

# Hannes Grobe

## List of Publications by Citations

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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.

52  
papers

2,039  
citations

26  
h-index

45  
g-index

61  
ext. papers

2,271  
ext. citations

5.3  
avg, IF

4  
L-index

#	Paper	IF	Citations
52	Benthic foraminiferal assemblages from the eastern Weddell Sea between 68 and 73°S: Distribution, ecology and fossilization potential. <i>Marine Micropaleontology</i> , <b>1990</b> , 16, 241-283	1.7	146
51	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
50	Benthic foraminiferal assemblages from the eastern South Atlantic Polar Front region between 35° and 57°S: Distribution, ecology and fossilization potential. <i>Marine Micropaleontology</i> , <b>1993</b> , 22, 33-69	1.7	136
49	Last glacial sea surface temperatures and sea-ice extent in the Southern Ocean (Atlantic-Indian sector): A multiproxy approach. <i>Paleoceanography</i> , <b>2003</b> , 18, n/a-n/a		132
48	Significance of clay mineral assemblages in the Antarctic Ocean. <i>Marine Geology</i> , <b>1992</b> , 107, 249-273	3.3	132
47	Baseline Surface Radiation Network (BSRN): structure and data description (1992-2017). <i>Earth System Science Data</i> , <b>2018</b> , 10, 1491-1501	10.5	126
46	Palaeoproductivity at the Antarctic continental margin: opal and barium records for the last 400 ka. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>1998</b> , 139, 195-211	2.9	80
45	Terrigenous sediment supply in the Scotia Sea (Southern Ocean): response to Late Quaternary ice dynamics in Patagonia and on the Antarctic Peninsula. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2000</b> , 162, 357-387	2.9	79
44	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
43	Late Quaternary Climatic Cycles as Recorded in Sediments from the Antarctic Continental Margin. <i>Antarctic Research Series</i> , <b>2013</b> , 349-376		65
42	PANGAEA – an information system for environmental sciences. <i>Computers and Geosciences</i> , <b>2002</b> , 28, 1201-1210	4.5	64
41	Holocene glacial-marine sedimentation, inner Scoresby Sund, East Greenland: the influence of fast-flowing ice-sheet outlet glaciers. <i>Marine Geology</i> , <b>2001</b> , 175, 103-129	3.3	64
40	Distribution of clay minerals and proxies for productivity in surface sediments of the Bellingshausen and Amundsen seas (West Antarctica) [Relation to modern environmental conditions. <i>Marine Geology</i> , <b>2003</b> , 193, 253-271	3.3	62
39	Sediment redistribution versus paleoproductivity change: Weddell Sea margin sediment stratigraphy and biogenic particle flux of the last 250,000 years deduced from <sup>230</sup> Th <sub>ex</sub> , <sup>10</sup> Be and biogenic barium profiles. <i>Earth and Planetary Science Letters</i> , <b>1995</b> , 136, 559-573	5.3	62
38	Data publication in the open access initiative. <i>Data Science Journal</i> , <b>2006</b> , 5, 79-83	2	58
37	The sedimentary legacy of a palaeo-ice stream on the shelf of the southern Bellingshausen Sea: Clues to West Antarctic glacial history during the Late Quaternary. <i>Quaternary Science Reviews</i> , <b>2010</b> , 29, 2741-2763	3.9	49
36	Benthic Foraminiferal Assemblages and the <sup>13</sup> C-Signal in the Atlantic Sector of the Southern Ocean: Glacial-to-Interglacial Contrasts <b>1994</b> , 105-144		45

35	The sedimentary record of the last glaciation in the western Bellingshausen Sea (West Antarctica): Implications for the interpretation of diamictites in a polar-marine setting. <i>Marine Geology</i> , <b>2005</b> , 216, 191-204	3.3	42
34	Stable isotope stratigraphy from the Antarctic continental margin during the last one million years. <i>Marine Geology</i> , <b>1989</b> , 87, 315-321	3.3	42
33	Volcanic time-markers for Marine Isotopic Stages 6 and 5 in Southern Ocean sediments and Antarctic ice cores: implications for tephra correlations between palaeoclimatic records. <i>Quaternary Science Reviews</i> , <b>2008</b> , 27, 518-540	3.9	40
32	Clay minerals in the sediments of Lake Baikal; a useful climate proxy. <i>Journal of Sedimentary Research</i> , <b>1999</b> , 69, 588-596	2.1	40
31	Late Quaternary sedimentation in Keiser Franz Joseph Fjord and the continental margin of East Greenland. <i>Geological Society Special Publication</i> , <b>2002</b> , 203, 149-179	1.7	30
30	No evidence for a Pleistocene collapse of the West Antarctic Ice Sheet from continental margin sediments recovered in the Amundsen Sea. <i>Geo-Marine Letters</i> , <b>2002</b> , 22, 51-59	1.9	28
29	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
28	Latest Pleistocene to Holocene changes in glaciomarine sedimentation in Scoresby Sund and along the adjacent East Greenland Continental Margin: Preliminary results. <i>Geo-Marine Letters</i> , <b>1993</b> , 13, 9-16	1.9	27
27	Clay mineral provenance of sediments in the southern Bellingshausen Sea reveals drainage changes of the West Antarctic Ice Sheet during the Late Quaternary. <i>Marine Geology</i> , <b>2009</b> , 265, 1-18	3.3	26
26	Quaternary sediment patterns in the Weddell Sea: Relations and environmental conditions. <i>Paleoceanography</i> , <b>1988</b> , 3, 551-561		25
25	Magnetic susceptibility and ice-rafted debris in surface sediments of the Nordic Seas: implications for Isotope Stage 3 oscillations. <i>Geo-Marine Letters</i> , <b>2002</b> , 22, 1-11	1.9	24
24	The southern Weddell Sea: combined contourite-turbidite sedimentation at the southeastern margin of the Weddell Gyre. <i>Geological Society Memoir</i> , <b>2002</b> , 22, 305-323	0.4	19
23	Stable Isotope Record and Late Quaternary Sedimentation Rates at the Antarctic Continental Margin <b>1990</b> , 539-572		17
22	Scientific data must be made available to all. <i>Nature</i> , <b>2001</b> , 414, 393	50.4	14
21	Terrigenous Sediment Supply in the Polar to Temperate South Atlantic: Land-Ocean Links of Environmental Changes during the Late Quaternary <b>2003</b> , 375-399		13
20	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
19	Magnetic susceptibility and ice-rafted debris in surface sediments of the Atlantic sector of the Southern Ocean. <i>Geo-Marine Letters</i> , <b>2002</b> , 22, 170-180	1.9	12
18	The EPICA Dronning Maud Land deep drilling operation. <i>Annals of Glaciology</i> , <b>2014</b> , 55, 355-366	2.5	10

17	Copepod species abundance from the Southern Ocean and other regions (1980–2005) data legacy. <i>Earth System Science Data</i> , <b>2018</b> , 10, 1457-1471	10.5	10
16	From pole to pole: 33 years of physical oceanography onboard R/V <i>Albatross</i> ; Polarstern. <i>Earth System Science Data</i> , <b>2017</b> , 9, 211-220	10.5	10
15	Sedimentation processes on the antarctic continental margin at Kapp Norvegia during the late Pleistocene. <i>Geologische Rundschau: Zeitschrift Fur Allgemeine Geologie</i> , <b>1986</b> , 75, 97-104		8
14	Late Quaternary record of sea-level changes in the Antarctic. <i>Geologische Rundschau: Zeitschrift Fur Allgemeine Geologie</i> , <b>1993</b> , 82, 263		6
13	30 years of upper air soundings on board of R/V <i>Albatross</i> ; POLARSTERN. <i>Earth System Science Data</i> , <b>2016</b> , 8, 213-220	10.5	6
12	Fazielle Gliederung glazialmariner Sediments in the Antarctic. <i>Facies</i> , <b>1987</b> , 17, 99-107	1.8	5
11	Seabed images from Southern Ocean shelf regions off the northern Antarctic Peninsula and in the southeastern Weddell Sea. <i>Earth System Science Data</i> , <b>2017</b> , 9, 461-469	10.5	5
10	New insights from multi-proxy data from the West Antarctic continental rise: Implications for dating and interpreting Late Quaternary palaeoenvironmental records. <i>Quaternary Science Reviews</i> , <b>2021</b> , 257, 106842	3.9	5
9	Facies of late Quaternary Sediments of the Antarctic Ocean. <i>Zeitschrift Der Deutschen Geologischen Gesellschaft</i> , <b>1993</b> , 144, 330-351		4
8	Oligocene to Quaternary Sedimentation Processes on the Antarctic Continental Margin ODP Leg 113 Site 693		4
7	Archiving and Distributing Earth-Science Data with the PANGAEA Information System <b>2006</b> , 403-406		4
6	Management of (pale-)oceanographic data sets using the PANGAEA information system: the SINOPS example. <i>Computers and Geosciences</i> , <b>2002</b> , 28, 789-798	4.5	3
5	Baseline Surface Radiation Network (BSRN): structure and data description (1992–2017)		3
4	Rescued from the deep: Publishing scientific ocean drilling long tail data. <i>GeoResJ</i> , <b>2015</b> , 6, 17-20		2
3	PANGAEA information system for glaciological data management. <i>Annals of Glaciology</i> , <b>1998</b> , 27, 655-660.5		2
2	The IPY 2007–2008 data legacy – creating open data from IPY publications. <i>Earth System Science Data</i> , <b>2015</b> , 7, 239-244	10.5	0
1	The GIK-Archive of sediment core radiographs with documentation. <i>Earth System Science Data</i> , <b>2017</b> , 9, 969-976	10.5	