

Per Holmlund

List of Publications by Year in descending order

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58
papers

2,156
citations

279701

23
h-index

233338

45
g-index

58
all docs

58
docs citations

58
times ranked

1802
citing authors

#	ARTICLE	IF	CITATIONS
1	A 3 Year Record of Seasonal Variations in Surface Velocity, Storglaciären, Sweden. <i>Journal of Glaciology</i> , 1989, 35, 235-247.	1.1	206
2	The Mass Balance of Circum-Arctic Glaciers and Recent Climate Change. <i>Quaternary Research</i> , 1997, 48, 1-14.	1.0	194
3	Warming permafrost in European mountains. <i>Global and Planetary Change</i> , 2003, 39, 215-225.	1.6	186
4	Ground-based measurements of spatial and temporal variability of snow accumulation in East Antarctica. <i>Reviews of Geophysics</i> , 2008, 46, .	9.0	164
5	Recent warming of mountain permafrost in Svalbard and Scandinavia. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	139
6	Internal Geometry and Evolution of Moulins, Storglaciären, Sweden. <i>Journal of Glaciology</i> , 1988, 34, 242-248.	1.1	132
7	Three deep Alpine-permafrost boreholes in Svalbard and Scandinavia. <i>Permafrost and Periglacial Processes</i> , 2001, 12, 13-25.	1.5	121
8	Cold surface layer thinning on Storglaciären, Sweden, observed by repeated ground penetrating radar surveys. <i>Journal of Geophysical Research</i> , 2003, 108, n/a-n/a.	3.3	77
9	A glaciological model of the Younger Dryas event in Scandinavia. <i>Journal of Glaciology</i> , 1994, 40, 125-131.	1.1	69
10	Anomalous glacier responses to 20th century climatic changes in Darwin Cordillera, southern Chile. <i>Journal of Glaciology</i> , 1995, 41, 465-473.	1.1	67
11	Holocene glaciations in the Ema Glacier valley, Monte Sarmiento Massif, Tierra del Fuego. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2008, 260, 299-314.	1.0	63
12	A re-analysis of the 58 year mass-balance record of Storglaciären, Sweden. <i>Annals of Glaciology</i> , 2005, 42, 389-394.	2.8	60
13	The Cold Surface Layer on Storglaciären. <i>Geografiska Annaler, Series A: Physical Geography</i> , 1989, 71, 241.	0.6	58
14	Assessing the palaeoclimate potential of cave glaciers: the example of the sc̣rișoara ice cave (romania). <i>Geografiska Annaler, Series A: Physical Geography</i> , 2005, 87, 193-201.	0.6	56
15	A new surface accumulation map for western Dronning Maud Land, Antarctica, from interpolation of point measurements. <i>Journal of Glaciology</i> , 2007, 53, 385-398.	1.1	47
16	The Bothnian Sea ice stream: early Holocene retreat dynamics of the south-central Fennoscandian Ice Sheet. <i>Boreas</i> , 2017, 46, 346-362.	1.2	39
17	Fifty Years of Mass Balance and Glacier Front Observations at the Tarfala Research Station. <i>Geografiska Annaler, Series A: Physical Geography</i> , 1996, 78, 105.	0.6	36
18	Spatial variability at shallow snow-layer depths in central Dronning Maud Land, East Antarctica. <i>Annals of Glaciology</i> , 1999, 29, 10-16.	2.8	36

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19	Is the Longitudinal Profile of Storglaciaren, Northern Sweden, in Balance with the Present Climate?. <i>Journal of Glaciology</i> , 1988, 34, 269-273.	1.1	34
20	Fifty Years of Mass Balance and Glacier Front Observations at the Tarfala Research Station. <i>Geografiska Annaler, Series A: Physical Geography</i> , 1996, 78, 105-114.	0.6	34
21	The glacially sculptured landscape in Dronning Maud Land, Antarctica, formed by wet-based mountain glaciation and not by the present ice sheet. <i>Boreas</i> , 1994, 23, 139-148.	1.2	28
22	Glacial cirque formation in northern Scandinavia. <i>Annals of Glaciology</i> , 1996, 22, 102-106.	2.8	25
23	Numerical modelling provides evidence of a Baltic Ice Stream during the Younger Dryas. <i>Boreas</i> , 1993, 22, 77-86.	1.2	24
24	On the influence of kriging parameters on the cartographic output? A study in mapping subglacial topography. <i>Mathematical Geosciences</i> , 1993, 25, 881-900.	0.9	22
25	Snow density along the route traversed by the Japanese-Swedish Antarctic Expedition 2007/08. <i>Journal of Glaciology</i> , 2012, 58, 529-539.	1.1	22
26	Anomalous glacier responses to 20th century climatic changes in Darwin Cordillera, southern Chile. <i>Journal of Glaciology</i> , 1995, 41, 465-473.	1.1	22
27	Dielectric permittivity of snow measured along the route traversed in the Japanese-Swedish Antarctic Expedition 2007/08. <i>Annals of Glaciology</i> , 2010, 51, 9-15.	2.8	19
28	The effect of continentality on glacier response and mass balance. <i>Annals of Glaciology</i> , 1997, 24, 272-276.	2.8	15
29	The Cold Surface Layer on Storglaciären. <i>Geografiska Annaler, Series A: Physical Geography</i> , 1989, 71, 241-244.	0.6	13
30	Mass Balance of Storglaciären During the 20th Century. <i>Geografiska Annaler, Series A: Physical Geography</i> , 1987, 69, 439-447.	0.6	11
31	Sediment-mass exchange between turbid meltwater streams and proglacial deposits of storglaciären, northern Sweden. <i>Annals of Glaciology</i> , 1996, 22, 63-67.	2.8	11
32	High Water-Pressure Events in Moulins, Storglaciären, Sweden. <i>Geografiska Annaler, Series A: Physical Geography</i> , 1983, 65, 19-25.	0.6	10
33	Radar Surveys on Scandinavian Glaciers, in Search of Useful Climate Archives. <i>Geografiska Annaler, Series A: Physical Geography</i> , 1996, 78, 147-154.	0.6	10
34	Constraining 135 years of mass balance with historic structure-from-motion photogrammetry on Storglaciären, Sweden. <i>Geografiska Annaler, Series A: Physical Geography</i> , 2019, 101, 195-210.	0.6	10
35	Maps of Storglaciären and their use in Glacier Monitoring Studies. <i>Geografiska Annaler, Series A: Physical Geography</i> , 1996, 78, 193-196.	0.6	9
36	Sediment-mass exchange between turbid meltwater streams and proglacial deposits of storglaciären, northern Sweden. <i>Annals of Glaciology</i> , 1996, 22, 63-67.	2.8	9

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37	Variability in snow layering and snow chemistry in the vicinity of two drill sites in western Dronning Maud Land, Antarctica. <i>Annals of Glaciology</i> , 1999, 29, 33-37.	2.8	8
38	Internal Geometry and Evolution of Moulins, StorglaciÄren, Sweden. <i>Journal of Glaciology</i> , 1988, 34, 242-248.	1.1	7
39	Cirques at Low Altitudes Need Not Necessarily Have Been Cut by Small Glaciers. <i>Geografiska Annaler, Series A: Physical Geography</i> , 1991, 73, 9-16.	0.6	7
40	Glacial cirque formation in northern Scandinavia. <i>Annals of Glaciology</i> , 1996, 22, 102-106.	2.8	7
41	Interpretation of basal ice conditions from radio-echo soundings in the eastern Heimefrontfjella and the southern Vestfjella mountain ranges, East Antarctica. <i>Annals of Glaciology</i> , 1993, 17, 312-316.	2.8	6
42	Particle Size Sampling and Object-Oriented Image Analysis for Field Investigations of Snow Particle Size, Shape, and Distribution. <i>Arctic, Antarctic, and Alpine Research</i> , 2013, 45, 330-341.	0.4	6
43	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.	1.0	6
44	Is the Longitudinal Profile of Storglaciaren, Northern Sweden, in Balance with the Present Climate?. <i>Journal of Glaciology</i> , 1988, 34, 269-273.	1.1	6
45	Cirques at Low Altitudes Need Not Necessarily Have Been Cut by Small Glaciers. <i>Geografiska Annaler, Series A: Physical Geography</i> , 1991, 73, 9.	0.6	5
46	The effect of continentality on glacier response and mass balance. <i>Annals of Glaciology</i> , 1997, 24, 272-276.	2.8	5
47	Identification of climate controls on the dynamic behaviour of the subarctic glacier salajekna, northern scandinavia. <i>Geografiska Annaler, Series A: Physical Geography</i> , 2005, 87, 215-229.	0.6	4
48	High-resolution bathymetric mapping reveals subaqueous glacial landforms in the Arctic alpine lake Tarfala, Sweden. <i>Journal of Quaternary Science</i> , 2019, 34, 452-462.	1.1	4
49	Investigating the potential to determine the upstream accumulation rate, using mass-flux calculations along a cross-section on a small tributary glacier in Heimefrontfjella, Dronning Maud Land, Antarctica. <i>Annals of Glaciology</i> , 2004, 39, 175-180.	2.8	3
50	MikkaglaciÄren: Bed Topography and Response to 20Th Century Climate Change. <i>Geografiska Annaler, Series A: Physical Geography</i> , 1986, 68, 291-302.	0.6	1
51	An Application of Two Theoretical Melt Water Drainage Models on StorglaciÄren and MikkaglaciÄren, Northern Sweden. <i>Geografiska Annaler, Series A: Physical Geography</i> , 1988, 70, 1-7.	0.6	1
52	Evaporation Of Snow and Ice In Scharffenbergbotnen, Dronning Maud Land, Antarctica. <i>Annals of Glaciology</i> , 1990, 14, 342.	2.8	1
53	Snow particle sizes and their distributions in Dronning Maud Land, Antarctica, at sample, local and regional scales. <i>Antarctic Science</i> , 2016, 28, 219-231.	0.5	1
54	Interpretation of basal ice conditions from radio-echo soundings in the eastern Heimefrontfjella and the southern Vestfjella mountain ranges, East Antarctica. <i>Annals of Glaciology</i> , 1993, 17, 312-316.	2.8	0

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55	A glaciological model of the Younger Dryas event in Scandinavia. Journal of Glaciology, 1994, 40, 125-131.	1.1	0
56	Glacier fluctuations and climatic change. Boreas, 2008, 18, 310-310.	1.2	0
57	Recent climate-induced shape changes of the ice summit of Kebnekaise, Northern Sweden. Geografiska Annaler, Series A: Physical Geography, 2019, 101, 68-78.	0.6	0
58	Evaporation Of Snow and Ice In Scharffenbergbotnen, Dronning Maud Land, Antarctica. Annals of Glaciology, 1990, 14, 342-342.	2.8	0