

Kate Huihsuan Chen

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

596
citations

623734

14
h-index

610901

24
g-index

30
all docs

30
docs citations

30
times ranked

549
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards a universal rule on the recurrence interval scaling of repeating earthquakes?. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	89
2	Characteristic repeating earthquakes in an arc-continent collision boundary zone: The Chihshang fault of eastern Taiwan. <i>Earth and Planetary Science Letters</i> , 2008, 276, 262-272.	4.4	67
3	Postseismic variations in seismic moment and recurrence interval of repeating earthquakes. <i>Earth and Planetary Science Letters</i> , 2010, 299, 118-125.	4.4	61
4	Do earthquakes talk to each other? Triggering and interaction of repeating sequences at Parkfield. <i>Journal of Geophysical Research: Solid Earth</i> , 2013, 118, 165-182.	3.4	50
5	Variability of repeating earthquake behavior along the Longitudinal Valley fault zone of eastern Taiwan. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	29
6	Repeating earthquakes and seismic potential along the northern Longitudinal Valley fault of eastern Taiwan. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	28
7	Creeping faults: Good news, bad news?. <i>Reviews of Geophysics</i> , 2017, 55, 282-286.	23.0	26
8	Tomography of the source zone of the 2016 South Taiwan earthquake. <i>Geophysical Journal International</i> , 2016, 207, 635-643.	2.4	23
9	Ambient tremors in a collisional orogenic belt. <i>Geophysical Research Letters</i> , 2014, 41, 1485-1491.	4.0	22
10	Thrust-type focal mechanisms of tectonic tremors in Taiwan: Evidence of subduction. <i>Geophysical Research Letters</i> , 2015, 42, 3248-3256.	4.0	21
11	Citizen Earthquake Science in Taiwan: From Science to Hazard Mitigation. <i>Journal of Disaster Research</i> , 2017, 12, 1174-1181.	0.7	21
12	Tidal Modulation and Tectonic Implications of Tremors in Taiwan. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 5945-5964.	3.4	18
13	Triggering Effect of M 4-5 Earthquakes on the Earthquake Cycle of Repeating Events at Parkfield, California. <i>Bulletin of the Seismological Society of America</i> , 2010, 100, 522-531.	2.3	16
14	High-frequency waves guided by the subducted plates underneath Taiwan and their association with seismic intensity anomalies. <i>Journal of Geophysical Research: Solid Earth</i> , 2013, 118, 665-680.	3.4	16
15	Structural control on the 2018 and 2019 Hualien earthquakes in Taiwan. <i>Physics of the Earth and Planetary Interiors</i> , 2021, 312, 106673.	1.9	13
16	Observations of changes in waveform character induced by the 1999 Mw7.6 Chi-Chi earthquake. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	4.0	12
17	Near-surface versus fault zone damage following the 1999 Chi-Chi earthquake: Observation and simulation of repeating earthquakes. <i>Journal of Geophysical Research: Solid Earth</i> , 2015, 120, 2426-2445.	3.4	10
18	The role of a hidden fault in stress triggering: Stress interactions within the 1935 Mw 7.1 Hsinchu-Taichung earthquake sequence in central Taiwan. <i>Tectonophysics</i> , 2013, 601, 37-52.	2.2	9

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19	Earthquake School in the Cloud: Citizen Seismologists in Taiwan. <i>Seismological Research Letters</i> , 2016, 87, 177-185.	1.9	9
20	Earthquake swarms in Taiwan: A composite declustering method for detection and their spatial characteristics. <i>Earth and Planetary Science Letters</i> , 2021, 574, 117160.	4.4	9
21	Can slip heterogeneity be linked to earthquake recurrence?. <i>Geophysical Research Letters</i> , 2016, 43, 6916-6923.	4.0	8
22	Probing the Variation in Aseismic Slip Behavior Around an Active Suture Zone: Observations of Repeating Earthquakes in Eastern Taiwan. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2019JB018561.	3.4	8
23	Influences on the location of repeating earthquakes determined from <i>a</i> and <i>b</i> value imaging. <i>Geophysical Research Letters</i> , 2017, 44, 6675-6682.	4.0	7
24	Anisotropy in the subducting slab: Observations from Philippine Sea plate events in Taiwan. <i>Geophysical Research Letters</i> , 2015, 42, 10,248.	4.0	5
25	Investigation of Single-Station Classification for Short Tectonic Tremor in Taiwan. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 8803-8822.	3.4	4
26	Evaluating the Association Between Tectonic Tremors and Earthquakes in Taiwan From 7 Years Catalogs. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 3950-3965.	3.4	4
27	Coulomb stress changes triggering surface pop-up during the 2016 Mw 6.4 Meinong earthquake with implications for earthquake-induced mud diapiring in SW Taiwan. <i>Journal of Asian Earth Sciences</i> , 2021, 218, 104847.	2.3	4
28	Characteristics and impact of environmental shaking in the Taipei metropolitan area. <i>Scientific Reports</i> , 2022, 12, 743.	3.3	4
29	Citizen Seismology in Taiwan: Development, Outreach, and Formative Assessment of Near-Real Time Earthquake Game Competition Activities. <i>Frontiers in Earth Science</i> , 2020, 8, .	1.8	2
30	Why and How to Write a High-Impact Review Paper: Lessons From Eight Years of Editorial Board Service to <i>Reviews of Geophysics</i> . <i>Reviews of Geophysics</i> , 2017, 55, 860-863.	23.0	1