

Shaun A Marcott

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

4,732
citations

394421

19
h-index

361022

35
g-index

35
all docs

35
docs citations

35
times ranked

6128
citing authors

#	ARTICLE	IF	CITATIONS
1	A Reconstruction of Regional and Global Temperature for the Past 11,300 Years. <i>Science</i> , 2013, 339, 1198-1201.	12.6	1,322
2	Global warming preceded by increasing carbon dioxide concentrations during the last deglaciation. <i>Nature</i> , 2012, 484, 49-54.	27.8	1,141
3	Consequences of twenty-first-century policy for multi-millennial climate and sea-level change. <i>Nature Climate Change</i> , 2016, 6, 360-369.	18.8	442
4	Centennial-scale changes in the global carbon cycle during the last deglaciation. <i>Nature</i> , 2014, 514, 616-619.	27.8	380
5	Precise inter-polar phasing of abrupt climate change during the last ice age. <i>Nature</i> , 2015, 520, 661-665.	27.8	310
6	Ice-shelf collapse from subsurface warming as a trigger for Heinrich events. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 13415-13419.	7.1	278
7	Young people's burden: requirement of negative CO ₂ emissions. <i>Earth System Dynamics</i> , 2017, 8, 577-616.	7.1	189
8	Carbon isotopes characterize rapid changes in atmospheric carbon dioxide during the last deglaciation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 3465-3470.	7.1	109
9	Final deglaciation of the Scandinavian Ice Sheet and implications for the Holocene global sea-level budget. <i>Earth and Planetary Science Letters</i> , 2016, 448, 34-41.	4.4	66
10	Abrupt changes in the global carbon cycle during the last glacial period. <i>Nature Geoscience</i> , 2021, 14, 91-96.	12.9	53
11	¹⁰ Be surface exposure ages on the late-Pleistocene and Holocene history of Linn�breen on Svalbard. <i>Quaternary Science Reviews</i> , 2014, 89, 5-12.	3.0	43
12	Asynchronous warming and ¹⁸ O evolution of deep Atlantic water masses during the last deglaciation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 11075-11080.	7.1	38
13	Effects of seafloor diagenesis on planktic foraminiferal radiocarbon ages. <i>Geology</i> , 2016, 44, 551-554.	4.4	34
14	Controls on Millennial-Scale Atmospheric CO ₂ Variability During the Last Glacial Period. <i>Geophysical Research Letters</i> , 2018, 45, 7731-7740.	4.0	29
15	Persistent millennial-scale glacier fluctuations in Ireland between 24 ka and 10 ka. <i>Geology</i> , 2018, 46, 151-154.	4.4	25
16	Northern Hemisphere forcing of the last deglaciation in southern Patagonia. <i>Geology</i> , 2012, 40, 631-634.	4.4	24
17	Did rock avalanche deposits modulate the late Holocene advance of Tiedemann Glacier, southern Coast Mountains, British Columbia, Canada?. <i>Earth and Planetary Science Letters</i> , 2013, 384, 154-164.	4.4	23
18	Holocene break-up and reestablishment of the Petermann Ice Tongue, Northwest Greenland. <i>Quaternary Science Reviews</i> , 2019, 218, 322-342.	3.0	23

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19	10Be age constraints on latest Pleistocene and Holocene cirque glaciation across the western United States. <i>Npj Climate and Atmospheric Science</i> , 2019, 2, .	6.8	23
20	Cosmogenic dating of Late Pleistocene glaciation, southern tropical Andes, Peru. <i>Journal of Quaternary Science</i> , 2015, 30, 841-847.	2.1	19
21	A record of ice sheet demise. <i>Science</i> , 2017, 358, 721-722.	12.6	18
22	Is the Noble Gas-Based Rate of Ocean Warming During the Younger Dryas Overestimated?. <i>Geophysical Research Letters</i> , 2019, 46, 5928-5936.	4.0	16
23	A latest Pleistocene and Holocene glacial history and paleoclimate reconstruction at Three Sisters and Broken Top Volcanoes, Oregon, U.S.A.. <i>Quaternary Research</i> , 2009, 71, 181-189.	1.7	14
24	Early to Late Holocene Surface Exposure Ages From Two Marine-Terminating Outlet Glaciers in Northwest Greenland. <i>Geophysical Research Letters</i> , 2018, 45, 7028-7039.	4.0	14
25	Spatial pattern of accumulation at Taylor Dome during Marine Isotope Stage 4: stratigraphic constraints from Taylor Glacier. <i>Climate of the Past</i> , 2019, 15, 1537-1556.	3.4	14
26	Spatial Fingerprint of Younger Dryas Cooling and Warming in Eastern North America. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL090031.	4.0	14
27	Deglacial Thinning of the Laurentide Ice Sheet in the Adirondack Mountains, New York, USA, Revealed by 36 Cl Exposure Dating. <i>Paleoceanography and Paleoclimatology</i> , 2019, 34, 946-953.	2.9	13
28	Distinct Permafrost Conditions Across the Last Two Glacial Periods in Midlatitude North America. <i>Geophysical Research Letters</i> , 2019, 46, 13318-13326.	4.0	12
29	The role of permafrost on the morphology of an MIS 3 moraine from the southern Laurentide Ice Sheet. <i>Geology</i> , 2019, 47, 440-444.	4.4	11
30	Investigating the Direct Meltwater Effect in Terrestrial Oxygen Isotope Paleoclimate Records Using an Isotope-Enabled Earth System Model. <i>Geophysical Research Letters</i> , 2017, 44, 12,501.	4.0	10
31	Widespread early Holocene deglaciation, Washington Land, northwest Greenland. <i>Quaternary Science Reviews</i> , 2020, 231, 106181.	3.0	10
32	Global temperature changes mapped across the past 24,000 years. <i>Nature</i> , 2021, 599, 208-209.	27.8	6
33	Unmixing deep-sea paleoclimate records: A study on bioturbation effects through convolution and deconvolution. <i>Earth and Planetary Science Letters</i> , 2021, 564, 116883.	4.4	5
34	Comment on "Synchronous records of pCO ₂ and δ ¹⁴ C suggest rapid, ocean-derived pCO ₂ fluctuations at the onset of Younger Dryas" by Steinhorsdottir et al. <i>Quaternary Science Reviews</i> , 2015, 107, 267-270.	3.0	2
35	Late Holocene increase of winter precipitation in mid-continental North America from a seasonally resolved speleothem record. <i>Geology</i> , 2022, 50, 781-785.	4.4	2