

# Gerhard Kuhn

## 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.

176  
papers

6,495  
citations

46  
h-index

74  
g-index

204  
ext. papers

7,344  
ext. citations

6  
avg, IF

5.44  
L-index

#	Paper	IF	Citations
176	Variations in export production, lithogenic sediment transport and iron fertilization in the Pacific sector of the Drake Passage over the past 400 kyr. <i>Climate of the Past</i> , <b>2022</b> , 18, 147-166	3.9	0
175	Glaciomarine sediment deposition on the continental slope and rise of the central Ross Sea since the Last Glacial Maximum. <i>Marine Geology</i> , <b>2022</b> , 445, 106752	3.3	0
174	Cenozoic history of Antarctic glaciation and climate from onshore and offshore studies <b>2022</b> , 41-164		1
173	Summer sea-ice variability on the Antarctic margin during the last glacial period reconstructed from snow petrel (&i&t;Pagodroma nivea&t;) stomach-oil deposits. <i>Climate of the Past</i> , <b>2022</b> , 18, 381-403	3.9	1
172	Geomorphology and shallow sub-sea-floor structures underneath the Ekstr� Ice Shelf, Antarctica. <i>Cryosphere</i> , <b>2022</b> , 16, 2051-2066	5.5	0
171	Increased petrogenic and biospheric organic carbon burial in sub-Antarctic fjord sediments in response to recent glacier retreat. <i>Limnology and Oceanography</i> , <b>2021</b> , 66, 4347	4.8	2
170	Efficient Extraction of Past Seawater Pb and Nd Isotope Signatures From Southern Ocean Sediments. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2021</b> , 22, e2020GC009287	3.6	1
169	Last Glacial Maximum to Holocene paleoceanography of the northwestern Ross Sea inferred from sediment core geochemistry and micropaleontology at Hallett Ridge. <i>Journal of Micropalaeontology</i> , <b>2021</b> , 40, 15-35	2	7
168	Orbital- and millennial-scale Antarctic Circumpolar Current variability in Drake Passage over the past 140,000 years. <i>Nature Communications</i> , <b>2021</b> , 12, 3948	17.4	3
167	Opposite dust grain-size patterns in the Pacific and Atlantic sectors of the Southern Ocean during the last 260,000 years. <i>Quaternary Science Reviews</i> , <b>2021</b> , 263, 106978	3.9	2
166	Environmental and Oceanographic Conditions at the Continental Margin of the Central Basin, Northwestern Ross Sea (Antarctica) Since the Last Glacial Maximum. <i>Geosciences (Switzerland)</i> , <b>2021</b> , 11, 155	2.7	1
165	Richness, growth, and persistence of life under an Antarctic ice shelf.. <i>Current Biology</i> , <b>2021</b> , 31, R1566-R1567	15.67	0
164	A large West Antarctic Ice Sheet explains early Neogene sea-level amplitude.. <i>Nature</i> , <b>2021</b> , 600, 450-455	50.4	2
163	Compound-Specific Radiocarbon Analysis of (Sub-)Antarctic Coastal Marine Sediments: Potential and Challenges for Chronologies. <i>Paleoceanography and Paleoclimatology</i> , <b>2020</b> , 35, e2020PA003890	3.3	3
162	Detailed Seismic Bathymetry Beneath Ekstr� Ice Shelf, Antarctica: Implications for Glacial History and Ice-Ocean Interaction. <i>Geophysical Research Letters</i> , <b>2020</b> , 47, e2019GL086187	4.9	10
161	Mg/Ca-Temperature Calibration of Polar Benthic foraminifera species for reconstruction of bottom water temperatures on the Antarctic shelf. <i>Geochimica Et Cosmochimica Acta</i> , <b>2020</b> , 283, 54-66	5.5	0
160	Test deformation and chemistry of foraminifera as response to anthropogenic heavy metal input. <i>Marine Pollution Bulletin</i> , <b>2020</b> , 155, 111112	6.7	7

159	No detectable Weddell Sea Antarctic Bottom Water export during the Last and Penultimate Glacial Maximum. <i>Nature Communications</i> , <b>2020</b> , 11, 424	17.4	14
158	Radiocarbon Evidence for the Contribution of the Southern Indian Ocean to the Evolution of Atmospheric CO <sub>2</sub> Over the Last 32,000 Years. <i>Paleoceanography and Paleoclimatology</i> , <b>2020</b> , 35, e2019PA003733	3.3	9
157	Temperate rainforests near the South Pole during peak Cretaceous warmth. <i>Nature</i> , <b>2020</b> , 580, 81-86	50.4	30
156	Sea ice dynamics in the Bransfield Strait, Antarctic Peninsula, during the past 240 years: a multi-proxy intercomparison study. <i>Climate of the Past</i> , <b>2020</b> , 16, 2459-2483	3.9	5
155	The geochemical and mineralogical fingerprint of West Antarctica's weak underbelly: Pine Island and Thwaites glaciers. <i>Chemical Geology</i> , <b>2020</b> , 550, 119649	4.2	5
154	Highly branched isoprenoids reveal onset of deglaciation followed by dynamic sea-ice conditions in the western Amundsen Sea, Antarctica. <i>Quaternary Science Reviews</i> , <b>2020</b> , 228, 106103	3.9	7
153	Morphometry of bedrock meltwater channels on Antarctic inner continental shelves: Implications for channel development and subglacial hydrology. <i>Geomorphology</i> , <b>2020</b> , 370, 107369	4.3	1
152	Evidence for a large-magnitude Holocene eruption of Mount Rittmann (Antarctica): A volcanological reconstruction using the marine tephra record. <i>Quaternary Science Reviews</i> , <b>2020</b> , 250, 106629	3.9	5
151	Late Pleistocene oceanographic and depositional variations along the Wilkes Land margin (East Antarctica) reconstructed with geochemical proxies in deep-sea sediments. <i>Global and Planetary Change</i> , <b>2020</b> , 184, 103045	4.2	9
150	A geochemical approach to reconstruct modern dust fluxes and sources to the South Pacific. <i>Geochimica Et Cosmochimica Acta</i> , <b>2019</b> , 264, 205-223	5.5	12
149	Carbonate drifts as marine archives of aeolian dust (Santaren Channel, Bahamas). <i>Sedimentology</i> , <b>2019</b> , 66, 1386-1409	3.3	2
148	The Budget of Macrobenthic Reworked Organic Carbon: A Modeling Case Study of the North Sea. <i>Journal of Geophysical Research G: Biogeosciences</i> , <b>2019</b> , 124, 1446-1471	3.7	9
147	Holocene hydrological variability of Lake Ladoga, northwest Russia, as inferred from diatom oxygen isotopes. <i>Boreas</i> , <b>2019</b> , 48, 361-376	2.4	13
146	First marine cryptotephra in Antarctica found in sediments of the western Ross Sea correlates with englacial tephtras and climate records. <i>Scientific Reports</i> , <b>2019</b> , 9, 10628	4.9	13
145	Subglacial hydrological control on flow of an Antarctic Peninsula palaeo-ice stream. <i>Cryosphere</i> , <b>2019</b> , 13, 1583-1596	5.5	15
144	Surface sediment characteristics related to provenance and ocean circulation in the Drake Passage sector of the Southern Ocean. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , <b>2019</b> , 154, 103135	2.5	9
143	Dating Deep-Sea Sediments With <sup>230</sup> Th Excess Using a Constant Rate of Supply Model. <i>Paleoceanography and Paleoclimatology</i> , <b>2019</b> , 34, 1895-1912	3.3	5
142	Enhanced glacial discharge from the eastern Antarctic Peninsula since the 1700s associated with a positive Southern Annular Mode. <i>Scientific Reports</i> , <b>2019</b> , 9, 14606	4.9	16

141	Evaluation of Mumiyo Deposits From East Antarctica as Archives for the Late Quaternary Environmental and Climatic History. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2019</b> , 20, 260-276	3.6	6
140	Reaction of a polar gravel-spit system to atmospheric warming and glacier retreat as reflected by morphology and internal sediment geometries (South Shetland Islands, Antarctica). <i>Earth Surface Processes and Landforms</i> , <b>2019</b> , 44, 1148-1162	3.7	4
139	Postdepositional aerobic and anaerobic particulate organic matter degradation succession reflected by dinoflagellate cysts: The Madeira Abyssal Plain revisited. <i>Marine Geology</i> , <b>2019</b> , 408, 87-109	3.3	10
138	Biogeochemical proxies and diatoms in surface sediments across the Drake Passage reflect oceanic domains and frontal systems in the region. <i>Progress in Oceanography</i> , <b>2019</b> , 174, 72-88	3.8	11
137	Geochemical fingerprints of glacially eroded bedrock from West Antarctica: Detrital thermochronology, radiogenic isotope systematics and trace element geochemistry in Late Holocene glacial-marine sediments. <i>Earth-Science Reviews</i> , <b>2018</b> , 182, 204-232	10.2	21
136	Using Fourier transform infrared spectroscopy to determine mineral phases in sediments. <i>Sedimentary Geology</i> , <b>2018</b> , 375, 27-35	2.8	22
135	Anatomy of the Holocene inundation of an isolated carbonate platform: Bermuda North Lagoon, western Atlantic. <i>Depositional Record</i> , <b>2018</b> , 4, 216-254	2	4
134	Benthic meltwater fjord habitats formed by rapid glacier recession on King George Island, Antarctica. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , <b>2018</b> , 376,	3	14
133	Climatic and limnological changes at Lake Karakul (Tajikistan) during the last ~29 cal ka. <i>Journal of Paleolimnology</i> , <b>2017</b> , 58, 317-334	2.1	27
132	Major advance of South Georgia glaciers during the Antarctic Cold Reversal following extensive sub-Antarctic glaciation. <i>Nature Communications</i> , <b>2017</b> , 8, 14798	17.4	21
131	Deglacial changes in the strength of deep southern component water and sediment supply at the Argentine continental margin. <i>Paleoceanography</i> , <b>2017</b> , 32, 796-812		3
130	Evidence for a palaeo-subglacial lake on the Antarctic continental shelf. <i>Nature Communications</i> , <b>2017</b> , 8, 15591	17.4	23
129	West Antarctic Ice Sheet retreat driven by Holocene warm water incursions. <i>Nature</i> , <b>2017</b> , 547, 43-48	50.4	73
128	MeBo70 Seabed Drilling on a Polar Continental Shelf: Operational Report and Lessons From Drilling in the Amundsen Sea Embayment of West Antarctica. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2017</b> , 18, 4235-4250	3.6	6
127	Evidence for a dynamic grounding line in outer Filchner Trough, Antarctica, until the early Holocene. <i>Geology</i> , <b>2017</b> , 45, 1035-1038	5	12
126	Limited grounding-line advance onto the West Antarctic continental shelf in the easternmost Amundsen Sea Embayment during the last glacial period. <i>PLoS ONE</i> , <b>2017</b> , 12, e0181593	3.7	13
125	From pole to pole: 33 years of physical oceanography onboard R/V <i>Polarstern</i>. <i>Earth System Science Data</i> , <b>2017</b> , 9, 211-220	10.5	10
124	Late Quaternary vegetation and lake system dynamics in north-eastern Siberia: Implications for seasonal climate variability. <i>Quaternary Science Reviews</i> , <b>2016</b> , 147, 406-421	3.9	41

123	Tectonomorphic evolution of Marie Byrd Land [Implications for Cenozoic rifting activity and onset of West Antarctic glaciation. <i>Global and Planetary Change</i> , <b>2016</b> , 145, 98-115	4.2	26
122	Exhumation history along the eastern Amundsen Sea coast, West Antarctica, revealed by low-temperature thermochronology. <i>Tectonics</i> , <b>2016</b> , 35, 2239-2257	4.3	6
121	Cyclic magnetite dissolution in Pleistocene sediments of the abyssal northwest Pacific Ocean: Evidence for glacial oxygen depletion and carbon trapping. <i>Paleoceanography</i> , <b>2016</b> , 31, 600-624		37
120	Antarctic marine ice-sheet retreat in the Ross Sea during the early Holocene. <i>Geology</i> , <b>2016</b> , 44, 7-10	5	46
119	Antarctic ice sheet sensitivity to atmospheric CO2 variations in the early to mid-Miocene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 3453-8	11.5	100
118	Holocene ice dynamics and bottom-water formation associated with Cape Darnley polynya activity recorded in Burton Basin, East Antarctica. <i>Marine Geophysical Researches</i> , <b>2016</b> , 37, 49-70	2.3	18
117	A geomorphological seabed classification for the Weddell Sea, Antarctica. <i>Marine Geophysical Researches</i> , <b>2016</b> , 37, 127-141	2.3	17
116	Bedrock channels in Pine Island Bay, West Antarctica. <i>Geological Society Memoir</i> , <b>2016</b> , 46, 217-218	0.4	4
115	A glacial landform assemblage from an inter-ice stream setting in the eastern Amundsen Sea Embayment, West Antarctica. <i>Geological Society Memoir</i> , <b>2016</b> , 46, 349-352	0.4	7
114	Crag-and-tail features on the Amundsen Sea continental shelf, West Antarctica. <i>Geological Society Memoir</i> , <b>2016</b> , 46, 199-200	0.4	6
113	Submarine landforms related to glacier retreat in a shallow Antarctic fjord. <i>Antarctic Science</i> , <b>2016</b> , 28, 475-486	1.7	13
112	Constraining the dating of late Quaternary marine sediment records from the Scotia Sea (Southern Ocean). <i>Quaternary Geochronology</i> , <b>2016</b> , 31, 97-118	2.7	23
111	Synchronicity of Kuroshio Current and climate system variability since the Last Glacial Maximum. <i>Earth and Planetary Science Letters</i> , <b>2016</b> , 452, 247-257	5.3	36
110	Palaeo-ice stream pathways and retreat style in the easternmost Amundsen Sea Embayment, West Antarctica, revealed by combined multibeam bathymetric and seismic data. <i>Geomorphology</i> , <b>2015</b> , 245, 207-222	4.3	32
109	One-million year Rare Earth Element stratigraphies along an Antarctic marine sediment core. <i>Microchemical Journal</i> , <b>2015</b> , 122, 164-171	4.8	4
108	Antarctic Zone nutrient conditions during the last two glacial cycles. <i>Paleoceanography</i> , <b>2015</b> , 30, 845-862		57
107	Holocene environment of Central Kamchatka, Russia: Implications from a multi-proxy record of Two-Yurts Lake. <i>Global and Planetary Change</i> , <b>2015</b> , 134, 101-117	4.2	26
106	Pushing the boundaries: Glacial/interglacial variability of intermediate and deep waters in the southwest Pacific over the last 350,000 years. <i>Paleoceanography</i> , <b>2015</b> , 30, 23-38		41

105	Increased dust deposition in the Pacific Southern Ocean during glacial periods. <i>Science</i> , <b>2014</b> , 343, 403-733	33.3	149
104	Holocene freshwater diatoms: palaeoenvironmental implications from south Kamchatka, Russia. <i>Boreas</i> , <b>2014</b> , 43, 22-41	2.4	10
103	Minimal change in Antarctic Circumpolar Current flow speed between the last glacial and Holocene. <i>Nature Geoscience</i> , <b>2014</b> , 7, 113-116	18.3	40
102	New constraints on the timing of West Antarctic Ice Sheet retreat in the eastern Amundsen Sea since the Last Glacial Maximum. <i>Global and Planetary Change</i> , <b>2014</b> , 122, 224-237	4.2	27
101	A community-based geological reconstruction of Antarctic Ice Sheet deglaciation since the Last Glacial Maximum. <i>Quaternary Science Reviews</i> , <b>2014</b> , 100, 1-9	3.9	193
100	First evidence of widespread active methane seepage in the Southern Ocean, off the sub-Antarctic island of South Georgia. <i>Earth and Planetary Science Letters</i> , <b>2014</b> , 403, 166-177	5.3	34
99	Neodymium and hafnium boundary contributions to seawater along the West Antarctic continental margin. <i>Earth and Planetary Science Letters</i> , <b>2014</b> , 394, 99-110	5.3	35
98	A new bathymetric compilation for the South Orkney Islands region, Antarctic Peninsula (49°39'W to 64°05'S): Insights into the glacial development of the continental shelf. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2014</b> , 15, 2494-2514	3.6	24
97	Biological response to millennial variability of dust and nutrient supply in the Subantarctic South Atlantic Ocean. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , <b>2014</b> , 372, 20130054	3	61
96	Reconstruction of changes in the Weddell Sea sector of the Antarctic Ice Sheet since the Last Glacial Maximum. <i>Quaternary Science Reviews</i> , <b>2014</b> , 100, 111-136	3.9	70
95	Large-scale submarine landslides, channel and gully systems on the southern Weddell Sea margin, Antarctica. <i>Marine Geology</i> , <b>2014</b> , 348, 73-87	3.3	29
94	Distribution and characteristics of marine habitats in a subpolar bay based on hydroacoustics and bed shear stress estimates Botter Cove, King George Island, Antarctica. <i>Geo-Marine Letters</i> , <b>2014</b> , 34, 435-446	1.9	30
93	Millennial-scale variability in Antarctic ice-sheet discharge during the last deglaciation. <i>Nature</i> , <b>2014</b> , 510, 134-8	50.4	140
92	Retreat of the West Antarctic Ice Sheet from the western Amundsen Sea shelf at a pre- or early LGM stage. <i>Quaternary Science Reviews</i> , <b>2014</b> , 91, 1-15	3.9	21
91	Laminated sediments in the Bering Sea reveal atmospheric teleconnections to Greenland climate on millennial to decadal timescales during the last deglaciation. <i>Climate of the Past</i> , <b>2014</b> , 10, 2215-2236	3.9	18
90	Glacier fluctuations of Muztagh Ata and temperature changes during the late Holocene in westernmost Tibetan Plateau, based on glaciolacustrine sediment records. <i>Geophysical Research Letters</i> , <b>2014</b> , 41, 6265-6273	4.9	51
89	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> , <b>2014</b> , 100, 55-86	3.9	68
88	Seasonal changes in glacial polynya activity inferred from Weddell Sea varves. <i>Climate of the Past</i> , <b>2014</b> , 10, 1239-1251	3.9	9

87	Iron oxide tracers of ice sheet extent and sediment provenance in the ANDRILL AND-1B drill core, Ross Sea, Antarctica. <i>Global and Planetary Change</i> , <b>2013</b> , 110, 420-433	4.2	11
86	Structural limitations in deriving accurate U-series ages from calcitic cold-water corals contrast with robust coral radiocarbon and Mg/Ca systematics. <i>Chemical Geology</i> , <b>2013</b> , 355, 69-87	4.2	11
85	Chemostratigraphy of the early Pliocene diatomite interval from MIS AND-1B core (Antarctica): Palaeoenvironment implications. <i>Global and Planetary Change</i> , <b>2013</b> , 102, 20-32	4.2	2
84	First geomorphological record and glacial history of an inter-ice stream ridge on the West Antarctic continental shelf. <i>Quaternary Science Reviews</i> , <b>2013</b> , 61, 47-61	3.9	31
83	Seismic stratigraphic record of the Amundsen Sea Embayment shelf from pre-glacial to recent times: Evidence for a dynamic West Antarctic ice sheet. <i>Marine Geology</i> , <b>2013</b> , 344, 115-131	3.3	48
82	Southern Ocean bioproductivity during the last glacial cycle [New detection method and decadal-scale insight from the Scotia Sea. <i>Geological Society Special Publication</i> , <b>2013</b> , 381, 245-261	1.7	24
81	Lithostratigraphy determined from downhole logs in the AND-2A borehole, southern Victoria Land Basin, McMurdo Sound, Antarctica <b>2013</b> , 9, 63-73		2
80	Paleo ice flow and subglacial meltwater dynamics in Pine Island Bay, West Antarctica. <i>Cryosphere</i> , <b>2013</b> , 7, 249-262	5.5	75
79	Grounding-line retreat of the West Antarctic Ice Sheet from inner Pine Island Bay. <i>Geology</i> , <b>2013</b> , 41, 35-38	5	59
78	A marine diatom record from the Amundsen Sea [Insights into oceanographic and climatic response to the Mid-Pleistocene Transition in the West Antarctic sector of the Southern Ocean. <i>Marine Micropaleontology</i> , <b>2012</b> , 92-93, 40-51	1.7	13
77	Distribution and mineralogy of carbonate sediments on Antarctic shelves. <i>Journal of Marine Systems</i> , <b>2012</b> , 90, 77-87	2.7	29
76	Marine geological constraints for the grounding-line position of the Antarctic Ice Sheet on the southern Weddell Sea shelf at the Last Glacial Maximum. <i>Quaternary Science Reviews</i> , <b>2012</b> , 32, 25-47	3.9	34
75	Pleistocene variability of Antarctic Ice Sheet extent in the Ross Embayment. <i>Quaternary Science Reviews</i> , <b>2012</b> , 34, 93-112	3.9	58
74	Dust transport from Patagonia to Antarctica [A new stratigraphic approach from the Scotia Sea and its implications for the last glacial cycle. <i>Quaternary Science Reviews</i> , <b>2012</b> , 36, 177-188	3.9	46
73	The influence of siliciclastic input on <i>Chaetoceros</i> abundance in an early Pliocene segment of the ANDRILL AND-1B drill core. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2012</b> , 346-347, 87-94	2.9	2
72	Geochemical provenance analysis of fine-grained sediment revealing Late Miocene to recent Paleo-Environmental changes in the Western Ross Sea, Antarctica. <i>Global and Planetary Change</i> , <b>2012</b> , 96-97, 41-58	4.2	21
71	Neogene tectonic and climatic evolution of the Western Ross Sea, Antarctica [Chronology of events from the AND-1B drill hole. <i>Global and Planetary Change</i> , <b>2012</b> , 96-97, 189-203	4.2	22
70	Lithostratigraphy from downhole logs in Hole AND-1B, Antarctica <b>2012</b> , 8, 127-140		6

69	A geochemical record of late Holocene palaeoenvironmental changes at King George Island (maritime Antarctica). <i>Antarctic Science</i> , <b>2011</b> , 23, 255-267	1.7	47
68	Deglacial history of the West Antarctic Ice Sheet in the western Amundsen Sea Embayment. <i>Quaternary Science Reviews</i> , <b>2011</b> , 30, 488-505	3.9	77
67	Mineralogy of glaciomarine sediments from the Prydz Bay/Kerguelen region: relation to modern depositional environments. <i>Antarctic Science</i> , <b>2011</b> , 23, 164-179	1.7	12
66	Provenance changes between recent and glacial-time sediments in the Amundsen Sea embayment, West Antarctica: clay mineral assemblage evidence. <i>Antarctic Science</i> , <b>2011</b> , 23, 471-486	1.7	34
65	Correlation of Early Pliocene diatomite to low amplitude Milankovitch cycles in the ANDRILL AND-1B drill core. <i>Marine Micropaleontology</i> , <b>2011</b> , 80, 114-124	1.7	15
64	Interhemispheric ice-sheet synchronicity during the Last Glacial Maximum. <i>Science</i> , <b>2011</b> , 334, 1265-9	33.3	60
63	Climate fluctuations during the past two millennia as recorded in sediments from Maxwell Bay, South Shetland Islands, West Antarctica. <i>Geological Society Special Publication</i> , <b>2010</b> , 344, 243-260	1.7	18
62	BMPix and PEAK tools: New methods for automated laminae recognition and counting. Application to glacial varves from Antarctic marine sediment. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2010</b> , 11, n/a-n/a	3.6	23
61	Flow and retreat of the Late Quaternary Pine Island-Thwaites palaeo-ice stream, West Antarctica. <i>Journal of Geophysical Research</i> , <b>2010</b> , 115,		82
60	Reconstructing 2000 years of hydrological variation derived from laminated proglacial sediments of Lago del Desierto at the eastern margin of the South Patagonian Ice Field, Argentina. <i>Global and Planetary Change</i> , <b>2010</b> , 72, 201-214	4.2	19
59	Climate change and human impact at Sacrower See (NE Germany) during the past 13,000 years: a geochemical record. <i>Journal of Paleolimnology</i> , <b>2010</b> , 43, 719-737	2.1	41
58	Age assignment of a diatomaceous ooze deposited in the western Amundsen Sea Embayment after the Last Glacial Maximum. <i>Journal of Quaternary Science</i> , <b>2010</b> , 25, 280-295	2.3	49
57	Subglacial bedforms reveal complex basal regime in a zone of paleo-ice stream convergence, Amundsen Sea embayment, West Antarctica. <i>Geology</i> , <b>2009</b> , 37, 411-414	5	96
56	The sediment infill of subglacial meltwater channels on the West Antarctic continental shelf. <i>Quaternary Research</i> , <b>2009</b> , 71, 190-200	1.9	46
55	Obliquity-paced Pliocene West Antarctic ice sheet oscillations. <i>Nature</i> , <b>2009</b> , 458, 322-8	50.4	462
54	Circum-Antarctic age modelling of Quaternary marine cores under the Antarctic Circumpolar Current: Ice-core dust/magnetic correlation. <i>Earth and Planetary Science Letters</i> , <b>2009</b> , 284, 113-123	5.3	46
53	Record of a Mid-Pleistocene depositional anomaly in West Antarctic continental margin sediments: an indicator for ice-sheet collapse?. <i>Quaternary Science Reviews</i> , <b>2009</b> , 28, 1147-1159	3.9	57
52	Bedform signature of a West Antarctic palaeo-ice stream reveals a multi-temporal record of flow and substrate control. <i>Quaternary Science Reviews</i> , <b>2009</b> , 28, 2774-2793	3.9	123



51	Palaeoenvironmental changes during the last 1600 years inferred from the sediment record of a cirque lake in southern Patagonia (Laguna Las Vizcachas, Argentina). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2009</b> , 281, 363-375	2.9	33
50	Antarctic Drilling Recovers Stratigraphic Records From the Continental Margin. <i>Eos</i> , <b>2009</b> , 90, 90	1.5	20
49	West Antarctic ice sheet change since the Last Glacial Period. <i>Eos</i> , <b>2007</b> , 88, 189-190	1.5	17
48	A record of Antarctic climate and ice sheet history recovered. <i>Eos</i> , <b>2007</b> , 88, 557-558	1.5	18
47	Extensive phytoplankton blooms in the Atlantic sector of the glacial Southern Ocean. <i>Paleoceanography</i> , <b>2006</b> , 21, n/a-n/a		97
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3	Seasonal changes in glacial polynya activity inferred from Weddell Sea varves		1
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1	Early and middle Miocene ice sheet dynamics in the Ross Sea: Results from integrated core-log-seismic interpretation. <i>Bulletin of the Geological Society of America</i> ,	3.9	4