

Xueyi Shang

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Acoustic emission source location from P-wave arrival time corrected data and virtual field optimization method. <i>Mechanical Systems and Signal Processing</i> , 2022, 163, 108129.	4.4	28
2	Acoustic emission source location on a cylindrical shell structure through grouped sensors based analytical solution and data field theory. <i>Applied Acoustics</i> , 2022, 192, 108747.	1.7	5
3	Acoustic Emission Response Mechanism of Hydraulic Fracturing in Different Coal and Rock: A Laboratory Study. <i>Rock Mechanics and Rock Engineering</i> , 2022, 55, 4657-4672.	2.6	13
4	A Novel Method for Estimating Acoustic Emission b Value Using Improved Magnitudes. <i>IEEE Sensors Journal</i> , 2021, 21, 16701-16708.	2.4	11
5	EEMD and Multiscale PCA-Based Signal Denoising Method and Its Application to Seismic P-Phase Arrival Picking. <i>Sensors</i> , 2021, 21, 5271.	2.1	15
6	Double event joint location method considering P-wave arrival time system errors. <i>Soil Dynamics and Earthquake Engineering</i> , 2021, 149, 106890.	1.9	4
7	Microseismic source location using a 3D velocity model: From the ray tracing method to waveform inversion. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 861, 042025.	0.2	0
8	Point-Source Inversion of Small and Moderate Earthquakes From P-wave Polarities and P/S Amplitude Ratios Within a Hierarchical Bayesian Framework: Implications for the Geysers Earthquakes. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2019JB018492.	1.4	36
9	Rock Fracture Monitoring Based on High-Precision Microseismic Event Location Using 3D Multiscale Waveform Inversion. <i>Geofluids</i> , 2020, 2020, 1-18.	0.3	4
10	High-Accuracy Location of Microseismic Events in a Strong Inhomogeneous Mining Environment by Optimized Global Full Waveform Inversion. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 7205.	1.3	4
11	Data field application in removing large P-phase arrival picking errors and relocating a mine microseismic event. <i>Soil Dynamics and Earthquake Engineering</i> , 2020, 139, 106359.	1.9	9
12	Locating Mine Microseismic Events in a 3D Velocity Model through the Gaussian Beam Reverse-Time Migration Technique. <i>Sensors</i> , 2020, 20, 2676.	2.1	14
13	Relocating Mining Microseismic Earthquakes in a 3-D Velocity Model Using a Windowed Cross-Correlation Technique. <i>IEEE Access</i> , 2020, 8, 37866-37878.	2.6	21
14	Distribution Characteristics of Mining-Induced Seismicity Revealed by 3-D Ray-Tracing Relocation and the FCM Clustering Method. <i>Rock Mechanics and Rock Engineering</i> , 2019, 52, 183-197.	2.6	10
15	An Improved P-Phase Arrival Picking Method S/L-K-A with an Application to the Yongshaba Mine in China. <i>Pure and Applied Geophysics</i> , 2018, 175, 2121-2139.	0.8	11
16	Enhancing micro-seismic P-phase arrival picking: EMD-cosine function-based denoising with an application to the AIC picker. <i>Journal of Applied Geophysics</i> , 2018, 150, 325-337.	0.9	31
17	Enhancing seismic P phase arrival picking based on wavelet denoising and kurtosis picker. <i>Journal of Seismology</i> , 2018, 22, 21-33.	0.6	15
18	Time-lapse seismic tomography of an underground mining zone. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2018, 107, 136-149.	2.6	31

#	ARTICLE	IF	CITATIONS
19	Data Field-Based K-Means Clustering for Spatio-Temporal Seismicity Analysis and Hazard Assessment. Remote Sensing, 2018, 10, 461.	1.8	21
20	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
21	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
22	$\langle \text{mml:math xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"} \text{ id}=\text{"M1"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{K} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ -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	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