

Ruediger Stein

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135
papers

7,282
citations

46
h-index

83
g-index

156
ext. papers

8,176
ext. citations

5.8
avg, IF

5.79
L-index

#	Paper	IF	Citations
135	Late Quaternary ice sheet history of northern Eurasia. <i>Quaternary Science Reviews</i> , 2004 , 23, 1229-1271	3.9	1062
134	Subtropical Arctic Ocean temperatures during the Palaeocene/Eocene thermal maximum. <i>Nature</i> , 2006 , 441, 610-3	50.4	489
133	The Cenozoic palaeoenvironment of the Arctic Ocean. <i>Nature</i> , 2006 , 441, 601-5	50.4	400
132	Episodic fresh surface waters in the Eocene Arctic Ocean. <i>Nature</i> , 2006 , 441, 606-9	50.4	234
131	Holocene cooling culminates in sea ice oscillations in Fram Strait. <i>Quaternary Science Reviews</i> , 2012 , 47, 1-14	3.9	165
130	Variability of sea-ice conditions in the Fram Strait over the past 30,000 years. <i>Nature Geoscience</i> , 2009 , 2, 772-776	18.3	160
129	Arctic Ocean glacial history. <i>Quaternary Science Reviews</i> , 2014 , 92, 40-67	3.9	149
128	Organic carbon, carbonate, and clay mineral distributions in eastern central Arctic Ocean surface sediments. <i>Marine Geology</i> , 1994 , 119, 269-285	3.3	144
127	Towards quantitative sea ice reconstructions in the northern North Atlantic: A combined biomarker and numerical modelling approach. <i>Earth and Planetary Science Letters</i> , 2011 , 306, 137-148	5.3	125
126	Organic carbon content/sedimentation rate relationship and its paleoenvironmental significance for marine sediments. <i>Geo-Marine Letters</i> , 1990 , 10, 37-44	1.9	120
125	LATE CENOZOIC HISTORY OF THE POLAR NORTH ATLANTIC: RESULTS FROM OCEAN DRILLING. <i>Quaternary Science Reviews</i> , 1998 , 17, 185-208	3.9	117
124	HISTORY OF A STABLE ICE MARGIN EAST GREENLAND DURING THE MIDDLE AND UPPER PLEISTOCENE. <i>Quaternary Science Reviews</i> , 1998 , 17, 77-123	3.9	110
123	Clay-mineral distribution in surface sediments of the Eurasian Arctic Ocean and continental margin as indicator for source areas and transport pathways & synthesis. <i>Boreas</i> , 1999 , 28, 215-233	2.4	106
122	Modern seasonal variability and deglacial/Holocene change of central Arctic Ocean sea-ice cover: New insights from biomarker proxy records. <i>Earth and Planetary Science Letters</i> , 2012 , 351-352, 123-133	5.3	97
121	Accumulation of organic-carbon-rich sediments in the Late Jurassic and Cretaceous Atlantic Ocean & synthesis. <i>Chemical Geology</i> , 1986 , 56, 1-32	4.2	97
120	Anoxia and high primary production in the Paleogene central Arctic Ocean: First detailed records from Lomonosov Ridge. <i>Geophysical Research Letters</i> , 2006 , 33, n/a-n/a	4.9	96
119	Late Pliocene changes in the North Atlantic Current. <i>Earth and Planetary Science Letters</i> , 2010 , 298, 434-442	3.5	91

118	High-resolution record of late glacial and deglacial sea ice changes in Fram Strait corroborates ice-ocean interactions during abrupt climate shifts. <i>Earth and Planetary Science Letters</i> , 2014 , 403, 446-455	5.3	90
117	Repeated Pleistocene glaciation of the East Siberian continental margin. <i>Nature Geoscience</i> , 2013 , 6, 842-846	18.3	89
116	Modern organic carbon deposition in the Laptev Sea and the adjacent continental slope: surface water productivity vs. terrigenous input. <i>Organic Geochemistry</i> , 1997 , 26, 379-390	3.1	89
115	Stable isotope stratigraphy, sedimentation rates, and salinity changes in the Latest Pleistocene to Holocene eastern central Arctic Ocean. <i>Marine Geology</i> , 1994 , 119, 333-355	3.3	89
114	Variability of surface water characteristics and Heinrich-like events in the Pleistocene midlatitude North Atlantic Ocean: Biomarker and XRD records from IODP Site U1313 (MIS 16B). <i>Paleoceanography</i> , 2009 , 24, n/a-n/a		88
113	A multiproxy approach to reconstruct the environmental changes along the Eurasian continental margin over the last 150 000 years. <i>Marine Geology</i> , 2000 , 163, 317-344	3.3	87
112	Biomarkers as organic-carbon-source and environmental indicators in the Late Quaternary Arctic Ocean: problems and perspectives. <i>Marine Chemistry</i> , 1999 , 63, 293-309	3.7	86
111	Arctic Ocean evidence for late Quaternary initiation of northern Eurasian ice sheets. <i>Geology</i> , 1997 , 25, 783	5	84
110	Strengthening of North American dust sources during the late Pliocene (2.7 Ma). <i>Earth and Planetary Science Letters</i> , 2012 , 317-318, 8-19	5.3	83
109	Evidence for ice-free summers in the late Miocene central Arctic Ocean. <i>Nature Communications</i> , 2016 , 7, 11148	17.4	80
108	Late Quaternary growth and decay of the Svalbard/Barents Sea ice sheet and paleoceanographic evolution in the adjacent Arctic Ocean. <i>Geo-Marine Letters</i> , 1998 , 18, 195-202	1.9	76
107	Detailed mineralogical evidence for two nearly identical glacial/deglacial cycles and Atlantic water advection to the Arctic Ocean during the last 90,000 years. <i>Global and Planetary Change</i> , 2001 , 31, 23-44	4.2	76
106	Organic carbon and sedimentation rate: Further evidence for anoxic deep-water conditions in the Cenomanian/Turonian Atlantic Ocean. <i>Marine Geology</i> , 1986 , 72, 199-209	3.3	73
105	Rapid grain-size analyses of clay and silt fraction by SediGraph 5000D; comparison with Coulter counter and Atterberg methods. <i>Journal of Sedimentary Research</i> , 1985 , 55, 590-593	2.1	70
104	Late Quaternary glacial-interglacial changes in sediment composition at the East Greenland continental margin and their paleoceanographic implications. <i>Marine Geology</i> , 1995 , 122, 243-262	3.3	69
103	Sea ice and millennial-scale climate variability in the Nordic seas 90 kyr ago to present. <i>Nature Communications</i> , 2016 , 7, 12247	17.4	68
102	GLACIAL AND OCEANIC HISTORY OF THE POLAR NORTH ATLANTIC MARGINS: AN OVERVIEW. <i>Quaternary Science Reviews</i> , 1998 , 17, 1-10	3.9	67
101	Pliocene palaeoceanography of the Arctic Ocean and subarctic seas. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2009 , 367, 21-48	3	64

100	Appraisal of TEX86 and . <i>Geochimica Et Cosmochimica Acta</i> , 2014 , 131, 213-226	5.5	63
99	Biomarker distributions in surface sediments from the Kara and Laptev seas (Arctic Ocean): indicators for organic-carbon sources and sea-ice coverage. <i>Quaternary Science Reviews</i> , 2013 , 79, 40-52	3.9	63
98	Holocene variability in sea ice cover, primary production, and Pacific-Water inflow and climate change in the Chukchi and East Siberian Seas (Arctic Ocean). <i>Journal of Quaternary Science</i> , 2017 , 32, 362-379	2.3	62
97	Arctic Ocean sea ice cover during the penultimate glacial and the last interglacial. <i>Nature Communications</i> , 2017 , 8, 373	17.4	60
96	Late Quaternary dinoflagellate cyst stratigraphy at the Eurasian continental margin, Arctic Ocean: indications for Atlantic water inflow in the past 150,000 years. <i>Global and Planetary Change</i> , 2001 , 31, 65-86	4.2	58
95	New aspects of organic carbon deposition and its paleoceanographic implications along the Northern Barents Sea Margin during the last 30,000 years. <i>Paleoceanography</i> , 1998 , 13, 384-394		57
94	Arctic warming interrupts the Transpolar Drift and affects long-range transport of sea ice and ice-rafted matter. <i>Scientific Reports</i> , 2019 , 9, 5459	4.9	56
93	Sea-ice distribution in the modern Arctic Ocean: Biomarker records from trans-Arctic Ocean surface sediments. <i>Geochimica Et Cosmochimica Acta</i> , 2015 , 155, 16-29	5.5	55
92	The Greenland-Norwegian Seaway: A key area for understanding Late Jurassic to Early Cretaceous paleoenvironments. <i>Paleoceanography</i> , 2003 , 18, n/a-n/a		54
91	Biomarker proxy shows potential for studying the entire Quaternary Arctic sea ice history. <i>Organic Geochemistry</i> , 2013 , 55, 98-102	3.1	49
90	Paleogene biomarker records from the central Arctic Ocean (Integrated Ocean Drilling Program Expedition 302): Organic carbon sources, anoxia, and sea surface temperature. <i>Paleoceanography</i> , 2008 , 23, n/a-n/a		47
89	Sea surface temperatures did not control the first occurrence of Hudson Strait Heinrich Events during MIS 16. <i>Paleoceanography</i> , 2011 , 26,		44
88	Mid to late Holocene strengthening of the East Greenland Current linked to warm subsurface Atlantic water. <i>Quaternary Science Reviews</i> , 2015 , 129, 296-307	3.9	42
87	Late neogene changes of paleoclimate and paleoproductivity off northwest africa (D.S.D.P. Site 397). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1985 , 49, 47-59	2.9	42
86	Effects of Arctic freshwater forcing on thermohaline circulation during the Pleistocene. <i>Geology</i> , 2007 , 35, 1075	5	41
85	Lipid distribution in surface sediments from the eastern central Arctic Ocean. <i>Marine Geology</i> , 1997 , 138, 11-25	3.3	40
84	Aliphatic lipids in recent sediments of the Fram Strait/Yermak Plateau (Arctic Ocean): composition, sources and transport processes. <i>Marine Chemistry</i> , 2004 , 88, 127-160	3.7	40
83	Particulate organic matter in surface sediments of the Laptev Sea (Arctic Ocean): application of maceral analysis as organic-carbon-source indicator. <i>Marine Geology</i> , 2000 , 162, 573-586	3.3	40

82	Sea ice variability in the southern Norwegian Sea during glacial Dansgaard-Oeschger climate cycles. <i>Science Advances</i> , 2019 , 5, eaau6174	14.3	39
81	Black shale formation in the late Paleocene/early Eocene Arctic Ocean and paleoenvironmental conditions: New results from a detailed organic petrological study. <i>Marine and Petroleum Geology</i> , 2009 , 26, 416-426	4.7	38
80	Upper Cretaceous/lower Tertiary black shales near the North Pole: Organic-carbon origin and source-rock potential. <i>Marine and Petroleum Geology</i> , 2007 , 24, 67-73	4.7	38
79	Surface water productivity and paleoceanographic implications in the Cenozoic Arctic Ocean. <i>Paleoceanography</i> , 2008 , 23, n/a-n/a		37
78	Siberian river run-off and Late Quaternary glaciation in the southern Kara Sea, Arctic Ocean: preliminary results. <i>Polar Research</i> , 2002 , 21, 315-322	2	34
77	Sedimentation rates in the Makarov Basin, central Arctic Ocean: A paleomagnetic and rock magnetic approach. <i>Paleoceanography</i> , 2001 , 16, 368-389		34
76	High-resolution IP25-based reconstruction of sea-ice variability in the western North Pacific and Bering Sea during the past 18,000 years. <i>Geo-Marine Letters</i> , 2016 , 36, 101-111	1.9	32
75	Variability in modern sea surface temperature, sea ice and terrigenous input in the sub-polar North Pacific and Bering Sea: Reconstruction from biomarker data. <i>Organic Geochemistry</i> , 2013 , 57, 54-64	3.1	32
74	Dynamics and timing of the Hinlopen/Yermak Megaslide north of Spitsbergen, Arctic Ocean. <i>Marine Geology</i> , 2008 , 250, 34-50	3.3	31
73	Short-term variability in late Holocene sea ice cover on the East Greenland Shelf and its driving mechanisms. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017 , 485, 336-350	2.9	30
72	MIS 3 to MIS 1 temporal and LGM spatial variability in Arctic Ocean sea ice cover: Reconstruction from biomarkers. <i>Paleoceanography</i> , 2015 , 30, 969-983		29
71	Late Quaternary glacial history and short-term ice-rafted debris fluctuations along the East Greenland continental margin. <i>Geological Society Special Publication</i> , 1996 , 111, 135-151	1.7	28
70	Evidence of 'Mid-Pliocene (~3 Ma) global warmth' in the eastern Arctic Ocean and implications for the Svalbard/Barents Sea ice sheet during the late Pliocene and early Pleistocene (~3-1.7 Ma). <i>Boreas</i> , 2002 , 31, 82-93	2.4	25
69	A revised Early Miocene age for the instigation of the Eirik Drift, offshore southern Greenland: Evidence from high-resolution seismic reflection data. <i>Marine Geology</i> , 2013 , 340, 1-15	3.3	24
68	Evaluation and modelling of Tertiary source rocks in the central Arctic Ocean. <i>Marine and Petroleum Geology</i> , 2009 , 26, 1624-1639	4.7	23
67	Tracking nutrient and productivity variations over the Last Deglaciation in the Arctic Ocean. <i>Paleoceanography</i> , 2001 , 16, 199-211		23
66	Late Quaternary changes in sediment composition on the NE Greenland margin (~73°N) with a focus on the fjords and shelf. <i>Boreas</i> , 2016 , 45, 381-397	2.4	23
65	Atlantic Water advection vs. glacier dynamics in northern Spitsbergen since early deglaciation. <i>Climate of the Past</i> , 2017 , 13, 1717-1749	3.9	22

64	Glacial freshwater discharge events recorded by authigenic neodymium isotopes in sediments from the Mendeleev Ridge, western Arctic Ocean. <i>Earth and Planetary Science Letters</i> , 2013 , 369-370, 148-157	5.3	22
63	Holocene paleoenvironmental implications of diatom and organic carbon records from the southeastern Kara Sea (Siberian Margin). <i>Quaternary Research</i> , 2004 , 62, 256-266	1.9	22
62	Organic matter deposition along the Kara and Laptev Seas continental margin (eastern Arctic Ocean) during last deglaciation and Holocene: evidence from organic geochemical and petrographical data. <i>Marine Geology</i> , 2002 , 183, 67-87	3.3	21
61	Triggering of the Hinlopen/Yermak Megaslide in relation to paleoceanography and climate history of the continental margin north of Spitsbergen. <i>Geochemistry, Geophysics, Geosystems</i> , 2007 , 8, n/a-n/a	3.6	20
60	Late Jurassic to Early Cretaceous black shale formation and paleoenvironment in high northern latitudes: Examples from the Norwegian-Greenland Seaway. <i>Paleoceanography</i> , 2003 , 18, n/a-n/a		20
59	Late cenozoic records of eolian quartz flux in the Sea of Japan (ODP Leg 128, Sites 798 and 799) and paleoclimate in Asia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1994 , 108, 523-535	2.9	20
58	Late quaternary organic carbon cycles and paleoproductivity in the Labrador Sea. <i>Geo-Marine Letters</i> , 1991 , 11, 90-95	1.9	18
57	Glacial shortcut of Arctic sea-ice transport. <i>Earth and Planetary Science Letters</i> , 2012 , 357-358, 257-267	5.3	17
56	Untangling the influence of in-lake productivity and terrestrial organic matter flux on 4,250 years of mercury accumulation in Lake Hambre, Southern Chile. <i>Journal of Paleolimnology</i> , 2013 , 49, 563-573	2.1	17
55	Seasonal sea ice cover during the warm Pliocene: Evidence from the Iceland Sea (ODP Site 907). <i>Earth and Planetary Science Letters</i> , 2018 , 481, 61-72	5.3	16
54	Paleoenvironment and sea-level change in the early Cretaceous Barents Sea: Implications from near-shore marine sapropels. <i>Geo-Marine Letters</i> , 2003 , 23, 34-42	1.9	15
53	Late Neogene evolution of paleoclimate and paleoceanic circulation in the Northern and Southern Hemispheres - A comparison. <i>Geologische Rundschau: Zeitschrift Fur Allgemeine Geologie</i> , 1986 , 75, 125-138		15
52	Glacial episodes of a freshwater Arctic Ocean covered by a thick ice shelf. <i>Nature</i> , 2021 , 590, 97-102	50.4	15
51	Holocene changes in sea-ice cover and polynya formation along the eastern North Greenland shelf: New insights from biomarker records. <i>Quaternary Science Reviews</i> , 2020 , 231, 106173	3.9	14
50	The potential of sedimentary ancient DNA for reconstructing past sea ice evolution. <i>ISME Journal</i> , 2019 , 13, 2566-2577	11.9	14
49	Paläoklima und paläozeanische Verhältnisse im SW-Pazifik während der letzten 6 Millionen Jahre (DSDP - Site 594, Chatham Rücken, östlich Neuseeland). <i>Geologische Rundschau: Zeitschrift Fur Allgemeine Geologie</i> , 1991 , 80, 535-556		14
48	Natural variability of the Arctic Ocean sea ice during the present interglacial. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 26069-26075	11.5	14
47	Intraplate volcanism off South Greenland: caused by glacial rebound?. <i>Geophysical Journal International</i> , 2012 , 190, 1-7	2.6	13

46	Terrigenous events and climate history of the Sophia Basin, Arctic Ocean. <i>Geochemistry, Geophysics, Geosystems</i> , 2008 , 9, n/a-n/a	3.6	13
45	North Atlantic paleoceanography: The last five million years. <i>Eos</i> , 2006 , 87, 129	1.5	13
44	Authigenic zeolites and their relation to silica diagenesis in ODP Site 661 sediments (Leg 108, Eastern Equatorial Atlantic). <i>Geologische Rundschau: Zeitschrift Fur Allgemeine Geologie</i> , 1989 , 78, 779-792		13
43	The post-Eocene sediment record of DSDP Site 366: Implications for African climate and plate tectonic drift. <i>Memoir of the Geological Society of America</i> , 1985 , 305-316		13
42	A multi-model CMIP6-PMIP4 study of Arctic sea ice at 127 ka: sea ice data compilation and model differences. <i>Climate of the Past</i> , 2021 , 17, 37-62	3.9	12
41	Sea-ice variability in the subarctic North Pacific and adjacent Bering Sea during the past 25 ka: new insights from IP25 and Uk ³⁷ proxy records. <i>Arktos</i> , 2018 , 4, 1	0.9	11
40	Wahlenbergfjord, eastern Svalbard: a glacier-surrounded fjord reflecting regional hydrographic variability during the Holocene?. <i>Boreas</i> , 2018 , 47, 1003-1021	2.4	10
39	The Late Mesozoic-Cenozoic Arctic Ocean Climate and Sea Ice History: A Challenge for Past and Future Scientific Ocean Drilling. <i>Paleoceanography and Paleoclimatology</i> , 2019 , 34, 1851-1894	3.3	10
38	Exploring the long-term Cenozoic Arctic Ocean climate history: a challenge within the International Ocean Discovery Program (IODP). <i>Arktos</i> , 2015 , 1, 1	0.9	10
37	Organic Carbon in Arctic Ocean Sediments: Sources, Variability, Burial, and Paleoenvironmental Significance 2004 , 169-314		10
36	Provenance and characteristics of rocks from the Yermak Plateau, Arctic Ocean: Petrographic, geochemical and geochronological constraints. <i>Marine Geology</i> , 2013 , 343, 125-145	3.3	9
35	High benthic bacteria standing stock in deep Arctic basins. <i>Polar Biology</i> , 1994 , 14, 423	2	9
34	Quaternary organic carbon cycles in the Japan Sea (ODP-site 798) and their paleoceanographic implications. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1994 , 108, 509-521	2.9	9
33	Holocene Interactions Between Glacier Retreat, Sea Ice Formation, and Atlantic Water Advection at the Inner Northeast Greenland Continental Shelf. <i>Paleoceanography and Paleoclimatology</i> , 2020 , 35, e2020PA0084019	2.3	9
32	On the causes of Arctic sea ice in the warm Early Pliocene. <i>Scientific Reports</i> , 2019 , 9, 989	4.9	8
31	Variability of fluvial sediment supply to the Laptev Sea continental margin during Late Weichselian to Holocene times: implications from clay mineral records. <i>International Journal of Earth Sciences</i> , 2000 , 89, 592-604	2.2	8
30	Expedition gives fresh view of central Arctic geology. <i>Eos</i> , 1999 , 80, 465	1.5	8
29	Glacial history of East Greenland explored. <i>Eos</i> , 1995 , 76, 353-353	1.5	8

28	Holocene variability in sea ice and primary productivity in the northeastern Baffin Bay. <i>Arktos</i> , 2020 , 6, 55-73	0.9	7
27	Cenozoic Arctic Ocean Climate History: Some Highlights from the Integrated Ocean Drilling Program Arctic Coring Expedition. <i>Developments in Marine Geology</i> , 2014 , 7, 259-293		7
26	Clay minerals as indicators of late quaternary sedimentation constraints in the Mendeleev Rise, Amerasian Basin, Arctic Ocean. <i>Lithology and Mineral Resources</i> , 2014 , 49, 103-116	0.7	7
25	Clay-mineral and grain-size distributions in surface sediments of the White Sea (Arctic Ocean): indicators of sediment sources and transport processes. <i>Geo-Marine Letters</i> , 2010 , 30, 605-616	1.9	7
24	Environmental variability off NE Greenland (western Fram Strait) during the past 10,600 years. <i>Holocene</i> , 2020 , 30, 1752-1766	2.6	7
23	Recent benthic foraminifera in the Arctic Ocean and Kara Sea continental margin. <i>Arktos</i> , 2015 , 1, 1	0.9	6
22	Evidence for Holocene centennial variability in sea ice cover based on IP25 biomarker reconstruction in the southern Kara Sea (Arctic Ocean). <i>Geo-Marine Letters</i> , 2017 , 37, 515-526	1.9	5
21	Rapid reductions and millennial-scale variability in Nordic Seas sea ice cover during abrupt glacial climate changes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 29478-29486	11.5	5
20	Changes in the composition of marine and sea-ice diatoms derived from sedimentary ancient DNA of the eastern Fram Strait over the past 30 000 years. <i>Ocean Science</i> , 2020 , 16, 1017-1032	4	4
19	Scientists Spend Arctic Winter Adrift on Sea Ice. <i>Eos</i> , 2016 , 97,	1.5	4
18	Biomarker Distributions in (Sub)-Arctic Surface Sediments and Their Potential for Sea Ice Reconstructions. <i>Geochemistry, Geophysics, Geosystems</i> , 2020 , 21, e2019GC008629	3.6	4
17	Deglacial to Holocene variability in surface water characteristics and major floods in the Beaufort Sea. <i>Communications Earth & Environment</i> , 2020 , 1,	6.1	4
16	A global climatology of the ocean surface during the Last Glacial Maximum mapped on a regular grid (GLOMAP). <i>Climate of the Past</i> , 2021 , 17, 805-824	3.9	4
15	An Arctic Ocean paleosalinity proxy from $\delta^2\text{H}$ of palmitic acid provides evidence for deglacial Mackenzie River flood events. <i>Quaternary Science Reviews</i> , 2018 , 198, 76-90	3.9	4
14	Paleo-sea ice distribution and polynya variability on the Kara Sea shelf during the last 12 ka. <i>Arktos</i> , 2018 , 4, 1	0.9	2
13	New insights into sea ice changes over the past 2.2 kyr in Disko Bugt, West Greenland. <i>Arktos</i> , 2018 , 4, 1	0.9	2
12	Inference on Paleoclimate Change Using Microbial Habitat Preference in Arctic Holocene Sediments. <i>Scientific Reports</i> , 2017 , 7, 9652	4.9	2
11	The great challenges in Arctic Ocean paleoceanography. <i>IOP Conference Series: Earth and Environmental Science</i> , 2011 , 14, 012001	0.3	2

10	Atlantic water inflow to Labrador Sea and its interaction with ice sheet dynamics during the Holocene. <i>Quaternary Science Reviews</i> , 2021 , 256, 106833	3.9	2
9	Distribution and Sources of Organic Matter in Surface Sediments of the Northern Bering and Chukchi Seas by Using Bulk and Tetraether Proxies. <i>Journal of Ocean University of China</i> , 2019 , 18, 563-572	1.2	1
8	Evidence of Mid-Pliocene (3 Ma) global warmth in the eastern Arctic Ocean and implications for the Svalbard/Barents Sea ice sheet during the late Pliocene and early Pleistocene (3–1.7 Ma). <i>Boreas</i> , 2008 , 31, 82-93	2.4	1
7	Reply to: No freshwater-filled glacial Arctic Ocean.. <i>Nature</i> , 2022 , 602, E4-E6	50.4	1
6	Influence of Early Low-Temperature and Later High-Temperature Diagenesis on Magnetic Mineral Assemblages in Marine Sediments From the Nankai Trough. <i>Geochemistry, Geophysics, Geosystems</i> , 2021 , 22, e2021GC010133	3.6	1
5	Holocene Environmental Variability in the Arctic Gateway. <i>SpringerBriefs in Earth System Sciences</i> , 2015 , 37-42	1	1
4	Sedimentary records of bulk organic matter and lipid biomarkers in the Bering Sea: A centennial perspective of sea-ice variability and phytoplankton community. <i>Marine Geology</i> , 2020 , 429, 106308	3.3	1
3	Potential and limitation of ²³⁰ Th-excess as a chronostratigraphic tool for late Quaternary Arctic Ocean sediment studies: An example from the Southern Lomonosov Ridge. <i>Marine Geology</i> , 2022 , 448, 106802	3.3	1
2	Introduction: Environmental Change, Processes and Effects—New Insights From Integrated Ocean Drilling Program (2003–2013). <i>Developments in Marine Geology</i> , 2014 , 7, 255-258		
1	Challenges in selecting sites for Arctic Ocean drilling. <i>Eos</i> , 2012 , 93, 237-237	1.5	