

Ryosuke Ando

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

405
citations

840776

11
h-index

839539

18
g-index

20
all docs

20
docs citations

20
times ranked

426
citing authors

#	ARTICLE	IF	CITATIONS
1	Propagation dynamics of seismic and aseismic slip governed by fault heterogeneity and Newtonian rheology. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	76
2	Dynamic Rupture Simulation Reproduces Spontaneous Multifault Rupture and Arrest During the 2016 M_w 7.9 Kaikoura Earthquake. <i>Geophysical Research Letters</i> , 2018, 45, 12,875.	4.0	53
3	Effects of mesoscopic-scale fault structure on dynamic earthquake ruptures: Dynamic formation of geometrical complexity of earthquake faults. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	49
4	History of the great Kanto earthquakes inferred from the ages of Holocene marine terraces revealed by a comprehensive drilling survey. <i>Earth and Planetary Science Letters</i> , 2017, 471, 74-84.	4.4	39
5	Community-Driven Code Comparisons for Three-Dimensional Dynamic Modeling of Sequences of Earthquakes and Aseismic Slip. <i>Journal of Geophysical Research: Solid Earth</i> , 2022, 127, .	3.4	27
6	Mainshock and Aftershock Sequence Simulation in Geometrically Complex Fault Zones. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB020865.	3.4	26
7	Strength of tremor patches along deep transition zone of a megathrust. <i>Scientific Reports</i> , 2018, 8, 3655.	3.3	25
8	Deep roots of upper plate faults and earthquake generation illuminated by volcanism. <i>Geophysical Research Letters</i> , 2010, 37, .	4.0	22
9	Dynamic rupture propagation on geometrically complex fault with along-strike variation of fault maturity: insights from the 2014 Northern Nagano earthquake. <i>Earth, Planets and Space</i> , 2017, 69, .	2.5	22
10	Curvature, a mechanical link between the geometrical complexities of a fault: application to bends, kinks and rough faults. <i>Geophysical Journal International</i> , 2020, 223, 211-232.	2.4	19
11	An efficient boundary integral equation method applicable to the analysis of non-planar fault dynamics. <i>Earth, Planets and Space</i> , 2007, 59, 363-373.	2.5	14
12	Fast Domain Partitioning Method for dynamic boundary integral equations applicable to non-planar faults dipping in 3-D elastic half-space. <i>Geophysical Journal International</i> , 2016, 207, 833-847.	2.4	11
13	Paradox of modelling curved faults revisited with general non-hypersingular stress Green's functions. <i>Geophysical Journal International</i> , 2020, 223, 197-210.	2.4	5
14	Dynamic rupture simulation of 2018, Hokkaido Eastern Iburu earthquake: role of non-planar geometry. <i>Earth, Planets and Space</i> , 2020, 72, .	2.5	5
15	Cluster Analysis of Marine Terraces and Quantitative Seismotectonic Interpretation of the Boso Peninsula, Central Japan. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2019JB019211.	3.4	4
16	A log-linear time algorithm for the elastodynamic boundary integral equation method. <i>Engineering Analysis With Boundary Elements</i> , 2021, 133, 407-450.	3.7	4
17	Ordinary and Slow Earthquakes Reproduced in a Simple Continuum System With Stochastic Temporal Stress Fluctuations. <i>Geophysical Research Letters</i> , 2019, 46, 14347-14357.	4.0	3
18	On Applications of Fast Domain Partitioning Method to Earthquake Simulations with Spatiotemporal Boundary Integral Equation Method. <i>Mathematics for Industry</i> , 2018, , 87-99.	0.4	1