

Liang Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

402
citations

1163117

8
h-index

1125743

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15
all docs

15
docs citations

15
times ranked

443
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental study on gas adsorption and drainage of gas-bearing coal subjected to tree-type hydraulic fracturing. <i>Energy Reports</i> , 2022, 8, 649-660.	5.1	10
2	A Study of Variation in the Initiation Pressure and Fracture Distribution Patterns of Raw Coal in SC-CO ₂ Fracturing Under the True Tri-axial System. <i>Rock Mechanics and Rock Engineering</i> , 2022, 55, 3425-3438.	5.4	8
3	Modelling and simulation of earthquake-induced changes in methane emission from the working face in an underground coal mine. <i>Journal of Engineering</i> , 2022, 2022, 359-370.	1.1	0
4	Permeability Enhancement and Methane Drainage Capacity of Tree-type Boreholes to Stimulate Low-permeability Coal Seams. <i>Arabian Journal for Science and Engineering</i> , 2021, 46, 573-586.	3.0	9
5	Optimum Layout of Multiple Tree-type Boreholes in Low-Permeability Coal Seams to Improve Methane Drainage Performance. <i>Frontiers in Energy Research</i> , 2021, 9, .	2.3	2
6	Analytical and Experimental Investigation of Perforation Layout Parameters on Hydraulic Fracture Propagation. <i>Journal of Energy Resources Technology, Transactions of the ASME</i> , 2021, 143, .	2.3	9
7	Creep characteristics and constitutive model of coal under triaxial stress and gas pressure. <i>Energy Science and Engineering</i> , 2020, 8, 501-514.	4.0	15
8	Experimental research on desorption characteristics of gas-bearing coal subjected to mechanical vibration. <i>Energy Exploration and Exploitation</i> , 2020, 38, 1454-1466.	2.3	9
9	Development potential evaluation of CO ₂ -ECBM in abandoned coal mines. , 2020, 10, 643-658.		9
10	Tree-Type Boreholes in Coal Mines for Enhancing Permeability and Methane Drainage: Theory and an Industrial-Scale Field Trial. <i>Natural Resources Research</i> , 2020, 29, 3197-3213.	4.7	9
11	The use of AFM in quantitative analysis of pore characteristics in coal and coal-bearing shale. <i>Marine and Petroleum Geology</i> , 2019, 105, 331-337.	3.3	103
12	Fully Coupled Multi-Scale Model for Gas Extraction from Coal Seam Stimulated by Directional Hydraulic Fracturing. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4720.	2.5	10
13	Effect of water-to-cement ratio on sulfo-aluminate type cementitious grouting materials. <i>Magazine of Concrete Research</i> , 2019, 71, 298-308.	2.0	3
14	Mechanical behaviour of Longmaxi black shale saturated with different fluids: an experimental study. <i>RSC Advances</i> , 2017, 7, 42946-42955.	3.6	50
15	Development of the use of sulfo- and ferroaluminate cements in China. <i>Advances in Cement Research</i> , 1999, 11, 15-21.	1.6	156