

# Gabriele Uenzelmann-Neben

## List of Publications by Year in descending order

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88  
papers

2,047  
citations

201385

27  
h-index

288905

40  
g-index

99  
all docs

99  
docs citations

99  
times ranked

1737  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lomonosov Ridgeâ€”A double-sided continental margin. <i>Geology</i> , 1992, 20, 887.	2.0	121
2	LATE CENOZOIC SEISMIC STRATIGRAPHY AND GLACIAL GEOLOGICAL DEVELOPMENT OF THE EAST GREENLAND AND SVALBARDâ€”BARENTS SEA CONTINENTAL MARGINS. <i>Quaternary Science Reviews</i> , 1998, 17, 155-184.	1.4	118
3	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.	1.5	99
4	The Agulhas Plateau: structure and evolution of a Large Igneous Province. <i>Geophysical Journal International</i> , 2008, 174, 336-350.	1.0	71
5	Temperate rainforests near the South Pole during peak Cretaceous warmth. <i>Nature</i> , 2020, 580, 81-86.	13.7	69
6	The Late Quaternary sedimentary record in Scoresby Sund, East Greenland. <i>Boreas</i> , 1994, 23, 294-310.	1.2	57
7	The crustal role of the Agulhas Plateau, southwest Indian Ocean: evidence from seismic profiling. <i>Geophysical Journal International</i> , 2001, 144, 632-646.	1.0	56
8	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.	0.9	54
9	GROWTH AND DISPERSAL OF A SOUTHEAST AFRICAN LARGE IGNEOUS PROVINCE. <i>South African Journal of Geology</i> , 2011, 114, 379-386.	0.6	48
10	Neogene sedimentation history of the Congo Fan. <i>Marine and Petroleum Geology</i> , 1998, 15, 635-650.	1.5	47
11	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.	0.9	47
12	Southern African continental margin: Dynamic processes of a transform margin. <i>Geochemistry, Geophysics, Geosystems</i> , 2009, 10, .	1.0	46
13	Playing jigsaw with Large Igneous Provincesâ€”A plate tectonic reconstruction of Ontong Java Nui, West Pacific. <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 3789-3807.	1.0	46
14	Title is missing!. <i>Marine Geophysical Researches</i> , 2001, 22, 323-343.	0.5	40
15	Transition from the Cretaceous ocean to Cenozoic circulation in the western South Atlantic â€” A twofold reconstruction. <i>Tectonophysics</i> , 2017, 716, 225-240.	0.9	39
16	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.	0.9	37
17	Amundsen Sea sediment drifts: Archives of modifications in oceanographic and climatic conditions. <i>Marine Geology</i> , 2012, 299-302, 51-62.	0.9	36
18	Is the Bounty Trough off eastern New Zealand an aborted rift?. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	34

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19	Extensional and magmatic nature of the Campbell Plateau and Great South Basin from deep crustal studies. <i>Tectonophysics</i> , 2009, 472, 213-225.	0.9	34
20	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.	1.0	34
21	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.	1.6	32
22	A seismic reconnaissance survey of the northern Congo Fan. <i>Marine Geology</i> , 1997, 140, 283-306.	0.9	31
23	Seismostratigraphic analysis of the Transkei Basin: A history of deep sea current controlled sedimentation. <i>Marine Geology</i> , 2007, 240, 99-111.	0.9	31
24	The Manihiki Plateau—A multistage volcanic emplacement history. <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 2480-2498.	1.0	31
25	The Mozambique Ridge: a document of massive multistage magmatism. <i>Geophysical Journal International</i> , 2017, 208, 449-467.	1.0	31
26	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.	0.5	30
27	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.	0.9	30
28	Agulhas Plateau, SW Indian Ocean: New evidence for excessive volcanism. <i>Geophysical Research Letters</i> , 1999, 26, 1941-1944.	1.5	29
29	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.	2.0	29
30	Cenozoic oceanic circulation within the South African gateway: indications from seismic stratigraphy. <i>South African Journal of Geology</i> , 2007, 110, 275-294.	0.6	28
31	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.	0.6	28
32	Variations in sediment transport at the central Argentine continental margin during the Cenozoic. <i>Geochemistry, Geophysics, Geosystems</i> , 2012, 13, .	1.0	28
33	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.	0.9	26
34	Seismic evidence for bottom current activity at the Agulhas Ridge. <i>Global and Planetary Change</i> , 2002, 34, 185-198.	1.6	26
35	Nature and origin of the Mozambique Ridge, SW Indian Ocean. <i>Chemical Geology</i> , 2019, 507, 9-22.	1.4	26
36	Sediment deposits in the Cape Basin: Indications for shifting ocean currents?. <i>AAPG Bulletin</i> , 2004, 88, 765-780.	0.7	23

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37	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.	0.5	23
38	Preglacial to glacial sediment thickness grids for the Southern Pacific Margin of West Antarctica. <i>Geochemistry, Geophysics, Geosystems</i> , 2016, 17, 4276-4285.	1.0	23
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.	0.9	21
40	West Antarctic ice sheet change since the Last Glacial Period. <i>Eos</i> , 2007, 88, 189-190.	0.1	20
41	Bathymetric controls on calving processes at Pine Island Glacier. <i>Cryosphere</i> , 2018, 12, 2039-2050.	1.5	20
42	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.	1.6	19
43	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.	1.6	17
44	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.	0.9	17
45	Intraplate volcanism off South Greenland: caused by glacial rebound?. <i>Geophysical Journal International</i> , 2012, 190, 1-7.	1.0	16
46	Chronology of Greenland Scotland Ridge overflow: What do we really know?. <i>Marine Geology</i> , 2018, 406, 109-118.	0.9	16
47	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.	0.9	15
48	The Agulhas Ridge, South Atlantic: The Peculiar Structure of a Fracture Zone. <i>Marine Geophysical Researches</i> , 2004, 25, 305-319.	0.5	15
49	Cenozoic bottom current sedimentation in the Cape basin, South Atlantic. <i>Geophysical Journal International</i> , 2005, 161, 325-333.	1.0	15
50	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.	0.6	14
51	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.	1.0	14
52	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.	0.9	12
53	Late Cretaceous onset of current controlled sedimentation in the African – Southern Ocean gateway. <i>Marine Geology</i> , 2018, 395, 380-396.	0.9	11
54	The Southwest Indian Ocean Bathymetric Compilation (swIOBC). <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 968-976.	1.0	10

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55	The Aegir Ridge: Structure of an extinct spreading axis. <i>Journal of Geophysical Research</i> , 1992, 97, 9203-9218.	3.3	9
56	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.	0.6	9
57	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.	1.6	9
58	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.	1.5	9
59	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.	1.0	9
60	A New Seismic Stratigraphy in the Indian Atlantic Ocean Gateway Resembles Major Paleocœceanographic Changes of the Last 7 Ma. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 339-358.	1.0	9
61	Elevated geothermal surface heat flow in the Amundsen Sea Embayment, West Antarctica. <i>Earth and Planetary Science Letters</i> , 2019, 506, 530-539.	1.8	9
62	Evidence for a Highly Dynamic West Antarctic Ice Sheet During the Pliocene. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093103.	1.5	9
63	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.	0.9	8
64	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.	1.6	7
65	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.	1.5	6
66	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.	1.6	6
67	Past Antarctic ice sheet dynamics (PAIS) and implications for future sea-level change. , 2022, , 689-768.		6
68	Magma giant. <i>Nature Geoscience</i> , 2013, 6, 902-903.	5.4	5
69	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.	1.4	5
70	Orbital forced cyclicity of reflector strength in the seismic records of the Cape Basin. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	4
71	A sediment budget for the Transkei Basin, Southwest Indian Ocean. <i>Marine Geophysical Researches</i> , 2015, 36, 281-291.	0.5	4
72	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.	1.6	3

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73	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.	0.5	3
74	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.	0.5	3
75	Neogene Modifications of Circulation in the Northeastern African–Southern Ocean Gateway. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 4673-4693.	1.0	3
76	Footprints of palaeocurrents in sedimentary sequences of the Cenozoic across the Maurice Ewing Bank. <i>Marine Geology</i> , 2021, 438, 106525.	0.9	3
77	Deep water inflow slowed offshore expansion of the West Antarctic Ice Sheet at the Eocene-Oligocene transition. <i>Communications Earth &amp; Environment</i> , 2022, 3, .	2.6	3
78	Cenozoic subsidence of the Outer VÃrjng Plateau. <i>Marine Geology</i> , 1991, 101, 1-9.	0.9	2
79	Tying seismic data to geologic information from core data: an example from ODP Leg 177. <i>Geo-Marine Letters</i> , 2006, 26, 235-248.	0.5	2
80	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.	1.6	2
81	Developing community-based scientific priorities and new drilling proposals in the southern Indian and southwestern Pacific oceans. <i>Scientific Drilling</i> , 0, 24, 61-70.	1.0	2
82	The Manihiki Plateau–a key to missing hotspot tracks?. <i>Geophysical Journal International</i> , 2016, 206, 731-741.	1.0	1
83	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.	1.0	1
84	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> , 0, 22, 49-61.	1.0	1
85	Nonlinear sediment thickness increase on the western East Pacific Rise flank, 45°S. <i>Geo-Marine Letters</i> , 2013, 33, 381-390.	0.5	0
86	An introductory note from the new editors. <i>Geo-Marine Letters</i> , 2018, 38, 193-193.	0.5	0
87	Congo Fan Neogene and Quaternary Sedimentation: Interplay of Riverine and Current Induced Deposition. , 2003, , 279-293.		0
88	On the paleo footprint of Cape Darnley Bottom Water off MacRobertson Land Shelf, East Antarctica. <i>Marine Geology</i> , 2022, 445, 106735.	0.9	0