

Gabriele Uenzelmann-Neben

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.

86
papers

1,589
citations

23
h-index

35
g-index

99
ext. papers

1,818
ext. citations

3.9
avg, IF

4.86
L-index

#	Paper	IF	Citations
86	On the paleo footprint of Cape Darnley Bottom Water off MacRobertson Land Shelf, East Antarctica. <i>Marine Geology</i> , 2022 , 445, 106735	3.3	
85	Past Antarctic ice sheet dynamics (PAIS) and implications for future sea-level change 2022 , 689-768		4
84	Decadal climate sensitivity of contouritic sedimentation in a dynamically coupled ice-ocean-sediment model of the North Atlantic. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021 , 572, 110391	2.9	0
83	Evidence for a Highly Dynamic West Antarctic Ice Sheet During the Pliocene. <i>Geophysical Research Letters</i> , 2021 , 48, e2021GL093103	4.9	0
82	Footprints of palaeocurrents in sedimentary sequences of the Cenozoic across the Maurice Ewing Bank. <i>Marine Geology</i> , 2021 , 438, 106525	3.3	1
81	The Evolving Paleobathymetry of the Circum-Antarctic Southern Ocean Since 34 Ma: A Key to Understanding Past Cryosphere-Ocean Developments. <i>Geochemistry, Geophysics, Geosystems</i> , 2020 , 21, e2020GC009122	3.6	20
80	Temperate rainforests near the South Pole during peak Cretaceous warmth. <i>Nature</i> , 2020 , 580, 81-86	50.4	30
79	Variations in ice-sheet dynamics along the Amundsen Sea and Bellingshausen Sea West Antarctic Ice Sheet margin. <i>Bulletin of the Geological Society of America</i> , 2019 , 131, 479-498	3.9	4
78	A New Seismic Stratigraphy in the Indian-Atlantic Ocean Gateway Resembles Major Paleo-Oceanographic Changes of the Last 7 Ma. <i>Geochemistry, Geophysics, Geosystems</i> , 2019 , 20, 339-358	3.6	3
77	Elevated geothermal surface heat flow in the Amundsen Sea Embayment, West Antarctica. <i>Earth and Planetary Science Letters</i> , 2019 , 506, 530-539	5.3	7
76	Nature and origin of the Mozambique Ridge, SW Indian Ocean. <i>Chemical Geology</i> , 2019 , 507, 9-22	4.2	11
75	Multiphase magmatic and tectonic evolution of a large igneous province - Evidence from the crustal structure of the Manihiki Plateau, western Pacific. <i>Tectonophysics</i> , 2019 , 750, 434-457	3.1	4
74	The Southwest Indian Ocean Bathymetric Compilation (swIOBC). <i>Geochemistry, Geophysics, Geosystems</i> , 2018 , 19, 968-976	3.6	7
73	Late Cretaceous onset of current controlled sedimentation in the African Southern Ocean gateway. <i>Marine Geology</i> , 2018 , 395, 380-396	3.3	8
72	Bathymetric controls on calving processes at Pine Island Glacier. <i>Cryosphere</i> , 2018 , 12, 2039-2050	5.5	14
71	Neogene Modifications of Circulation in the Northeastern African-Southern Ocean Gateway. <i>Geochemistry, Geophysics, Geosystems</i> , 2018 , 19, 4673-4693	3.6	3
70	Chronology of Greenland Scotland Ridge overflow: What do we really know?. <i>Marine Geology</i> , 2018 , 406, 109-118	3.3	9

69	Transition from the Cretaceous ocean to Cenozoic circulation in the western South Atlantic DA twofold reconstruction. <i>Tectonophysics</i> , 2017 , 716, 225-240	3.1	25
68	The Mozambique Ridge: a document of massive multistage magmatism. <i>Geophysical Journal International</i> , 2017 , 208, 449-467	2.6	22
67	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> , 2017 , 18, 4235-4250	3.6	6
66	The spatial extent of the Deep Western Boundary Current into the Bounty Trough: new evidence from parasound sub-bottom profiling. <i>Marine Geophysical Researches</i> , 2016 , 37, 145-158	2.3	2
65	Tectonic dissection and displacement of parts of Shona hotspot volcano 3500 km along the Agulhas-Falkland Fracture Zone. <i>Geology</i> , 2016 , 44, 263-266	5	17
64	Evolution of the northern Argentine margin during the Cenozoic controlled by bottom current dynamics and gravitational processes. <i>Geochemistry, Geophysics, Geosystems</i> , 2016 , 17, 3131-3149	3.6	10
63	The Manihiki Plateau—key to missing hotspot tracks?. <i>Geophysical Journal International</i> , 2016 , 206, 731-741	2.6	1
62	Contourite drifts as indicators of Cenozoic bottom water intensity in the eastern Agulhas Ridge area, South Atlantic. <i>Marine Geology</i> , 2016 , 378, 350-360	3.3	14
61	Paleocene Pacific Plate reorganization mirrored in formation of the Suvarov Trough, Manihiki Plateau. <i>Journal of Geophysical Research: Solid Earth</i> , 2016 , 121, 7013-7023	3.6	3
60	Preglacial to glacial sediment thickness grids for the Southern Pacific Margin of West Antarctica. <i>Geochemistry, Geophysics, Geosystems</i> , 2016 , 17, 4276-4285	3.6	15
59	A sediment budget for the Transkei Basin, Southwest Indian Ocean. <i>Marine Geophysical Researches</i> , 2015 , 36, 281-291	2.3	4
58	Using seismic reflection data to reveal high-resolution structure and pathway of the upper Western Boundary Undercurrent core at Eirik Drift. <i>Marine Geophysical Researches</i> , 2015 , 36, 343-353	2.3	3
57	The Deep Western Boundary Current at the Bounty Trough, east of New Zealand: Indications for its activity already before the opening of the Tasmanian Gateway. <i>Marine Geology</i> , 2015 , 362, 60-75	3.3	10
56	The Manihiki Plateau—A multistage volcanic emplacement history. <i>Geochemistry, Geophysics, Geosystems</i> , 2015 , 16, 2480-2498	3.6	23
55	Playing jigsaw with Large Igneous Provinces—A plate tectonic reconstruction of Ontong Java Nui, West Pacific. <i>Geochemistry, Geophysics, Geosystems</i> , 2015 , 16, 3789-3807	3.6	35
54	Development of the Western Boundary Undercurrent at Eirik Drift related to changing climate since the early Miocene. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2014 , 93, 21-34	2.5	12
53	Early glaciation already during the Early Miocene in the Amundsen Sea, Southern Pacific: Indications from the distribution of sedimentary sequences. <i>Global and Planetary Change</i> , 2014 , 120, 92-104	4.2	16
52	Slowdown of Circumpolar Deepwater flow during the Late Neogene: Evidence from a mudwave field at the Argentine continental slope. <i>Geophysical Research Letters</i> , 2014 , 41, 2070-2076	4.9	9

51	The diverse crustal structure and magmatic evolution of the Manihiki Plateau, central Pacific 2014 ,		1
50	Nonlinear sediment thickness increase on the western East Pacific Rise flank, 45°S. <i>Geo-Marine Letters</i> , 2013 , 33, 381-390	1.9	
49	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
48	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> , 2013 , 344, 115-131	3.3	48
47	Intraplate volcanism off South Greenland: caused by glacial rebound?. <i>Geophysical Journal International</i> , 2012 , 190, 1-7	2.6	13
46	Amundsen Sea sediment drifts: Archives of modifications in oceanographic and climatic conditions. <i>Marine Geology</i> , 2012 , 299-302, 51-62	3.3	29
45	Did massive glacial dewatering modify sedimentary structures on the Amundsen Sea Embayment shelf, West Antarctica?. <i>Global and Planetary Change</i> , 2012 , 92-93, 8-16	4.2	7
44	Variations in sediment transport at the central Argentine continental margin during the Cenozoic. <i>Geochemistry, Geophysics, Geosystems</i> , 2012 , 13, n/a-n/a	3.6	20
43	Variations in bottom water activity at the southern Argentine margin: indications from a seismic analysis of a continental slope terrace. <i>Geo-Marine Letters</i> , 2011 , 31, 405-417	1.9	20
42	GROWTH AND DISPERSAL OF A SOUTHEAST AFRICAN LARGE IGNEOUS PROVINCE. <i>South African Journal of Geology</i> , 2011 , 114, 379-386	1.6	39
41	PALAEOCEANOGRAPHIC INTERPRETATION OF A SEISMIC PROFILE FROM THE SOUTHERN MOZAMBIQUE RIDGE, SOUTHWESTERN INDIAN OCEAN. <i>South African Journal of Geology</i> , 2011 , 114, 449-458	1.6	8
40	Giant mounded drifts in the Argentine Continental Margin: Origins, and global implications for the history of thermohaline circulation. <i>Marine and Petroleum Geology</i> , 2010 , 27, 1508-1530	4.7	85
39	Sedimentary deposits on the southern South African continental margin: Slumping versus non-deposition or erosion by oceanic currents?. <i>Marine Geology</i> , 2009 , 266, 65-79	3.3	16
38	Late Cenozoic ice sheet cyclicity in the western Amundsen Sea Embayment [Evidence from seismic records. <i>Global and Planetary Change</i> , 2009 , 69, 162-169	4.2	15
37	Extensional and magmatic nature of the Campbell Plateau and Great South Basin from deep crustal studies. <i>Tectonophysics</i> , 2009 , 472, 213-225	3.1	27
36	Southern African continental margin: Dynamic processes of a transform margin. <i>Geochemistry, Geophysics, Geosystems</i> , 2009 , 10, n/a-n/a	3.6	39
35	The Agulhas Plateau: structure and evolution of a Large Igneous Province. <i>Geophysical Journal International</i> , 2008 , 174, 336-350	2.6	58
34	Conspicuous seismic reflections in Upper Cretaceous sediments as evidence for black shales off South Africa. <i>Marine and Petroleum Geology</i> , 2008 , 25, 989-999	4.7	2

33	The Late Quaternary sedimentary record in Scoresby Sund, East Greenland. <i>Boreas</i> , 2008 , 23, 294-310	2.4	50
32	Indications for bottom current activity since Eocene times: The climate and ocean gateway archive of the Transkei Basin, South Africa. <i>Global and Planetary Change</i> , 2008 , 60, 416-428	4.2	26
31	Late Pliocene climate changes documented in seismic and palynology data at the southwest African Margin. <i>Global and Planetary Change</i> , 2008 , 63, 31-39	4.2	2
30	The present and past bottom-current flow regime around the sediment drifts on the continental rise west of the Antarctic Peninsula. <i>Marine Geology</i> , 2008 , 255, 55-63	3.3	39
29	Deep crustal structure of the sheared South African continental margin: first results of the Agulhas-Karoo Geoscience Transect. <i>South African Journal of Geology</i> , 2007 , 110, 393-406	1.6	19
28	Is the Bounty Trough off eastern New Zealand an aborted rift?. <i>Journal of Geophysical Research</i> , 2007 , 112,		30
27	Orbital forced cyclicity of reflector strength in the seismic records of the Cape Basin. <i>Geophysical Research Letters</i> , 2007 , 34,	4.9	3
26	West Antarctic ice sheet change since the Last Glacial Period. <i>Eos</i> , 2007 , 88, 189-190	1.5	17
25	Early Pliocene change of deposition style in the Cape Basin, southeastern Atlantic. <i>Bulletin of the Geological Society of America</i> , 2007 , 119, 1004-1013	3.9	5
24	Seismostratigraphic analysis of the Transkei Basin: A history of deep sea current controlled sedimentation. <i>Marine Geology</i> , 2007 , 240, 99-111	3.3	28
23	Cenozoic oceanic circulation within the South African gateway: indications from seismic stratigraphy. <i>South African Journal of Geology</i> , 2007 , 110, 275-294	1.6	23
22	Neogene sediment structures in Bounty Trough, eastern New Zealand: Influence of magmatic and oceanic current activity. <i>Bulletin of the Geological Society of America</i> , 2006 , preprint, 1	3.9	3
21	Depositional patterns at Drift 7, Antarctic Peninsula: Along-slope versus down-slope sediment transport as indicators for oceanic currents and climatic conditions. <i>Marine Geology</i> , 2006 , 233, 49-62	3.3	35
20	Tying seismic data to geologic information from core data: an example from ODP Leg 177. <i>Geo-Marine Letters</i> , 2006 , 26, 235-248	1.9	2
19	Cenozoic bottom current sedimentation in the Cape basin, South Atlantic. <i>Geophysical Journal International</i> , 2005 , 161, 325-333	2.6	10
18	The Agulhas Ridge, South Atlantic: The Peculiar Structure of a Fracture Zone. <i>Marine Geophysical Researches</i> , 2004 , 25, 305-319	2.3	12
17	Sediment deposits in the Cape Basin: Indications for shifting ocean currents?. <i>AAPG Bulletin</i> , 2004 , 88, 765-780	2.5	18
16	Congo Fan Neogene and Quaternary Sedimentation: Interplay of Riverine and Current Induced Deposition 2003 , 279-293		

15	The southern Weddell Sea: combined contourite-turbidite sedimentation at the southeastern margin of the Weddell Gyre. <i>Geological Society Memoir</i> , 2002 , 22, 305-323	0.4	19
14	Contourites on the Agulhas Plateau, SW Indian Ocean: indications for the evolution of currents since Palaeogene times. <i>Geological Society Memoir</i> , 2002 , 22, 271-288	0.4	11
13	Seismic evidence for bottom current activity at the Agulhas Ridge. <i>Global and Planetary Change</i> , 2002 , 34, 185-198	4.2	19
12	The crustal role of the Agulhas Plateau, southwest Indian Ocean: evidence from seismic profiling. <i>Geophysical Journal International</i> , 2001 , 144, 632-646	2.6	45
11	Seismic characteristics of sediment drifts: An example from the Agulhas Plateau, southwest Indian Ocean. <i>Marine Geophysical Researches</i> , 2001 , 22, 323-343	2.3	32
10	Agulhas Plateau, SW Indian Ocean: New evidence for excessive volcanism. <i>Geophysical Research Letters</i> , 1999 , 26, 1941-1944	4.9	20
9	LATE CENOZOIC SEISMIC STRATIGRAPHY AND GLACIAL GEOLOGICAL DEVELOPMENT OF THE EAST GREENLAND AND SVALBARD-BARENTS SEA CONTINENTAL MARGINS. <i>Quaternary Science Reviews</i> , 1998 , 17, 155-184	3.9	111
8	Neogene sedimentation history of the Congo Fan. <i>Marine and Petroleum Geology</i> , 1998 , 15, 635-650	4.7	41
7	A seismic reconnaissance survey of the northern Congo Fan. <i>Marine Geology</i> , 1997 , 140, 283-306	3.3	22
6	Seismic evidence for long-term history of glaciation on central East Greenland shelf south of Scoresby Sund. <i>Geo-Marine Letters</i> , 1995 , 15, 63-70	1.9	24
5	Lomonosov Ridge: A double-sided continental margin. <i>Geology</i> , 1992 , 20, 887	5	102
4	The Aegir Ridge: Structure of an extinct spreading axis. <i>Journal of Geophysical Research</i> , 1992 , 97, 9203		7
3	Cenozoic subsidence of the Outer Vøring Plateau. <i>Marine Geology</i> , 1991 , 101, 1-9	3.3	2
2	Developing community-based scientific priorities and new drilling proposals in the southern Indian and southwestern Pacific oceans. <i>Scientific Drilling</i> , 24, 61-70		2
1	IODP workshop: developing scientific drilling proposals for the Argentina Passive Volcanic Continental Margin (APVCM) Basin evolution, deep biosphere, hydrates, sediment dynamics and ocean evolution. <i>Scientific Drilling</i> , 22, 49-61		1