

Elizabeth K Thomas

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,271
citations

304743

22
h-index

361022

35
g-index

49
all docs

49
docs citations

49
times ranked

1667
citing authors

#	ARTICLE	IF	CITATIONS
1	A global database of Holocene paleotemperature records. <i>Scientific Data</i> , 2020, 7, 115.	5.3	112
2	Changes in dominant moisture sources and the consequences for hydroclimate on the northeastern Tibetan Plateau during the past 32 kyr. <i>Quaternary Science Reviews</i> , 2016, 131, 157-167.	3.0	87
3	Recent changes in a remote Arctic lake are unique within the past 200,000 years. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 18443-18446.	7.1	78
4	A major increase in winter snowfall during the middle Holocene on western Greenland caused by reduced sea ice in Baffin Bay and the Labrador Sea. <i>Geophysical Research Letters</i> , 2016, 43, 5302-5308.	4.0	63
5	Climate of the past millennium inferred from varved proglacial lake sediments on northeast Baffin Island, Arctic Canada. <i>Journal of Paleolimnology</i> , 2009, 41, 209-224.	1.6	62
6	Arctic hydroclimate variability during the last 2000 years: current understanding and research challenges. <i>Climate of the Past</i> , 2018, 14, 473-514.	3.4	54
7	Rate of mass loss from the Greenland Ice Sheet will exceed Holocene values this century. <i>Nature</i> , 2020, 586, 70-74.	27.8	53
8	Abundant C4 plants on the Tibetan Plateau during the Lateglacial and early Holocene. <i>Quaternary Science Reviews</i> , 2014, 87, 24-33.	3.0	52
9	Deglaciation of the Greenland and Laurentide ice sheets interrupted by glacier advance during abrupt coolings. <i>Quaternary Science Reviews</i> , 2020, 229, 106091.	3.0	47
10	Temperature and leaf wax $\delta^{18}O$ records demonstrate seasonal and regional controls on Asian monsoon proxies. <i>Geology</i> , 2014, 42, 1075-1078.	4.4	46
11	Heterodynes dominate precipitation isotopes in the East Asian monsoon region, reflecting interaction of multiple climate factors. <i>Earth and Planetary Science Letters</i> , 2016, 455, 196-206.	4.4	46
12	The Iso2k database: a global compilation of paleo- $\delta^{18}O$ and $\delta^{13}C$ records to aid understanding of Common Era climate. <i>Earth System Science Data</i> , 2020, 12, 2261-2288.	9.9	46
13	A Wetter Arctic Coincident With Hemispheric Warming 8,000 Years Ago. <i>Geophysical Research Letters</i> , 2018, 45, 10,637.	4.0	40
14	Local glaciation in West Greenland linked to North Atlantic Ocean circulation during the Holocene. <i>Geology</i> , 2017, 45, 195-198.	4.4	39
15	Ancient plant DNA reveals High Arctic greening during the Last Interglacial. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	29
16	Rapid 20th century environmental change on northeastern Baffin Island, Arctic Canada inferred from a multi-proxy lacustrine record. <i>Journal of Paleolimnology</i> , 2008, 40, 507-517.	1.6	28
17	Major increase in winter and spring precipitation during the Little Ice Age in the westerly dominated northern Qinghai-Tibetan Plateau. <i>Quaternary Science Reviews</i> , 2018, 199, 30-40.	3.0	27
18	Holocene alpine glaciation inferred from lacustrine sediments on northeastern Baffin Island, Arctic Canada. <i>Journal of Quaternary Science</i> , 2010, 25, 146-161.	2.1	26

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19	A multimillion-year-old record of Greenland vegetation and glacial history preserved in sediment beneath 1.4 km of ice at Camp Century. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	26
20	Slow retreat of a land based sector of the West Greenland Ice Sheet during the Holocene Thermal Maximum: evidence from threshold lakes at Paakitsoq. <i>Quaternary Science Reviews</i> , 2014, 98, 74-83.	3.0	24
21	Leaf wax δ^{2H} and varve-thickness climate proxies from proglacial lake sediments, Baffin Island, Arctic Canada. <i>Journal of Paleolimnology</i> , 2012, 48, 193-207.	1.6	23
22	Reconstructing Arctic Precipitation Seasonality Using Aquatic Leaf Wax δ^{2H} in Lakes With Contrasting Residence Times. <i>Paleoceanography and Paleoclimatology</i> , 2020, 35, e2020PA003886.	2.9	21
23	Prolonged drying trend coincident with the demise of Norse settlement in southern Greenland. <i>Science Advances</i> , 2022, 8, eabm4346.	10.3	20
24	Midlatitude land surface temperature impacts the timing and structure of glacial maxima. <i>Geophysical Research Letters</i> , 2017, 44, 984-992.	4.0	19
25	Resolving combined influences of inflow and evaporation on western Greenland lake water isotopes to inform paleoclimate inferences. <i>Journal of Paleolimnology</i> , 2020, 63, 251-268.	1.6	18
26	A 2000-yr-long multi-proxy lacustrine record from eastern Baffin Island, Arctic Canada reveals first millennium AD cold period. <i>Quaternary Research</i> , 2011, 75, 491-500.	1.7	15
27	Event-Based Precipitation Isotopes in the Laurentian Great Lakes Region Reveal Spatiotemporal Patterns in Moisture Recycling. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 5463-5478.	3.3	13
28	Holocene precipitation seasonality in northern Svalbard: Influence of sea ice and regional ocean surface conditions. <i>Quaternary Science Reviews</i> , 2020, 240, 106388.	3.0	12
29	Seasonal Variations in Moisture Origin Explain Spatial Contrast in Precipitation Isotope Seasonality on Coastal Western Greenland. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD033543.	3.3	11
30	The Northwestern Greenland Ice Sheet During The Early Pleistocene Was Similar To Today. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL085176.	4.0	10
31	Using a Paired Chironomid δ^{18O} and Aquatic Leaf Wax δ^{2H} Approach to Reconstruct Seasonality on Western Greenland During the Holocene. <i>Paleoceanography and Paleoclimatology</i> , 2021, 36, e2020PA004169.	2.9	8
32	Southern Baffin Island mean annual precipitation isotopes modulated by summer and autumn moisture source changes during the past 5800 years. <i>Journal of Quaternary Science</i> , 2022, 37, 967-978.	2.1	7
33	Last interglacial lake sediments preserved beneath Laurentide and Greenland Ice sheets provide insights into Arctic climate amplification and constrain 130ka of ice sheet history. <i>Journal of Quaternary Science</i> , 2022, 37, 979-1005.	2.1	7
34	Northward Shifts in the Polar Front Preceded BÅlling and Holocene Warming in Southwestern Scandinavia. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088153.	4.0	6
35	Summer warmth of the past six interglacials on Greenland. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	6
36	Arctic and sub-Arctic lake water δ^{2H} and δ^{18O} along a coastal-inland transect: Implications for interpreting water isotope proxy records. <i>Journal of Hydrology</i> , 2022, 607, 127556.	5.4	4

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37	Western Siberia experienced rapid shifts in moisture source and summer water balance during the last deglaciation and early Holocene. <i>Journal of Quaternary Science</i> , 0, , .	2.1	3
38	Expanded North Pacific Subtropical Gyre and Heterodyne Expression During the Midâ€Pleistocene. <i>Paleoceanography and Paleoclimatology</i> , 2022, 37, .	2.9	3
39	Modern Eastern Canadian Arctic Lake Water Isotopes Exhibit Latitudinal Patterns in Inflow Seasonality and Minimal Evaporative Enrichment. <i>Paleoceanography and Paleoclimatology</i> , 2022, 37, .	2.9	1
40	Evidence for a more extensive Greenland Ice Sheet in southwestern Greenland during the Last Glacial Maximum. , 0, , .		0