

Julian A Dowdeswell

List of Publications by Year in descending order

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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	Subglacial Water Flow Over an Antarctic Palaeo-ice Stream Bed. <i>Journal of Geophysical Research F: Earth Surface</i> , 2022, 127, .	1.0	2
2	Antarctic ice-shelf advance driven by anomalous atmospheric and sea-ice circulation. <i>Nature Geoscience</i> , 2022, 15, 356-362.	5.4	28
3	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
4	The morphology of pockmarks on the north-east Antarctic Peninsula continental shelf. <i>Antarctic Science</i> , 2022, 34, 313-324.	0.5	2
5	Structure-From-Motion With Varying Principal Point. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2022, 19, 1-5.	1.4	0
6	Unravelling the long-term, locally heterogenous response of Greenland glaciers observed in archival photography. <i>Cryosphere</i> , 2022, 16, 2449-2470.	1.5	3
7	Distinctive iceberg ploughmarks on the mid-Norwegian margin: Tidally influenced chains of pits with implications for iceberg drift. <i>Arctic, Antarctic, and Alpine Research</i> , 2022, 54, 163-175.	0.4	5
8	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
9	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
10	Tunnel valley infill and genesis revealed by high-resolution 3-D seismic data. <i>Geology</i> , 2021, 49, 1516-1520.	2.0	14
11	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
12	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
13	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
14	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
15	3D sedimentary architecture showing the inception of an Ice Age. <i>Nature Communications</i> , 2020, 11, 2975.	5.8	13
16	The International Bathymetric Chart of the Arctic Ocean Version 4.0. <i>Scientific Data</i> , 2020, 7, 176.	2.4	129
17	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
18	Delicate seafloor landforms reveal past Antarctic grounding-line retreat of kilometers per year. <i>Science</i> , 2020, 368, 1020-1024.	6.0	32

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19	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
20	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
21	Sea-floor and sea-ice conditions in the western Weddell Sea, Antarctica, around the wreck of Sir Ernest Shackleton's <i>Endurance</i> . <i>Antarctic Science</i> , 2020, 32, 301-313.	0.5	6
22	Past water flow beneath Pine Island and Thwaites glaciers, West Antarctica. <i>Cryosphere</i> , 2019, 13, 1959-1981.	1.5	25
23	Subglacial hydrological control on flow of an Antarctic Peninsula palaeo-ice stream. <i>Cryosphere</i> , 2019, 13, 1583-1596.	1.5	21
24	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
25	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
26	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
27	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
28	A historical Southern Ocean climate dataset from whaling ships' logbooks. <i>Geoscience Data Journal</i> , 2019, 6, 30-40.	1.8	4
29	Submarine Moraines in Southeast Greenland Fjords Reveal Contrasting Outlet Glacier Behavior since the Last Glacial Maximum. <i>Geophysical Research Letters</i> , 2019, 46, 3279-3286.	1.5	17
30	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
31	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
32	Discovery of a hypersaline subglacial lake complex beneath Devon Ice Cap, Canadian Arctic. <i>Science Advances</i> , 2018, 4, eaar4353.	4.7	39
33	Accelerating glacier mass loss on Franz Josef Land, Russian Arctic. <i>Remote Sensing of Environment</i> , 2018, 211, 357-375.	4.6	29
34	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
35	Submarine landforms reveal varying rates and styles of deglaciation in North-West Greenland fjords. <i>Marine Geology</i> , 2018, 402, 60-80.	0.9	22
36	Sedimentary processes on the continental slope off KvitÅya 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

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37	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
38	The Ice-Free Topography of Svalbard. <i>Geophysical Research Letters</i> , 2018, 45, 11,760.	1.5	32
39	Massive destabilization of an Arctic ice cap. <i>Earth and Planetary Science Letters</i> , 2018, 502, 146-155.	1.8	45
40	Physiographic influences on dense shelf-water cascading down the Antarctic continental slope. <i>Earth-Science Reviews</i> , 2018, 185, 887-900.	4.0	19
41	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
42	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
43	Submarine Glacial Landforms. <i>Springer Geology</i> , 2018, , 207-234.	0.2	8
44	Submarine Canyons and Gullies. <i>Springer Geology</i> , 2018, , 251-272.	0.2	17
45	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
46	Pleistocene iceberg dynamics on the west Svalbard margin: Evidence from bathymetric and sub-bottom profiler data. <i>Quaternary Science Reviews</i> , 2017, 161, 30-44.	1.4	0
47	Quaternary evolution of the northern North Sea margin through glacial debris-flow and contourite deposition. <i>Journal of Quaternary Science</i> , 2017, 32, 416-426.	1.1	24
48	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
49	Anatomy of Heinrich Layer 1 and its role in the last deglaciation. <i>Paleoceanography</i> , 2017, 32, 284-303.	3.0	128
50	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
51	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
52	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
53	Subglacial sediment pathways and deglacial chronology of the northern Barents Sea Ice Sheet. <i>Boreas</i> , 2017, 46, 750-771.	1.2	22
54	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

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55	Seafloor geomorphology and glacial marine sedimentation associated with fast-flowing ice sheet outlet glaciers in Disko Bay, West Greenland. <i>Quaternary Science Reviews</i> , 2017, 169, 206-230.	1.4	22
56	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
57	Generating synthetic fjord bathymetry for coastal Greenland. <i>Cryosphere</i> , 2017, 11, 363-380.	1.5	21
58	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
59	Arctic Ice Shelves: An Introduction. <i>Springer Polar Sciences</i> , 2017, , 3-21.	0.0	15
60	Eurasian Arctic Ice Shelves and Tidewater Ice Margins. <i>Springer Polar Sciences</i> , 2017, , 55-74.	0.0	7
61	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
62	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
63	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
64	Malangsdjupet: a cross-shelf trough on the North Norwegian margin. <i>Geological Society Memoir</i> , 2016, 46, 169-170.	0.9	1
65	Current-modified recessional-moraine ridges on the NW Spitsbergen shelf. <i>Geological Society Memoir</i> , 2016, 46, 255-256.	0.9	2
66	Introduction: an Atlas of Submarine Glacial Landforms. <i>Geological Society Memoir</i> , 2016, 46, 3-14.	0.9	35
67	Glossary of glaciated continental margins and related geoscience methods. <i>Geological Society Memoir</i> , 2016, 46, 555-574.	0.9	5
68	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
69	Glacially related gullies on the upper continental slope, SW Barents Sea margin. <i>Geological Society Memoir</i> , 2016, 46, 381-382.	0.9	3
70	Assemblage of glacial and related landforms in the fjords of southern Chile. <i>Geological Society Memoir</i> , 2016, 46, 131-134.	0.9	3
71	Mud volcanoes and ice-keel ploughmarks, Beaufort Sea shelf, Arctic Canada. <i>Geological Society Memoir</i> , 2016, 46, 299-300.	0.9	1
72	Giant ploughmarks on the South Patagonian continental margin produced by Antarctic icebergs. <i>Geological Society Memoir</i> , 2016, 46, 273-274.	0.9	0

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73	Crag-and-tail features: convergent ice flow through Eclipse Sound, Baffin Island, Arctic Canada. Geological Society Memoir, 2016, 46, 55-56.	0.9	9
74	Ice-sculpted bedrock in channels of the Canadian Arctic Archipelago. Geological Society Memoir, 2016, 46, 59-60.	0.9	1
75	Terminal and recessional moraines in the fjords of southern Chile. Geological Society Memoir, 2016, 46, 65-66.	0.9	4
76	Little Ice Age terminal and retreat moraines in Kollerfjorden, NW Spitsbergen. Geological Society Memoir, 2016, 46, 71-72.	0.9	6
77	Nordvestfjord: a major East Greenland fjord system. Geological Society Memoir, 2016, 46, 43-44.	0.9	5
78	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
79	Rhombohedral crevasse-fill ridges at the marine margin of a surging Svalbard ice cap. Geological Society Memoir, 2016, 46, 73-74.	0.9	1
80	Debris-flow lobes on the distal flanks of terminal moraines in Spitsbergen fjords. Geological Society Memoir, 2016, 46, 77-78.	0.9	3
81	Mega-scale glacial lineations in Marguerite Trough, Antarctic Peninsula. Geological Society Memoir, 2016, 46, 175-176.	0.9	6
82	Ice-proximal fans in Dexterity Fjord, Buchan Gulf, Baffin Island, Canadian Arctic. Geological Society Memoir, 2016, 46, 89-90.	0.9	2
83	Glacial landform assemblages in Spitsbergen fjords from the last full-glacial, deglaciation and the late Holocene. Geological Society Memoir, 2016, 46, 147-150.	0.9	7
84	Characterizing near-surface firn using the scattered signal component of the glacier surface return from airborne radio-echo sounding. Geophysical Research Letters, 2016, 43, 12,502.	1.5	10
85	Geomorphic 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. Quaternary Science Reviews, 2016, 153, 122-138.	1.4	14
86	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
87	Mapping submarine glacial landforms using acoustic methods. Geological Society Memoir, 2016, 46, 17-40.	0.9	24
88	Geomorphology of the huge Hinlopen-Yermak landslide on the northern Svalbard margin. Geological Society Memoir, 2016, 46, 415-416.	0.9	1
89	Unusual iceberg ploughmarks on the Norwegian continental shelf. Geological Society Memoir, 2016, 46, 283-284.	0.9	4
90	Streamlined ridges and depressions in the glacial sediments of the Arendal Terrace, Norwegian Skagerrak. Geological Society Memoir, 2016, 46, 205-206.	0.9	0

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91	Grounding-zone wedges on the western Svalbard shelf. Geological Society Memoir, 2016, 46, 233-234.	0.9	4
92	Large sediment drifts on the upper continental rise west of the Antarctic Peninsula. Geological Society Memoir, 2016, 46, 401-402.	0.9	2
93	Canyons and slides on the continental slope seaward of a shallow bank, Labrador margin, eastern Canada. Geological Society Memoir, 2016, 46, 405-406.	0.9	2
94	Lateral ice-stream shear-margin moraines on north Norwegian shelves. Geological Society Memoir, 2016, 46, 191-192.	0.9	3
95	A set of grounding-zone wedges in Vestfjorden, North Norway. Geological Society Memoir, 2016, 46, 229-230.	0.9	1
96	Submarine medial moraines and convergent ice flow, Scott Inlet, Baffin Island, Arctic Canada. Geological Society Memoir, 2016, 46, 193-194.	0.9	3
97	A subglacial landform assemblage on the outer shelf of M'Clure Strait, Canadian Arctic, ploughed by iceberg keels. Geological Society Memoir, 2016, 46, 337-340.	0.9	3
98	A glacier-influenced turbidite system and associated landform assemblage in the Greenland Basin and adjacent continental slope. Geological Society Memoir, 2016, 46, 461-468.	0.9	3
99	Submarine glacial-landform distribution across the West Greenland margin: a fjordâ€šshelfâ€šslope transect through the Uummannaq system (70â€š71Â° N). Geological Society Memoir, 2016, 46, 453-460.	0.9	6
100	Fan-like sediments on outer Haltenbanken, mid-Norwegian shelf. Geological Society Memoir, 2016, 46, 223-224.	0.9	1
101	Channels and gullies on the continental slope seaward of a cross-shelf trough, Labrador margin, eastern Canada. Geological Society Memoir, 2016, 46, 385-386.	0.9	6
102	Landforms characteristic of inter-ice stream settings on the Norwegian and Svalbard continental margins. Geological Society Memoir, 2016, 46, 437-444.	0.9	4
103	Landform assemblage produced by ice-grounding events on the Yermak Plateau. Geological Society Memoir, 2016, 46, 329-332.	0.9	0
104	Subglacial meltwater channels in Marguerite Trough, western Antarctic Peninsula. Geological Society Memoir, 2016, 46, 215-216.	0.9	3
105	Submarine glacial-landform distribution along an Antarctic Peninsula palaeo-ice stream: a shelfâ€šslope transect through the Marguerite Trough system (66â€š70Â° S). Geological Society Memoir, 2016, 46, 485-492.	0.9	6
106	Possible â€šlift-off morainesâ€š™ at grounded ice-sheet margins, North Norwegian shelf edge. Geological Society Memoir, 2016, 46, 247-248.	0.9	8
107	Canyons and slope instability on the Lofotenâ€šVesterÃ¥len continental margin, North Norway. Geological Society Memoir, 2016, 46, 407-408.	0.9	1
108	Huge iceberg ploughmarks and associated corrugation ridges on the northern Svalbard shelf. Geological Society Memoir, 2016, 46, 269-270.	0.9	8

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109	Grounding-zone wedges on the West Greenland shelf imaged from multibeam and seismic data. Geological Society Memoir, 2016, 46, 235-236.	0.9	0
110	Skjoldryggen terminal moraine on the mid-Norwegian shelf. Geological Society Memoir, 2016, 46, 249-250.	0.9	2
111	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
112	Deeply buried glacial debris-flows imaged in 3D seismic data from early Quaternary sediments of the northern North Sea. Geological Society Memoir, 2016, 46, 369-370.	0.9	2
113	Possible iceberg-produced submarine terraces in Hambergbukta, Spitsbergen. Geological Society Memoir, 2016, 46, 101-102.	0.9	5
114	A tidewater glacier landform assemblage in Belcher Inlet, Canadian Arctic. Geological Society Memoir, 2016, 46, 155-158.	0.9	1
115	Pockmarks in the fjords of Chilean Patagonia. Geological Society Memoir, 2016, 46, 109-110.	0.9	3
116	Submarine landform assemblage for Svalbard surge-type tidewater glaciers. Geological Society Memoir, 2016, 46, 151-154.	0.9	4
117	Submarine slides from the walls of Smeerenburgfjorden, NW Svalbard. Geological Society Memoir, 2016, 46, 105-106.	0.9	2
118	Submarine gullies and an axial channel in glacier-influenced Courtauld Fjord, East Greenland. Geological Society Memoir, 2016, 46, 103-104.	0.9	1
119	Buried mega-scale glacial lineations in the Norwegian Channel from 3D seismic imagery. Geological Society Memoir, 2016, 46, 179-180.	0.9	1
120	Eskers formed at the beds of modern surge-type tidewater glaciers in Spitsbergen. Geological Society Memoir, 2016, 46, 83-84.	0.9	7
121	Stratified glacial basin-fills in West Greenland fjords. Geological Society Memoir, 2016, 46, 99-100.	0.9	5
122	Three cross-shelf troughs on the continental shelf of SW Greenland from Olex data. Geological Society Memoir, 2016, 46, 167-168.	0.9	8
123	Seismic character of possible buried grounding-zone wedges in the Late Ordovician glacial rocks of Algeria. Geological Society Memoir, 2016, 46, 245-246.	0.9	2
124	Glacial debris-flows on the Bear Island Trough-Mouth Fan, Barents Sea margin. Geological Society Memoir, 2016, 46, 367-368.	0.9	4
125	Three-dimensional seismic imagery of deeply buried iceberg ploughmarks in North Sea sediments. Geological Society Memoir, 2016, 46, 291-292.	0.9	3
126	Deglaciation of a major palaeo-ice stream in Disko Trough, West Greenland. Quaternary Science Reviews, 2016, 147, 5-26.	1.4	62

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127	Lateral shear-moraines and lateral marginal-moraines of palaeo-ice streams. <i>Quaternary Science Reviews</i> , 2016, 151, 1-26.	1.4	24
128	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
129	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
130	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
131	Micromorphology of diamicton affected by iceberg-keel scouring, Scoresby Sund, East Greenland. <i>Quaternary Science Reviews</i> , 2016, 152, 169-196.	1.4	12
132	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
133	Ice stream retreat following the LGM and onset of the west Greenland current in Uummanaq Trough, west Greenland. <i>Quaternary Science Reviews</i> , 2016, 147, 27-46.	1.4	45
134	Tracking the provenance of Greenland-sourced, Holocene aged, individual sand-sized ice-rafted debris using the Pb-isotope compositions of feldspars and 40 Ar/ 39 Ar ages of hornblendes. <i>Earth and Planetary Science Letters</i> , 2016, 433, 192-203.	1.8	30
135	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
136	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
137	Ice-sheet grounding-zone wedges (GZWs) on high-latitude continental margins. <i>Marine Geology</i> , 2015, 363, 65-92.	0.9	142
138	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
139	Basal topographic controls on rapid retreat of Humboldt Glacier, northern Greenland. <i>Journal of Glaciology</i> , 2015, 61, 137-150.	1.1	52
140	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
141	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
142	Rapid dynamic activation of a marine-based Arctic ice cap. <i>Geophysical Research Letters</i> , 2014, 41, 8902-8909.	1.5	43
143	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
144	Late Quaternary ice flow in a West Greenland fjord and cross-shelf trough system: submarine landforms from Rink Isbrae to Uummanaq shelf and slope. <i>Quaternary Science Reviews</i> , 2014, 92, 292-309.	1.4	91

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145	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
146	Arctic Ocean glacial history. <i>Quaternary Science Reviews</i> , 2014, 92, 40-67.	1.4	184
147	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
148	Remote sensing of recent glacier changes in the Canadian Arctic. , 2014, , 205-228.		24
149	A new bathymetric compilation for the South Orkney Islands region, Antarctic Peninsula (49°S–39°W) Tj ETQq1 1 0.784314 rgBT Geophysics, Geosystems, 2014, 15, 2494-2514.	1.0	29
150	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
151	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
152	The physiography of High Arctic cross-shelf troughs. <i>Quaternary Science Reviews</i> , 2014, 92, 68-96.	1.4	106
153	Subglacial hydrological connectivity within the Byrd Glacier catchment, East Antarctica. <i>Journal of Glaciology</i> , 2014, 60, 345-352.	1.1	23
154	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
155	Geomorphic signature of Antarctic submarine gullies: Implications for continental slope processes. <i>Marine Geology</i> , 2013, 337, 112-124.	0.9	48
156	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
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