

German L Leitchenkov

List of Publications by Year in descending order

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35
papers

2,939
citations

430874

18
h-index

414414

32
g-index

36
all docs

36
docs citations

36
times ranked

3730
citing authors

#	ARTICLE	IF	CITATIONS
1	Bedmap2: improved ice bed, surface and thickness datasets for Antarctica. <i>Cryosphere</i> , 2013, 7, 375-393.	3.9	1,455
2	Major Australian-Antarctic Plate Reorganization at Hawaiian-Emperor Bend Time. <i>Science</i> , 2007, 318, 83-86.	12.6	264
3	Global sediment thickness data set updated for the Australian Antarctic Southern Ocean. <i>Geochemistry, Geophysics, Geosystems</i> , 2013, 14, 3297-3305.	2.5	166
4	A roadmap for Antarctic and Southern Ocean science for the next two decades and beyond. <i>Antarctic Science</i> , 2015, 27, 3-18.	0.9	158
5	Antarctic topography at the Eocene-Oligocene boundary. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2012, 335-336, 24-34.	2.3	151
6	Glaciomarine turbidite and current controlled deposits in Prydz Bay, Antarctica. <i>Marine Geology</i> , 1992, 108, 365-381.	2.1	80
7	Reconstructions of Antarctic topography since the Eocene-Oligocene boundary. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019, 535, 109346.	2.3	78
8	New Antarctic gravity anomaly grid for enhanced geodetic and geophysical studies in Antarctica. <i>Geophysical Research Letters</i> , 2016, 43, 600-610.	4.0	74
9	Small ocean basin development along the Scotia-Antarctica plate boundary and in the northern Weddell Sea. <i>Tectonophysics</i> , 1998, 296, 371-402.	2.2	56
10	Crustal structure and tectonic provinces of the Riiser-Larsen Sea area (East Antarctica): results of geophysical studies. <i>Marine Geophysical Researches</i> , 2008, 29, 135-158.	1.2	46
11	Topographic controls on post-Oligocene changes in ice-sheet dynamics, Prydz Bay region, East Antarctica. <i>Geology</i> , 2004, 32, 197.	4.4	42
12	Lithofacies distribution in relation to the geomorphic provinces of Prydz Bay, East Antarctica. <i>Antarctic Science</i> , 1998, 10, 227-235.	0.9	34
13	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.	2.5	34
14	Interplay of turbidite and contourite deposition along the Cosmonaut Sea/Enderby Land margin, East Antarctica. <i>Marine Geology</i> , 2005, 217, 143-159.	2.1	28
15	Tie points for Gondwana reconstructions from a structural interpretation of the Mozambique Basin, East Africa and the Riiser-Larsen Sea, Antarctica. <i>Solid Earth</i> , 2018, 9, 25-37.	2.8	24
16	Geology and environments of subglacial Lake Vostok. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2016, 374, 20140302.	3.4	21
17	Bedrock Erosion Surfaces Record Former East Antarctic Ice Sheet Extent. <i>Geophysical Research Letters</i> , 2018, 45, 4114-4123.	4.0	21
18	Input of Glaciomarine Sediments along the East Antarctic Continental Margin; Depositional Processes on the Cosmonaut Sea Continental Slope and Rise and a Regional Acoustic Stratigraphic Correlation from 40° W to 80° E. <i>Marine Geophysical Researches</i> , 2004, 25, 247-263.	1.2	18

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19	Seismic morphology and distribution of inferred glaciomarine deposits along the East Antarctic continental margin, 20°E–60°E. <i>Marine Geology</i> , 2007, 237, 207-223.	2.1	18
20	The Role of Lithospheric Flexure in the Landscape Evolution of the Wilkes Subglacial Basin and Transantarctic Mountains, East Antarctica. <i>Journal of Geophysical Research F: Earth Surface</i> , 2019, 124, 812-829.	2.8	17
21	Seismic expression of glaciomarine deposits in the eastern Riiser Larsen Sea, Antarctica. <i>Marine Geology</i> , 2004, 207, 1-15.	2.1	16
22	Crustal Structure and Sedimentation in Powell Basin. <i>Antarctic Research Series</i> , 0, , 75-93.	0.2	15
23	Evolution of the Karoo-Maud mantle plume in Antarctica and its influence on the magmatism of the early stages of Indian ocean opening. <i>Geochemistry International</i> , 2009, 47, 1-17.	0.7	14
24	Continental slope and rise geomorphology seaward of the Totten Glacier, East Antarctica (112°E-122°E). <i>Marine Geology</i> , 2020, 427, 106221.	2.1	14
25	Chapter 5 Cenozoic Climate History from Seismic Reflection and Drilling Studies on the Antarctic Continental Margin. <i>Developments in Earth and Environmental Sciences</i> , 2008, 8, 115-234.	0.1	12
26	The Cosmonaut Sea Wedge. <i>Marine Geophysical Researches</i> , 2008, 29, 51-69.	1.2	11
27	A seismo-stratigraphic analysis of glaciomarine deposits in the eastern Riiser-Larsen Sea (Antarctica). <i>Marine Geophysical Researches</i> , 2007, 28, 43-57.	1.2	9
28	Evidence for a Highly Dynamic West Antarctic Ice Sheet During the Pliocene. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093103.	4.0	9
29	Depositional and erosional signatures in sedimentary successions on the continental slope and rise off Prydz Bay, East Antarctica— implications for Pliocene paleoclimate. <i>Marine Geology</i> , 2020, 430, 106339.	2.1	8
30	Deglaciation of Prydz Bay, East Antarctica, Based on Echo Sounding and Topographic Features. <i>Antarctic Research Series</i> , 0, , 109-126.	0.2	7
31	The influence of Totten Glacier on the Late Cenozoic sedimentary record. <i>Antarctic Science</i> , 2020, 32, 288-300.	0.9	6
32	Past Antarctic ice sheet dynamics (PAIS) and implications for future sea-level change. , 2022, , 689-768.		6
33	Magmatism of the Karoo-Maud superplume in the Schirmacher Oasis, East Antarctica. <i>Doklady Earth Sciences</i> , 2006, 406, 128-131.	0.7	5
34	Cenozoic history of Antarctic glaciation and climate from onshore and offshore studies. , 2022, , 41-164.		3
35	First information about the geology of central Antarctica based on study of mineral inclusions in ice cores of the Vostok station borehole. <i>Doklady Earth Sciences</i> , 2011, 440, 1207-1211.	0.7	2