

# Alun Hubbard

## List of Publications by Year in descending order

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135  
papers

8,115  
citations

43973

48  
h-index

56606

83  
g-index

147  
all docs

147  
docs citations

147  
times ranked

5886  
citing authors

#	ARTICLE	IF	CITATIONS
1	BedMachine v3: Complete Bed Topography and Ocean Bathymetry Mapping of Greenland From Multibeam Echo Sounding Combined With Mass Conservation. <i>Geophysical Research Letters</i> , 2017, 44, 11051-11061.	1.5	536
2	Seasonal evolution of subglacial drainage and acceleration in a Greenland outlet glacier. <i>Nature Geoscience</i> , 2010, 3, 408-411.	5.4	325
3	Modelling the response of glaciers to climate warming. <i>Climate Dynamics</i> , 1998, 14, 267-274.	1.7	310
4	The northern sector of the last British Ice Sheet: Maximum extent and demise. <i>Earth-Science Reviews</i> , 2008, 88, 207-226.	4.0	276
5	Deglaciation of the Eurasian ice sheet complex. <i>Quaternary Science Reviews</i> , 2017, 169, 148-172.	1.4	253
6	Benchmark experiments for higher-order and full-Stokes ice sheet models (ISMIP-HOM). <i>Cryosphere</i> , 2008, 2, 95-108.	1.5	221
7	Evolution of the subglacial drainage system beneath the Greenland Ice Sheet revealed by tracers. <i>Nature Geoscience</i> , 2013, 6, 195-198.	5.4	219
8	UAV photogrammetry and structure from motion to assess calving dynamics at Store Glacier, a large outlet draining the Greenland ice sheet. <i>Cryosphere</i> , 2015, 9, 1-11.	1.5	215
9	Dynamic cycles, ice streams and their impact on the extent, chronology and deglaciation of the British-Irish ice sheet. <i>Quaternary Science Reviews</i> , 2009, 28, 758-776.	1.4	214
10	Greenland ice sheet motion coupled with daily melting in late summer. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	181
11	Massive blow-out craters formed by hydrate-controlled methane expulsion from the Arctic seafloor. <i>Science</i> , 2017, 356, 948-953.	6.0	177
12	POLYTHERMAL GLACIER HYDROLOGY: A REVIEW. <i>Reviews of Geophysics</i> , 2011, 49, .	9.0	149
13	Deglacial history of the West Antarctic Ice Sheet in the Weddell Sea embayment: Constraints on past ice volume change. <i>Geology</i> , 2010, 38, 411-414.	2.0	138
14	The build-up, configuration, and dynamical sensitivity of the Eurasian ice-sheet complex to Late Weichselian climatic and oceanic forcing. <i>Quaternary Science Reviews</i> , 2016, 153, 97-121.	1.4	138
15	Amplified melt and flow of the Greenland ice sheet driven by late-summer cyclonic rainfall. <i>Nature Geoscience</i> , 2015, 8, 647-653.	5.4	107
16	Ice-sheet-driven methane storage and release in the Arctic. <i>Nature Communications</i> , 2016, 7, 10314.	5.8	105
17	Self-regulation of ice flow varies across the ablation area in south-west Greenland. <i>Cryosphere</i> , 2015, 9, 603-611.	1.5	101
18	Algae Drive Enhanced Darkening of Bare Ice on the Greenland Ice Sheet. <i>Geophysical Research Letters</i> , 2017, 44, 11,463.	1.5	101

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19	A modelling insight into the Icelandic Last Glacial Maximum ice sheet. <i>Quaternary Science Reviews</i> , 2006, 25, 2283-2296.	1.4	97
20	Ice tectonic deformation during the rapid in situ drainage of a supraglacial lake on the Greenland Ice Sheet. <i>Cryosphere</i> , 2013, 7, 129-140.	1.5	97
21	Gas hydrate dissociation off Svalbard induced by isostatic rebound rather than global warming. <i>Nature Communications</i> , 2018, 9, 83.	5.8	97
22	Comparison of a three-dimensional model for glacier flow with field data from Haut Glacier d'Arolla, Switzerland. <i>Journal of Glaciology</i> , 1998, 44, 368-378.	1.1	96
23	Large surface meltwater discharge from the Kangerlussuaq sector of the Greenland ice sheet during the record-warm year 2010 explained by detailed energy balance observations. <i>Cryosphere</i> , 2012, 6, 199-209.	1.5	96
24	A decade (2002-2012) of supraglacial lake volume estimates across Russell Glacier, West Greenland. <i>Cryosphere</i> , 2014, 8, 107-121.	1.5	93
25	Greenland Ice Sheet surface melt amplified by snowline migration and bare ice exposure. <i>Science Advances</i> , 2019, 5, eaav3738.	4.7	93
26	Postglacial response of Arctic Ocean gas hydrates to climatic amelioration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 6215-6220.	3.3	92
27	Hydrological controls on patterns of surface, internal and basal motion during three spring events at Haut Glacier d'Arolla, Switzerland. <i>Journal of Glaciology</i> , 2003, 49, 555-567.	1.1	91
28	High-resolution numerical simulation of Younger Dryas glaciation in Scotland. <i>Quaternary Science Reviews</i> , 2008, 27, 888-904.	1.4	88
29	Ice-ocean interaction and calving front morphology at two west Greenland tidewater outlet glaciers. <i>Cryosphere</i> , 2014, 8, 1457-1468.	1.5	88
30	Dark zone of the Greenland Ice Sheet controlled by distributed biologically-active impurities. <i>Nature Communications</i> , 2018, 9, 1065.	5.8	88
31	The response of Petermann Glacier, Greenland, to large calving events, and its future stability in the context of atmospheric and oceanic warming. <i>Journal of Glaciology</i> , 2012, 58, 229-239.	1.1	87
32	Persistent flow acceleration within the interior of the Greenland ice sheet. <i>Geophysical Research Letters</i> , 2014, 41, 899-905.	1.5	81
33	A modelling reconstruction of the last glacial maximum ice sheet and its deglaciation in the vicinity of the northern patagonian icefield, south america. <i>Geografiska Annaler, Series A: Physical Geography</i> , 2005, 87, 375-391.	0.6	78
34	Glacier algae accelerate melt rates on the south-western Greenland Ice Sheet. <i>Cryosphere</i> , 2020, 14, 309-330.	1.5	78
35	Can glacial erosion limit the extent of glaciation?. <i>Geomorphology</i> , 2009, 103, 172-179.	1.1	70
36	High-Resolution Modeling of the Advance of the Younger Dryas Ice Sheet and Its Climate in Scotland. <i>Quaternary Research</i> , 1999, 52, 27-43.	1.0	69

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37	Palaeoglaciology of Bayan Har Shan, NE Tibetan Plateau: exposure ages reveal a missing LGM expansion. <i>Quaternary Science Reviews</i> , 2011, 30, 1988-2001.	1.4	68
38	Geophysical constraints on the dynamics and retreat of the Barents Sea ice sheet as a paleobenchmark for models of marine ice sheet deglaciation. <i>Reviews of Geophysics</i> , 2015, 53, 1051-1098.	9.0	68
39	Sensitive response of the Greenland Ice Sheet to surface melt drainage over a soft bed. <i>Nature Communications</i> , 2014, 5, 5052.	5.8	67
40	Subglacial water drainage, storage, and piracy beneath the Greenland ice sheet. <i>Geophysical Research Letters</i> , 2015, 42, 7606-7614.	1.5	66
41	Direct measurements of meltwater runoff on the Greenland ice sheet surface. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E10622-E10631.	3.3	66
42	Structure and changing dynamics of a polythermal valley glacier on a centennial timescale: Midre LovÅ©nbreen, Svalbard. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	64
43	Evaluation of a numerical model of the BritishÎ“Irish ice sheet using relative seaÎ“level data: implications for the interpretation of trimline observations. <i>Journal of Quaternary Science</i> , 2012, 27, 597-605.	1.1	60
44	Modeling of subglacial hydrological development following rapid supraglacial lake drainage. <i>Journal of Geophysical Research F: Earth Surface</i> , 2015, 120, 1127-1147.	1.0	60
45	Glacial isostatic adjustment associated with the Barents Sea ice sheet: A modelling inter-comparison. <i>Quaternary Science Reviews</i> , 2016, 147, 122-135.	1.4	58
46	A FullÎ“Stokes 3Î“D Calving Model Applied to a Large Greenlandic Glacier. <i>Journal of Geophysical Research F: Earth Surface</i> , 2018, 123, 410-432.	1.0	54
47	Recent glacier changes and climate trends on South Georgia. <i>Global and Planetary Change</i> , 2008, 60, 72-84.	1.6	53
48	Seismic evidence of mechanically weak sediments underlying Russell Glacier, West Greenland. <i>Annals of Glaciology</i> , 2013, 54, 135-141.	2.8	52
49	Thin-layer effects in glaciological seismic amplitude-versus-angle (AVA) analysis: implications for characterising a subglacial till unit, Russell Glacier, West Greenland. <i>Cryosphere</i> , 2012, 6, 909-922.	1.5	48
50	Cascading lake drainage on the Greenland Ice Sheet triggered by tensile shock and fracture. <i>Nature Communications</i> , 2018, 9, 1064.	5.8	47
51	Ice flow dynamics and surface meltwater flux at a land-terminating sector of the Greenland ice sheet. <i>Journal of Glaciology</i> , 2013, 59, 687-696.	1.1	46
52	The configuration, sensitivity and rapid retreat of the Late Weichselian Icelandic ice sheet. <i>Earth-Science Reviews</i> , 2017, 166, 223-245.	4.0	46
53	Holocene climatic changes in Iceland: evidence from modelling glacier length fluctuations at SÃ³lheimajÃ³kull. <i>Quaternary International</i> , 2002, 91, 39-52.	0.7	45
54	Hydrological controls on diurnal ice flow variability in valley glaciers. <i>Journal of Geophysical Research</i> , 2005, 110, n/a-n/a.	3.3	45

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55	How robust are in situ observations for validating satellite-derived albedo over the dark zone of the Greenland Ice Sheet?. <i>Geophysical Research Letters</i> , 2017, 44, 6218-6225.	1.5	43
56	Evidence for subglacial ponding across Taylor Glacier, Dry Valleys, Antarctica. <i>Annals of Glaciology</i> , 2004, 39, 79-84.	2.8	42
57	High-resolution ice thickness and bed topography of a land-terminating section of the Greenland Ice Sheet. <i>Earth System Science Data</i> , 2014, 6, 331-338.	3.7	42
58	Physical Conditions of Fast Glacier Flow: 1. Measurements From Boreholes Drilled to the Bed of Store Glacier, West Greenland. <i>Journal of Geophysical Research F: Earth Surface</i> , 2018, 123, 324-348.	1.0	41
59	Glacier mass-balance determination by remote sensing and high-resolution modelling. <i>Journal of Glaciology</i> , 2000, 46, 491-498.	1.1	40
60	Upper bounds on subglacial channel development for interior regions of the Greenland ice sheet. <i>Journal of Glaciology</i> , 2014, 60, 1044-1052.	1.1	40
61	The validation and sensitivity of a model of the Icelandic ice sheet. <i>Quaternary Science Reviews</i> , 2006, 25, 2297-2313.	1.4	39
62	Seismic evidence for complex sedimentary control of Greenland Ice Sheet flow. <i>Science Advances</i> , 2017, 3, e1603071.	4.7	39
63	Arctic sea-ice loss fuels extreme European snowfall. <i>Nature Geoscience</i> , 2021, 14, 283-288.	5.4	39
64	Regulation of ice stream flow through subglacial formation of gas hydrates. <i>Nature Geoscience</i> , 2016, 9, 370-374.	5.4	38
65	Extraordinary runoff from the Greenland ice sheet in 2012 amplified by hypsometry and depleted firn retention. <i>Cryosphere</i> , 2016, 10, 1147-1159.	1.5	37
66	Derivation of High Spatial Resolution Albedo from UAV Digital Imagery: Application over the Greenland Ice Sheet. <i>Frontiers in Earth Science</i> , 2017, 5, .	0.8	37
67	Changing surface-atmosphere energy exchange and refreezing capacity of the lower accumulation area, West Greenland. <i>Cryosphere</i> , 2015, 9, 2163-2181.	1.5	36
68	Surface Meltwater Impounded by Seasonal Englacial Storage in West Greenland. <i>Geophysical Research Letters</i> , 2018, 45, 10,474.	1.5	36
69	A Monte Carlo error analysis for basal sliding velocity calculations. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	35
70	Seasonal velocities of eight major marine-terminating outlet glaciers of the Greenland ice sheet from continuous in situ GPS instruments. <i>Earth System Science Data</i> , 2013, 5, 277-287.	3.7	35
71	Holocene atmospheric circulation in the central North Pacific: A new terrestrial diatom and $\delta^{18}O$ dataset from the Aleutian Islands. <i>Quaternary Science Reviews</i> , 2018, 194, 27-38.	1.4	35
72	Reconstructing the Last Glacial Maximum ice sheet in the Weddell Sea embayment, Antarctica, using numerical modelling constrained by field evidence. <i>Quaternary Science Reviews</i> , 2011, 30, 2422-2432.	1.4	34

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73	The 2015 Chileno Valley glacial lake outburst flood, Patagonia. <i>Geomorphology</i> , 2019, 332, 51-65.	1.1	34
74	MODELLING CLIMATE, TOPOGRAPHY AND PALAEOGLACIER FLUCTUATIONS IN THE CHILEAN ANDES. <i>Earth Surface Processes and Landforms</i> , 1997, 22, 79-92.	1.2	33
75	Bedrock surface roughness and the distribution of subglacially precipitated carbonate deposits: implications for formation at Glacier de Tsanfleuron, Switzerland. <i>Earth Surface Processes and Landforms</i> , 1998, 23, 261-270.	1.2	32
76	Evaluating Younger Dryas glacier reconstructions in part of the western Scottish Highlands: a combined empirical and theoretical approach. <i>Boreas</i> , 2005, 34, 274-286.	1.2	32
77	An investigation into the mechanisms controlling seasonal speedup events at a High Arctic glacier. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	32
78	A revised Little Ice Age chronology of the Franz Josef Glacier, Westland, New Zealand. <i>Journal of the Royal Society of New Zealand</i> , 2004, 34, 381-394.	1.0	31
79	Towards a GIS assessment of numerical ice-sheet model performance using geomorphological data. <i>Journal of Glaciology</i> , 2007, 53, 71-83.	1.1	30
80	Supraglacial Ponds Regulate Runoff From Himalayan Debrisâ€Covered Glaciers. <i>Geophysical Research Letters</i> , 2017, 44, 11,894.	1.5	30
81	Evidence of Isotopic Fractionation During Vapor Exchange Between the Atmosphere and the Snow Surface in Greenland. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 2932-2945.	1.2	30
82	A wireless subglacial probe for deep ice applications. <i>Journal of Glaciology</i> , 2012, 58, 841-848.	1.1	29
83	Ice-Dammed Lake Drainage Evolution at Russell Glacier, West Greenland. <i>Frontiers in Earth Science</i> , 2017, 5, .	0.8	29
84	The verification and significance of three approaches to longitudinal stresses in highâ€resolution models of glacier flow. <i>Geografiska Annaler, Series A: Physical Geography</i> , 2000, 82, 471-487.	0.6	28
85	Spatial variability in the water content and rheology of temperate glaciers: Glacier de Tsanfleuron, Switzerland. <i>Annals of Glaciology</i> , 2003, 37, 1-6.	2.8	28
86	Seasonal variations in ice deformation and basal motion across the tongue of Haut Glacier dâ€™Arolla, Switzerland. <i>Annals of Glaciology</i> , 2003, 36, 157-167.	2.8	27
87	Influence of seasonality on glacier mass balance, and implications for palaeoclimate reconstructions. <i>Climate Dynamics</i> , 2010, 35, 757-770.	1.7	27
88	Biocryomorphology: Integrating Microbial Processes with Ice Surface Hydrology, Topography, and Roughness. <i>Frontiers in Earth Science</i> , 0, 3, .	0.8	27
89	Physical Conditions of Fast Glacier Flow: 2. Variable Extent of Anisotropic Ice and Soft Basal Sediment From Seismic Reflection Data Acquired on Store Glacier, West Greenland. <i>Journal of Geophysical Research F: Earth Surface</i> , 2018, 123, 349-362.	1.0	26
90	Resolving the internal and basal geometry of ice masses using imaging phase-sensitive radar. <i>Journal of Glaciology</i> , 2018, 64, 649-660.	1.1	26

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91	Subglacial topography inferred from ice surface terrain analysis reveals a large unâ€surveyed basin below sea level in East Antarctica. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	24
92	Subglacial water storage and drainage beneath the Fennoscandian and Barents Sea ice sheets. <i>Quaternary Science Reviews</i> , 2018, 201, 13-28.	1.4	23
93	An automated approach to the location of icequakes using seismic waveform amplitudes. <i>Annals of Glaciology</i> , 2013, 54, 1-9.	2.8	22
94	Former extent of glacier-like forms on Mars. <i>Icarus</i> , 2016, 274, 37-49.	1.1	21
95	Superimposed ice regime of a high Arctic glacier inferred using ground-penetrating radar, flow modeling, and ice cores. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	20
96	Mass balance, flow and subglacial processes of a modelled Younger Dryas ice cap in Scotland. <i>Journal of Glaciology</i> , 2009, 55, 32-42.	1.1	20
97	Ice thickness and basal conditions of vestfonna ice cap, eastern svalbard. <i>Geografiska Annaler, Series A: Physical Geography</i> , 2011, 93, 311-322.	0.6	20
98	Automated monitoring of subglacial hydrological processes with groundâ€penetrating radar (GPR) at high temporal resolution: scope and potential pitfalls. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	19
99	The last <sc>W</sc>elsh <sc>I</sc>ce <sc>C</sc>ap: Part 1 â€“ Modelling its evolution, sensitivity and associated climate. <i>Boreas</i> , 2013, 42, 471-490.	1.2	19
100	Identifying patterns of correspondence between modeled flow directions and field evidence: An automated flow direction analysis. <i>Computers and Geosciences</i> , 2007, 33, 141-150.	2.0	17
101	The last <sc>W</sc>elsh <sc>I</sc>ce <sc>C</sc>ap: Part 2 â€“ Dynamics of a topographically controlled icecap. <i>Boreas</i> , 2013, 42, 491-510.	1.2	17
102	Illuminating the dynamic rare biosphere of the Greenland Ice Sheet's Dark Zone. <i>FEMS Microbiology Ecology</i> , 2019, 95, .	1.3	17
103	Storage and export of microbial biomass across the western Greenland Ice Sheet. <i>Nature Communications</i> , 2021, 12, 3960.	5.8	17
104	Microseismicity Linked to Gas Migration and Leakage on the Western Svalbard Shelf. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 4623-4645.	1.0	16
105	Area and volume of mid-latitude glacier-like forms on Mars. <i>Earth and Planetary Science Letters</i> , 2019, 507, 10-20.	1.8	16
106	Icelandic permafrost dynamics since the Last Glacial Maximum â€“ model results and geomorphological implications. <i>Quaternary Science Reviews</i> , 2020, 233, 106236.	1.4	16
107	Structural glaciology of Isunguata Sermia, West Greenland. <i>Journal of Maps</i> , 2018, 14, 517-527.	1.0	15
108	Elevation Changes of the Fennoscandian Ice Sheet Interior During the Last Deglaciation. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088796.	1.5	15

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109	The Geomorphological Evolution of a Dynamic Landscape: the Cairngorm Mountains, Scotland. <i>Botanical Journal of Scotland</i> , 1996, 48, 13-30.	0.3	13
110	Rapid marine deglaciation: asynchronous retreat dynamics between the Irish Sea Ice Stream and terrestrial outlet glaciers. <i>Earth Surface Dynamics</i> , 2013, 1, 53-65.	1.0	13
111	Physical Conditions of Fast Glacier Flow: 3. Seasonallyâ€Evolving Ice Deformation on Store Glacier, West Greenland. <i>Journal of Geophysical Research F: Earth Surface</i> , 2019, 124, 245-267.	1.0	13
112	Attribution of Greenland's ablating ice surfaces on ice sheet albedo using unmanned aerial systems. <i>The Cryosphere Discussions TCD</i> , 0, , 1-23.	0.0	13
113	Modification of bedrock surfaces by glacial abrasion and quarrying: Evidence from North Wales. <i>Geomorphology</i> , 2020, 365, 107283.	1.1	11
114	Rapid development and persistence of efficient subglacial drainage under 900 m-thick ice in Greenland. <i>Earth and Planetary Science Letters</i> , 2021, 566, 116982.	1.8	11
115	Automated mapping of glacial overdeepenings beneath contemporary ice sheets: Approaches and potential applications. <i>Geomorphology</i> , 2015, 232, 209-223.	1.1	10
116	The role of ocean and atmospheric dynamics in the marine-based collapse of the last Eurasian Ice Sheet. <i>Communications Earth &amp; Environment</i> , 2022, 3, .	2.6	9
117	The potential contribution of high-resolution glacier flow modelling to structural glaciology. <i>Geological Society Special Publication</i> , 2000, 176, 135-146.	0.8	8
118	Deglacial history of the West Antarctic Ice Sheet in the Weddell Sea embayment: Constraints on past ice volume change: REPLY. <i>Geology</i> , 2011, 39, e240-e240.	2.0	8
119	Optimising ice flow law parameters using borehole deformation measurements and numerical modelling. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	7
120	A hardware proof of concept for a remote-controlled glacier-surveying boat. <i>Journal of Field Robotics</i> , 2012, 29, 880-890.	3.2	7
121	The reconstruction and climatic implication of an independent palaeo ice cap within the Andean rain shadow east of the former Patagonian ice sheet, Santa Cruz Province, Argentina. <i>Geomorphology</i> , 2013, 185, 1-15.	1.1	7
122	Glacially Induced Stress Across the Arctic From the Eemian Interglacial to the Presentâ€”Implications for Faulting and Methane Seepage. <i>Journal of Geophysical Research: Solid Earth</i> , 2022, 127, .	1.4	7
123	Evaluating Younger Dryas glacier reconstructions in part of the western Scottish Highlands: a combined empirical and theoretical approach. <i>Boreas</i> , 2005, 34, 274-286.	1.2	6
124	Rock glaciers in central Patagonia. <i>Geografiska Annaler, Series A: Physical Geography</i> , 2019, 101, 1-15.	0.6	6
125	Early and Middle Pleistocene environments, landforms and sediments in Scotland. <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> , 2019, 110, 5-37.	0.3	5
126	Hydrocarbon leakage driven by Quaternary glaciations in the Barents Sea based on 2D basin and petroleum system modeling. <i>Marine and Petroleum Geology</i> , 2022, 138, 105557.	1.5	4

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127	Temporal Variability of Surface Reflectance Supersedes Spatial Resolution in Defining Greenland's Bare-Ice Albedo. <i>Remote Sensing</i> , 2022, 14, 62.	1.8	4
128	The Times Atlas and actual Greenland ice loss. <i>Geology Today</i> , 2011, 27, 212-215.	0.3	3
129	A Multidisciplinary Approach to the Reconstruction of the Late Weichselian Deglaciation of Iceland. , 0, , 114-120.		2
130	Rapid Surface Lowering of Benito Glacier, Northern Patagonian Icefield. <i>Frontiers in Earth Science</i> , 2018, 6, .	0.8	2
131	Methods for Predicting the Likelihood of Safe Fieldwork Conditions in Harsh Environments. <i>Frontiers in Earth Science</i> , 2020, 8, .	0.8	2
132	Is there a climatic control on Icelandic volcanism?. <i>Quaternary Science Advances</i> , 2020, 1, 100004.	1.1	2
133	Seismic and Electrical Geophysical Characterization of an Incipient Coastal Open-System Pingo: Lagoon Pingo, Svalbard. <i>Earth and Space Science</i> , 2022, 9, .	1.1	2
134	Why and How to Write a High-Impact Review Paper: Lessons From Eight Years of Editorial Board Service to <i>Reviews of Geophysics</i> . <i>Reviews of Geophysics</i> , 2017, 55, 860-863.	9.0	1
135	Using Field Data to Constrain Ice-Flow Models: A Study of A Small Alpine Glacier. , 0, , 348-352.		0