

Fakai Wang

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

143
citations

1307594

7
h-index

1281871

11
g-index

21
all docs

21
docs citations

21
times ranked

164
citing authors

#	ARTICLE	IF	CITATIONS
1	Study on Factors Influencing the Viscosity of Sodium Carboxymethyl Cellulose Used in Capsule-Mucous Sealers. <i>Geofluids</i> , 2022, 2022, 1-9.	0.7	1
2	Determination of Key Technical Parameters in the Study of New Pressure Sealing Technology for Coal Seam Gas Extraction. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 4968.	2.6	5
3	Study on the Permeability Change Characteristic of Gas-Bearing Coal under Cyclic Loading and Unloading Path. <i>Geofluids</i> , 2021, 2021, 1-12.	0.7	3
4	Experimental study on adsorption promotion and desorption restraint of gas-containing coal in low-temperature environment. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	1.3	5
5	Research progress of disaster factors and a prevention alarm index of coal and gas outbursts. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	1.3	7
6	Gas Adsorption and Desorption Performance of Coal with Different Degree of Metamorphism. , 2021, , .		0
7	Moisture Content on Methane Desorption Characteristics in Coal and Its Effect on Outburst Prediction. <i>Advances in Civil Engineering</i> , 2021, 2021, 1-10.	0.7	1
8	Desorption characterization of soft and hard coal and its influence on outburst prediction index. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2020, 42, 2807-2821.	2.3	17
9	Sampling Methane-Bearing Coal Seams by Freezing Method: Coalbed Methane Desorption and Inhibition Characteristics Under Freezing Temperature. <i>Natural Resources Research</i> , 2020, 29, 1351-1360.	4.7	11
10	Influence of water injection on the desorption characteristics of coalbed methane. <i>Energy Science and Engineering</i> , 2020, 8, 4222-4228.	4.0	5
11	Compaction characteristics and permeability evolution characteristics of broken coal body under triaxial stress. , 2020, , .		0
12	Research on uniaxial stress compression mechanical properties and uniaxial stress failure mode of pre-cracked rock. , 2020, , .		0
13	Correlation between coal and gas outburst risk and adsorption properties of coal seams. <i>Energy Science and Engineering</i> , 2019, 7, 974-985.	4.0	10
14	Orthogonal Experimental Study on Multifactor Conditions for Gas Desorption in Coal. <i>Advances in Civil Engineering</i> , 2019, 2019, 1-12.	0.7	8
15	Study on the change of permeability of gas-containing coal under many factors. <i>Energy Science and Engineering</i> , 2019, 7, 194-206.	4.0	6
16	Study on the gas desorption law and indicator influencing factors of fixed-size coal samples. <i>Scientific Reports</i> , 2019, 9, 17134.	3.3	10
17	Experimental study on principles of isothermal dehydration of anthracite. <i>Drying Technology</i> , 2019, 37, 38-46.	3.1	1
18	Calculation Model and Rapid Estimation Method for Coal Seam Gas Content. <i>Processes</i> , 2018, 6, 223.	2.8	17

#	ARTICLE	IF	CITATIONS
19	Study on the permeability characteristics of coal containing coalbed methane under different loading paths. Energy Science and Engineering, 2018, 6, 475-483.	4.0	15
20	Study on the influence factors of the initial expansion energy of released gas. Chemical Engineering Research and Design, 2018, 117, 582-592.	5.6	19
21	Thermal drying dehydration and moisture migration in anthracite. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2017, 39, 1518-1524.	2.3	2