

Julian A Dowdeswell

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7836641/publications.pdf>

Version: 2024-02-01

417
papers

21,745
citations

7551

77
h-index

14156

128
g-index

443
all docs

443
docs citations

443
times ranked

9591
citing authors

#	ARTICLE	IF	CITATIONS
1	Late Quaternary ice sheet history of northern Eurasia. <i>Quaternary Science Reviews</i> , 2004, 23, 1229-1271.	1.4	1,279
2	The International Bathymetric Chart of the Arctic Ocean (IBCAO) Version 3.0. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	888
3	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
4	Submarine landforms and the reconstruction of fast-flowing ice streams within a large Quaternary ice sheet: The 2500-km-long Norwegian-Svalbard margin (57°-80°N). <i>Bulletin of the Geological Society of America</i> , 2005, 117, 1033.	1.6	351
5	A new bed elevation dataset for Greenland. <i>Cryosphere</i> , 2013, 7, 499-510.	1.5	341
6	Maximum extent of the Eurasian ice sheets in the Barents and Kara Sea region during the Weichselian. <i>Boreas</i> , 1999, 28, 234-242.	1.2	322
7	THE NORWEGIAN-“GREENLAND SEA CONTINENTAL MARGINS: MORPHOLOGY AND LATE QUATERNARY SEDIMENTARY PROCESSES AND ENVIRONMENT. <i>Quaternary Science Reviews</i> , 1998, 17, 273-302.	1.4	310
8	Evolution of subglacial bedforms along a paleo-ice stream, Antarctic Peninsula continental shelf. <i>Geophysical Research Letters</i> , 2002, 29, 41-44.	1.5	272
9	Flow dynamics and till genesis associated with a marine-based Antarctic palaeo-ice stream. <i>Quaternary Science Reviews</i> , 2005, 24, 709-740.	1.4	262
10	A community-based geological reconstruction of Antarctic Ice Sheet deglaciation since the Last Glacial Maximum. <i>Quaternary Science Reviews</i> , 2014, 100, 1-9.	1.4	228
11	Characterization of pebble fabrics in modern terrestrial glacial sediments. <i>Sedimentology</i> , 1986, 33, 699-710.	1.6	212
12	Submarine glacial landforms and rates of ice-stream collapse. <i>Geology</i> , 2008, 36, 819.	2.0	206
13	Iceberg production, debris rafting, and the extent and thickness of Heinrich layers (H-1, H-2) in North Atlantic sediments. <i>Geology</i> , 1995, 23, 301.	2.0	204
14	The duration of the active phase on surge-type glaciers: contrasts between Svalbard and other regions. <i>Journal of Glaciology</i> , 1991, 37, 388-400.	1.1	200
15	Thickness and extent of the subglacial till layer beneath an Antarctic paleo-“ice stream. <i>Geology</i> , 2004, 32, 13.	2.0	197
16	The Mass Balance of Circum-Arctic Glaciers and Recent Climate Change. <i>Quaternary Research</i> , 1997, 48, 1-14.	1.0	194
17	Arctic Ocean glacial history. <i>Quaternary Science Reviews</i> , 2014, 92, 40-67.	1.4	184
18	Laminated sediments in glacial marine environments: diagnostic criteria for their interpretation. <i>Quaternary Science Reviews</i> , 2001, 20, 1411-1436.	1.4	183

#	ARTICLE	IF	CITATIONS
19	The periglacial climate and environment in northern Eurasia during the Last Glaciation. <i>Quaternary Science Reviews</i> , 2004, 23, 1333-1357.	1.4	183
20	Assemblages of submarine landforms produced by tidewater glaciers in Svalbard. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	178
21	Calibrating the Late Ordovician glaciation and mass extinction by the eccentricity cycles of Earth's orbit. <i>Geology</i> , 2000, 28, 967.	2.0	175
22	Ice-stream stability on a reverse bed slope. <i>Nature Geoscience</i> , 2012, 5, 799-802.	5.4	174
23	How accurate are estimates of glacier ice thickness? Results from ITMIX, the Ice Thickness Models Intercomparison eXperiment. <i>Cryosphere</i> , 2017, 11, 949-970.	1.5	173
24	GLACIMARINE SEDIMENTARY PROCESSES AND FACIES ON THE POLAR NORTH ATLANTIC MARGINS. <i>Quaternary Science Reviews</i> , 1998, 17, 243-272.	1.4	164
25	The seismic architecture and geometry of grounding-zone wedges formed at the marine margins of past ice sheets. <i>Bulletin of the Geological Society of America</i> , 2012, 124, 1750-1761.	1.6	159
26	Palaeo-ice streams, trough mouth fans and high-latitude continental slope sedimentation. <i>Boreas</i> , 2003, 32, 37-55.	1.2	156
27	On the Net Mass Balance of the Glaciers and Ice Caps in Svalbard, Norwegian Arctic, Antarctic, and Alpine Research, 2003, 35, 264-270.	0.4	149
28	Ice elevation and areal changes of glaciers from the Northern Patagonia Icefield, Chile. <i>Global and Planetary Change</i> , 2007, 59, 126-137.	1.6	147
29	Iceberg scouring in Scoresby Sund and on the East Greenland continental shelf. <i>Marine Geology</i> , 1993, 111, 37-53.	0.9	146
30	Large-scale sedimentation on the glacier-influenced polar North Atlantic Margins: Long-range side-scan sonar evidence. <i>Geophysical Research Letters</i> , 1996, 23, 3535-3538.	1.5	144
31	The origin of massive diamicton facies by iceberg rafting and scouring, Scoresby Sund, East Greenland. <i>Sedimentology</i> , 1994, 41, 21-35.	1.6	143
32	Ice-sheet grounding-zone wedges (GZWs) on high-latitude continental margins. <i>Marine Geology</i> , 2015, 363, 65-92.	0.9	142
33	Oceanic heat transport onto the Amundsen Sea shelf through a submarine glacial trough. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	140
34	The evolution of the Patagonian Ice Sheet from 35 ka to the present day (PATICE). <i>Earth-Science Reviews</i> , 2020, 204, 103152.	4.0	137
35	Debris entrainment and transfer in polythermal valley glaciers. <i>Journal of Glaciology</i> , 1999, 45, 69-86.	1.1	136
36	Sediment deposition in an iceberg-dominated glacimarine environment, East Greenland: basin fill implications. <i>Global and Planetary Change</i> , 1996, 12, 251-270.	1.6	134

#	ARTICLE	IF	CITATIONS
37	Keel depths of modern Antarctic icebergs and implications for sea-floor scouring in the geological record. <i>Marine Geology</i> , 2007, 243, 120-131.	0.9	134
38	Modelling the Eurasian Ice Sheet through a full (Weichselian) glacial cycle. <i>Global and Planetary Change</i> , 2001, 31, 367-385.	1.6	133
39	Investigations of the form and flow of ice sheets and glaciers using radio-echo sounding. <i>Reports on Progress in Physics</i> , 2004, 67, 1821-1861.	8.1	132
40	Ice-sheet numerical modeling and marine geophysical measurements of glacier-derived sedimentation on the Eurasian Arctic continental margins. <i>Bulletin of the Geological Society of America</i> , 1999, 111, 1080-1097.	1.6	131
41	Reconstruction of ice-sheet changes in the Antarctic Peninsula since the Last Glacial Maximum. <i>Quaternary Science Reviews</i> , 2014, 100, 87-110.	1.4	129
42	The International Bathymetric Chart of the Arctic Ocean Version 4.0. <i>Scientific Data</i> , 2020, 7, 176.	2.4	129
43	Anatomy of Heinrich Layer 1 and its role in the last deglaciation. <i>Paleoceanography</i> , 2017, 32, 284-303.	3.0	128
44	Submarine landforms characteristic of glacier surges in two Spitsbergen fjords. <i>Quaternary Science Reviews</i> , 2008, 27, 1583-1599.	1.4	126
45	Geological record of ice shelf break-up and grounding line retreat, Pine Island Bay, West Antarctica. <i>Geology</i> , 2011, 39, 691-694.	2.0	125
46	An extensive and dynamic ice sheet on the West Greenland shelf during the last glacial cycle. <i>Geology</i> , 2013, 41, 219-222.	2.0	123
47	Dynamics of the Late Weichselian ice sheet on Svalbard inferred from high-resolution sea-floor morphology. <i>Boreas</i> , 2007, 36, 286-306.	1.2	122
48	An inter-ice-stream glaciated margin: Submarine landforms and a geomorphic model based on marine-geophysical data from Svalbard. <i>Bulletin of the Geological Society of America</i> , 2009, 121, 1647-1665.	1.6	120
49	Evidence for glaciation in the Northern Hemisphere back to 44 Ma from ice-rafted debris in the Greenland Sea. <i>Earth and Planetary Science Letters</i> , 2008, 265, 112-122.	1.8	117
50	On the origin and flow behavior of submarine slides on deep-sea fans along the Norwegian-Barents Sea continental margin. <i>Geo-Marine Letters</i> , 1997, 17, 119-125.	0.5	113
51	Numerical reconstructions of the Eurasian Ice Sheet and climate during the Late Weichselian. <i>Quaternary Science Reviews</i> , 2004, 23, 1273-1283.	1.4	111
52	Mass balance change as a control on the frequency and occurrence of glacier surges in Svalbard, Norwegian High Arctic. <i>Geophysical Research Letters</i> , 1995, 22, 2909-2912.	1.5	108
53	The dimensions and topographic setting of Antarctic subglacial lakes and implications for large-scale water storage beneath continental ice sheets. <i>Bulletin of the Geological Society of America</i> , 1999, 111, 254-263.	1.6	106
54	The Andøya Slide and the Andøya Canyon, north-eastern Norwegian Greenland Sea. <i>Marine Geology</i> , 2000, 162, 259-275.	0.9	106

#	ARTICLE	IF	CITATIONS
55	The physiography of High Arctic cross-shelf troughs. <i>Quaternary Science Reviews</i> , 2014, 92, 68-96.	1.4	106
56	An Arctic Ocean ice shelf during MIS 6 constrained by new geophysical and geological data. <i>Quaternary Science Reviews</i> , 2010, 29, 3505-3517.	1.4	104
57	An origin for laminated glaci-marine sediments through sea-ice build-up and suppressed iceberg rafting. <i>Sedimentology</i> , 2000, 47, 557-576.	1.6	102
58	Geological constraints on Antarctic palaeo-ice stream retreat. <i>Earth Surface Processes and Landforms</i> , 2008, 33, 513-525.	1.2	101
59	Continental slope morphology and sedimentary processes at the mouth of an Antarctic palaeo-ice stream. <i>Marine Geology</i> , 2004, 204, 203-214.	0.9	99
60	Extent and dynamics of the West Antarctic Ice Sheet on the outer continental shelf of Pine Island Bay during the last glaciation. <i>Marine Geology</i> , 2006, 230, 53-72.	0.9	99
61	The distribution and flow characteristics of surge-type glaciers in the Canadian High Arctic. <i>Annals of Glaciology</i> , 2003, 36, 73-81.	2.8	97
62	ATMOSPHERIC SCIENCE: The Greenland Ice Sheet and Global Sea-Level Rise. <i>Science</i> , 2006, 311, 963-964.	6.0	97
63	Debris in Icebergs and Rates of Glaci-Marine Sedimentation: Observations from Spitsbergen and a Simple Model. <i>Journal of Geology</i> , 1989, 97, 221-231.	0.7	96
64	The sizes, frequencies, and freeboards of East Greenland icebergs observed using ship radar and sextant. <i>Journal of Geophysical Research</i> , 1992, 97, 3515-3528.	3.3	95
65	Reconstruction of changes in the Amundsen Sea and Bellingshausen Sea sector of the West Antarctic Ice Sheet since the Last Glacial Maximum. <i>Quaternary Science Reviews</i> , 2014, 100, 55-86.	1.4	94
66	Controls on glacier surging in Svalbard. <i>Journal of Glaciology</i> , 1996, 42, 157-168.	1.1	93
67	Flow and retreat of the Late Quaternary Pine Island-Thwaites palaeo-ice stream, West Antarctica. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	93
68	Warming of waters in an East Greenland fjord prior to glacier retreat: mechanisms and connection to large-scale atmospheric conditions. <i>Cryosphere</i> , 2011, 5, 701-714.	1.5	93
69	Late Weichselian Glaciation of the Russian High Arctic. <i>Quaternary Research</i> , 1999, 52, 273-285.	1.0	92
70	Late Quaternary ice flow in a West Greenland fjord and cross-shelf trough system: submarine landforms from Rink Isbrae to Uummannaq shelf and slope. <i>Quaternary Science Reviews</i> , 2014, 92, 292-309.	1.4	91
71	Flow switching and large-scale deposition by ice streams draining former ice sheets. <i>Geology</i> , 2006, 34, 313.	2.0	90
72	Timing and significance of glacially influenced mass-wasting in the submarine channels of the Greenland Basin. <i>Marine Geology</i> , 2004, 207, 39-54.	0.9	89

#	ARTICLE	IF	CITATIONS
73	Ice-stream retreat and ice-shelf history in Marguerite Trough, Antarctic Peninsula: Sedimentological and foraminiferal signatures. <i>Bulletin of the Geological Society of America</i> , 2011, 123, 997-1015.	1.6	88
74	On The Nature of Svalbard Icebergs. <i>Journal of Glaciology</i> , 1989, 35, 224-234.	1.1	87
75	A major trough-mouth fan on the continental margin of the Bellingshausen Sea, West Antarctica: The Belgica Fan. <i>Marine Geology</i> , 2008, 252, 129-140.	0.9	87
76	Rates of sediment delivery from the Fennoscandian Ice Sheet through an ice age. <i>Geology</i> , 2010, 38, 3-6.	2.0	85
77	Controls on glacier surging in Svalbard. <i>Journal of Glaciology</i> , 1996, 42, 157-168.	1.1	84
78	Past ice-sheet flow east of Svalbard inferred from streamlined subglacial landforms. <i>Geology</i> , 2010, 38, 163-166.	2.0	79
79	The hydrochemistry of meltwaters draining a polythermal-based, high Arctic glacier, south Svalbard: I. The ablation season. <i>Hydrological Processes</i> , 1998, 12, 1825-1849.	1.1	78
80	GLACIAL AND OCEANIC HISTORY OF THE POLAR NORTH ATLANTIC MARGINS: AN OVERVIEW. <i>Quaternary Science Reviews</i> , 1998, 17, 1-10.	1.4	78
81	Iceberg calving flux and mass balance of the Austfonna ice cap on Nordaustlandet, Svalbard. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	78
82	Drainage-Basin Characteristics of Nordaustlandet Ice Caps, Svalbard. <i>Journal of Glaciology</i> , 1986, 32, 31-38.	1.1	77
83	Marine geophysical evidence for former expansion and flow of the Greenland Ice Sheet across the north-east Greenland continental shelf. <i>Journal of Quaternary Science</i> , 2009, 24, 279-293.	1.1	77
84	Paleoenvironments during Younger Dryas-early Holocene retreat of the Greenland Ice Sheet from outer Disko Trough, central west Greenland. <i>Journal of Quaternary Science</i> , 2014, 29, 27-40.	1.1	77
85	Sediment-rich meltwater plumes and ice-proximal fans at the margins of modern and ancient tidewater glaciers: Observations and modelling. <i>Sedimentology</i> , 2015, 62, 1665-1692.	1.6	77
86	Asynchronous deposition of ice-rafted layers in the Nordic seas and North Atlantic Ocean. <i>Nature</i> , 1999, 400, 348-351.	13.7	76
87	Morphology, sedimentary infill and depositional environments of the Early Quaternary North Sea Basin (56°N-62°N). <i>Marine and Petroleum Geology</i> , 2014, 56, 123-146.	1.5	75
88	The timing of initiation of fast-flowing ice streams during a glacial cycle inferred from glacial marine sedimentation. <i>Marine Geology</i> , 2002, 188, 3-14.	0.9	74
89	Late Weichselian iceberg, surface-melt and sediment production from the Eurasian Ice Sheet: results from numerical ice-sheet modelling. <i>Marine Geology</i> , 2002, 188, 109-127.	0.9	74
90	Morphology and sedimentary processes on the continental slope off Pine Island Bay, Amundsen Sea, West Antarctica. <i>Bulletin of the Geological Society of America</i> , 2006, 118, 606-619.	1.6	74

#	ARTICLE	IF	CITATIONS
91	Flow of the West Antarctic Ice Sheet on the continental margin of the Bellingshausen Sea at the Last Glacial Maximum. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	72
92	Thrusting and debris entrainment in a surging glacier: Bakaninbreen, Svalbard. <i>Annals of Glaciology</i> , 1996, 22, 241-248.	2.8	71
93	Morphology of the upper continental slope in the Bellingshausen and Amundsen Seas – Implications for sedimentary processes at the shelf edge of West Antarctica. <i>Marine Geology</i> , 2009, 258, 100-114.	0.9	71
94	Submarine landforms in the fjords of southern Chile: implications for glacimarine processes and sedimentation in a mild glacier-influenced environment. <i>Quaternary Science Reviews</i> , 2013, 64, 1-19.	1.4	71
95	Submarine landforms and shallow acoustic stratigraphy of a 400km-long fjord-shelf-slope transect, Kangerlussuaq margin, East Greenland. <i>Quaternary Science Reviews</i> , 2010, 29, 3359-3369.	1.4	70
96	Radio Echo-Sounding of Spitsbergen Glaciers: Problems in the Interpretation of Layer and Bottom Returns. <i>Journal of Glaciology</i> , 1984, 30, 16-21.	1.1	69
97	The size and frequency of icebergs and bergy bits derived from tidewater glaciers in Kongsfjorden, northwest Spitsbergen. <i>Polar Research</i> , 1992, 11, 81-91.	1.6	69
98	Holocene glacimarine sedimentation, inner Scoresby Sund, East Greenland: the influence of fast-flowing ice-sheet outlet glaciers. <i>Marine Geology</i> , 2001, 175, 103-129.	0.9	69
99	Basal melting of Ross Ice Shelf from solar heat absorption in an ice-front polynya. <i>Nature Geoscience</i> , 2019, 12, 435-440.	5.4	69
100	Geometric evolution and ice dynamics during a surge of Bakaninbreen, Svalbard. <i>Journal of Glaciology</i> , 1998, 44, 263-272.	1.1	68
101	Flow dynamics and iceberg calving rates of Devon Ice Cap, Nunavut, Canada. <i>Journal of Glaciology</i> , 2005, 51, 219-230.	1.1	68
102	Evidence of a hydrological connection between the ice divide and ice sheet margin in the Aurora Subglacial Basin, East Antarctica. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	68
103	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
104	Autonomous underwater vehicles (AUVs) and investigations of the ice-ocean interface in Antarctic and Arctic waters. <i>Journal of Glaciology</i> , 2008, 54, 661-672.	1.1	67
105	Buried iceberg ploughmarks in the early Quaternary sediments of the central North Sea: A two-million year record of glacial influence from 3D seismic data. <i>Marine Geology</i> , 2013, 344, 1-9.	0.9	66
106	Form and flow of the Devon Island Ice Cap, Canadian Arctic. <i>Journal of Geophysical Research</i> , 2004, 109, n/a-n/a.	3.3	64
107	The glacier-influenced Scoresby Sund Fan, East Greenland continental margin: evidence from GLORIA and 3.5 kHz records. <i>Marine Geology</i> , 1997, 143, 207-221.	0.9	63
108	Till characteristics, genesis and transport beneath Antarctic paleo-ice streams. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	63

#	ARTICLE	IF	CITATIONS
109	Evidence for full-glacial flow and retreat of the Late Weichselian Ice Sheet from the waters around Kong Karls Land, eastern Svalbard. <i>Quaternary Science Reviews</i> , 2010, 29, 3563-3582.	1.4	62
110	Greenland subglacial lakes detected by radar. <i>Geophysical Research Letters</i> , 2013, 40, 6154-6159.	1.5	62
111	Deglaciation of a major palaeo-ice stream in Disko Trough, West Greenland. <i>Quaternary Science Reviews</i> , 2016, 147, 5-26.	1.4	62
112	Spatial variations in heat at the base of the Antarctic ice sheet from analysis of the thermal regime above subglacial lakes. <i>Journal of Glaciology</i> , 1996, 42, 501-509.	1.1	60
113	Seismic architecture and sedimentation in northwest Spitsbergen fjords. <i>Marine Geology</i> , 1992, 103, 53-68.	0.9	59
114	Glacimarine lithofacies, provenance and depositional processes on a West Greenland troughâ€™mouth fan. <i>Journal of Quaternary Science</i> , 2013, 28, 13-26.	1.1	59
115	Velocity structure, flow instability and mass flux on a large Arctic ice cap from satellite radar interferometry. <i>Earth and Planetary Science Letters</i> , 1999, 167, 131-140.	1.8	58
116	The sedimentary legacy of a palaeo-ice stream on the shelf of the southern Bellingshausen Sea: Clues to West Antarctic glacial history during the Late Quaternary. <i>Quaternary Science Reviews</i> , 2010, 29, 2741-2763.	1.4	58
117	Modeling glacial meltwater plume dynamics and sedimentation in high-latitude fjords. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	58
118	The physiography of modern Antarctic subglacial lakes. <i>Global and Planetary Change</i> , 2003, 35, 221-236.	1.6	57
119	Anomalous recent growth of part of a large Arctic ice cap: Austfonna, Svalbard. <i>Geophysical Research Letters</i> , 2004, 31, n/a-n/a.	1.5	57
120	The Late Quaternary sedimentary record in Scoresby Sund, East Greenland. <i>Boreas</i> , 1994, 23, 294-310.	1.2	57
121	High-resolution geophysical observations of the Yermak Plateau and northern Svalbard margin: implications for ice-sheet grounding and deep-keeled icebergs. <i>Quaternary Science Reviews</i> , 2010, 29, 3518-3531.	1.4	57
122	Evidence of marine ice-cliff instability in Pine Island Bay from iceberg-keel plough marks. <i>Nature</i> , 2017, 550, 506-510.	13.7	57
123	Hydrochemistry of meltwaters draining a polythermal-based, high-Arctic glacier, south Svalbard: II. Winter and early Spring. <i>Hydrological Processes</i> , 2000, 14, 1767-1786.	1.1	55
124	Debris entrainment and transfer in polythermal valley glaciers. <i>Journal of Glaciology</i> , 1999, 45, 69-86.	1.1	55
125	Calculating ice volumes and ice flux to constrain the dimensions of a 440 Ma North African ice sheet. <i>Journal of the Geological Society</i> , 2009, 166, 277-281.	0.9	53
126	Modelling the mass balance of northwest Spitsbergen glaciers and responses to climate change. <i>Annals of Glaciology</i> , 1997, 24, 203-210.	2.8	52

#	ARTICLE	IF	CITATIONS
127	Glaciological applications with Landsat-7 imagery: Early assessments. <i>Remote Sensing of Environment</i> , 2001, 78, 163-179.	4.6	52
128	Late Quaternary Iceberg Rafting along the Antarctic Peninsula Continental Rise and in the Weddell and Scotia Seas. <i>Quaternary Research</i> , 2001, 56, 308-321.	1.0	52
129	Elevation changes measured on Svalbard glaciers and ice caps from airborne laser data. <i>Annals of Glaciology</i> , 2005, 42, 202-208.	2.8	52
130	Basal topographic controls on rapid retreat of Humboldt Glacier, northern Greenland. <i>Journal of Glaciology</i> , 2015, 61, 137-150.	1.1	52
131	Bathymetry data reveal glaciers vulnerable to ice-ocean interaction in Uummannaq and Vaigat glacial fjords, west Greenland. <i>Geophysical Research Letters</i> , 2016, 43, 2667-2674.	1.5	52
132	The Surface Topography of Large Ice Masses from Landsat Imagery. <i>Journal of Glaciology</i> , 1987, 33, 16-23.	1.1	51
133	The variety and distribution of submarine glacial landforms and implications for ice-sheet reconstruction. <i>Geological Society Memoir</i> , 2016, 46, 519-552.	0.9	50
134	Form and flow of the Academy of Sciences Ice Cap, Severnaya Zemlya, Russian High Arctic. <i>Journal of Geophysical Research</i> , 2002, 107, EPM 5-1-EPM 5-15.	3.3	49
135	Late Quaternary submarine bedforms and ice-sheet flow in Gerlache Strait and on the adjacent continental shelf, Antarctic Peninsula. <i>Journal of Quaternary Science</i> , 2004, 19, 397-407.	1.1	49
136	Geomorphic signature of Antarctic submarine gullies: Implications for continental slope processes. <i>Marine Geology</i> , 2013, 337, 112-124.	0.9	48
137	Thrusting and debris entrainment in a surging glacier: Bakaninbreen, Svalbard. <i>Annals of Glaciology</i> , 1996, 22, 241-248.	2.8	47
138	Identification and preservation of landforms diagnostic of past ice-sheet activity on continental shelves from three-dimensional seismic evidence. <i>Geology</i> , 2007, 35, 359.	2.0	47
139	Glacier velocities and dynamic ice discharge from the Queen Elizabeth Islands, Nunavut, Canada. <i>Geophysical Research Letters</i> , 2014, 41, 484-490.	1.5	47
140	The Dynamics of Austfonna, Nordaustlandet, Svalbard: Surface Velocities, Mass Balance, and Subglacial Melt Water. <i>Annals of Glaciology</i> , 1989, 12, 37-45.	2.8	45
141	Ice stream retreat following the LGM and onset of the west Greenland current in Uummannaq Trough, west Greenland. <i>Quaternary Science Reviews</i> , 2016, 147, 27-46.	1.4	45
142	Massive destabilization of an Arctic ice cap. <i>Earth and Planetary Science Letters</i> , 2018, 502, 146-155.	1.8	45
143	Flow regime of the Lambert Glacier-Amery Ice Shelf system, Antarctica: structural evidence from Landsat imagery. <i>Annals of Glaciology</i> , 1994, 20, 401-406.	2.8	45
144	Quiescent-phase changes in velocity and geometry of Finsterwalderbreen, a surge-type glacier in Svalbard. <i>Annals of Glaciology</i> , 1997, 24, 249-254.	2.8	43

#	ARTICLE	IF	CITATIONS
145	A surge of Perseibreen, Svalbard, examined using aerial photography and ASTER high resolution satellite imagery. <i>Polar Research</i> , 2003, 22, 373-383.	1.6	43
146	Rapid dynamic activation of a marine-based Arctic ice cap. <i>Geophysical Research Letters</i> , 2014, 41, 8902-8909.	1.5	43
147	A new bathymetry of the Northeast Greenland continental shelf: Constraints on glacial and other processes. <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 3733-3753.	1.0	43
148	Late Weichselian depositional processes, fluxes, and sediment volumes on the margins of the Norwegian Sea (62°–75°N). <i>Marine Geology</i> , 2002, 188, 61-77.	0.9	42
149	Submarine landforms and ice-sheet flow in the KvitÅya Trough, northwestern Barents Sea. <i>Quaternary Science Reviews</i> , 2010, 29, 3545-3562.	1.4	42
150	Water throughflow and the physical effects of deformation on sedimentary glacier beds. <i>Journal of Geophysical Research</i> , 1992, 97, 8993-9002.	3.3	41
151	Fast-flowing outlet glaciers on Svalbard ice caps. <i>Geology</i> , 1990, 18, 778.	2.0	40
152	Surge-type glaciers in the Russian High Arctic identified from digital satellite imagery. <i>Journal of Glaciology</i> , 1997, 43, 489-494.	1.1	40
153	Tectonic processes in Svalbard tide-water glacier surges: evidence from structural glaciology. <i>Journal of Glaciology</i> , 1994, 40, 553-560.	1.1	39
154	The spatial and temporal effect of cloud cover on the acquisition of high quality landsat imagery in the European Arctic sector. <i>Remote Sensing of Environment</i> , 1994, 50, 149-160.	4.6	39
155	Glacier thermal regime and suspended-sediment yield: a comparison of two high-Arctic glaciers. <i>Annals of Glaciology</i> , 1997, 24, 32-37.	2.8	39
156	The hydrochemistry of runoff from a "cold-based" glacier in the High Arctic (Scott Turnerbreen,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf		39
157	Discovery of a hypersaline subglacial lake complex beneath Devon Ice Cap, Canadian Arctic. <i>Science Advances</i> , 2018, 4, eaar4353.	4.7	39
158	The Distribution and Character of Sediments in a Tidewater Glacier, Southern Baffin Island, N.W.T., Canada. <i>Arctic and Alpine Research</i> , 1986, 18, 45.	1.3	38
159	A chronology for the Dome C deep ice-core site through radio-echo layer Correlation with the Vostok Ice Core, Antarctica. <i>Geophysical Research Letters</i> , 1998, 25, 1019-1022.	1.5	38
160	Late Quaternary sedimentation in Kejser Franz Joseph Fjord and the continental margin of East Greenland. <i>Geological Society Special Publication</i> , 2002, 203, 149-179.	0.8	38
161	Seismic stratigraphy, sedimentary architecture and palaeo-glaciology of the Mackenzie Trough: evidence for two Quaternary ice advances and limited fan development on the western Canadian Beaufort Sea margin. <i>Quaternary Science Reviews</i> , 2013, 65, 73-87.	1.4	38
162	Modelling rates of sedimentation from icebergs. <i>Geological Society Special Publication</i> , 1990, 53, 121-137.	0.8	37

#	ARTICLE	IF	CITATIONS
163	The size and frequency of icebergs and bergy bits derived from tidewater glaciers in Kongsfjorden, northwest Spitsbergen. <i>Polar Research</i> , 1992, 11, 81-91.	1.6	37
164	Tectonic processes in Svalbard tide-water glacier surges: evidence from structural glaciology. <i>Journal of Glaciology</i> , 1994, 40, 553-560.	1.1	37
165	Numerical Modeling of the Late Weichselian Svalbard-Barents Sea Ice Sheet. <i>Quaternary Research</i> , 1995, 43, 1-13.	1.0	36
166	Ice-sheet dynamics through the Quaternary on the mid-Norwegian continental margin inferred from 3D seismic data. <i>Marine and Petroleum Geology</i> , 2017, 80, 228-242.	1.5	36
167	Processes of glacimarine sedimentation. <i>Progress in Physical Geography</i> , 1987, 11, 52-90.	1.4	35
168	Geometric evolution and ice dynamics during a surge of Bakaninbreen, Svalbard. <i>Journal of Glaciology</i> , 1998, 44, 263-272.	1.1	35
169	Introduction: an Atlas of Submarine Glacial Landforms. <i>Geological Society Memoir</i> , 2016, 46, 3-14.	0.9	35
170	Iceberg calving rates from northern Ellesmere Island ice caps, Canadian Arctic, 1999–2003. <i>Journal of Glaciology</i> , 2008, 54, 391-400.	1.1	34
171	Reconstructing past glacier dynamics and erosion from glacial geomorphic evidence: Snowdon, North Wales. <i>Journal of Quaternary Science</i> , 2010, 4, 115-130.	1.1	34
172	Application of a two-step approach for mapping ice thickness to various glacier types on Svalbard. <i>Cryosphere</i> , 2017, 11, 2003-2032.	1.5	34
173	Morphology and pattern of Quaternary sedimentation in the North Sea Basin (52°–62°N). <i>Marine and Petroleum Geology</i> , 2018, 98, 836-859.	1.5	34
174	Modeling iceberg-rafted sedimentation in high-latitude fjord environments. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	33
175	The duration of the active phase on surge-type glaciers: contrasts between Svalbard and other regions. <i>Journal of Glaciology</i> , 1991, 37, 388-400.	1.1	32
176	Behavior of a Glacier-Derived Suspended Sediment Plume in a Small Arctic Inlet. <i>Journal of Geology</i> , 1991, 99, 111-123.	0.7	32
177	On the architecture of high-latitude continental margins: the influence of ice-sheet and sea-ice processes in the Polar North Atlantic. <i>Geological Society Special Publication</i> , 2002, 203, 33-54.	0.8	32
178	Late Quaternary architecture of trough-mouth fans: debris flows and suspended sediments on the Norwegian margin. <i>Geological Society Special Publication</i> , 2002, 203, 55-71.	0.8	32
179	Micromorphological characteristics of glacimarine sediments: implications for distinguishing genetic processes of massive diamicts. <i>Geo-Marine Letters</i> , 2010, 30, 77-97.	0.5	32
180	The Ice-Free Topography of Svalbard. <i>Geophysical Research Letters</i> , 2018, 45, 11,760.	1.5	32

#	ARTICLE	IF	CITATIONS
181	Delicate seafloor landforms reveal past Antarctic grounding-line retreat of kilometers per year. <i>Science</i> , 2020, 368, 1020-1024.	6.0	32
182	Estimating the contribution of Arctic glaciers to sea-level change in the next 100 years. <i>Annals of Glaciology</i> , 2005, 42, 230-236.	2.8	31
183	The geomorphic imprint of glacier surges into open-marine waters: Examples from eastern Svalbard. <i>Marine Geology</i> , 2017, 392, 1-29.	0.9	31
184	The Eurasian Arctic During the Last Ice Age. <i>American Scientist</i> , 2002, 90, 32.	0.1	31
185	Canyons and late Quaternary sedimentation on the North Norwegian margin. <i>Marine Geology</i> , 2000, 166, 1-9.	0.9	30
186	Morphology and Late Quaternary sedimentation on the North Faeroes slope and abyssal plain, North Atlantic. <i>Marine Geology</i> , 2000, 168, 1-24.	0.9	30
187	The characteristics and formation of a high-Arctic proglacial icing. <i>Geografiska Annaler, Series A: Physical Geography</i> , 2004, 86, 265-275.	0.6	30
188	Clay mineral provenance of sediments in the southern Bellingshausen Sea reveals drainage changes of the West Antarctic Ice Sheet during the Late Quaternary. <i>Marine Geology</i> , 2009, 265, 1-18.	0.9	30
189	Late Quaternary ice flow and sediment delivery through Hinlopen Trough, Northern Svalbard margin: Submarine landforms and depositional fan. <i>Marine Geology</i> , 2011, 284, 13-27.	0.9	30
190	Tracking the provenance of Greenland-sourced, Holocene aged, individual sand-sized ice-rafted debris using the Pb-isotope compositions of feldspars and $^{40}\text{Ar}/^{39}\text{Ar}$ ages of hornblendes. <i>Earth and Planetary Science Letters</i> , 2016, 433, 192-203.	1.8	30
191	The periodic topography of ice stream beds: Insights from the Fourier spectra of mega-scale glacial lineations. <i>Journal of Geophysical Research F: Earth Surface</i> , 2017, 122, 1355-1373.	1.0	30
192	The saturation of LANDSAT MSS detectors over large ice masses. <i>International Journal of Remote Sensing</i> , 1986, 7, 151-164.	1.3	29
193	Devensian glacial sedimentation and landscape evolution in the Cardigan area of southwest Wales. <i>Journal of Quaternary Science</i> , 2001, 16, 455-482.	1.1	29
194	Geophysical investigations of a high-latitude submarine channel system and associated channel-mouth lobe in the Lofoten Basin, Polar North Atlantic. <i>Marine Geology</i> , 2006, 226, 41-50.	0.9	29
195	On The Glaciers of Bylot Island, Nunavut, Arctic Canada. <i>Arctic, Antarctic, and Alpine Research</i> , 2007, 39, 402-411.	0.4	29
196	A new bathymetric compilation for the South Orkney Islands region, Antarctic Peninsula (49°S-39°W). <i>Journal of Geophysics, Geosystems</i> , 2014, 15, 2494-2514.	1.0	29
197	Subglacial processes on an Antarctic ice stream bed. 1: Sediment transport and bedform genesis inferred from marine geophysical data. <i>Journal of Glaciology</i> , 2016, 62, 270-284.	1.1	29
198	Marginal Fluctuations of a Svalbard Surge-Type Tidewater Glacier, Blomstrandbreen, Since the Little Ice Age: A Record of Three Surges. <i>Arctic, Antarctic, and Alpine Research</i> , 2016, 48, 411-426.	0.4	29

#	ARTICLE	IF	CITATIONS
199	Accelerating glacier mass loss on Franz Josef Land, Russian Arctic. <i>Remote Sensing of Environment</i> , 2018, 211, 357-375.	4.6	29
200	A surge of Perseibreen, Svalbard, examined using aerial photography and ASTER high resolution satellite imagery. <i>Polar Research</i> , 2003, 22, 373-383.	1.6	28
201	Antarctic ice-shelf advance driven by anomalous atmospheric and sea-ice circulation. <i>Nature Geoscience</i> , 2022, 15, 356-362.	5.4	28
202	Evidence for Floating Ice Shelves in Franz Josef Land, Russian High Arctic. <i>Arctic and Alpine Research</i> , 1994, 26, 86.	1.3	27
203	Sediment deformation and basal dynamics beneath a glacier surge front: Bakaninbreen, Svalbard. <i>Annals of Glaciology</i> , 1997, 24, 21-26.	2.8	27
204	Large-scale morphological evidence for past ice-stream flow on the mid-Norwegian continental margin. <i>Geological Society Special Publication</i> , 2002, 203, 245-258.	0.8	26
205	Arctic ice caps and glaciers. , 2004, , 527-558.		26
206	Variable history of Quaternary ice-sheet advance across the Beaufort Sea margin, Arctic Ocean. <i>Geology</i> , 2013, 41, 131-134.	2.0	26
207	On the description and modelling of glacial marine sediments and sedimentation. <i>Geological Society Special Publication</i> , 1990, 53, 1-13.	0.8	25
208	Sediment reworking on high-latitude continental margins and its implications for palaeoceanographic studies: insights from the Norwegian-Greenland Sea. <i>Geological Society Special Publication</i> , 2002, 203, 325-348.	0.8	25
209	Relict sea-floor ploughmarks record deep-keeled Antarctic icebergs to 45°S on the Argentine margin. <i>Marine Geology</i> , 2011, 288, 43-48.	0.9	25
210	Recent glacially influenced sedimentary processes on the East Greenland continental slope and deep Greenland Basin. <i>Quaternary Science Reviews</i> , 2012, 49, 64-81.	1.4	25
211	Evidence for multiple Quaternary ice advances and fan development from the Amundsen Gulf cross-shelf trough and slope, Canadian Beaufort Sea margin. <i>Marine and Petroleum Geology</i> , 2014, 52, 125-143.	1.5	25
212	Past water flow beneath Pine Island and Thwaites glaciers, West Antarctica. <i>Cryosphere</i> , 2019, 13, 1959-1981.	1.5	25
213	Multidecadal observations of the Antarctic ice sheet from restored analog radar records. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 18867-18873.	3.3	25
214	Enhanced glacial discharge from the eastern Antarctic Peninsula since the 1700s associated with a positive Southern Annular Mode. <i>Scientific Reports</i> , 2019, 9, 14606.	1.6	25
215	Experimental constraints on shear mixing rates and processes: implications for the dilution of submarine debris flows. <i>Geological Society Special Publication</i> , 2002, 203, 89-103.	0.8	24
216	Sea-floor scour at the mouth of Hudson Strait by deep-keeled icebergs from the Laurentide Ice Sheet. <i>Marine Geology</i> , 2008, 253, 149-159.	0.9	24

#	ARTICLE	IF	CITATIONS
217	Remote sensing of recent glacier changes in the Canadian Arctic. , 2014, , 205-228.		24
218	Mapping submarine glacial landforms using acoustic methods. Geological Society Memoir, 2016, 46, 17-40.	0.9	24
219	Lateral shear-moraines and lateral marginal-moraines of palaeo-ice streams. Quaternary Science Reviews, 2016, 151, 1-26.	1.4	24
220	Quaternary evolution of the northern North Sea margin through glacial debris flow and contourite deposition. Journal of Quaternary Science, 2017, 32, 416-426.	1.1	24
221	Remote sensing of ice cap outlet glacier fluctuations on Nordaustlandet, Svalbard. Polar Research, 1986, 4, 25-32.	1.6	23
222	The Surface Topography of Large Ice Masses from Landsat Imagery. Journal of Glaciology, 1987, 33, 16-23.	1.1	23
223	Structural evolution of a surge-type polythermal glacier: Hessbreen, Svalbard. Annals of Glaciology, 1997, 24, 375-381.	2.8	23
224	Sediment deformation and basal dynamics beneath a glacier surge front: Bakaninbreen, Svalbard. Annals of Glaciology, 1997, 24, 21-26.	2.8	23
225	Subglacial hydrological connectivity within the Byrd Glacier catchment, East Antarctica. Journal of Glaciology, 2014, 60, 345-352.	1.1	23
226	Drainage-Basin Characteristics of Nordaustlandet Ice Caps, Svalbard. Journal of Glaciology, 1986, 32, 31-38.	1.1	22
227	Analysis of ERS-1 Synthetic Aperture Radar data from Nordaustlandet, Svalbard. International Journal of Remote Sensing, 1995, 16, 905-924.	1.3	22
228	What was QUEEN? Its history and international framework?an introduction to its final synthesis issue. Quaternary Science Reviews, 2004, 23, 1225-1227.	1.4	22
229	Submarine landforms and the behavior of a surging ice cap since the last glacial maximum: The open-marine setting of eastern Austfonna, Svalbard. Marine Geology, 2011, 286, 82-94.	0.9	22
230	Subglacial sediment pathways and deglacial chronology of the northern Barents Sea Ice Sheet. Boreas, 2017, 46, 750-771.	1.2	22
231	Seafloor geomorphology and glacial marine sedimentation associated with fast-flowing ice sheet outlet glaciers in Disko Bay, West Greenland. Quaternary Science Reviews, 2017, 169, 206-230.	1.4	22
232	Submarine landforms reveal varying rates and styles of deglaciation in North-West Greenland fjords. Marine Geology, 2018, 402, 60-80.	0.9	22
233	Flow regime of the Lambert Glacier-Amery Ice Shelf system, Antarctica: structural evidence from Landsat imagery. Annals of Glaciology, 1994, 20, 401-406.	2.8	22
234	Place names on the Nordaustlandet ice caps, Svalbard. Polar Record, 1985, 22, 519-523.	0.4	21

#	ARTICLE	IF	CITATIONS
235	The rate of chemical weathering beneath a quiescent, surge-type, polythermal-based glacier, southern Spitsbergen, Svalbard. <i>Annals of Glaciology</i> , 1997, 24, 27-31.	2.8	21
236	Quantifying the Mass Balance of Ice Caps on Severnaya Zemlya, Russian High Arctic. I: Climate and Mass Balance of the Vavilov Ice Cap. <i>Arctic, Antarctic, and Alpine Research</i> , 2006, 38, 1-12.	0.4	21
237	Relative dating of Late Quaternary deposits using cluster and discriminant analysis, Audubon Cirque, Mt. Audubon, Colorado Front Range. <i>Boreas</i> , 1982, 11, 151-161.	1.2	21
238	Generating synthetic fjord bathymetry for coastal Greenland. <i>Cryosphere</i> , 2017, 11, 363-380.	1.5	21
239	Subglacial hydrological control on flow of an Antarctic Peninsula palaeo-ice stream. <i>Cryosphere</i> , 2019, 13, 1583-1596.	1.5	21
240	Glacier-influenced sedimentation on high-latitude continental margins: introduction and overview. <i>Geological Society Special Publication</i> , 2002, 203, 1-9.	0.8	20
241	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
242	Sediment lithofacies, processes and sedimentary models in the Central Bransfield Basin, Antarctic Peninsula, since the Last Glacial Maximum. <i>Marine Geology</i> , 2011, 290, 1-16.	0.9	20
243	ICESHEET 1.0: a program to produce paleo-ice sheet reconstructions with minimal assumptions. <i>Geoscientific Model Development</i> , 2016, 9, 1673-1682.	1.3	20
244	Seismic and Side-Scan Sonar Investigations of Recent Sedimentation in an Ice-Proximal Glacimarine Setting, Kongsfjorden, North-West Spitsbergen.. , 1997, , 175-178.		20
245	Multivariate statistical approaches to the analysis of late Quaternary relative age data. <i>Progress in Physical Geography</i> , 1983, 7, 157-176.	1.4	19
246	Internal radio-echo layering at Vostok station, Antarctica, as an independent stratigraphic control on the ice-core record. <i>Annals of Glaciology</i> , 1998, 27, 360-364.	2.8	19
247	Large-scale development of the mid-Norwegian shelf over the last three million years and potential for hydrocarbon reservoirs in glacial sediments. <i>Geological Society Special Publication</i> , 2012, 368, 53-73.	0.8	19
248	New insights into slide processes and seafloor geology revealed by side-scan imagery of the massive Hinlopen Slide, Arctic Ocean margin. <i>Geo-Marine Letters</i> , 2013, 33, 325-343.	0.5	19
249	Physiographic influences on dense shelf-water cascading down the Antarctic continental slope. <i>Earth-Science Reviews</i> , 2018, 185, 887-900.	4.0	19
250	Remote sensing of ice cap outlet glacier fluctuations on Nordaustlandet, Svalbard. <i>Polar Research</i> , 1986, 4, 25-32.	1.6	18
251	Topographic control on the dynamics of the Svalbard-Barents Sea ice sheet. <i>Global and Planetary Change</i> , 1996, 12, 27-39.	1.6	18
252	Variability in ice motion and dynamic discharge from Devon Ice Cap, Nunavut, Canada. <i>Journal of Glaciology</i> , 2017, 63, 436-449.	1.1	18

#	ARTICLE	IF	CITATIONS
253	Modelling ice-sheet sensitivity to late weichselian environments in the svalbard-barents sea region. <i>Journal of Quaternary Science</i> , 1995, 10, 33-43.	1.1	17
254	Historical Fluctuations of the Matusевич Ice Shelf, Severnaya Zemlya, Russian High Arctic. <i>Arctic, Antarctic, and Alpine Research</i> , 2001, 33, 211-222.	0.4	17
255	Mass balance of Devon Ice Cap, Canadian Arctic. <i>Annals of Glaciology</i> , 2007, 46, 249-254.	2.8	17
256	3D seismic evidence of buried iceberg ploughmarks from the mid-Norwegian continental margin reveals largely persistent North Atlantic Current through the Quaternary. <i>Marine Geology</i> , 2018, 399, 66-83.	0.9	17
257	Submarine Moraines in Southeast Greenland Fjords Reveal Contrasting Outletâ€Glacier Behavior since the Last Glacial Maximum. <i>Geophysical Research Letters</i> , 2019, 46, 3279-3286.	1.5	17
258	Submarine Canyons and Gullies. <i>Springer Geology</i> , 2018, , 251-272.	0.2	17
259	Radio Echo-Sounding of Spitsbergen Glaciers: Problems in the Interpretation of Layer and Bottom Returns. <i>Journal of Glaciology</i> , 1984, 30, 16-21.	1.1	17
260	Modelling the mass balance of northwest Spitsbergen glaciers and responses to climate change. <i>Annals of Glaciology</i> , 1997, 24, 203-210.	2.8	16
261	Comment on Shaw J., Pugin, A. and Young, R. (2008): â€œA meltwater origin for Antarctic shelf bedforms with special attention to megalineationsâ€; <i>Geomorphology</i> 102, 364â€“375. <i>Geomorphology</i> , 2010, 117, 195-198.	1.1	16
262	New insights into the formation of submarine glacial landforms from high-resolution Autonomous Underwater Vehicle data. <i>Geomorphology</i> , 2020, 370, 107396.	1.1	16
263	Dynamics of the Late Weichselian ice sheet on Svalbard inferred from high-resolution sea-floor morphology. <i>Boreas</i> , 2007, 36, 286-306.	1.2	16
264	Quartz sand grain shape and other criteria used to distinguish glacial and non-glacial events in a marine core from Frobisher Bay, Baffin Island, N.W.T., Canada. <i>Sedimentology</i> , 1985, 32, 119-132.	1.6	15
265	Microstructural control of quartz sand grain shape and texture: Implications for the discrimination of debris transport pathways through glaciers. <i>Sedimentary Geology</i> , 1988, 57, 119-129.	1.0	15
266	Intra- and inter-annual variability in dynamic discharge from the Academy of Sciences Ice Cap, Severnaya Zemlya, Russian Arctic, and its role in modulating mass balance. <i>Journal of Glaciology</i> , 2019, 65, 780-797.	1.1	15
267	Arctic Ice Shelves: An Introduction. <i>Springer Polar Sciences</i> , 2017, , 3-21.	0.0	15
268	Applications and limitations of finite element modeling to glaciers: A case study. <i>Journal of Geophysical Research</i> , 1985, 90, 11303-11311.	3.3	14
269	Ice Divides and Drainage Basins on the Ice Caps of Franz Josef Land, Russian High Arctic, Defined from Landsat, KFA-1000, and ERS-1 SAR Satellite Imagery. <i>Arctic and Alpine Research</i> , 1995, 27, 264.	1.3	14
270	Mass balance of the Prince of Wales Icefield, Ellesmere Island, Nunavut, Canada. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	14

#	ARTICLE	IF	CITATIONS
271	Geomorphologic and shallow-acoustic investigation of an Antarctic Peninsula fjord system using high-resolution ROV and shipboard geophysical observations: Ice dynamics and behaviour since the Last Glacial Maximum. <i>Quaternary Science Reviews</i> , 2016, 153, 122-138.	1.4	14
272	Tunnel valley infill and genesis revealed by high-resolution 3-D seismic data. <i>Geology</i> , 2021, 49, 1516-1520.	2.0	14
273	Historical Fluctuations of the Matusевич Ice Shelf, Severnaya Zemlya, Russian High Arctic. <i>Arctic, Antarctic, and Alpine Research</i> , 2001, 33, 211.	0.4	14
274	On the glaciology of EdgeÅya and BarentsÅya, Svalbard. <i>Polar Research</i> , 1995, 14, 105-122.	1.6	14
275	Geophysical investigations of ice-sheet internal layering and deformation in the Dome C region of central East Antarctica. <i>Journal of Glaciology</i> , 2000, 46, 161-166.	1.1	13
276	3D sedimentary architecture showing the inception of an Ice Age. <i>Nature Communications</i> , 2020, 11, 2975.	5.8	13
277	Calibrating the Late Ordovician glaciation and mass extinction by the eccentricity cycles of Earth's orbit. <i>Geology</i> , 2000, 28, 967-970.	2.0	13
278	Late Quaternary Chronology for the Watts Bay Area, Frobisher Bay, Southern Baffin Island, N.W.T., Canada. <i>Arctic and Alpine Research</i> , 1984, 16, 311.	1.3	12
279	Remote-Sensing Studies of KvitÅyjkulen, an Ice Cap on KvitÅya, North-East Svalbard. <i>Journal of Glaciology</i> , 1990, 36, 75-81.	1.1	12
280	Comments on: "6000-year climate records in an ice core from the HÅghetta ice dome in northern Spitsbergen". <i>Journal of Glaciology</i> , 1990, 36, 353-356.	1.1	12
281	Quantifying the Mass Balance of Ice Caps on Severnaya Zemlya, Russian High Arctic. III: Sensitivity of Ice Caps in Severnaya Zemlya to Future Climate Change. <i>Arctic, Antarctic, and Alpine Research</i> , 2006, 38, 21-33.	0.4	12
282	Micromorphology of diamicton affected by iceberg-keel scouring, Scoresby Sund, East Greenland. <i>Quaternary Science Reviews</i> , 2016, 152, 169-196.	1.4	12
283	The role of meltwater in high-latitude trough-mouth fan development: The Disko Trough-Mouth Fan, West Greenland. <i>Marine Geology</i> , 2018, 402, 17-32.	0.9	12
284	Surge-type glaciers in the Russian High Arctic identified from digital satellite imagery. <i>Journal of Glaciology</i> , 1997, 43, 489-494.	1.1	12
285	Modelling the influence of glacial isostasy on Late Weichselian ice-sheet growth in the Barents Sea. <i>Journal of Quaternary Science</i> , 2000, 15, 475-486.	1.1	11
286	Long-term record of Barents Sea Ice Sheet advance to the shelf edge from a 140,000 year record. <i>Quaternary Science Reviews</i> , 2016, 150, 55-66.	1.4	11
287	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, 135, 103-114.	1.4	11
288	Deep and extensive meltwater system beneath the former Eurasian Ice Sheet in the Kara Sea. <i>Geology</i> , 2020, 48, 179-183.	2.0	11

#	ARTICLE	IF	CITATIONS
289	Water Mass Characteristics and Distribution Adjacent to Larsen C Ice Shelf, Antarctica. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2019JC015855.	1.0	11
290	Spatial variations in heat at the base of the Antarctic ice sheet from analysis of the thermal regime above subglacial lakes. <i>Journal of Glaciology</i> , 1996, 42, 501-509.	1.1	11
291	Structural evolution of a surge-type polythermal glacier: Hessbreen, Svalbard. <i>Annals of Glaciology</i> , 1997, 24, 375-381.	2.8	11
292	On the glaciology of Edgeøya and Barentsøya, Svalbard. <i>Polar Research</i> , 1995, 14, 105-122.	1.6	10
293	Quiescent-phase changes in velocity and geometry of Finsterwalderbreen, a surge-type glacier in Svalbard. <i>Annals of Glaciology</i> , 1997, 24, 249-254.	2.8	10
294	Dynamic instability of marine-terminating glacier basins of Academy of Sciences Ice Cap, Russian High Arctic. <i>Annals of Glaciology</i> , 2012, 53, 193-201.	2.8	10
295	Characterizing near-surface firn using the scattered signal component of the glacier surface return from airborne radio-echo sounding. <i>Geophysical Research Letters</i> , 2016, 43, 12,502.	1.5	10
296	Sedimentary processes on the continental slope off Kvitøya and Albertini troughs north of Nordaustlandet, Svalbard – The importance of structural-geological setting in trough-mouth fan development. <i>Marine Geology</i> , 2018, 402, 194-208.	0.9	10
297	Architecture and sedimentary processes on the mid-Norwegian continental slope: A 2.7 Myr record from extensive seismic evidence. <i>Quaternary Science Reviews</i> , 2018, 192, 185-207.	1.4	10
298	Morphometry of bedrock meltwater channels on Antarctic inner continental shelves: Implications for channel development and subglacial hydrology. <i>Geomorphology</i> , 2020, 370, 107369.	1.1	10
299	Glacial, fluvial and contour-current-derived sedimentation along the northern North Sea margin through the Quaternary. <i>Earth and Planetary Science Letters</i> , 2021, 566, 116966.	1.8	10
300	Crag-and-tail features: convergent ice flow through Eclipse Sound, Baffin Island, Arctic Canada. <i>Geological Society Memoir</i> , 2016, 46, 55-56.	0.9	9
301	Late Weichselian ice-sheet flow directions in the Russian northern Barents Sea from high-resolution imagery of submarine glacial landforms. <i>Geology</i> , 2021, 49, 1484-1488.	2.0	9
302	Deep Pleistocene iceberg plowmarks on the Yermak Plateau: Sidescan and 3.5 kHz evidence for thick calving ice fronts and a possible marine ice sheet in the Arctic Ocean. <i>Geology</i> , 1995, 23, 476.	2.0	9
303	The rate of chemical weathering beneath a quiescent, surge-type, polythermal-based glacier, southern Spitsbergen, Svalbard. <i>Annals of Glaciology</i> , 1997, 24, 27-31.	2.8	9
304	Glacier thermal regime and suspended-sediment yield: a comparison of two high-Arctic glaciers. <i>Annals of Glaciology</i> , 1997, 24, 32-37.	2.8	9
305	Instruments and methods: Submersible remotely operated vehicles (ROVs) for investigations of the glacier-ocean-sediment interface. <i>Journal of Glaciology</i> , 1996, 42, 176-183.	1.1	8
306	Radio-echo layering in West Antarctica: a spreadsheet dataset. <i>Earth Surface Processes and Landforms</i> , 2005, 30, 1583-1591.	1.2	8

#	ARTICLE	IF	CITATIONS
307	Quantifying the Mass Balance of Ice Caps on Severnaya Zemlya, Russian High Arctic. II: Modeling the Flow of the Vavilov Ice Cap under the Present Climate. <i>Arctic, Antarctic, and Alpine Research</i> , 2006, 38, 13-20.	0.4	8
308	Possible "lift-off moraines" at grounded ice-sheet margins, North Norwegian shelf edge. <i>Geological Society Memoir</i> , 2016, 46, 247-248.	0.9	8
309	Huge iceberg ploughmarks and associated corrugation ridges on the northern Svalbard shelf. <i>Geological Society Memoir</i> , 2016, 46, 269-270.	0.9	8
310	Three cross-shelf troughs on the continental shelf of SW Greenland from Olex data. <i>Geological Society Memoir</i> , 2016, 46, 167-168.	0.9	8
311	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.	1.4	8
312	Submarine Glacial Landforms. <i>Springer Geology</i> , 2018, , 207-234.	0.2	8
313	Glacial landforms reveal dynamic ice-sheet behaviour along the mid-Norwegian margin during the last glacial-deglacial cycle. <i>Quaternary Science Reviews</i> , 2022, 285, 107462.	1.4	8
314	Glacial landform assemblages in Spitsbergen fjords from the last full-glacial, deglaciation and the late Holocene. <i>Geological Society Memoir</i> , 2016, 46, 147-150.	0.9	7
315	Eskers formed at the beds of modern surge-type tidewater glaciers in Spitsbergen. <i>Geological Society Memoir</i> , 2016, 46, 83-84.	0.9	7
316	Processes and patterns of glacier-influenced sedimentation and recent tidewater glacier dynamics in Darbel Bay, western Antarctic Peninsula. <i>Antarctic Science</i> , 2019, 31, 218-227.	0.5	7
317	The changing extent of marine-terminating glaciers and ice caps in northeastern Svalbard since the "Little Ice Age" from marine-geophysical records. <i>Holocene</i> , 2020, 30, 389-401.	0.9	7
318	Eurasian Arctic Ice Shelves and Tidewater Ice Margins. <i>Springer Polar Sciences</i> , 2017, , 55-74.	0.0	7
319	The Dynamics of Austfonna, Nordaustlandet, Svalbard: Surface Velocities, Mass Balance, and Subglacial Melt Water. <i>Annals of Glaciology</i> , 1989, 12, 37-45.	2.8	7
320	A simple visualization method for distinguishing subglacial-bed and side-wall returns in radio-echo records from outlet and valley glaciers. <i>Journal of Glaciology</i> , 2003, 49, 463-468.	1.1	6
321	Little Ice Age terminal and retreat moraines in Kollerfjorden, NW Spitsbergen. <i>Geological Society Memoir</i> , 2016, 46, 71-72.	0.9	6
322	Mega-scale glacial lineations in Marguerite Trough, Antarctic Peninsula. <i>Geological Society Memoir</i> , 2016, 46, 175-176.	0.9	6
323	Submarine glacial-landform distribution across the West Greenland margin: a fjord "shelf" slope transect through the Uummannaq system (70°-71° N). <i>Geological Society Memoir</i> , 2016, 46, 453-460.	0.9	6
324	Channels and gullies on the continental slope seaward of a cross-shelf trough, Labrador margin, eastern Canada. <i>Geological Society Memoir</i> , 2016, 46, 385-386.	0.9	6

#	ARTICLE	IF	CITATIONS
325	Submarine glacial-landform distribution along an Antarctic Peninsula palaeo-ice stream: a shelfâ€“slope transect through the Marguerite Trough system (66â€“70â€“ S). Geological Society Memoir, 2016, 46, 485-492.	0.9	6
326	Sea-floor and sea-ice conditions in the western Weddell Sea, Antarctica, around the wreck of Sir Ernest Shackleton's <i>Endurance</i> . Antarctic Science, 2020, 32, 301-313.	0.5	6
327	Failure and flow on a 35â€“ slope: Causes and three-dimensional observations. Earth Surface Processes and Landforms, 1988, 13, 737-746.	1.2	5
328	Workshop explores debris transported by icebergs and paleoenvironmental implications. Eos, 2001, 82, 382-382.	0.1	5
329	On the Meteorological Instruments and Observations Made during the 19th Century Exploration of the Canadian Northwest Passage. Arctic, Antarctic, and Alpine Research, 2006, 38, 454-464.	0.4	5
330	Glossary of glaciated continental margins and related geoscience methods ^{â€“}. Geological Society Memoir, 2016, 46, 555-574.	0.9	5
331	Nordvestfjord: a major East Greenland fjord system. Geological Society Memoir, 2016, 46, 43-44.	0.9	5
332	Possible iceberg-produced submarine terraces in Hambergbukta, Spitsbergen. Geological Society Memoir, 2016, 46, 101-102.	0.9	5
333	Stratified glacimarine basin-fills in West Greenland fjords. Geological Society Memoir, 2016, 46, 99-100.	0.9	5
334	Submarine Debris Flows on Glacier-Influenced Margins: GLORIA Imagery of the Bear Island Fan. , 1997, , 118-119.		5
335	Distinctive iceberg ploughmarks on the mid-Norwegian margin: Tidally influenced chains of pits with implications for iceberg drift. Arctic, Antarctic, and Alpine Research, 2022, 54, 163-175.	0.4	5
336	Supraglacial Re-Sedimentation from Melt-Water Streams on to Snow Overlying Glacier Ice, SylgjujÃ¶kull, West VatnajÃ¶kull, Iceland. Journal of Glaciology, 1982, 28, 365-375.	1.1	4
337	Terminal and recessional moraines in the fjords of southern Chile. Geological Society Memoir, 2016, 46, 65-66.	0.9	4
338	Unusual iceberg ploughmarks on the Norwegian continental shelf. Geological Society Memoir, 2016, 46, 283-284.	0.9	4
339	Grounding-zone wedges on the western Svalbard shelf. Geological Society Memoir, 2016, 46, 233-234.	0.9	4
340	Landforms characteristic of inter-ice stream settings on the Norwegian and Svalbard continental margins. Geological Society Memoir, 2016, 46, 437-444.	0.9	4
341	Submarine landform assemblage for Svalbard surge-type tidewater glaciers. Geological Society Memoir, 2016, 46, 151-154.	0.9	4
342	Glacigenic debris-flows on the Bear Island Trough-Mouth Fan, Barents Sea margin. Geological Society Memoir, 2016, 46, 367-368.	0.9	4

#	ARTICLE	IF	CITATIONS
343	The glacier-influenced marine record on high-latitude continental margins: synergies between modern, Quaternary and ancient evidence. <i>Geological Society Special Publication</i> , 2019, 475, 261-279.	0.8	4
344	A historical Southern Ocean climate dataset from whaling ships' logbooks. <i>Geoscience Data Journal</i> , 2019, 6, 30-40.	1.8	4
345	Subglacial controls on dynamic thinning at Trinity-Wykeham Glacier, Prince of Wales Ice Field, Canadian Arctic. <i>International Journal of Remote Sensing</i> , 2020, 41, 1191-1213.	1.3	4
346	Ice-Rafted Debris (IRD). <i>Encyclopedia of Earth Sciences Series</i> , 0, , 471-473.	0.1	4
347	An adaptive-grid finite-volume model of glacier-terminus fluctuations. <i>Annals of Glaciology</i> , 1996, 23, 86-93.	2.8	3
348	Iceberg Scours: Records from Broad and Narrow-Beam Acoustic Systems. , 1997, , 27-28.		3
349	Late Weichselian ice-sheet sensitivity over Franz Josef Land, Russian High Arctic, from numerical modelling experiments. <i>Boreas</i> , 1995, 24, 207-224.	1.2	3
350	Glacially related gullies on the upper continental slope, SW Barents Sea margin. <i>Geological Society Memoir</i> , 2016, 46, 381-382.	0.9	3
351	Assemblage of glacial and related landforms in the fjords of southern Chile. <i>Geological Society Memoir</i> , 2016, 46, 131-134.	0.9	3
352	Debris-flow lobes on the distal flanks of terminal moraines in Spitsbergen fjords. <i>Geological Society Memoir</i> , 2016, 46, 77-78.	0.9	3
353	Lateral ice-stream shear-margin moraines on north Norwegian shelves. <i>Geological Society Memoir</i> , 2016, 46, 191-192.	0.9	3
354	Submarine medial moraines and convergent ice flow, Scott Inlet, Baffin Island, Arctic Canada. <i>Geological Society Memoir</i> , 2016, 46, 193-194.	0.9	3
355	A subglacial landform assemblage on the outer shelf of M'Clure Strait, Canadian Arctic, ploughed by iceberg keels. <i>Geological Society Memoir</i> , 2016, 46, 337-340.	0.9	3
356	A glacier-influenced turbidite system and associated landform assemblage in the Greenland Basin and adjacent continental slope. <i>Geological Society Memoir</i> , 2016, 46, 461-468.	0.9	3
357	Subglacial meltwater channels in Marguerite Trough, western Antarctic Peninsula. <i>Geological Society Memoir</i> , 2016, 46, 215-216.	0.9	3
358	Pockmarks in the fjords of Chilean Patagonia. <i>Geological Society Memoir</i> , 2016, 46, 109-110.	0.9	3
359	Three-dimensional seismic imagery of deeply buried iceberg ploughmarks in North Sea sediments. <i>Geological Society Memoir</i> , 2016, 46, 291-292.	0.9	3
360	Comments on: '6000-year climate records in an ice core from the HÅghetta ice dome in northern Spitsbergen'. <i>Journal of Glaciology</i> , 1990, 36, 353-356.	1.1	3

#	ARTICLE	IF	CITATIONS
361	Unravelling the long-term, locally heterogenous response of Greenland glaciers observed in archival photography. <i>Cryosphere</i> , 2022, 16, 2449-2470.	1.5	3
362	Current-modified recessional-moraine ridges on the NW Spitsbergen shelf. <i>Geological Society Memoir</i> , 2016, 46, 255-256.	0.9	2
363	Ice-proximal fans in Dexterity Fjord, Buchan Gulf, Baffin Island, Canadian Arctic. <i>Geological Society Memoir</i> , 2016, 46, 89-90.	0.9	2
364	Large sediment drifts on the upper continental rise west of the Antarctic Peninsula. <i>Geological Society Memoir</i> , 2016, 46, 401-402.	0.9	2
365	Canyons and slides on the continental slope seaward of a shallow bank, Labrador margin, eastern Canada. <i>Geological Society Memoir</i> , 2016, 46, 405-406.	0.9	2
366	Skjoldryggen terminal moraine on the mid-Norwegian shelf. <i>Geological Society Memoir</i> , 2016, 46, 249-250.	0.9	2
367	Deeply buried glacial debris-flows imaged in 3D seismic data from early Quaternary sediments of the northern North Sea. <i>Geological Society Memoir</i> , 2016, 46, 369-370.	0.9	2
368	Submarine slides from the walls of Smeerenburgfjorden, NW Svalbard. <i>Geological Society Memoir</i> , 2016, 46, 105-106.	0.9	2
369	Seismic character of possible buried grounding-zone wedges in the Late Ordovician glacial rocks of Algeria. <i>Geological Society Memoir</i> , 2016, 46, 245-246.	0.9	2
370	The Håkon Mosby Mud Volcano. , 2003, , 119-122.		2
371	Supraglacial Re-Sedimentation from Melt-Water Streams on to Snow Overlying Glacier Ice, Sylgjujökull, West Vatnajökull, Iceland. <i>Journal of Glaciology</i> , 1982, 28, 365-375.	1.1	2
372	A Multi-Sensor Approach to the Interpretation of Radar Altimeter Wave Forms from Two Arctic Ice Caps. <i>Annals of Glaciology</i> , 1987, 9, 60-68.	2.8	2
373	The Norwegian Margin. , 2003, , 19-30.		2
374	Remote-Sensing Studies of Kvitjökulen, an Ice Cap on Kvitjokya, North-East Svalbard. <i>Journal of Glaciology</i> , 1990, 36, 75-81.	1.1	2
375	Subglacial Water Flow Over an Antarctic Palaeo-ice Stream Bed. <i>Journal of Geophysical Research F: Earth Surface</i> , 2022, 127, .	1.0	2
376	The morphology of pockmarks on the north-east Antarctic Peninsula continental shelf. <i>Antarctic Science</i> , 2022, 34, 313-324.	0.5	2
377	Dynamic former ice sheets. <i>Nature</i> , 1990, 346, 795-796.	13.7	1
378	High resolution imagery from the Russian KATE-200 satellite camera: morphology and dynamics of ice masses in the European high Arctic. <i>International Journal of Remote Sensing</i> , 1996, 17, 3343-3356.	1.3	1

#	ARTICLE	IF	CITATIONS
379	Glacial Geology: Ice Sheets and Landforms M.R. Bennett & N.F. Glasser John Wiley, Chichester (1996). 364 pages. £19.99. ISBN 0 471 96345 3.. Antarctic Science, 1997, 9, 366-367.	0.5	1
380	Mapping seabird nesting habitats in Franz Josef Land, Russian High Arctic, using digital Landsat Thematic Mapper imagery. Polar Research, 1998, 17, 15-30.	1.6	1
381	Ice Sheets and Marine Sedimentation on High-Latitude Continental Margins. , 0, , 153-159.		1
382	Malangsdjupet: a cross-shelf trough on the North Norwegian margin. Geological Society Memoir, 2016, 46, 169-170.	0.9	1
383	Mud volcanoes and ice-keel ploughmarks, Beaufort Sea shelf, Arctic Canada. Geological Society Memoir, 2016, 46, 299-300.	0.9	1
384	Ice-sculpted bedrock in channels of the Canadian Arctic Archipelago. Geological Society Memoir, 2016, 46, 59-60.	0.9	1
385	Large, buried glacial moraines revealed by TOPAS sub-bottom profiling, South Orkney Islands, South Atlantic Ocean. Geological Society Memoir, 2016, 46, 251-252.	0.9	1
386	Rhomboidal crevasse-fill ridges at the marine margin of a surging Svalbard ice cap. Geological Society Memoir, 2016, 46, 73-74.	0.9	1
387	Assemblages of submarine landforms in the glacial troughs of the northern Barents Sea, east of Svalbard. Geological Society Memoir, 2016, 46, 333-336.	0.9	1
388	Geomorphology of the huge Hinlopen "Yermak landslide on the northern Svalbard margin. Geological Society Memoir, 2016, 46, 415-416.	0.9	1
389	A set of grounding-zone wedges in Vestfjorden, North Norway. Geological Society Memoir, 2016, 46, 229-230.	0.9	1
390	Fan-like sediments on outer Haltenbanken, mid-Norwegian shelf. Geological Society Memoir, 2016, 46, 223-224.	0.9	1
391	Canyons and slope instability on the Lofoten "Vester "len continental margin, North Norway. Geological Society Memoir, 2016, 46, 407-408.	0.9	1
392	3D seismic imagery of mega-scale glacial lineations and flow-switching by ice streams on the Norwegian continental shelf. Geological Society Memoir, 2016, 46, 181-182.	0.9	1
393	A tidewater glacier landform assemblage in Belcher Inlet, Canadian Arctic. Geological Society Memoir, 2016, 46, 155-158.	0.9	1
394	Submarine gullies and an axial channel in glacier-influenced Courtauld Fjord, East Greenland. Geological Society Memoir, 2016, 46, 103-104.	0.9	1
395	Buried mega-scale glacial lineations in the Norwegian Channel from 3D seismic imagery. Geological Society Memoir, 2016, 46, 179-180.	0.9	1
396	Solute provenance, transport and denudation in a high arctic glacierized catchment. Hydrological Processes, 1997, 11, 1813-1832.	1.1	1

#	ARTICLE	IF	CITATIONS
397	Permafrost - The frozen earth: fundamentals of geocryology. Peter J. Williams and Michael W. Smith 1989. Cambridge, Cambridge University Press. 306 p, illustrated, hard cover. ISBN 0-521-36534-1. Â£37.50 or US\$65.00.. Polar Record, 1990, 26, 59-60.	0.4	0
398	All Kinds of Ice - The growth and decay of ice. G. S. H. Lock 1990. Cambridge, Cambridge University Press. 434 p, illustrated, hard cover. ISBN 0-521-33133-1. Â£65.00, US\$100.00. Polar Record, 1991, 27, 264-264.	0.4	0
399	Ice Age Earth: Late Quaternary Geology & Climate. Alastair G. Dawson. 1992. London and New York: Routledge. 293 p, illustrated, soft cover. ISBN 0-415-01567-7. US\$25.00.. Polar Record, 1993, 29, 158-159.	0.4	0
400	Cold Climate Landforms. D.J.A. Evans (Editor). 1994. Chichester: Wiley, xvi + 526 p, illustrated, hard cover. ISBN 0-471-94043-7. Â£95.00.. Polar Record, 1995, 31, 436-437.	0.4	0
401	Title is missing!. Geological Magazine, 1995, 132, 750-751.	0.9	0
402	Chapter 22 Modern glaciers and climate change. Geological Society Memoir, 1997, 17, 436-448.	0.9	0
403	Doctoral Thesis - Doktoravhandling. Norsk Geografisk Tidsskrift, 2000, 54, 193-193.	0.3	0
404	A. P. Lisitzin, 2002. Sea-ice and iceberg sedimentation in the ocean: recent and past. Berlin and Heidelberg, Springer-Verlag. xii + 564 pp. ISBN 3540679650, hardback. Â£154/US\$239/ â,-199.95.. Journal of Glaciology, 2004, 50, 462-462.	1.1	0
405	Giant ploughmarks on the South Patagonian continental margin produced by Antarctic icebergs. Geological Society Memoir, 2016, 46, 273-274.	0.9	0
406	Streamlined ridges and depressions in the glacial sediments of the Arendal Terrace, Norwegian Skagerrak. Geological Society Memoir, 2016, 46, 205-206.	0.9	0
407	Landform assemblage produced by ice-grounding events on the Yermak Plateau. Geological Society Memoir, 2016, 46, 329-332.	0.9	0
408	Grounding-zone wedges on the West Greenland shelf imaged from multibeam and seismic data. Geological Society Memoir, 2016, 46, 235-236.	0.9	0
409	Pleistocene iceberg dynamics on the west Svalbard margin: Evidence from bathymetric and sub-bottom profiler data. Quaternary Science Reviews, 2017, 161, 30-44.	1.4	0
410	Morphology and Acoustic Character of the Middle and Lower North Sea Fan. , 2003, , 71-75.		0
411	Debris Flow Activity on the Bear Island Trough Mouth Fan from GLORIA and 3.5 kHz Records. , 2003, , 77-81.		0
412	Canyon and Channel Systems in the Lofoten Basin, Norwegian Margin. , 2003, , 93-97.		0
413	Large-Scale Slides on the North Norwegian Margin Imaged by GLORIA. , 2003, , 37-43.		0
414	Erratum for Le Heron & Dowdeswell, Journal of the Geological Society, London, 166 (2) 277â€“281. Calculating ice volumes and ice flux to constrain the dimensions of a 440 Ma North African ice sheet. Journal of the Geological Society, 2009, 166, 825-825.	0.9	0

#	ARTICLE	IF	CITATIONS
415	An adaptive-grid finite-volume model of glacier-terminus fluctuations. <i>Annals of Glaciology</i> , 1996, 23, 86-93.	2.8	0
416	Instruments and methods: Submersible remotely operated vehicles (ROVs) for investigations of the glacier-ocean-sediment interface. <i>Journal of Glaciology</i> , 1996, 42, 176-183.	1.1	0
417	Structure-From-Motion With Varying Principal Point. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2022, 19, 1-5.	1.4	0