

# Xi-ling Liu

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

393  
citations

840776  
11  
h-index

752698  
20  
g-index

23  
all docs

23  
docs citations

23  
times ranked

186  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of attenuation on amplitude distribution and $b$ value in rock acoustic emission tests. Geophysical Journal International, 2022, 229, 933-947.	2.4	29
2	Acoustic Emission $b$ Value Characteristics of Granite under True Triaxial Stress. Mathematics, 2022, 10, 451.	2.2	27
3	The influence of friction on the determination of rock fracture toughness. Scientific Reports, 2022, 12, 7332.	3.3	5
4	Investigation on Rupture Initiation and Propagation of Traffic Tunnel under Seismic Excitation Based on Acoustic Emission Technology. Sensors, 2022, 22, 4553.	3.8	3
5	Research on Maximum Likelihood $b$ Value and Confidence Limits Estimation in Doubly Truncated Apparent Frequency Amplitude Distribution in Rock Acoustic Emission Tests. Mathematics, 2022, 10, 2409.	2.2	1
6	Investigation of Adsorption Kinetics and the Isotherm Mechanism of Manganese by Modified Diatomite. ACS Omega, 2021, 6, 16402-16409.	3.5	13
7	The Effects of Macroeconomic Factors on Road Traffic Safety: A Study Based on the ARDL-ECM Model. Sustainability, 2020, 12, 10262.	3.2	3
8	çœŸä,‰œ½ˆâ”âŠ,æŸä»ä,äŠë½½çŽŸä~¹æ±éŒ”äœŸä½çéššé”ä²©çŸŸä½±ä”çš,,è•é³Eç”ç©Ÿ. Journal of Central South University, 2020, 27, 3118-3132.	3.0	33
9	Effect of loading rate on fracture behaviors of shale under mode I loading. Journal of Central South University, 2020, 27, 3118-3132.	3.0	33
10	A New $b$ Value Estimation Method in Rock Acoustic Emission Testing. Journal of Geophysical Research: Solid Earth, 2020, 125, e2020JB019658.	3.4	30
11	Experimental study on the effect of strain rate on rock acoustic emission characteristics. International Journal of Rock Mechanics and Minings Sciences, 2020, 133, 104420.	5.8	115
12	Acoustic Emission RA-Value and Granite Fracture Modes Under Dynamic and Static Loads. Springer Proceedings in Physics, 2019, , 141-153.	0.2	0
13	Wavelet threshold de-noising of rock acoustic emission signals subjected to dynamic loads. Journal of Geophysics and Engineering, 2018, 15, 1160-1170.	1.4	16
14	Cap rock blast caving of cavity under open pit bench. Transactions of Nonferrous Metals Society of China, 2017, 27, 648-655.	4.2	4
15	Quantitative Evaluation and Case Study of Risk Degree for Underground Goafs with Multiple Indexes considering Uncertain Factors in Mines. Geofluids, 2017, 2017, 1-15.	0.7	18
16	Acoustic emission characteristics of rock under impact loading. Journal of Central South University, 2015, 22, 3571-3577.	3.0	34
17	A novel experimental system for performance evaluation of water powered percussive rock drill. Central South University, 2011, 18, 1902-1909.	0.5	0
18	Constitutive model of rock based on microstructures simulation. Central South University, 2008, 15, 230-236.	0.5	6

#	ARTICLE	IF	CITATIONS
19	3D cavity detection technique and its application based on cavity auto scanning laser system. Central South University, 2008, 15, 285-288.	0.5	13
20	Stress uniformity process of specimens in SHPB test under different loading conditions of rectangular and half-sine input waves. Transactions of Tianjin University, 2008, 14, 450-456.	6.4	7
21	Testing studies on rock failure modes of statically loads under dynamic loading. Transactions of Tianjin University, 2008, 14, 530-535.	6.4	2