Xueyi Shang

List of Publications by Year
in descending order

23 papers	455 citations

759055

713332

12 h-index	21 g-index

23 all docs	23 docs citations

23 times ranked	371 citing authors

#	Article	IF	Citations
1	Improving microseismic event and quarry blast classification using Artificial Neural Networks based on Principal Component Analysis. Soil Dynamics and Earthquake Engineering, 2017, 99, 142-149.	1.9	67
2	Identifying P phase arrival of weak events: The Akaike Information Criterion picking application based on the Empirical Mode Decomposition. Computers and Geosciences, 2017, 100, 57-66.	2.0	55
3	Identifying P -phase arrivals with noise: An improved Kurtosis method based on DWT and STA/LTA. Journal of Applied Geophysics, 2016, 133, 50-61.	0.9	48
4	Pointâ€Source Inversion of Small and Moderate Earthquakes From Pâ€wave Polarities and P/S Amplitude Ratios Within a Hierarchical Bayesian Framework: Implications for the Geysers Earthquakes. Journal of Geophysical Research: Solid Earth, 2020, 125, e2019JB018492.	1.4	36
5	Enhancing micro-seismic P-phase arrival picking: EMD-cosine function-based denoising with an application to the AIC picker. Journal of Applied Geophysics, 2018, 150, 325-337.	0.9	31
6	Time-lapse seismic tomography of an underground mining zone. International Journal of Rock Mechanics and Minings Sciences, 2018, 107, 136-149.	2.6	31
7	Acoustic emission source location from P-wave arrival time corrected data and virtual field optimization method. Mechanical Systems and Signal Processing, 2022, 163, 108129.	4.4	28
8	Data Field-Based K-Means Clustering for Spatio-Temporal Seismicity Analysis and Hazard Assessment. Remote Sensing, 2018, 10, 461.	1.8	21
9	Relocating Mining Microseismic Earthquakes in a 3-D Velocity Model Using a Windowed Cross-Correlation Technique. IEEE Access, 2020, 8, 37866-37878.	2.6	21
10	Enhancing seismic P phase arrival picking based on wavelet denoising and kurtosis picker. Journal of Seismology, 2018, 22, 21-33.	0.6	15
11	EEMD and Multiscale PCA-Based Signal Denoising Method and Its Application to Seismic P-Phase Arrival Picking. Sensors, 2021, 21, 5271.	2.1	15
12	Locating Mine Microseismic Events in a 3D Velocity Model through the Gaussian Beam Reverse-Time Migration Technique. Sensors, 2020, 20, 2676.	2.1	14
13	Acoustic Emission Response Mechanism of Hydraulic Fracturing in Different Coal and Rock: A Laboratory Study. Rock Mechanics and Rock Engineering, 2022, 55, 4657-4672.	2.6	13
14	An Improved P-Phase Arrival Picking Method S/L-K-A with an Application to the Yongshaba Mine in China. Pure and Applied Geophysics, 2018, 175, 2121-2139.	0.8	11
15	A Novel Method for Estimating Acoustic Emission b Value Using Improved Magnitudes. IEEE Sensors Journal, 2021, 21, 16701-16708.	2.4	11
16	Distribution Characteristics of Mining-Induced Seismicity Revealed by 3-D Ray-Tracing Relocation and the FCM Clustering Method. Rock Mechanics and Rock Engineering, 2019, 52, 183-197.	2.6	10
17	Data field application in removing large P-phase arrival picking errors and relocating a mine microseismic event. Soil Dynamics and Earthquake Engineering, 2020, 139, 106359.	1.9	9
18	Acoustic emission source location on a cylindrical shell structure through grouped sensors based analytical solution and data field theory. Applied Acoustics, 2022, 192, 108747.	1.7	5

#	Article	IF	Citations
19	Rock Fracture Monitoring Based on High-Precision Microseismic Event Location Using 3D Multiscale Waveform Inversion. Geofluids, 2020, 2020, 1-18.	0.3	4
20	High-Accuracy Location of Microseismic Events in a Strong Inhomogeneous Mining Environment by Optimized Global Full Waveform Inversion. Applied Sciences (Switzerland), 2020, 10, 7205.	1.3	4
21	Double event joint location method considering P-wave arrival time system errors. Soil Dynamics and Earthquake Engineering, 2021, 149, 106890.	1.9	4
22	K-Means Cluster for Seismicity Partitioning and Geological Structure Interpretation, with Application to the Yongshaba Mine (China). Shock and Vibration, 2017, 2017, 1-11.	0.3	2
23	Microseismic source location using a 3D velocity model: From the ray tracing method to waveform inversion. IOP Conference Series: Earth and Environmental Science, 2021, 861, 042025.	0.2	0