

Bryn Hubbard

List of Publications by Year in descending order

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151
papers

4,661
citations

87888

38
h-index

138484

58
g-index

199
all docs

199
docs citations

199
times ranked

3713
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid basal melting of the Greenland Ice Sheet from surface meltwater drainage. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	10
2	Cryoegg: development and field trials of a wireless subglacial probe for deep, fast-moving ice. Journal of Glaciology, 2021, 67, 627-640.	2.2	6
3	Thermodynamics of a fast-moving Greenlandic outlet glacier revealed by fiber-optic distributed temperature sensing. Science Advances, 2021, 7, .	10.3	17
4	Borehole-Based Characterization of Deep Mixed-Mode Crevasses at a Greenlandic Outlet Glacier. AGU Advances, 2021, 2, e2020AV000291.	5.4	13
5	Seasonal Cold-Wave Propagation Into the Near-Surface Ice of Debris-Covered Khumbu Glacier, Nepal. Frontiers in Earth Science, 2021, 9, .	1.8	1
6	The Role of Differential Ablation and Dynamic Detachment in Driving Accelerating Mass Loss From a Debris-Covered Himalayan Glacier. Journal of Geophysical Research F: Earth Surface, 2021, 126, e2020JF005761.	2.8	15
7	Controls on Water Storage and Drainage in Crevasses on the Greenland Ice Sheet. Journal of Geophysical Research F: Earth Surface, 2021, 126, e2021JF006287.	2.8	11
8	Continuous borehole optical televiewing reveals variable englacial debris concentrations at Khumbu Glacier, Nepal. Communications Earth & Environment, 2021, 2, .	6.8	14
9	Microstructure and Crystallographic Preferred Orientations of an Azimuthally Oriented Ice Core from a Lateral Shear Margin: Priestley Glacier, Antarctica. Frontiers in Earth Science, 2021, 9, .	1.8	15
10	Polyphase Mid-Latitude Glaciation on Mars: Chronology of the Formation of Superposed Glacier-Like Forms from Crater-Count Dating. Journal of Geophysical Research E: Planets, 2020, 125, e2019JE006102.	3.6	17
11	Surficial geology and geomorphology of Greg crater, Promethei Terra, Mars. Journal of Maps, 2020, 16, 524-533.	2.0	7
12	Late Amazonian Ice Survival in Kasei Valles, Mars. Journal of Geophysical Research E: Planets, 2020, 125, e2020JE006531.	3.6	7
13	High-resolution distributed vertical strain and velocity from repeat borehole logging by optical televiewer: Derwael Ice Rise, Antarctica. Journal of Glaciology, 2020, 66, 523-529.	2.2	5
14	Hydrology of debris-covered glaciers in High Mountain Asia. Earth-Science Reviews, 2020, 207, 103212.	9.1	37
15	Distributed Acoustic Sensing of Seismic Properties in a Borehole Drilled on a Fast-Flowing Greenlandic Outlet Glacier. Geophysical Research Letters, 2020, 47, e2020GL088148.	4.0	43
16	An updated seabed bathymetry beneath Larsen C Ice Shelf, Antarctic Peninsula. Earth System Science Data, 2020, 12, 887-896.	9.9	8
17	Instruments and methods: hot-water borehole drilling at a high-elevation debris-covered glacier. Journal of Glaciology, 2019, 65, 822-832.	2.2	7
18	The Antarctic Peninsula Under a 1.5°C Global Warming Scenario. Frontiers in Environmental Science, 2019, 7, .	3.3	117

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19	Thank You to Our 2018 Peer Reviewers. <i>Journal of Geophysical Research F: Earth Surface</i> , 2019, 124, 868-873.	2.8	0
20	Surface and subsurface hydrology of debris-covered Khumbu Glacier, Nepal, revealed by dye tracing. <i>Earth and Planetary Science Letters</i> , 2019, 513, 176-186.	4.4	26
21	Physical Conditions of Fast Glacier Flow: 3. Seasonally Evolving Ice Deformation on Store Glacier, West Greenland. <i>Journal of Geophysical Research F: Earth Surface</i> , 2019, 124, 245-267.	2.8	13
22	Supraglacial lake drainage at a fast-flowing Greenlandic outlet glacier. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 25468-25477.	7.1	41
23	Seawater softening of suture zones inhibits fracture propagation in Antarctic ice shelves. <i>Nature Communications</i> , 2019, 10, 5491.	12.8	11
24	Area and volume of mid-latitude glacier-like forms on Mars. <i>Earth and Planetary Science Letters</i> , 2019, 507, 10-20.	4.4	16
25	Knickpoint evolution in a supraglacial stream. <i>Geografiska Annaler, Series A: Physical Geography</i> , 2019, 101, 118-135.	1.5	1
26	Creating HiRISE digital elevation models for Mars using the open-source Ames Stereo Pipeline. <i>Geoscientific Instrumentation, Methods and Data Systems</i> , 2019, 8, 293-313.	1.6	7
27	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.	2.8	41
28	Assessing the applicability of terrestrial laser scanning for mapping englacial conduits. <i>Journal of Glaciology</i> , 2018, 64, 37-48.	2.2	9
29	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.	2.8	26
30	Decline in Surface Melt Duration on Larsen C Ice Shelf Revealed by The Advanced Scatterometer (ASCAT). <i>Earth and Space Science</i> , 2018, 5, 578-591.	2.6	30
31	Polythermal structure of a Himalayan debris-covered glacier revealed by borehole thermometry. <i>Scientific Reports</i> , 2018, 8, 16825.	3.3	29
32	Glacial and geomorphic effects of a supraglacial lake drainage and outburst event, Everest region, Nepal Himalaya. <i>Cryosphere</i> , 2018, 12, 3891-3905.	3.9	46
33	Resolving the internal and basal geometry of ice masses using imaging phase-sensitive radar. <i>Journal of Glaciology</i> , 2018, 64, 649-660.	2.2	26
34	Thank You to Our 2017 Peer Reviewers. <i>Journal of Geophysical Research F: Earth Surface</i> , 2018, 123, 1498-1503.	2.8	0
35	Surface Meltwater Impounded by Seasonal Englacial Storage in West Greenland. <i>Geophysical Research Letters</i> , 2018, 45, 10,474.	4.0	36
36	Intense Winter Surface Melt on an Antarctic Ice Shelf. <i>Geophysical Research Letters</i> , 2018, 45, 7615-7623.	4.0	65

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37	Ice and firn heterogeneity within Larsen C Ice Shelf from borehole optical televiewing. <i>Journal of Geophysical Research F: Earth Surface</i> , 2017, 122, 1139-1153.	2.8	13
38	Rapidly changing subglacial hydrological pathways at a tidewater glacier revealed through simultaneous observations of water pressure, supraglacial lakes, meltwater plumes and surface velocities. <i>Cryosphere</i> , 2017, 11, 2691-2710.	3.9	49
39	Observationally constrained surface mass balance of Larsen C ice shelf, Antarctica. <i>Cryosphere</i> , 2017, 11, 2411-2426.	3.9	16
40	Centuries of intense surface melt on Larsen C Ice Shelf. <i>Cryosphere</i> , 2017, 11, 2743-2753.	3.9	19
41	Hot Water, Cold Ice. <i>Eos</i> , 2017, 98, .	0.1	0
42	Ice core evidence for a 20th century increase in surface mass balance in coastal Dronning Maud Land, East Antarctica. <i>Cryosphere</i> , 2016, 10, 2501-2516.	3.9	34
43	Constraining variable density of ice shelves using wide-angle radar measurements. <i>Cryosphere</i> , 2016, 10, 811-823.	3.9	15
44	Structural glaciology of Austre Br�ggerbreen, northwest Svalbard. <i>Journal of Maps</i> , 2016, 12, 790-796.	2.0	16
45	Massive subsurface ice formed by refreezing of ice-shelf melt ponds. <i>Nature Communications</i> , 2016, 7, 11897.	12.8	63
46	Former extent of glacier-like forms on Mars. <i>Icarus</i> , 2016, 274, 37-49.	2.5	21
47	Landscapes of polyphase glaciation: eastern Hellas Planitia, Mars. <i>Journal of Maps</i> , 2016, 12, 530-542.	2.0	11
48	Glaciological and geomorphological map of Glacier Noir and Glacier Blanc, French Alps. <i>Journal of Maps</i> , 2016, 12, 582-596.	2.0	7
49	Debris entrainment and landform genesis during tidewater glacier surges. <i>Journal of Geophysical Research F: Earth Surface</i> , 2015, 120, 1574-1595.	2.8	31
50	Former dynamic behaviour of a cold-based valley glacier on Svalbard revealed by basal ice and structural glaciology investigations. <i>Journal of Glaciology</i> , 2015, 61, 309-328.	2.2	44
51	Origin and dynamic significance of longitudinal structures ("flow stripes") in the Antarctic Ice Sheet. <i>Earth Surface Dynamics</i> , 2015, 3, 239-249.	2.4	18
52	Brief Communication: Newly developing rift in Larsen C Ice Shelf presents significant risk to stability. <i>Cryosphere</i> , 2015, 9, 1223-1227.	3.9	39
53	Amplified melt and flow of the Greenland ice sheet driven by late-summer cyclonic rainfall. <i>Nature Geoscience</i> , 2015, 8, 647-653.	12.9	107
54	Glacier-like forms on Mars. <i>Cryosphere</i> , 2014, 8, 2047-2061.	3.9	46

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55	Persistent flow acceleration within the interior of the Greenland ice sheet. <i>Geophysical Research Letters</i> , 2014, 41, 899-905.	4.0	81
56	An alternative interpretation of late Amazonian ice flow: Protonilus Mensae, Mars. <i>Icarus</i> , 2013, 225, 495-505.	2.5	15
57	Borehole and Ice Feature Annotation Tool (BIFAT): A program for the automatic and manual annotation of glacier borehole images. <i>Computers and Geosciences</i> , 2013, 51, 381-389.	4.2	24
58	Optical-televiever-based logging of the uppermost 630 m of the NEEM deep ice borehole, Greenland. <i>Annals of Glaciology</i> , 2013, 54, 83-89.	1.4	8
59	Ice shelf density reconstructed from optical televiever borehole logging. <i>Geophysical Research Letters</i> , 2013, 40, 5882-5887.	4.0	23
60	Mid-latitude glaciation on Mars. <i>Progress in Physical Geography</i> , 2012, 36, 238-261.	3.2	26
61	Optical-televiever-based identification and characterization of material facies associated with an Antarctic ice-shelf rift. <i>Annals of Glaciology</i> , 2012, 53, 137-146.	1.4	20
62	Melting and refreezing beneath Roi Baudouin Ice Shelf (East Antarctica) inferred from radar, GPS, and ice core data. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	18
63	An inventory and population-scale analysis of martian glacier-like forms. <i>Icarus</i> , 2012, 217, 243-255.	2.5	123
64	Physical properties and formation of flutes at a polythermal valley glacier: midre lovÅ©nbreen, svalbard. <i>Geografiska Annaler, Series A: Physical Geography</i> , 2011, 93, 71-88.	1.5	12
65	Possible interactions between bacterial diversity, microbial activity and supraglacial hydrology of cryoconite holes in Svalbard. <i>ISME Journal</i> , 2011, 5, 150-160.	9.8	149
66	Modelling iceâ€“bed coupling during a glacier speedâ€“up event: Haut Glacier d'Arolla, Switzerland. <i>Hydrological Processes</i> , 2011, 25, 1361-1372.	2.6	7
67	Geomorphological characterisation and interpretation of a mid-latitude glacier-like form: Hellas Planitia, Mars. <i>Icarus</i> , 2011, 211, 330-346.	2.5	67
68	Subglacial Drainage System. <i>Encyclopedia of Earth Sciences Series</i> , 2011, , 1095-1099.	0.1	0
69	Application of borehole optical televieving to investigating the 3-D structure of glaciers: implications for the formation of longitudinal debris ridges, midre LovÅ©nbreen, Svalbard. <i>Journal of Glaciology</i> , 2010, 56, 143-156.	2.2	23
70	Seasonal Controls on Deposition of Late Devensian Glaciolacustrine Sediments, Central Ireland. , 2009, , 149-163.		3
71	Anatomy and Facies Association of a Drumlin in Co. Down, Northern Ireland, from Seismic and Electrical Resistivity Surveys. , 2009, , 165-176.		3
72	The Newbigging Esker System, Lanarkshire, Southern Scotland: A Model for Composite Tunnel, Subaqueous Fan and Supraglacial Esker Sedimentation. , 2009, , 177-202.		1

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73	Sediments and Landforms in an Upland Glaciated-Valley Landsystem: Upper Ennerdale, English Lake District. , 2009, , 235-256.		1
74	Cenozoic Climate and Sea Level History from Glacimarine Strata off the Victoria Land Coast, Cape Roberts Project, Antarctica. , 2009, , 259-287.		34
75	Glacial Stress Field Orientation Reconstructed through Micromorphology and μ X-Ray Computed Tomography of Till. , 2009, , 289-294.		1
76	Sedimentology, Structural Characteristics and Morphology of a Neoglacial High-Arctic Moraine-Mound Complex: Midre LovÅ©nbreen, Svalbard. , 2009, , 11-22.		2
77	A New Laboratory Apparatus for Investigating Clast Ploughing. , 2009, , 23-34.		1
78	A Brief Review on Modeling Sediment Erosion, Transport and Deposition by Former Large Ice Sheets. , 2009, , 53-64.		0
79	Sedimentary Signatures of the Waterloo Moraine, Ontario, Canada. , 2009, , 85-108.		13
80	Estimating Episodic Permafrost Development in Northern Germany during the Pleistocene. , 2009, , 109-119.		4
81	Basal ice facies: a review and unifying approach. Quaternary Science Reviews, 2009, 28, 1956-1969.	3.0	48
82	Diurnal fluctuations in glacier ice deformation: Haut Glacier d'Arolla, Switzerland. Earth Surface Processes and Landforms, 2008, 33, 1272-1284.	2.5	7
83	Quantifying sample bias in clast fabric measurements. Sedimentology, 2008, 55, 925-938.	3.1	10
84	Optimising ice flow law parameters using borehole deformation measurements and numerical modelling. Geophysical Research Letters, 2008, 35, .	4.0	7
85	Recent high-resolution surface velocities and elevation change at a high-altitude, debris-covered glacier: Chacaraju, Peru. Journal of Glaciology, 2008, 54, 479-486.	2.2	2
86	Digital optical televueing of ice boreholes. Journal of Glaciology, 2008, 54, 823-830.	2.2	29
87	Investigations of meltwater refreezing and density variations in the snowpack and firn within the percolation zone of the Greenland ice sheet. Annals of Glaciology, 2007, 46, 61-68.	1.4	43
88	Dielectric Permittivity Measurements on Ice Cores: Implications for Interpretation of Radar to Yield Glacial Unfrozen Water Content. Journal of Environmental and Engineering Geophysics, 2007, 12, 37-45.	0.5	15
89	Time-lapse imaging of subglacial drainage conditions using three-dimensional inversion of borehole electrical resistivity data. Journal of Glaciology, 2006, 52, 49-57.	2.2	17
90	Impact of a rock avalanche on a moraine-dammed proglacial lake: Laguna Safuna Alta, Cordillera Blanca, Peru. Earth Surface Processes and Landforms, 2005, 30, 1251-1264.	2.5	97

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91	Hydrogeological analysis of slug tests in glacier boreholes. <i>Journal of Glaciology</i> , 2005, 51, 269-280.	2.2	14
92	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
93	MENZIES, J. (ed.) 2002. <i>Modern & Past Glacial Environments</i> . Revised student edition. xxi + 543 pp. Oxford, Auckland, Boston, Johannesburg, Melbourne, New Delhi: Butterworth-Heinemann. Price Å£47.50 (paperback). ISBN 0 750 64226 2. <i>Geological Magazine</i> , 2004, 141, 107-108.	1.5	0
94	Regional-scale bed roughness beneath ice masses: measurement and analysis. <i>Computers and Geosciences</i> , 2004, 30, 899-908.	4.2	43
95	Macro-scale bed roughness of the siple coast ice streams in West Antarctica. <i>Earth Surface Processes and Landforms</i> , 2004, 29, 1591-1596.	2.5	45
96	Evidence for subglacial ponding across Taylor Glacier, Dry Valleys, Antarctica. <i>Annals of Glaciology</i> , 2004, 39, 79-84.	1.4	42
97	A sedimentological and isotopic study of the origin of supraglacial debris bands: Kongsfjorden, Svalbard. <i>Journal of Glaciology</i> , 2004, 50, 157-170.	2.2	22
98	Cross-coupled flow modeling of coincident streaming and electrochemical potentials and application to subglacial self-potential data. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	53
99	Earth tide forcing of glacier drainage. <i>Geophysical Research Letters</i> , 2003, 30, 11-1-11-4.	4.0	66
100	Hydrological controls on patterns of surface, internal and basal motion during three â€œspring eventsâ€: Haut Glacier dâ€™Arolla, Switzerland. <i>Journal of Glaciology</i> , 2003, 49, 555-567.	2.2	91
101	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.	1.4	27
102	Numerical simulation of three-dimensional velocity fields in pressurized and non-pressurized Nye channels. <i>Annals of Glaciology</i> , 2003, 37, 281-285.	1.4	4
103	Spatial variability in the water content and rheology of temperate glaciers: Glacier de Tsanfleuron, Switzerland. <i>Annals of Glaciology</i> , 2003, 37, 1-6.	1.4	28
104	Direct measurement of basal motion at a hard-bedded, temperate glacier: Glacier de Tsanfleuron, Switzerland. <i>Journal of Glaciology</i> , 2002, 48, 1-8.	2.2	14
105	Geochemical weathering at the bed of Haut Glacier d'Arolla, Switzerland? a new model. <i>Hydrological Processes</i> , 2002, 16, 959-993.	2.6	232
106	A review of the use of radio-echo sounding in glaciology. <i>Progress in Physical Geography</i> , 2001, 25, 203-236.	3.2	110
107	Kinetics of solute acquisition from the dissolution of suspended sediment in subglacial channels. <i>Hydrological Processes</i> , 2001, 15, 3487-3497.	2.6	12
108	Borehole drainage and its implications for the investigation of glacier hydrology: experiences from Haut Glacier d'Arolla, Switzerland. <i>Hydrological Processes</i> , 2001, 15, 797-813.	2.6	27

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109	A review of the use of radio-echo sounding in glaciology. <i>Progress in Physical Geography</i> , 2001, 25, 203-236.	3.2	17
110	Preliminary investigations of centrifuge modelling of polycrystalline-ice deformation. <i>Annals of Glaciology</i> , 2000, 31, 257-262.	1.4	4
111	Fundamentals of glacier dynamics. C.J. van der Veen. 1999. Rotterdam: A.A. Balkema. x + 462 p, illustrated, soft cover. ISBN 90-5410-471-6. 80 Hfl.. <i>Polar Record</i> , 2000, 36, 359-360.	0.8	0
112	Water exchange between the subglacial Lake Vostok and the overlying ice sheet. <i>Nature</i> , 2000, 403, 643-646.	27.8	79
113	KNIGHT, P. G. 1999. <i>Glaciers</i> . xxv + 402 pp. Cheltenham: Stanley Thornes. Price Â£27.50 (paperback). ISBN 0 7487 4000 7.. <i>Geological Magazine</i> , 2000, 137, 97-106.	1.5	0
114	The potential contribution of high-resolution glacier flow modelling to structural glaciology. <i>Geological Society Special Publication</i> , 2000, 176, 135-146.	1.3	8
115	Laboratory investigations of the strength, static hydraulic conductivity and dynamic hydraulic conductivity of glacial sediments. <i>Geological Society Special Publication</i> , 2000, 176, 231-242.	1.3	6
116	Ice crystallographic evolution at a temperate glacier: Glacier de Tsanfleuron, Switzerland. <i>Geological Society Special Publication</i> , 2000, 176, 23-38.	1.3	12
117	Ice-core evidence of the thickness and character of clear-facies basal ice: Glacier de Tsanfleuron, Switzerland. <i>Journal of Glaciology</i> , 2000, 46, 140-150.	2.2	27
118	Glacier mass-balance determination by remote sensing and high-resolution modelling. <i>Journal of Glaciology</i> , 2000, 46, 491-498.	2.2	40
119	Deformation of glacial materials: introduction and overview. <i>Geological Society Special Publication</i> , 2000, 176, 1-9.	1.3	10
120	Spectral roughness of glaciated bedrock geomorphic surfaces: Implications for glacier sliding. <i>Journal of Geophysical Research</i> , 2000, 105, 21295-21303.	3.3	44
121	YERSHOV, E. D. 1998. <i>General Geocryology</i> . Studies in Polar Research Series. First published in Russian as <i>Obshchaya Geokriologiya</i> by Nedra, 1990. xxiii + 580 pp. Cambridge, New York, Melbourne: Cambridge University Press. Price Â£75.00, US \$120.00 (hard covers). ISBN 0 521 47334 9.. <i>Geological Magazine</i> , 1999, 136, 331-340.	1.5	0
122	GUYTON, B. 1998. <i>Glaciers of California</i> . Modern Glaciers, Ice Age Glaciers, the Origin of Yosemite Valley, and a Glacier Tour in the Sierra Nevada. California Natural History Guides Series. xvi + 197 pp. Berkeley: University of California Press. Price US \$34.95 (hard covers). ISBN 0 520 21295 9.. <i>Geological Magazine</i> , 1999, 136, 213-220.	1.5	0
123	Solute generation and transfer from a chemically reactive alpine glacial-proglacial system. <i>Earth Surface Processes and Landforms</i> , 1999, 24, 1189-1211.	2.5	60
124	Interactions of calcareous suspended sediment with glacial meltwater: a field test of dissolution behaviour. <i>Chemical Geology</i> , 1999, 155, 243-263.	3.3	44
125	Subglacial sediment textures: character and evolution at Haut Glacier dâ€™Arolla, Switzerland. <i>Annals of Glaciology</i> , 1999, 28, 241-246.	1.4	12
126	Seasonal reorganization of subglacial drainage inferred from measurements in boreholes. <i>Hydrological Processes</i> , 1998, 12, 105-133.	2.6	94

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127	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.	2.5	32
128	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.	2.2	96
129	Inter-borehole electrical resistivity imaging of englacial drainage. <i>Journal of Glaciology</i> , 1998, 44, 429-435.	2.2	19
130	Inter-borehole electrical resistivity imaging of englacial drainage. <i>Journal of Glaciology</i> , 1998, 44, 429-435.	2.2	18
131	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.	2.2	14
132	Influence of subglacial drainage conditions on the velocity distribution within a glacier cross section. <i>Geology</i> , 1997, 25, 739.	4.4	65
133	Alpine subglacial hydrology. <i>Quaternary Science Reviews</i> , 1997, 16, 939-955.	3.0	127
134	Interpretation of borehole impulse tests at Haut Glacier d'Arolla, Switzerland. <i>Annals of Glaciology</i> , 1997, 24, 397-402.	1.4	14
135	Interpretation of borehole impulse tests at Haut Glacier d'Arolla, Switzerland. <i>Annals of Glaciology</i> , 1997, 24, 397-402.	1.4	3
136	On the sedimentological character of Alpine basal ice facies. <i>Annals of Glaciology</i> , 1996, 22, 187-193.	1.4	15
137	On the sedimentological character of Alpine basal ice facies. <i>Annals of Glaciology</i> , 1996, 22, 187-193.	1.4	8
138	Comments on the use of chemically based mixing models in glacier hydrology. <i>Journal of Glaciology</i> , 1995, 41, 241-246.	2.2	4
139	Comments on the use of chemically based mixing models in glacier hydrology. <i>Journal of Glaciology</i> , 1995, 41, 241-246.	2.2	50
140	Basal Ice Facies and Their Formation in the Western Alps. <i>Arctic and Alpine Research</i> , 1995, 27, 301.	1.3	80
141	The character, structure and origin of the basal ice layer of a surge-type glacier. <i>Journal of Glaciology</i> , 1994, 40, 327-340.	2.2	73
142	The character, structure and origin of the basal ice layer of a surge-type glacier. <i>Journal of Glaciology</i> , 1994, 40, 327-340.	2.2	64
143	Weertman regelation, multiple refreezing events and the isotopic evolution of the basal ice layer. <i>Journal of Glaciology</i> , 1993, 39, 275-291.	2.2	54
144	Weertman regelation, multiple refreezing events and the isotopic evolution of the basal ice layer. <i>Journal of Glaciology</i> , 1993, 39, 275-291.	2.2	7

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145	Freezing-rate effects on the physical characteristics of basal ice formed by net adfreezing. Journal of Glaciology, 1991, 37, 339-347.	2.2	28
146	Freezing-rate effects on the physical characteristics of basal ice formed by net adfreezing. Journal of Glaciology, 1991, 37, 339-347.	2.2	24
147	Basal ice formation and deformation: a review. Progress in Physical Geography, 1989, 13, 529-558.	3.2	89
148	Borehole-Based Subglacial Instrumentation. , 0, , 387-394.		2
149	Review article: The hydrology of debris-covered glaciers " state of the science and future research directions. , 0, ,		5
150	Water flow through sediments and at the ice-sediment interface beneath Sermeq Kujalleq (Store) Tj ETQq0 0 0 rgBT J/Overlock 10 Tf 50	2.2	3
151	on the Relationships Between Field Data and Numerical Models of Ice-Mass Motion. , 0, , 338-345.		0