

Bianca B Perren

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,726
citations

430874

18
h-index

552781

26
g-index

27
all docs

27
docs citations

27
times ranked

2417
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Quantifying Recent Ecological Changes in Remote Lakes of North America and Greenland Using Sediment Diatom Assemblages. PLoS ONE, 2010, 5, e10026.	2.5	98
3	A 2500 year record of natural and anthropogenic soil erosion in South Greenland. Quaternary Science Reviews, 2012, 32, 119-130.	3.0	76
4	Holocene dynamics of the Southern Hemisphere westerly winds and possible links to CO2 outgassing. Nature Geoscience, 2018, 11, 650-655.	12.9	71
5	Rapid Lacustrine Response to Recent High Arctic Warming: A Diatom Record from Sawtooth Lake, Ellesmere Island, Nunavut. Arctic, Antarctic, and Alpine Research, 2003, 35, 271-278.	1.1	64
6	A multi-proxy approach to assessing isolation basin stratigraphy from the Lofoten Islands, Norway. Quaternary Research, 2011, 75, 288-300.	1.7	56
7	A paleoecological perspective on 1450 years of human impacts from a lake in southern Greenland. Holocene, 2012, 22, 1025-1034.	1.7	50
8	Southward migration of the Southern Hemisphere westerly winds corresponds with warming climate over centennial timescales. Communications Earth & Environment, 2020, 1, .	6.8	48
9	Diatoms reveal complex spatial and temporal patterns of recent limnological change in West Greenland. Journal of Paleolimnology, 2009, 42, 233-247.	1.6	46
10	The influence of temperature, moisture, and eolian activity on Holocene lake development in West Greenland. Journal of Paleolimnology, 2012, 48, 223-239.	1.6	44
11	A multiproxy evaluation of Holocene environmental change from Lake Igaliku, South Greenland. Journal of Paleolimnology, 2012, 48, 241-258.	1.6	39
12	Sea ice led to poleward-shifted winds at the Last Glacial Maximum: the influence of state dependency on CMIP5 and PMIP3 models. Climate of the Past, 2016, 12, 2241-2253.	3.4	37
13	Biogeochemical evidence for hydrologic changes during the Holocene in a lake sediment record from southeast Greenland. Holocene, 2013, 23, 1428-1439.	1.7	35
14	Chrysophyte microfossils record marked responses to recent environmental changes in high- and mid-arctic lakes. Canadian Journal of Botany, 2001, 79, 747-752.	1.1	35
15	Greenland climate change: from the past to the future. Wiley Interdisciplinary Reviews: Climate Change, 2012, 3, 427-449.	8.1	28
16	Twentieth-century warming revives the world's northernmost lake. Geology, 2012, 40, 1003-1006.	4.4	27
17	Chrysophyte microfossils record marked responses to recent environmental changes in high- and mid-arctic lakes. Canadian Journal of Botany, 2001, 79, 747-752.	1.1	25
18	Holocene glacier activity reconstructed from proglacial lake Gjåvatnet on Amsterdamøya, NW Svalbard. Quaternary Science Reviews, 2018, 183, 188-203.	3.0	25

#	ARTICLE	IF	CITATIONS
19	The cultural eutrophication of Lac la Biche, Alberta, Canada: a paleoecological study. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2008, 65, 2211-2223.	1.4	18
20	The history and impacts of farming activities in south Greenland: an insight from lake deposits. <i>Polar Record</i> , 2013, 49, 210-220.	0.8	14
21	Holocene multi-proxy environmental reconstruction from lake Hakluuyvatnet, AmsterdamÅya Island, Svalbard (79.5Å°N). <i>Quaternary Science Reviews</i> , 2018, 183, 164-176.	3.0	14
22	Alder, Nitrogen, and Lake Ecology: Terrestrial-Aquatic Linkages in the Postglacial History of Lone Spruce Pond, Southwestern Alaska. <i>PLoS ONE</i> , 2017, 12, e0169106.	2.5	12
23	Salt-Enrichment Impact on Biomass Production in a Natural Population of Peatland Dwelling Arcellinida and Euglyphida (Testate Amoebae). <i>Microbial Ecology</i> , 2019, 78, 534-538.	2.8	12
24	Holocene glacier fluctuations and environmental changes in subantarctic South Georgia inferred from a sediment record from a coastal inlet. <i>Quaternary Research</i> , 2019, 91, 132-148.	1.7	10
25	Extinction of austral diatoms in response to large-scale climate dynamics in Antarctica. <i>Science Advances</i> , 2021, 7, eabh3233.	10.3	10
26	Lake Sediments as an Archive of Land use and Environmental Change in the Eastern Settlement, Southwestern Greenland. <i>Journal of the North Atlantic</i> , 2014, 601, 47-63.	0.4	4
27	Chapitre 4. RÅ©tro-observation des interactions hommes-milieux et de leurs consÅ©quences sur lâ€™environnement: le cas de lâ€™agriculture au Groenland. , 2014, , 65-76.		0