

Ávar Á- Benediktsson

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

980
citations

566801

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552369

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27
all docs

27
docs citations

27
times ranked

699
citing authors

#	ARTICLE	IF	CITATIONS
1	Glacial geomorphological mapping: A review of approaches and frameworks for best practice. <i>Earth-Science Reviews</i> , 2018, 185, 806-846.	4.0	157
2	Subglacial decoupling at the sediment/bedrock interface: a new mechanism for rapid flowing ice. <i>Quaternary Science Reviews</i> , 2006, 25, 2704-2712.	1.4	109
3	Active drumlin field revealed at the margin of Málajökull, Iceland: A surge-type glacier. <i>Geology</i> , 2010, 38, 943-946.	2.0	84
4	Instantaneous end moraine and sediment wedge formation during the 1890 glacier surge of Brárjökull, Iceland. <i>Quaternary Science Reviews</i> , 2008, 27, 209-234.	1.4	77
5	The 1890 surge end moraine at Eyjabakkajökull, Iceland: a re-assessment of a classic glaciotectionic locality. <i>Quaternary Science Reviews</i> , 2010, 29, 484-506.	1.4	68
6	Glacial geological studies of surge-type glaciers in Iceland – Research status and future challenges. <i>Earth-Science Reviews</i> , 2016, 152, 37-69.	4.0	59
7	The drumlin field and the geomorphology of the Málajökull surge-type glacier, central Iceland. <i>Geomorphology</i> , 2014, 207, 213-220.	1.1	53
8	The Eyjabakkajökull glacial landsystem, Iceland: Geomorphic impact of multiple surges. <i>Geomorphology</i> , 2014, 218, 98-107.	1.1	51
9	Formation of submarginal and proglacial end moraines: implications of ice flow mechanism during the 1963-64 surge of Brárjökull, Iceland. <i>Boreas</i> , 2009, 38, 440-457.	1.2	47
10	Climatic control of the surge periodicity of an Icelandic outlet glacier. <i>Journal of Quaternary Science</i> , 2011, 26, 561-565.	1.1	37
11	Origin of the active drumlin field at Málajökull, Iceland: New insights from till shear and consolidation patterns. <i>Quaternary Science Reviews</i> , 2016, 148, 243-260.	1.4	32
12	Architecture and structural evolution of an early Little Ice Age terminal moraine at the surge-type glacier Málajökull, Iceland. <i>Journal of Geophysical Research F: Earth Surface</i> , 2015, 120, 1895-1910.	1.0	31
13	Progressive formation of modern drumlins at Málajökull, Iceland: stratigraphical and morphological evidence. <i>Boreas</i> , 2016, 45, 567-583.	1.2	31
14	Submarginal drumlin formation and late Holocene history of Fláajökull, southeast Iceland. <i>Annals of Glaciology</i> , 2016, 57, 128-141.	2.8	25
15	Glacial history and palaeo-environmental change of southern Taimyr Peninsula, Arctic Russia, during the Middle and Late Pleistocene. <i>Earth-Science Reviews</i> , 2019, 196, 102832.	4.0	16
16	Active retreat of a Late Weichselian marine-terminating glacier: an example from Melasveit, western Iceland. <i>Boreas</i> , 2018, 47, 813-836.	1.2	15
17	Glacial geomorphology of Trygghamna, western Svalbard - Integrating terrestrial and submarine archives for a better understanding of past glacial dynamics. <i>Geomorphology</i> , 2019, 344, 75-89.	1.1	15
18	The Ledsjökull end moraine – a subaquatic push moraine composed of glaciomarine clay in central Sweden. <i>Proceedings of the Geologists Association</i> , 2013, 124, 738-752.	0.6	14

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19	Spatial distribution of erosion and deposition during a glacier surge: Bráarjökull, Iceland. <i>Geomorphology</i> , 2015, 250, 258-270.	1.1	14
20	Cross-cutting palaeo-ice streams in NE-Iceland reveal shifting Iceland Ice Sheet dynamics. <i>Geomorphology</i> , 2022, 396, 108009.	1.1	9
21	Micromorphological evidence for the role of pressurised water in the formation of large-scale thrust-block moraines in Melasveit, western Iceland. <i>Quaternary Research</i> , 2020, 93, 88-109.	1.0	8
22	Refining the history of Younger Dryas and Early Holocene glacier oscillations in the Borgarfjörður region, western Iceland. <i>Boreas</i> , 2020, 49, 296-314.	1.2	8
23	Insights into drumlin development from ground-penetrating radar at Málajökull, Iceland, a surge-type glacier. <i>Journal of Glaciology</i> , 2020, 66, 822-830.	1.1	7
24	Younger Dryas glaciomarine sedimentation, push-moraine formation and ice-margin behavior in the Middle Swedish end-moraine zone west of Billingen, central Sweden. <i>Quaternary Science Reviews</i> , 2019, 224, 105913.	1.4	6
25	Subglacial drumlins and englacial fractures at the surge-type glacier, Málajökull, Iceland. <i>Earth Surface Processes and Landforms</i> , 2019, 44, 367-380.	1.2	5
26	A pre-LGM sandur at Fiskarheden in NW Dalarna, central Sweden – sedimentology and glaciotectonic deformation. <i>Boreas</i> , 2018, 47, 711-737.	1.2	2