

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	Bedmap2: improved ice bed, surface and thickness datasets for Antarctica. <i>Cryosphere</i> , 2013, 7, 375-393.	1.5	1,455
2	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
3	New Magnetic Anomaly Map of the Antarctic. <i>Geophysical Research Letters</i> , 2018, 45, 6437-6449.	1.5	78
4	Development of oceanic detachment and asymmetric spreading at the Australian-Antarctic Discordance. <i>Geochemistry, Geophysics, Geosystems</i> , 2004, 5, n/a-n/a.	1.0	76
5	Discovery of a new hydrothermal vent based on an underwater, high-resolution geophysical survey. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2013, 74, 1-10.	0.6	63
6	Geologic evolution of the Sør Rondane Mountains, East Antarctica: Collision tectonics proposed based on metamorphic processes and magnetic anomalies. <i>Precambrian Research</i> , 2013, 234, 8-29.	1.2	63
7	New aeromagnetic data from the western Enderby Basin and consequences for Antarctica-India breakup. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	37
8	A New Method For Precise Determination of the Position and Strike of Magnetic Boundaries Using Vector Data of the Geomagnetic Anomaly Field. <i>Geophysical Journal International</i> , 1993, 113, 155-164.	1.0	36
9	Distinct regional differences in crustal thickness along the axis of the Mariana Trough, inferred from gravity anomalies. <i>Geochemistry, Geophysics, Geosystems</i> , 2006, 7, n/a-n/a.	1.0	36
10	Strong ice-ocean interaction beneath Shirase Glacier Tongue in East Antarctica. <i>Nature Communications</i> , 2020, 11, 4221.	5.8	33
11	The International Bathymetric Chart of the Southern Ocean Version 2. <i>Scientific Data</i> , 2022, 9, .	2.4	28
12	High resolution OSL dating back to MIS 5e in the central Sea of Okhotsk. <i>Quaternary Geochronology</i> , 2010, 5, 293-298.	0.6	27
13	Geological structures inferred from airborne geophysical surveys around Lützow-Holm Bay, East Antarctica. <i>Precambrian Research</i> , 2013, 234, 279-287.	1.2	24
14	An Interpretation of the Seafloor Spreading History of the West Enderby Basin between Initial Breakup of Gondwana and Anomaly C34. <i>Marine Geophysical Researches</i> , 2004, 25, 221-231.	0.5	19
15	Sinistral transpressional and extensional tectonics in Dronning Maud Land, East Antarctica, including the Sør Rondane Mountains. <i>Precambrian Research</i> , 2013, 234, 30-46.	1.2	19
16	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
17	Numerical modelling study on the flexural uplift of the Transantarctic Mountains. <i>Geophysical Journal International</i> , 2008, 174, 377-390.	1.0	15
18	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

#	ARTICLE	IF	CITATIONS
19	Freshening of Antarctic Bottom Water Off Cape Darnley, East Antarctica. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2020JC016374.	1.0	15
20	Atmospheric methane over the North Pacific from 1987 to 1993.. <i>Geochemical Journal</i> , 1996, 30, 1-15.	0.5	13
21	High resolution optically stimulated luminescence dating of a sediment core from the southwestern Sea of Okhotsk. <i>Geochemistry, Geophysics, Geosystems</i> , 2012, 13, .	1.0	13
22	Macroscopic geological structures of the Napier and Rayner Complexes, East Antarctica. <i>Geological Society Special Publication</i> , 2008, 308, 139-146.	0.8	10
23	Seafloor structure near the epicenter of the great 25 March 1998 Antarctic Plate earthquake. <i>Journal of Geophysical Research: Solid Earth</i> , 2013, 118, 13-21.	1.4	10
24	Magnetic anomaly lineations and fracture zones deduced from vector magnetic anomalies in the West Enderby Basin. <i>Geological Society Special Publication</i> , 1996, 108, 265-273.	0.8	9
25	Ocean bottom pressure variability in the Antarctic Divergence Zone off L'Anse-au-Loup-Holm Bay, East Antarctica. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2012, 60, 22-31.	0.6	8
26	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
27	A bathymetric compilation of the Cape Darnley region, East Antarctica. <i>Antarctic Science</i> , 2021, 33, 548-559.	0.5	5
28	Seasonal Evolution of Cape Darnley Bottom Water Revealed by Mooring Measurements. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	4
29	Hardware Design of Variable and Compact AUV "MONACA" for Under-Ice Survey of Antarctica. , 2019, , .		3
30	The Mantle Dynamics, the Crustal Formation, and the Hydrothermal Activity of the Southern Mariana Trough Back-Arc Basin. , 2015, , 215-227.		2
31	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
32	Discovery and characterization of a new hydrothermal vent based on magnetic and acoustic surveys. , 2013, , .		1
33	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
34	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
35	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> , 0, , .	1.4	1
36	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

#	ARTICLE	IF	CITATIONS
37	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