

# Xuelin Yang

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

418  
citations

933447

10  
h-index

996975

15  
g-index

17  
all docs

17  
docs citations

17  
times ranked

349  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental study on the ratio model of similar materials in the simulation test of coal and gas outburst. <i>Scientific Reports</i> , 2021, 11, 13513.	3.3	5
2	An Experimental Study on the Particle Size and Shape Distribution of Coal Drill Cuttings by Dynamic Image Analysis. <i>Geofluids</i> , 2021, 2021, 1-11.	0.7	0
3	The effects of process parameters on the rock-breaking efficiency of multi-nozzle jet. <i>Journal of Petroleum Science and Engineering</i> , 2021, 206, 108857.	4.2	7
4	Numerical research on the dynamic rock-breaking process of impact drilling with multi-nozzle water jets. <i>Journal of Petroleum Science and Engineering</i> , 2021, 207, 109145.	4.2	15
5	Optimization and Field Application of CO <sub>2</sub> Gas Fracturing Technique for Enhancing CBM Extraction. <i>Natural Resources Research</i> , 2020, 29, 1875-1896.	4.7	20
6	Development characteristics and field detection of overburden fracture zone in multiseam mining: A case study. <i>Energy Science and Engineering</i> , 2020, 8, 602-615.	4.0	16
7	Study on the shear movement law of overlying strata by slice mining. <i>Energy Science and Engineering</i> , 2020, 8, 2335-2351.	4.0	4
8	In-site investigation of regional outburst prevention in coal roadway strip of a deep mine using an improved method. <i>Energy Science and Engineering</i> , 2020, 8, 3823-3838.	4.0	0
9	A Study on the Energy Condition and Quantitative Analysis of the Occurrence of a Coal and Gas Outburst. <i>Shock and Vibration</i> , 2019, 2019, 1-13.	0.6	12
10	Optimization and field application of water jet for coal bed methane stimulation. <i>Energy Science and Engineering</i> , 2019, 7, 3186-3203.	4.0	10
11	Experimental study of the impact of gas adsorption on coal and gas outburst dynamic effects. <i>Chemical Engineering Research and Design</i> , 2019, 128, 158-166.	5.6	60
12	Mechanical response characteristics and permeability evolution of coal samples under cyclic loading. <i>Energy Science and Engineering</i> , 2019, 7, 1588-1604.	4.0	11
13	Study on Roof-Coal Caving Characteristics with Complicated Structure by Fully Mechanized Caving Mining. <i>Shock and Vibration</i> , 2019, 2019, 1-20.	0.6	10
14	Experimental study on the overburden movement and stress evolution in multi-seam mining with residual pillars. <i>Energy Science and Engineering</i> , 2019, 7, 3095-3110.	4.0	18
15	Energy distribution and fractal characterization of acoustic emission (AE) during coal deformation and fracturing. <i>Measurement: Journal of the International Measurement Confederation</i> , 2019, 136, 122-131.	5.0	77
16	Environmentally friendly techniques for high gas content thick coal seam stimulation—multi-discharge CO <sub>2</sub> fracturing system. <i>Journal of Natural Gas Science and Engineering</i> , 2019, 61, 71-82.	4.4	47
17	Ground Subsidence and Surface Cracks Evolution from Shallow-Buried Close-Distance Multi-seam Mining: A Case Study in Bulianta Coal Mine. <i>Rock Mechanics and Rock Engineering</i> , 2019, 52, 2835-2852.	5.4	106