

James M Lea

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

424
citations

840776

11
h-index

752698

20
g-index

37
all docs

37
docs citations

37
times ranked

755
citing authors

#	ARTICLE	IF	CITATIONS
1	Increasing meltwater discharge from the Nuuk region of the Greenland ice sheet and implications for mass balance (1960–2012). <i>Journal of Glaciology</i> , 2014, 60, 314-322.	2.2	58
2	The Google Earth Engine Digitisation Tool (GEEDiT) and the Margin change Quantification Tool (MaQiT) – simple tools for the rapid mapping and quantification of changing Earth surface margins. <i>Earth Surface Dynamics</i> , 2018, 6, 551-561.	2.4	58
3	Evaluation of existing and new methods of tracking glacier terminus change. <i>Journal of Glaciology</i> , 2014, 60, 323-332.	2.2	49
4	Terminus-driven retreat of a major southwest Greenland tidewater glacier during the early 19th century: insights from glacier reconstructions and numerical modelling. <i>Journal of Glaciology</i> , 2014, 60, 333-344.	2.2	34
5	Timing of the first drainage of the Baltic Ice Lake synchronous with the onset of Greenland Stadial 1. <i>Boreas</i> , 2016, 45, 322-334.	2.4	27
6	Fluctuations of a Greenlandic tidewater glacier driven by changes in atmospheric forcing: observations and modelling of Kangiata Nunaata Sermia, 1859–present. <i>Cryosphere</i> , 2014, 8, 2031-2045.	3.9	26
7	Influences of salinity on the physiology and distribution of the Arctic coralline algae, <i>Lithothamnion glaciale</i> (Corallinales, Rhodophyta). <i>Journal of Phycology</i> , 2018, 54, 690-702.	2.3	22
8	ICESHEET 1.0: a program to produce paleo-ice sheet reconstructions with minimal assumptions. <i>Geoscientific Model Development</i> , 2016, 9, 1673-1682.	3.6	20
9	Exceptional Retreat of Kangerlussuaq Glacier, East Greenland, Between 2016 and 2018. <i>Frontiers in Earth Science</i> , 2019, 7, .	1.8	19
10	Linear response of the Greenland ice sheet's tidewater glacier terminus positions to climate. <i>Journal of Glaciology</i> , 2021, 67, 193-203.	2.2	18
11	Enhanced ice sheet melting driven by volcanic eruptions during the last deglaciation. <i>Nature Communications</i> , 2017, 8, 1020.	12.8	13
12	Remote Detection of Surge-Related Glacier Terminus Change across High Mountain Asia. <i>Remote Sensing</i> , 2021, 13, 1309.	4.0	13
13	The glacial geomorphology of upper Godthåbsfjord (Nuup Kangerlua) in southwest Greenland. <i>Journal of Maps</i> , 2018, 14, 45-55.	2.0	10
14	Quantification of turbate microstructures through a subglacial till: dimensions and characteristics. <i>Boreas</i> , 2014, 43, 869-881.	2.4	9
15	Ice-Marginal Proglacial Lakes Across Greenland: Present Status and a Possible Future. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	9
16	Shallow ice approximation, second order shallow ice approximation, and full Stokes models: A discussion of their roles in palaeo-ice sheet modelling and development. <i>Quaternary Science Reviews</i> , 2016, 147, 136-147.	3.0	8
17	Controls on the early Holocene collapse of the Bothnian Sea Ice Stream. <i>Journal of Geophysical Research F: Earth Surface</i> , 2016, 121, 2494-2513.	2.8	6
18	Automated mapping of the seasonal evolution of surface meltwater and its links to climate on the Amery Ice Shelf, Antarctica. <i>Cryosphere</i> , 2021, 15, 5785-5804.	3.9	6

#	ARTICLE	IF	CITATIONS
19	Proper orthogonal decomposition of ice velocity identifies drivers of flow variability at Sermeq Kujalleq (Jakobshavn Isbr�). <i>Cryosphere</i> , 2022, 16, 219-236.	3.9	5
20	Greenland tidewater glacier advanced rapidly during era of Norse settlement. <i>Geology</i> , 2022, 50, 704-709.	4.4	4