

# Ruediger Stein

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Reply to: No freshwater-filled glacial Arctic Ocean.. <i>Nature</i> , <b>2022</b> , 602, E4-E6	50.4	1
134	Potential and limitation of <sup>230</sup> Th-excess as a chronostratigraphic tool for late Quaternary Arctic Ocean sediment studies: An example from the Southern Lomonosov Ridge. <i>Marine Geology</i> , <b>2022</b> , 448, 106802	3.3	1
133	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> , <b>2021</b> , 22, e2021GC010133	3.6	1
132	Atlantic water inflow to Labrador Sea and its interaction with ice sheet dynamics during the Holocene. <i>Quaternary Science Reviews</i> , <b>2021</b> , 256, 106833	3.9	2
131	A global climatology of the ocean surface during the Last Glacial Maximum mapped on a regular grid (GLOMAP). <i>Climate of the Past</i> , <b>2021</b> , 17, 805-824	3.9	4
130	Glacial episodes of a freshwater Arctic Ocean covered by a thick ice shelf. <i>Nature</i> , <b>2021</b> , 590, 97-102	50.4	15
129	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> , <b>2021</b> , 17, 37-62	3.9	12
128	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> , <b>2020</b> , 231, 106173	3.9	14
127	Holocene variability in sea ice and primary productivity in the northeastern Baffin Bay. <i>Arktos</i> , <b>2020</b> , 6, 55-73	0.9	7
126	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> , <b>2020</b> , 117, 29478-29486	11.5	5
125	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> , <b>2020</b> , 16, 1017-1032	4	4
124	Holocene Interactions Between Glacier Retreat, Sea Ice Formation, and Atlantic Water Advection at the Inner Northeast Greenland Continental Shelf. <i>Paleoceanography and Paleoclimatology</i> , <b>2020</b> , 35, e2020PA004019	3.3	8
123	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> , <b>2020</b> , 117, 26069-26075	11.5	14
122	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> , <b>2020</b> , 429, 106308	3.3	1
121	Environmental variability off NE Greenland (western Fram Strait) during the past 10,600 years. <i>Holocene</i> , <b>2020</b> , 30, 1752-1766	2.6	7
120	Biomarker Distributions in (Sub)-Arctic Surface Sediments and Their Potential for Sea Ice Reconstructions. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2020</b> , 21, e2019GC008629	3.6	4
119	Deglacial to Holocene variability in surface water characteristics and major floods in the Beaufort Sea. <i>Communications Earth &amp; Environment</i> , <b>2020</b> , 1,	6.1	4

118	On the causes of Arctic sea ice in the warm Early Pliocene. <i>Scientific Reports</i> , <b>2019</b> , 9, 989	4.9	8
117	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> , <b>2019</b> , 18, 563-572		1
116	Sea ice variability in the southern Norwegian Sea during glacial Dansgaard-Oeschger climate cycles. <i>Science Advances</i> , <b>2019</b> , 5, eaau6174	14.3	39
115	Arctic warming interrupts the Transpolar Drift and affects long-range transport of sea ice and ice-rafted matter. <i>Scientific Reports</i> , <b>2019</b> , 9, 5459	4.9	56
114	The potential of sedimentary ancient DNA for reconstructing past sea ice evolution. <i>ISME Journal</i> , <b>2019</b> , 13, 2566-2577	11.9	14
113	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> , <b>2019</b> , 34, 1851-1894	3.3	10
112	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> , <b>2018</b> , 4, 1	0.9	11
111	Paleo-sea ice distribution and polynya variability on the Kara Sea shelf during the last 12 ka. <i>Arktos</i> , <b>2018</b> , 4, 1	0.9	2
110	Seasonal sea ice cover during the warm Pliocene: Evidence from the Iceland Sea (ODP Site 907). <i>Earth and Planetary Science Letters</i> , <b>2018</b> , 481, 61-72	5.3	16
109	New insights into sea ice changes over the past 2.2 kyr in Disko Bugt, West Greenland. <i>Arktos</i> , <b>2018</b> , 4, 1	0.9	2
108	Wahlenbergfjord, eastern Svalbard: a glacier-surrounded fjord reflecting regional hydrographic variability during the Holocene?. <i>Boreas</i> , <b>2018</b> , 47, 1003-1021	2.4	10
107	An Arctic Ocean paleosalinity proxy from $\delta\text{H}$ of palmitic acid provides evidence for deglacial Mackenzie River flood events. <i>Quaternary Science Reviews</i> , <b>2018</b> , 198, 76-90	3.9	4
106	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> , <b>2017</b> , 32, 362-379	2.3	62
105	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> , <b>2017</b> , 37, 515-526	1.9	5
104	Atlantic Water advection vs. glacier dynamics in northern Spitsbergen since early deglaciation. <i>Climate of the Past</i> , <b>2017</b> , 13, 1717-1749	3.9	22
103	Arctic Ocean sea ice cover during the penultimate glacial and the last interglacial. <i>Nature Communications</i> , <b>2017</b> , 8, 373	17.4	60
102	Inference on Paleoclimate Change Using Microbial Habitat Preference in Arctic Holocene Sediments. <i>Scientific Reports</i> , <b>2017</b> , 7, 9652	4.9	2
101	Short-term variability in late Holocene sea ice cover on the East Greenland Shelf and its driving mechanisms. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2017</b> , 485, 336-350	2.9	30

100	Evidence for ice-free summers in the late Miocene central Arctic Ocean. <i>Nature Communications</i> , <b>2016</b> , 7, 11148	17.4	80
99	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> , <b>2016</b> , 36, 101-111	1.9	32
98	Scientists Spend Arctic Winter Adrift on Sea Ice. <i>Eos</i> , <b>2016</b> , 97,	1.5	4
97	Late Quaternary changes in sediment composition on the NE Greenland margin (~73°N) with a focus on the fjords and shelf. <i>Boreas</i> , <b>2016</b> , 45, 381-397	2.4	23
96	Sea ice and millennial-scale climate variability in the Nordic seas 90 kyr ago to present. <i>Nature Communications</i> , <b>2016</b> , 7, 12247	17.4	68
95	MIS 3 to MIS 1 temporal and LGM spatial variability in Arctic Ocean sea ice cover: Reconstruction from biomarkers. <i>Paleoceanography</i> , <b>2015</b> , 30, 969-983		29
94	Exploring the long-term Cenozoic Arctic Ocean climate history: a challenge within the International Ocean Discovery Program (IODP). <i>Arktos</i> , <b>2015</b> , 1, 1	0.9	10
93	Recent benthic foraminifera in the Arctic Ocean and Kara Sea continental margin. <i>Arktos</i> , <b>2015</b> , 1, 1	0.9	6
92	Mid to late Holocene strengthening of the East Greenland Current linked to warm subsurface Atlantic water. <i>Quaternary Science Reviews</i> , <b>2015</b> , 129, 296-307	3.9	42
91	Sea-ice distribution in the modern Arctic Ocean: Biomarker records from trans-Arctic Ocean surface sediments. <i>Geochimica Et Cosmochimica Acta</i> , <b>2015</b> , 155, 16-29	5.5	55
90	Holocene Environmental Variability in the Arctic Gateway. <i>SpringerBriefs in Earth System Sciences</i> , <b>2015</b> , 37-42	1	1
89	Arctic Ocean glacial history. <i>Quaternary Science Reviews</i> , <b>2014</b> , 92, 40-67	3.9	149
88	Appraisal of TEX86 and . <i>Geochimica Et Cosmochimica Acta</i> , <b>2014</b> , 131, 213-226	5.5	63
87	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> , <b>2014</b> , 403, 446-455	5.3	90
86	Introduction: Environmental Change, Processes and Effects New Insights From Integrated Ocean Drilling Program (2003-2013). <i>Developments in Marine Geology</i> , <b>2014</b> , 7, 255-258		
85	Cenozoic Arctic Ocean Climate History: Some Highlights from the Integrated Ocean Drilling Program Arctic Coring Expedition. <i>Developments in Marine Geology</i> , <b>2014</b> , 7, 259-293		7
84	Clay minerals as indicators of late quaternary sedimentation constraints in the Mendeleev Rise, Amerasian Basin, Arctic Ocean. <i>Lithology and Mineral Resources</i> , <b>2014</b> , 49, 103-116	0.7	7
83	Repeated Pleistocene glaciation of the East Siberian continental margin. <i>Nature Geoscience</i> , <b>2013</b> , 6, 842-846	18.3	89

82	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> , <b>2013</b> , 57, 54-64	3.1	32
81	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> , <b>2013</b> , 340, 1-15	3.3	24
80	Provenance and characteristics of rocks from the Yermak Plateau, Arctic Ocean: Petrographic, geochemical and geochronological constraints. <i>Marine Geology</i> , <b>2013</b> , 343, 125-145	3.3	9
79	Biomarker proxy shows potential for studying the entire Quaternary Arctic sea ice history. <i>Organic Geochemistry</i> , <b>2013</b> , 55, 98-102	3.1	49
78	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> , <b>2013</b> , 369-370, 148-157	5.3	22
77	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> , <b>2013</b> , 79, 40-52	3.9	63
76	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> , <b>2013</b> , 49, 563-573	2.1	17
75	Intraplate volcanism off South Greenland: caused by glacial rebound?. <i>Geophysical Journal International</i> , <b>2012</b> , 190, 1-7	2.6	13
74	Holocene cooling culminates in sea ice oscillations in Fram Strait. <i>Quaternary Science Reviews</i> , <b>2012</b> , 47, 1-14	3.9	165
73	Strengthening of North American dust sources during the late Pliocene (2.7 Ma). <i>Earth and Planetary Science Letters</i> , <b>2012</b> , 317-318, 8-19	5.3	83
72	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> , <b>2012</b> , 351-352, 123-133	5.3	97
71	Challenges in selecting sites for Arctic Ocean drilling. <i>Eos</i> , <b>2012</b> , 93, 237-237	1.5	
70	Glacial shortcut of Arctic sea-ice transport. <i>Earth and Planetary Science Letters</i> , <b>2012</b> , 357-358, 257-267	5.3	17
69	Sea surface temperatures did not control the first occurrence of Hudson Strait Heinrich Events during MIS 16. <i>Paleoceanography</i> , <b>2011</b> , 26,		44
68	Towards quantitative sea ice reconstructions in the northern North Atlantic: A combined biomarker and numerical modelling approach. <i>Earth and Planetary Science Letters</i> , <b>2011</b> , 306, 137-148	5.3	125
67	The great challenges in Arctic Ocean paleoceanography. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2011</b> , 14, 012001	0.3	2
66	Late Pliocene changes in the North Atlantic Current. <i>Earth and Planetary Science Letters</i> , <b>2010</b> , 298, 434-442	5.3	91
65	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> , <b>2010</b> , 30, 605-616	1.9	7

64	Variability of sea-ice conditions in the Fram Strait over the past 30,000 years. <i>Nature Geoscience</i> , <b>2009</b> , 2, 772-776	18.3	160
63	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> , <b>2009</b> , 26, 416-426	4.7	38
62	Evaluation and modelling of Tertiary source rocks in the central Arctic Ocean. <i>Marine and Petroleum Geology</i> , <b>2009</b> , 26, 1624-1639	4.7	23
61	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> , <b>2009</b> , 24, n/a-n/a		88
60	Pliocene palaeoceanography of the Arctic Ocean and subarctic seas. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , <b>2009</b> , 367, 21-48	3	64
59	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> , <b>2008</b> , 31, 82-93	2.4	1
58	Surface water productivity and paleoceanographic implications in the Cenozoic Arctic Ocean. <i>Paleoceanography</i> , <b>2008</b> , 23, n/a-n/a		37
57	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> , <b>2008</b> , 23, n/a-n/a		47
56	Terrigenous events and climate history of the Sophia Basin, Arctic Ocean. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2008</b> , 9, n/a-n/a	3.6	13
55	Dynamics and timing of the Hinlopen/Yermak Megaslide north of Spitsbergen, Arctic Ocean. <i>Marine Geology</i> , <b>2008</b> , 250, 34-50	3.3	31
54	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> , <b>2007</b> , 8, n/a-n/a	3.6	20
53	Effects of Arctic freshwater forcing on thermohaline circulation during the Pleistocene. <i>Geology</i> , <b>2007</b> , 35, 1075	5	41
52	Upper Cretaceous/lower Tertiary black shales near the North Pole: Organic-carbon origin and source-rock potential. <i>Marine and Petroleum Geology</i> , <b>2007</b> , 24, 67-73	4.7	38
51	Anoxia and high primary production in the Paleogene central Arctic Ocean: First detailed records from Lomonosov Ridge. <i>Geophysical Research Letters</i> , <b>2006</b> , 33, n/a-n/a	4.9	96
50	North Atlantic paleoceanography: The last five million years. <i>Eos</i> , <b>2006</b> , 87, 129	1.5	13
49	Subtropical Arctic Ocean temperatures during the Palaeocene/Eocene thermal maximum. <i>Nature</i> , <b>2006</b> , 441, 610-3	50.4	489
48	Episodic fresh surface waters in the Eocene Arctic Ocean. <i>Nature</i> , <b>2006</b> , 441, 606-9	50.4	234
47	The Cenozoic palaeoenvironment of the Arctic Ocean. <i>Nature</i> , <b>2006</b> , 441, 601-5	50.4	400

46	Holocene paleoenvironmental implications of diatom and organic carbon records from the southeastern Kara Sea (Siberian Margin). <i>Quaternary Research</i> , <b>2004</b> , 62, 256-266	1.9	22
45	Aliphatic lipids in recent sediments of the Fram Strait/Yermak Plateau (Arctic Ocean): composition, sources and transport processes. <i>Marine Chemistry</i> , <b>2004</b> , 88, 127-160	3.7	40
44	Organic Carbon in Arctic Ocean Sediments: Sources, Variability, Burial, and Paleoenvironmental Significance <b>2004</b> , 169-314		10
43	Late Quaternary ice sheet history of northern Eurasia. <i>Quaternary Science Reviews</i> , <b>2004</b> , 23, 1229-1271	3.9	1062
42	Paleoenvironment and sea-level change in the early Cretaceous Barents Sea: Implications from near-shore marine sapropels. <i>Geo-Marine Letters</i> , <b>2003</b> , 23, 34-42	1.9	15
41	The Greenland-Norwegian Seaway: A key area for understanding Late Jurassic to Early Cretaceous paleoenvironments. <i>Paleoceanography</i> , <b>2003</b> , 18, n/a-n/a		54
40	Late Jurassic to Early Cretaceous black shale formation and paleoenvironment in high northern latitudes: Examples from the Norwegian-Greenland Seaway. <i>Paleoceanography</i> , <b>2003</b> , 18, n/a-n/a		20
39	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> , <b>2002</b> , 183, 67-87	3.3	21
38	Siberian river run-off and Late Quaternary glaciation in the southern Kara Sea, Arctic Ocean: preliminary results. <i>Polar Research</i> , <b>2002</b> , 21, 315-322	2	34
37	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> , <b>2002</b> , 31, 82-93	2.4	25
36	Tracking nutrient and productivity variations over the Last Deglaciation in the Arctic Ocean. <i>Paleoceanography</i> , <b>2001</b> , 16, 199-211		23
35	Sedimentation rates in the Makarov Basin, central Arctic Ocean: A paleomagnetic and rock magnetic approach. <i>Paleoceanography</i> , <b>2001</b> , 16, 368-389		34
34	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> , <b>2001</b> , 31, 23-44	4.2	76
33	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> , <b>2001</b> , 31, 65-86	4.2	58
32	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> , <b>2000</b> , 162, 573-586	3.3	40
31	A multiproxy approach to reconstruct the environmental changes along the Eurasian continental margin over the last 150 000 years. <i>Marine Geology</i> , <b>2000</b> , 163, 317-344	3.3	87
30	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> , <b>2000</b> , 89, 592-604	2.2	8
29	Biomarkers as organic-carbon-source and environmental indicators in the Late Quaternary Arctic Ocean: problems and perspectives. <i>Marine Chemistry</i> , <b>1999</b> , 63, 293-309	3.7	86

28	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> , <b>1999</b> , 28, 215-233	2.4	106
27	Expedition gives fresh view of central Arctic geology. <i>Eos</i> , <b>1999</b> , 80, 465	1.5	8
26	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> , <b>1998</b> , 18, 195-202	1.9	76
25	GLACIAL AND OCEANIC HISTORY OF THE POLAR NORTH ATLANTIC MARGINS: AN OVERVIEW. <i>Quaternary Science Reviews</i> , <b>1998</b> , 17, 1-10	3.9	67
24	LATE CENOZOIC HISTORY OF THE POLAR NORTH ATLANTIC: RESULTS FROM OCEAN DRILLING. <i>Quaternary Science Reviews</i> , <b>1998</b> , 17, 185-208	3.9	117
23	HISTORY OF A STABLE ICE MARGIN EAST GREENLAND DURING THE MIDDLE AND UPPER PLEISTOCENE. <i>Quaternary Science Reviews</i> , <b>1998</b> , 17, 77-123	3.9	110
22	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> , <b>1998</b> , 13, 384-394		57
21	Arctic Ocean evidence for late Quaternary initiation of northern Eurasian ice sheets. <i>Geology</i> , <b>1997</b> , 25, 783	5	84
20	Modern organic carbon deposition in the Laptev Sea and the adjacent continental slope: surface water productivity vs. terrigenous input. <i>Organic Geochemistry</i> , <b>1997</b> , 26, 379-390	3.1	89
19	Lipid distribution in surface sediments from the eastern central Arctic Ocean. <i>Marine Geology</i> , <b>1997</b> , 138, 11-25	3.3	40
18	Late Quaternary glacial history and short-term ice-rafted debris fluctuations along the East Greenland continental margin. <i>Geological Society Special Publication</i> , <b>1996</b> , 111, 135-151	1.7	28
17	Late Quaternary glacial-interglacial changes in sediment composition at the East Greenland continental margin and their paleoceanographic implications. <i>Marine Geology</i> , <b>1995</b> , 122, 243-262	3.3	69
16	Glacial history of East Greenland explored. <i>Eos</i> , <b>1995</b> , 76, 353-353	1.5	8
15	High benthic bacteria standing stock in deep Arctic basins. <i>Polar Biology</i> , <b>1994</b> , 14, 423	2	9
14	Organic carbon, carbonate, and clay mineral distributions in eastern central Arctic Ocean surface sediments. <i>Marine Geology</i> , <b>1994</b> , 119, 269-285	3.3	144
13	Stable isotope stratigraphy, sedimentation rates, and salinity changes in the Latest Pleistocene to Holocene eastern central Arctic Ocean. <i>Marine Geology</i> , <b>1994</b> , 119, 333-355	3.3	89
12	Quaternary organic carbon cycles in the Japan Sea (ODP-site 798) and their paleoceanographic implications. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>1994</b> , 108, 509-521	2.9	9
11	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> , <b>1994</b> , 108, 523-535	2.9	20



10	Paläoklima und paläozeanische Verhältnisse im SW-Pazifik während der letzten 6 Millionen Jahre (DSDP - Site 594, Chatham Rücken, östlich Neuseeland). <i>Geologische Rundschau: Zeitschrift Für Allgemeine Geologie</i> , <b>1991</b> , 80, 535-556		14
9	Late quaternary organic carbon cycles and paleoproductivity in the Labrador Sea. <i>Geo-Marine Letters</i> , <b>1991</b> , 11, 90-95	1.9	18
8	Organic carbon content/sedimentation rate relationship and its paleoenvironmental significance for marine sediments. <i>Geo-Marine Letters</i> , <b>1990</b> , 10, 37-44	1.9	120
7	Authigenic zeolites and their relation to silica diagenesis in ODP Site 661 sediments (Leg 108, Eastern Equatorial Atlantic). <i>Geologische Rundschau: Zeitschrift Für Allgemeine Geologie</i> , <b>1989</b> , 78, 779-792		13
6	Organic carbon and sedimentation rate - Further evidence for anoxic deep-water conditions in the Cenomanian/Turonian Atlantic Ocean. <i>Marine Geology</i> , <b>1986</b> , 72, 199-209	3.3	73
5	Late Neogene evolution of paleoclimate and paleoceanic circulation in the Northern and Southern Hemispheres - A comparison. <i>Geologische Rundschau: Zeitschrift Für Allgemeine Geologie</i> , <b>1986</b> , 75, 125-138		15
4	Accumulation of organic-carbon-rich sediments in the Late Jurassic and Cretaceous Atlantic Ocean - A synthesis. <i>Chemical Geology</i> , <b>1986</b> , 56, 1-32	4.2	97
3	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> , <b>1985</b> , 55, 590-593	2.1	70
2	Late neogene changes of paleoclimate and paleoproductivity off northwest africa (D.S.D.P. Site 397). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>1985</b> , 49, 47-59	2.9	42
1	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> , <b>1985</b> , 305-316		13