

Yangfeng Zheng

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

192
citations

1040056

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1199594

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12
docs citations

12
times ranked

86
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental study on pore structure evolution of coal in macroscopic, mesoscopic, and microscopic scales during liquid nitrogen cyclic cold-shock fracturing. <i>Fuel</i> , 2021, 291, 120150.	6.4	47
2	The influence of borehole arrangement of soundless cracking demolition agents (SCDAs) on weakening the hard rock. <i>International Journal of Mining Science and Technology</i> , 2021, 31, 197-207.	10.3	36
3	Damage and Failure of Hot Dry Rock under Cyclic Liquid Nitrogen Cold Shock Treatment: A Non-destructive Ultrasonic Test Method. <i>Natural Resources Research</i> , 2022, 31, 261-279.	4.7	18
4	Multifractal Analysis and Neural Network Prediction of Pore Structures in Coal Reservoirs Based on NMR T_2 Spectra. <i>Energy & Fuels</i> , 2021, 35, 11306-11318.	5.1	17
5	Investigation of non-isothermal effect of cyclic carbon dioxide on the petrography of coals for coal mine methane recovery. <i>Fuel</i> , 2021, 290, 120085.	6.4	16
6	Numerical simulation of expansion process of soundless cracking demolition agents by coupling finite difference and discrete element methods. <i>Computers and Geotechnics</i> , 2022, 146, 104699.	4.7	15
7	Experimental Study on the Effect of Coal Particle Size on the Mechanics, Pore Structure, and Permeability of Coal-like Materials for Low-Rank Coalbed Methane Reservoir Simulation. <i>Energy & Fuels</i> , 2021, 35, 17566-17579.	5.1	12
8	Deformation and fracture behavior of strong-weak coupling structure and its application in coal roadway instability prevention. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2022, 45, 203-221.	3.4	10
9	Dynamic Brazilian splitting experiment of bedding shale based on continuum-discrete coupled method. <i>International Journal of Impact Engineering</i> , 2022, 168, 104289.	5.0	10
10	Mechanical responses of coals under the effects of cyclical liquid CO ₂ during coalbed methane recovery process. <i>Fuel</i> , 2022, 308, 121890.	6.4	7
11	Brittleness Evolution of Different Rank Coals under the Effects of Cyclic Liquid CO ₂ during the Coalbed Methane Recovery Process. <i>Energy & Fuels</i> , 2021, 35, 17651-17662.	5.1	3
12	Research on the layout optimization and utilization of floor gas extraction roadway: a case study in Shoushan No.1 Coal Mine, China. <i>Arabian Journal of Geosciences</i> , 2022, 15, .	1.3	1