

Toshiya Fujiwara

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,135
citations

623734

14
h-index

580821

25
g-index

28
all docs

28
docs citations

28
times ranked

1180
citing authors

#	ARTICLE	IF	CITATIONS
1	The 2011 Tohoku-Oki Earthquake: Displacement Reaching the Trench Axis. <i>Science</i> , 2011, 334, 1240-1240.	12.6	377
2	Coseismic fault rupture at the trench axis during the 2011 Tohoku-oki earthquake. <i>Nature Geoscience</i> , 2012, 5, 646-650.	12.9	193
3	Crustal Evolution of the Mid-Atlantic Ridge near the Fifteen-Twenty Fracture Zone in the last 5 Ma. <i>Geochemistry, Geophysics, Geosystems</i> , 2003, 4, .	2.5	81
4	Seamounts, knolls and petit- <i>à</i> -spot monogenetic volcanoes on the subducting Pacific Plate. <i>Basin Research</i> , 2008, 20, 543-553.	2.7	70
5	Learning from crustal deformation associated with the M9 2011 Tohoku-oki earthquake. , 2018, 14, 552-571.		58
6	Large fault slip peaking at trench in the 2011 Tohoku-oki earthquake. <i>Nature Communications</i> , 2017, 8, 14044.	12.8	56
7	Seafloor Displacement After the 2011 Tohoku-oki Earthquake in the Northern Japan Trench Examined by Repeated Bathymetric Surveys. <i>Geophysical Research Letters</i> , 2017, 44, 11,833.	4.0	35
8	Accretion, mass wasting, and partitioned strain over the 26 Dec 2004 Mw9.2 rupture offshore Aceh, northern Sumatra. <i>Earth and Planetary Science Letters</i> , 2007, 263, 16-31.	4.4	34
9	Advent of Continents: A New Hypothesis. <i>Scientific Reports</i> , 2016, 6, 33517.	3.3	33
10	Subsurface structure of the <i>à</i> -petit- <i>à</i> -spot- <i>à</i> -volcanoes on the northwestern Pacific Plate. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	29
11	Asymmetric accretion along the slow-spreading Mariana Ridge. <i>Geochemistry, Geophysics, Geosystems</i> , 2003, 4, .	2.5	25
12	Large Coseismic Slip to the Trench During the 2011 Tohoku-Oki Earthquake. <i>Annual Review of Earth and Planetary Sciences</i> , 2020, 48, 321-343.	11.0	23
13	Faulting and volcanism in the axial valley of the slow-spreading center of the Mariana back arc basin from Wadatsumi side-scan sonar images. <i>Geochemistry, Geophysics, Geosystems</i> , 2005, 6, n/a-n/a.	2.5	20
14	Friction properties of the plate boundary megathrust beneath the frontal wedge near the Japan Trench: an inference from topographic variation. <i>Earth, Planets and Space</i> , 2014, 66, .	2.5	19
15	Submarine lava flow emplacement and faulting in the axial valley of two morphologically distinct spreading segments of the Mariana back-arc basin from Wadatsumi side-scan sonar images. <i>Geochemistry, Geophysics, Geosystems</i> , 2007, 8, n/a-n/a.	2.5	16
16	Correlation of frontal prism structures and slope failures near the trench axis with shallow megathrust slip at the Japan Trench. <i>Scientific Reports</i> , 2020, 10, 11607.	3.3	12
17	Regional variation of magnetization of oceanic crust subducting beneath the Nankai Trough. <i>Geochemistry, Geophysics, Geosystems</i> , 2004, 5, .	2.5	11
18	Seafloor geomagnetic vector anomaly of the intersection of the Mid-Atlantic Ridge and the Kane Transform Fault: Implications for magnetization of the oceanic crust. <i>Journal of Geophysical Research</i> , 1998, 103, 30335-30349.	3.3	10

#	ARTICLE	IF	CITATIONS
19	Evaluation of spatial resolution and estimation error of seafloor displacement observation from vessel-based bathymetric survey by use of AUV-based bathymetric data. Marine Geophysical Researches, 2015, 36, 45-60.	1.2	8
20	Evidence for Mass Transport Deposits at the IODP JFAST-Site in the Japan Trench. Advances in Natural and Technological Hazards Research, 2014, , 33-43.	1.1	7
21	Geological structure of the offshore Sumatra forearc region estimated from high-resolution MCS reflection survey. Earth and Planetary Science Letters, 2014, 386, 41-51.	4.4	6
22	Subsurface Structure of the "Petit-spot" Intra-plate Volcanism, in the Northwestern Pacific. JAMSTEC Report of Research and Development, 2006, 3, 31-42.	0.2	5
23	Seafloor Geodesy From Repeated Multibeam Bathymetric Surveys: Application to Seafloor Displacement Caused by the 2011 Tohoku-Oki Earthquake. Frontiers in Earth Science, 2021, 9, .	1.8	2
24	Co-seismic displacement of the 2011 Tohoku-oki Earthquake reaching to the trench axis detected by differential bathymetry survey. Journal of the Geological Society of Japan, 2012, 118, 530-534.	0.6	2
25	Review of five years of activity at IFREE /JAMSTEC. JAMSTEC Report of Research and Development, 2009, 9, 2_43-2_94.	0.2	1
26	Detailed bathymetric features in the outer-arc high off the northwest Sumatra - results from KY09-09 cruise -. JAMSTEC Report of Research and Development, 2012, 15, 1-11.	0.2	1