

Andrew S Medeiros

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

37
papers

421
citations

13
h-index

20
g-index

38
ext. papers

532
ext. citations

3.5
avg, IF

3.63
L-index

#	Paper	IF	Citations
37	Vulnerability of shallow subarctic lakes to evaporate and desiccate when snowmelt runoff is low. <i>Geophysical Research Letters</i> , 2013 , 40, 6112-6117	4.9	51
36	The distribution of the Chironomidae (Insecta: Diptera) along multiple environmental gradients in lakes and ponds of the eastern Canadian Arctic. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2011 , 68, 1511-1527	2.4	43
35	Paleolimnology of thermokarst lakes: a window into permafrost landscape evolution. <i>Arctic Science</i> , 2017 , 3, 91-117	2.2	41
34	Chironomid-environment relations in northern North America. <i>Journal of Paleolimnology</i> , 2015 , 54, 223-237		29
33	Temperature change as a driver of spatial patterns and long-term trends in chironomid (Insecta: Diptera) diversity. <i>Global Change Biology</i> , 2020 , 26, 1155-1169	11.4	27
32	Water security for northern peoples: review of threats to Arctic freshwater systems in Nunavut, Canada. <i>Regional Environmental Change</i> , 2017 , 17, 635-647	4.3	24
31	Unexpected differences in the population genetics of phasmavirids () from subarctic ponds. <i>Virus Evolution</i> , 2017 , 3, vex015	3.7	22
30	A high resolution multi-proxy record of pronounced recent environmental change at Baker Lake, Nunavut. <i>Journal of Paleolimnology</i> , 2012 , 47, 661-676	2.1	21
29	A new terrestrial palaeoenvironmental record from the Bering Land Bridge and context for human dispersal. <i>Royal Society Open Science</i> , 2018 , 5, 180145	3.3	20
28	Limnological regime shifts caused by climate warming and Lesser Snow Goose population expansion in the western Hudson Bay Lowlands (Manitoba, Canada). <i>Ecology and Evolution</i> , 2015 , 5, 921-939	2.8	16
27	Detecting the influence of secondary environmental gradients on chironomid-inferred paleotemperature reconstructions in northern North America. <i>Quaternary Science Reviews</i> , 2015 , 124, 265-274	3.9	16
26	Biological and nutrient responses to catchment disturbance and warming in small lakes near the Alaskan tundra-taiga boundary. <i>Holocene</i> , 2014 , 24, 1308-1319	2.6	16
25	Patterns in the limnology of lakes and ponds across multiple local and regional environmental gradients in the eastern Canadian Arctic. <i>Inland Waters</i> , 2012 , 2, 59-76	2.4	14
24	Climate-associated tundra thaw pond formation and range expansion of boreal zooplankton predators. <i>Ecography</i> , 2016 , 39, 43-53	6.5	13
23	Vegetation, climate, and soil relationships across the Sonoran Desert. <i>Ecoscience</i> , 2012 , 19, 148-160	1.1	13
22	Application of deep learning in aquatic bioassessment: Towards automated identification of non-biting midges. <i>Science of the Total Environment</i> , 2020 , 711, 135160	10.2	12
21	Vulnerability of northern water supply lakes to changing climate and demand. <i>Arctic Science</i> , 2017 , 3, 1-16	2.2	7

20	Metrics of structural change as indicators of chironomid community stability in high latitude lakes. <i>Quaternary Science Reviews</i> , 2020 , 249, 106594	3.9	7
19	Trends in Iron and Phosphorus Loading to Lake Ontario from Waste Water Treatment Plants in Hamilton and Toronto. <i>Journal of Great Lakes Research</i> , 2006 , 32, 788	3	6
18	Arctic chironomids of the northwest North Atlantic reflect environmental and biogeographic gradients. <i>Journal of Biogeography</i> , 2021 , 48, 511-525	4.1	5
17	Diversity patterns in subarctic stream benthic invertebrate assemblages from the Sahtu Settlement Area, Northwest Territories, Canada. <i>Arctic Science</i> , 2015 , 1, 9-25	2.2	4
16	Drivers of Change in a 7300-Year Holocene Diatom Record from the Hemi-Boreal Region of Ontario, Canada. <i>PLoS ONE</i> , 2016 , 11, e0159937	3.7	4
15	Hydrologic monitoring tools for freshwater municipal planning in the Arctic: the case of Iqaluit, Nunavut, Canada. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 32913-32925	5.1	3
14	Bioassessment of the ecological integrity of freshwater ecosystems using aquatic macroinvertebrates: the case of Sable Island National Park Reserve, Canada. <i>Environmental Monitoring and Assessment</i> , 2021 , 193, 257	3.1	2
13	Influence of industrial activity and pollution on the paleoclimate reconstruction from a eutrophic lake in lowland England, UK. <i>Journal of Paleolimnology</i> , 2018 , 59, 397-410	2.1	1
12	Public Perceptions of Legislative Action to Reduce Plastic Pollution: A Case Study of Atlantic Canada. <i>Sustainability</i> , 2022 , 14, 1852	3.6	1
11	Hyperspectral analysis of algal biomass in northern lakes, Churchill, MB, Canada. <i>Arctic Science</i> , 2019 , 5, 240-256	2.2	1
10	The value of paleolimnology in reconstructing and managing ecosystem vulnerability: a systematic map. <i>Facets</i> , 2021 , 6, 517-536	2.3	1
9	The influence of a lost society, the Sadlermiut, on the environment in the Canadian Arctic. <i>Scientific Reports</i> , 2021 , 11, 18504	4.9	1
8	Water Security Challenges in the Canadian Arctic. <i>Water Security in A New World</i> , 2021 , 133-145	0.1	0
7	The application of uniform manifold approximation and projection (UMAP) for unconstrained ordination and classification of biological indicators in aquatic ecology.. <i>Science of the Total Environment</i> , 2021 , 815, 152365	10.2	0
6	Quantifying the vulnerability of Arctic water supply lakes through paleolimnological assessment: The case of Igloodik, Nunavut, Canada. <i>Holocene</i> , 2021 , 31, 1175-1185	2.6	0
5	Assessment of ecological impairment of Arctic streams: Challenges and future directions. <i>Ecology and Evolution</i> , 2021 , 11, 9715-9727	2.8	0
4	Changing cold environments: A Canadian perspective edited by Hugh French and Olav Slaymaker. <i>Canadian Geographer / Geographie Canadien</i> , 2012 , 56, e7-e8	1.1	
3	Reconstructing the Push and Pull of climate and its impacts on subsistence cultures using paleolimnology. <i>Facets</i> , 2021 , 6, 2042-2056	2.3	

- 2 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 2.1
- 1 Implications of local niche- and dispersal-based factors that may influence chironomid assemblages in bioassessment.. *Environmental Science and Pollution Research*, **2022**, 1 5.1