

# Chun-lai Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

470  
citations

759190

12  
h-index

839512

18  
g-index

25  
all docs

25  
docs citations

25  
times ranked

318  
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of the spatial distribution pattern of 3D microcracks in single-cracked breakage. International Journal of Rock Mechanics and Minings Sciences, 2022, 154, 105126.	5.8	14
2	Experimental investigation on synergetic prediction of granite rockburst using rock failure time and acoustic emission energy. Journal of Central South University, 2022, 29, 1262-1273.	3.0	20
3	Predicting Time-to-Failure of Red Sandstone by Temporal Precursor of Acoustic Emission Signals. Geofluids, 2022, 2022, 1-11.	0.7	0
4	Three-Dimensional Crack Recognition by Unsupervised Machine Learning. Rock Mechanics and Rock Engineering, 2021, 54, 893-903.	5.4	21
5	Experimental validation of the predicted peak cutting force for seafloor polymetallic sulfide. Materialpruefung/Materials Testing, 2021, 63, 474-488.	2.2	1
6	Experimental investigation on synergetic prediction of rockburst using the dominant-frequency entropy of acoustic emission. Natural Hazards, 2021, 108, 3253-3270.	3.4	19
7	Laboratory and field investigations of different bolting configurations for coal mine roadways in weak coal strata. Bulletin of Engineering Geology and the Environment, 2021, 80, 8995-9013.	3.5	13
8	Stress-Energy Mechanism for Rock Failure Evolution Based on Damage Mechanics in Hard Rock. Rock Mechanics and Rock Engineering, 2020, 53, 1021-1037.	5.4	92
9	Experimental investigation on synergetic prediction of rockburst using the dominant-frequency entropy of acoustic emission. Natural Hazards, 2020, 108, 3253-3270.	3.0	21
10	Experimental investigation of predicting points using Tangent damage factor for limestone failure. Journal of Applied Geophysics, 2020, 178, 104056.	2.1	5
11	Experimental investigation of predicting coal failure using acoustic emission energy and load-unload response ratio theory. Journal of Applied Geophysics, 2019, 161, 76-83.	2.1	28
12	Three-dimensional Reconstruction and Growth Factor Model for Rock Cracks under Uniaxial Cyclic Loading/Unloading by X-ray CT. Geotechnical Testing Journal, 2019, 42, 117-135.	1.0	11
13	Evolution, Monitoring and Predicting Models of Rockburst. , 2018, , .		13
14	Improved energy balance theory applied to roadway support design in deep mining. Journal of Geophysics and Engineering, 2018, 15, 1588-1601.	1.4	12
15	Predicting Model of Rockburst Based on Nondeterministic Theory. , 2018, , 149-161.		2
16	Field Case. , 2018, , 163-188.		0
17	Mechanism and Predicting Theory-Based of Rockburst Evolution. , 2018, , 23-33.		0
18	Experimental Investigations on Multi-means and Synergistic Prediction for Rockburst. , 2018, , 107-147.		0

#	ARTICLE	IF	CITATIONS
19	Predicting points of the infrared precursor for limestone failure under uniaxial compression. International Journal of Rock Mechanics and Minings Sciences, 2016, 88, 34-43.	5.8	60
20	Predicting rockburst tendency based on fuzzy matterâ€“element model. International Journal of Rock Mechanics and Minings Sciences, 2015, 75, 224-232.	5.8	68
21	Characteristic Point of the Relatively Quiet Period for Limestone Failure Under Uniaxial Compression. Journal of Testing and Evaluation, 2015, 43, 1296-1307.	0.7	4
22	Variation regulation of the acoustic emission energy parameter during the failure process of granite under uniaxial compression. Materialpruefung/Materials Testing, 2015, 57, 755-760.	2.2	6
23	Identification of early-warning key point for rockmass instability using acoustic emission/microseismic activity monitoring. International Journal of Rock Mechanics and Minings Sciences, 2014, 71, 171-175.	5.8	39
24	Study on fractal characteristics of b value with microseismic activity in deep mining. Procedia Earth and Planetary Science, 2009, 1, 592-597.	0.6	19