

Lauren M Simkins

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

714
citations

623734

14
h-index

580821

25
g-index

37
all docs

37
docs citations

37
times ranked

907
citing authors

#	ARTICLE	IF	CITATIONS
1	Widespread collapse of the Ross Ice Shelf during the late Holocene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 2354-2359.	7.1	97
2	Past ice-sheet behaviour: retreat scenarios and changing controls in the Ross Sea, Antarctica. <i>Cryosphere</i> , 2016, 10, 1003-1020.	3.9	91
3	Timing of the most recent Neoglacial advance and retreat in the South Shetland Islands, Antarctic Peninsula: insights from raised beaches and Holocene uplift rates. <i>Quaternary Science Reviews</i> , 2012, 47, 41-55.	3.0	65
4	Glacial retreat patterns and processes determined from integrated sedimentology and geomorphology records. <i>Marine Geology</i> , 2018, 395, 104-119.	2.1	59
5	Anatomy of a meltwater drainage system beneath the ancestral East Antarctic ice sheet. <i>Nature Geoscience</i> , 2017, 10, 691-697.	12.9	58
6	Timing and pathways of East Antarctic Ice Sheet retreat. <i>Quaternary Science Reviews</i> , 2020, 230, 106166.	3.0	43
7	Holocene reconfiguration and readvance of the East Antarctic Ice Sheet. <i>Nature Communications</i> , 2018, 9, 3176.	12.8	36
8	Relative sea-level history of Marguerite Bay, Antarctic Peninsula derived from optically stimulated luminescence-dated beach cobbles. <i>Quaternary Science Reviews</i> , 2013, 77, 141-155.	3.0	31
9	Diagnosing ice sheet grounding line stability from landform morphology. <i>Cryosphere</i> , 2018, 12, 2707-2726.	3.9	29
10	Revealing the former bed of Thwaites Glacier using sea-floor bathymetry: implications for warm-water routing and bed controls on ice flow and buttressing. <i>Cryosphere</i> , 2020, 14, 2883-2908.	3.9	27
11	Investigation of optically stimulated luminescence behavior of quartz from crystalline rock surfaces: A look forward. <i>Quaternary Geochronology</i> , 2016, 36, 161-173.	1.4	20
12	Exceptions to bed-controlled ice sheet flow and retreat from glaciated continental margins worldwide. <i>Science Advances</i> , 2021, 7, .	10.3	19
13	Late Holocene relative sea levels near Palmer Station, northern Antarctic Peninsula, strongly controlled by late Holocene ice-mass changes. <i>Quaternary Science Reviews</i> , 2018, 199, 49-59.	3.0	15
14	Foraminiferal Patterns in Deglacial Sediment in the Western Ross Sea, Antarctica: Life Near Grounding Lines. <i>Paleoceanography and Paleoclimatology</i> , 2020, 35, e2019PA003716.	2.9	15
15	Evidence for a "Little Ice Age" glacial advance within the Antarctic Peninsula " Examples from glacially-overrun raised beaches. <i>Quaternary Science Reviews</i> , 2021, 271, 107195.	3.0	15
16	Assessing the link between coastal morphology, wave energy and sea ice throughout the Holocene from Antarctic raised beaches. <i>Journal of Quaternary Science</i> , 2015, 30, 335-348.	2.1	14
17	Characteristics of the deforming bed: till properties on the deglaciated Antarctic continental shelf. <i>Journal of Glaciology</i> , 2018, 64, 1014-1027.	2.2	12
18	Correlation of early and mid-Holocene events using magnetic susceptibility in estuarine cores from bays along the northwestern Gulf of Mexico. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2012, 346-347, 95-107.	2.3	11

#	ARTICLE	IF	CITATIONS
19	Seismic and geomorphic records of Antarctic Ice Sheet evolution in the Ross Sea and controlling factors in its behaviour. Geological Society Special Publication, 2019, 475, 223-240.	1.3	11
20	Glacial landform assemblage reveals complex retreat of grounded ice in the Ross Sea, Antarctica. Geological Society Memoir, 2016, 46, 353-356.	1.7	9
21	Sedimentary processes at ice sheet groundingâ€zone wedges revealed by outcrops, Washington State (USA). Earth Surface Processes and Landforms, 2019, 44, 1209-1220.	2.5	8
22	Sedimentary Signatures of Persistent Subglacial Meltwater Drainage From Thwaites Glacier, Antarctica. Frontiers in Earth Science, 2022, 10, .	1.8	8
23	Topographic Controls on Channelized Meltwater in the Subglacial Environment. Geophysical Research Letters, 2021, 48, e2021GL094678.	4.0	6
24	Streamlined subglacial bedform sensitivity to bed characteristics across the deglaciated Northern Hemisphere. Earth Surface Processes and Landforms, 2022, 47, 2341-2356.	2.5	6
25	Ambiguous stability of glaciers at bed peaks. Journal of Glaciology, 2022, 68, 1177-1184.	2.2	6
26	Grounding line processes of the southern Cordilleran Ice Sheet in the Puget Lowland. , 0, , .		1