

Yoshifumi Nogi

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

2,270
citations

516561

16
h-index

454834

30
g-index

38
all docs

38
docs citations

38
times ranked

3049
citing authors

#	ARTICLE	IF	CITATIONS
1	A New Tectonic Model Between the Madagascar Ridge and Del Cano Rise in the Indian Ocean. <i>Journal of Geophysical Research: Solid Earth</i> , 2022, 127, .	1.4	1
2	The International Bathymetric Chart of the Southern Ocean Version 2. <i>Scientific Data</i> , 2022, 9, .	2.4	28
3	A bathymetric compilation of the Cape Darnley region, East Antarctica. <i>Antarctic Science</i> , 2021, 33, 548-559.	0.5	5
4	Seasonal Evolution of Cape Darnley Bottom Water Revealed by Mooring Measurements. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	4
5	Development of AUV MONACA - Hover-Capable Platform for Detailed Observation Under Ice “”. <i>Journal of Robotics and Mechatronics</i> , 2021, 33, 1223-1233.	0.5	2
6	Strong ice-ocean interaction beneath Shirase Glacier Tongue in East Antarctica. <i>Nature Communications</i> , 2020, 11, 4221.	5.8	33
7	Geological subdivision of the “Lützow-Holm Complex in East Antarctica: From the Neoproterozoic to the Neoproterozoic. <i>Polar Science</i> , 2020, 26, 100606.	0.5	15
8	Freshening of Antarctic Bottom Water Off Cape Darnley, East Antarctica. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2020JC016374.	1.0	15
9	Hardware Design of Variable and Compact AUV “MONACA” for Under-Ice Survey of Antarctica. , 2019, , .		3
10	New Magnetic Anomaly Map of the Antarctic. <i>Geophysical Research Letters</i> , 2018, 45, 6437-6449.	1.5	78
11	Phylogenomics and Morphology of Extinct Paleognaths Reveal the Origin and Evolution of the Ratites. <i>Current Biology</i> , 2017, 27, 68-77.	1.8	123
12	Crustal formation and evolution processes in the Natal Valley and Mozambique Ridge, off South Africa. <i>Polar Science</i> , 2017, 13, 66-81.	0.5	16
13	Precise gravity-field modeling in the area of the Japanese Antarctic station Syowa and evaluation of recent EGMs. <i>Polar Science</i> , 2016, 10, 101-109.	0.5	0
14	Electrical resistivity structure under the western Cosmonauts Sea at the continental margin of East Antarctica inferred via a marine magnetotelluric experiment. <i>Polar Science</i> , 2015, 9, 221-234.	0.5	0
15	The Mantle Dynamics, the Crustal Formation, and the Hydrothermal Activity of the Southern Mariana Trough Back-Arc Basin. , 2015, , 215-227.		2
16	Examination of Volcanic Activity: AUV and Submersible Observations of Fine-Scale Lava Flow Distributions Along the Southern Mariana Trough Spreading Axis. , 2015, , 469-478.		1
17	Sediment waves on the Conrad Rise, Southern Indian Ocean: Implications for the migration history of the Antarctic Circumpolar Current. <i>Marine Geology</i> , 2014, 348, 27-36.	0.9	8
18	Geological structures inferred from airborne geophysical surveys around Lützow-Holm Bay, East Antarctica. <i>Precambrian Research</i> , 2013, 234, 279-287.	1.2	24

#	ARTICLE	IF	CITATIONS
19	Discovery of a new hydrothermal vent based on an underwater, high-resolution geophysical survey. Deep-Sea Research Part I: Oceanographic Research Papers, 2013, 74, 1-10.	0.6	63
20	Geologic evolution of the Sør Rondane Mountains, East Antarctica: Collision tectonics proposed based on metamorphic processes and magnetic anomalies. Precambrian Research, 2013, 234, 8-29.	1.2	63
21	Sinistral transpressional and extensional tectonics in Dronning Maud Land, East Antarctica, including the Sør Rondane Mountains. Precambrian Research, 2013, 234, 30-46.	1.2	19
22	Seafloor structure near the epicenter of the great 25 March 1998 Antarctic Plate earthquake. Journal of Geophysical Research: Solid Earth, 2013, 118, 13-21.	1.4	10
23	Bedmap2: improved ice bed, surface and thickness datasets for Antarctica. Cryosphere, 2013, 7, 375-393.	1.5	1,455
24	Discovery and characterization of a new hydrothermal vent based on magnetic and acoustic surveys. , 2013, , .		1
25	Ocean bottom pressure variability in the Antarctic Divergence Zone off Lützow-Holm Bay, East Antarctica. Deep-Sea Research Part I: Oceanographic Research Papers, 2012, 60, 22-31.	0.6	8
26	High resolution optically stimulated luminescence dating of a sediment core from the southwestern Sea of Okhotsk. Geochemistry, Geophysics, Geosystems, 2012, 13, .	1.0	13
27	New aeromagnetic data from the western Enderby Basin and consequences for Antarctica-India breakup. Geophysical Research Letters, 2010, 37, .	1.5	37
28	High resolution OSL dating back to MIS 5e in the central Sea of Okhotsk. Quaternary Geochronology, 2010, 5, 293-298.	0.6	27
29	Numerical modelling study on the flexural uplift of the Transantarctic Mountains. Geophysical Journal International, 2008, 174, 377-390.	1.0	15
30	Macroscopic geological structures of the Napier and Rayner Complexes, East Antarctica. Geological Society Special Publication, 2008, 308, 139-146.	0.8	10
31	Distinct regional differences in crustal thickness along the axis of the Mariana Trough, inferred from gravity anomalies. Geochemistry, Geophysics, Geosystems, 2006, 7, n/a-n/a.	1.0	36
32	An Interpretation of the Seafloor Spreading History of the West Enderby Basin between Initial Breakup of Gondwana and Anomaly C34. Marine Geophysical Researches, 2004, 25, 221-231.	0.5	19
33	Development of oceanic detachment and asymmetric spreading at the Australian-Antarctic Discordance. Geochemistry, Geophysics, Geosystems, 2004, 5, n/a-n/a.	1.0	76
34	Atmospheric methane over the North Pacific from 1987 to 1993.. Geochemical Journal, 1996, 30, 1-15.	0.5	13
35	Magnetic anomaly lineations and fracture zones deduced from vector magnetic anomalies in the West Enderby Basin. Geological Society Special Publication, 1996, 108, 265-273.	0.8	9
36	A New Method For Precise Determination of the Position and Strike of Magnetic Boundaries Using Vector Data of the Geomagnetic Anomaly Field. Geophysical Journal International, 1993, 113, 155-164.	1.0	36

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37	Enhanced and asymmetric melting beneath the southern Mariana back-arc spreading center under the influence of Pacific plate subduction. <i>Journal of Geophysical Research: Solid Earth</i> , , .	1.4	1