

Miao Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3619309/publications.pdf>

Version: 2024-02-01

27
papers

851
citations

566801

15
h-index

552369

26
g-index

30
all docs

30
docs citations

30
times ranked

626
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid Earthquake Association and Location. <i>Seismological Research Letters</i> , 2019, 90, 2276-2284.	0.8	114
2	An effective method for small event detection: match and locate (M&L). <i>Geophysical Journal International</i> , 2015, 200, 1523-1537.	1.0	105
3	Rapid Characterization of the July 2019 Ridgecrest, California, Earthquake Sequence From Raw Seismic Data Using Machine Learning Phase Picker. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086189.	1.5	72
4	Machine-Learning-Based High-Resolution Earthquake Catalog Reveals How Complex Fault Structures Were Activated during the 2016–2017 Central Italy Sequence. <i>The Seismic Record</i> , 2021, 1, 11-19.	1.3	68
5	High-precision location and yield of North Korea's 2013 nuclear test. <i>Geophysical Research Letters</i> , 2013, 40, 2941-2946.	1.5	66
6	Source characteristics and geological implications of the January 2016 induced earthquake swarm near Crooked Lake, Alberta. <i>Geophysical Journal International</i> , 2017, 210, 979-988.	1.0	48
7	Injection-Induced Earthquakes on Complex Fault Zones of the Raton Basin Illuminated by Machine Learning Phase Picker and Dense Nodal Array. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088168.	1.5	45
8	LOC-FLOW: An End-to-End Machine Learning-Based High-Precision Earthquake Location Workflow. <i>Seismological Research Letters</i> , 2022, 93, 2426-2438.	0.8	43
9	Real-Time Earthquake Early Warning With Deep Learning: Application to the 2016 M 6.0 Central Apennines, Italy Earthquake. <i>Geophysical Research Letters</i> , 2021, 48, 2020GL089394.	1.5	40
10	Seismological Evidence for a Low-Yield Nuclear Test on 12 May 2010 in North Korea. <i>Seismological Research Letters</i> , 2015, 86, 138-145.	0.8	35
11	Support Vector Machine Classification of Seismic Events in the Tianshan Orogenic Belt. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2019JB018132.	1.4	27
12	Seismicity Induced by Simultaneous Abrupt Changes of Injection Rate and Well Pressure in Hutubi Gas Field. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 5929-5944.	1.4	26
13	Insight Into Major Active Faults in Central Myanmar and the Related Geodynamic Sources. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086236.	1.5	22
14	Sequential Fault Reactivation and Secondary Triggering in the March 2019 Red Deer Induced Earthquake Swarm. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL090219.	1.5	19
15	Earthquake characteristics before eruptions of Japan's Ontake volcano in 2007 and 2014. <i>Geophysical Research Letters</i> , 2015, 42, 6982-6988.	1.5	17
16	Graphics Processing Unit-Based Match and Locate (GPU-M&L): An Improved Match and Locate Method and Its Application. <i>Seismological Research Letters</i> , 2020, 91, 1019-1029.	0.8	17
17	Seismology with Dark Data: Image-Based Processing of Analog Records Using Machine Learning for the Rangely Earthquake Control Experiment. <i>Seismological Research Letters</i> , 2019, 90, 553-562.	0.8	16
18	Multistage Nucleation of the 2021 Yangbi M _S 6.4 Earthquake, Yunnan, China and Its Foreshocks. <i>Journal of Geophysical Research: Solid Earth</i> , 2022, 127, .	1.4	16

#	ARTICLE	IF	CITATIONS
19	Machine-learning-based earthquake locations reveal the seismogenesis of the 2020 <i>M</i> _w 5.0 Qiaojia, Yunnan earthquake. <i>Geophysical Journal International</i> , 2021, 228, 1637-1647.	1.0	13
20	A new method for earthquake depth determination: stacking multiple-station autocorrelograms. <i>Geophysical Journal International</i> , 2014, 197, 1107-1116.	1.0	11
21	Raton Basin Induced Seismicity Is Hosted by Networks of Short Basement Faults and Mimics Tectonic Earthquake Statistics. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB022839.	1.4	9
22	Machine Learning-Based Earthquake Catalog and Tomography Characterize the Middle-Northern Section of the Xiaojiang Fault Zone. <i>Seismological Research Letters</i> , 2022, 93, 2484-2497.	0.8	9
23	Investigation of the 2013 Eryuan, Yunnan, China MS 5.5 Earthquake Sequence: Aftershock Migration, Seismogenic Structure and Hazard Implication. <i>Tectonophysics</i> , 2022, 837, 229445.	0.9	5
24	A new method for high-resolution event relocation and application to the aftershocks of Lushan Earthquake, China. <i>Journal of Geophysical Research: Solid Earth</i> , 2016, 121, 2539-2559.	1.4	3
25	Relative earthquake location procedure for clustered seismicity with a single station. <i>Geophysical Journal International</i> , 2021, 225, 608-626.	1.0	3
26	Source Characterization for Two Small Earthquakes in Dartmouth, Nova Scotia, Canada: Pushing the Limit of Single Station. <i>Seismological Research Letters</i> , 2021, 92, 2540-2550.	0.8	1
27	Hydraulic fracturing induced seismicity in western Canada: insights from focal mechanism and swarm analysis. , 2017, , .		1