosumtwi, Ghana (West Africa). *Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology*, **2009**, 30, 1077-1081		1
12	Building upon open-barrel corer and sectioning systems to foster the continuing legacy of John Glew. *Journal of Paleolimnology*, **2021**, 65, 271-277	2.1	1
11	Tracking petrogenic hydrocarbons in lakes of the Peace-Athabasca Delta in Alberta, Canada using petroleum biomarkers. *Environmental Pollution*, **2021**, 286, 117286	9.3	1
10	Quantifying arsenic post-depositional mobility in lake sediments impacted by gold ore roasting in sub-arctic Canada using inverse diagenetic modelling. *Environmental Pollution*, **2021**, 288, 117723	9.3	1
9	Isotopic evidence of increasing water abundance and lake hydrological change in Old Crow Flats, Yukon, Canada. *Environmental Research Letters*, **2021**, 16, 124024	6.2	0
8	A new lake classification scheme for the Peace-Athabasca Delta (Canada) characterizes hydrological processes that cause lake-level variation. *Journal of Hydrology: Regional Studies*, **2021**, 38, 100948	3.6	0
7	Mercury accumulation in sediments of Lhāū Mū (Kluane Lake, YT): Response to past hydrological change. *Arctic, Antarctic, and Alpine Research*, **2021**, 53, 179-195	1.8	0
6	Development and application of benthic algal reference condition models to assess stream condition in the South Nahanni Watershed. *Integrated Environmental Assessment and Management*, **2017**, 13, 728-745	2.5	
5	Influence of floods on the food-web structure of two freshwater delta lakes as determined by carbon and nitrogen stable isotopes. *Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology*, **2008**, 30, 497-500		

4	Application of artificial substrate samplers to assess enrichment of metals of concern by river floodwaters to lakes across the Peace-Athabasca Delta. *Journal of Hydrology: Regional Studies*, **2021** , 38, 100954	3.6
3	Paleolimnological assessment of past hydro-ecological variation at a shallow hardwater lake in the Athabasca Oil Sands Region before potential onset of industrial development. *Journal of Hydrology: Regional Studies*, **2022**, 39, 100977	3.6
2	A Bayesian mixing model framework for quantifying temporal variation in source of sediment to lakes across broad hydrological gradients of floodplains. *Limnology and Oceanography: Methods*, **2021**, 19, 540-551	2.6
1	Use of artificial-substrate samplers to identify relations between periphytic diatom community composition and hydro-limnological conditions in shallow lakes of Old Crow Flats, Yukon Territory (Canada). *Hydrobiologia*, **2021**, 848, 4551-4567	2.4