

Dunyu Liu

List of Publications by Year in descending order

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9
papers

227
citations

1478505

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h-index

1474206

9
g-index

13
all docs

13
docs citations

13
times ranked

175
citing authors

#	ARTICLE	IF	CITATIONS
1	Observation-constrained Multicycle Dynamic Models of the Southern San Andreas and the Northern San Jacinto Faults: Addressing Complexity in Paleoearthquake Extent and Recurrence With Realistic 2D Fault Geometry. <i>Journal of Geophysical Research: Solid Earth</i> , 2022, 127, .	3.4	2
2	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
3	Observation-constrained multicycle dynamic models of the Pingding Shan earthquake gate along the Altyn Tagh Fault. <i>Tectonophysics</i> , 2021, 814, 228948.	2.2	8
4	EQsimu: a 3-D finite element dynamic earthquake simulator for multicycle dynamics of geometrically complex faults governed by rate- and state-dependent friction. <i>Geophysical Journal International</i> , 2020, 220, 598-609.	2.4	16
5	3D Finite-Element Modeling of Dynamic Rupture and Aseismic Slip over Earthquake Cycles on Geometrically Complex Faults. <i>Bulletin of the Seismological Society of America</i> , 2020, 110, 2619-2637.	2.3	10
6	Do earthquakes trigger mud volcanoes? A case study from the southern margin of the Junggar Basin, NW China. <i>Geological Journal</i> , 2019, 54, 1223-1237.	1.3	2
7	Scenario Earthquake and Ground-Motion Simulations in North China: Effects of Heterogeneous Fault Stress and 3D Basin Structure. <i>Bulletin of the Seismological Society of America</i> , 2018, 108, 2148-2169.	2.3	13
8	A Suite of Exercises for Verifying Dynamic Earthquake Rupture Codes. <i>Seismological Research Letters</i> , 2018, 89, 1146-1162.	1.9	142
9	Seismic shaking in the North China Basin expected from ruptures of a possible seismic gap. <i>Geophysical Research Letters</i> , 2017, 44, 4855-4862.	4.0	7