

Gang Bai

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

212
citations

1307594

7
h-index

1125743

13
g-index

18
all docs

18
docs citations

18
times ranked

130
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental study of the influence of water on spontaneous combustion of coal containing pyrite. International Journal of Coal Preparation and Utilization, 2022, 42, 1357-1372.	2.1	8
2	Effect of CO ₂ injection on CH ₄ desorption rate in poor permeability coal seams: An experimental study. Energy, 2022, 238, 121674.	8.8	62
3	Coal Seam Gas Extraction by Integrated Drillings and Punchings from the Floor Roadway considering Hydraulic-Mechanical Coupling Effect. Geofluids, 2022, 2022, 1-10.	0.7	28
4	Research method of pressure relief and permeability enhancement in low permeability coal seam: A review. AIP Advances, 2022, 12, .	1.3	6
5	Effect of Sn on the CO Catalytic Activity and Water Resistance of Cu-Mn Catalyst. ACS Omega, 2022, 7, 12390-12400.	3.5	1
6	Experimental research on rapid removing characteristics of carbon monoxide generated during gas explosions. PLoS ONE, 2022, 17, e0267553.	2.5	0
7	Quantitative analysis of carbon dioxide replacement of adsorbed methane in different coal ranks using low-field NMR technique. Fuel, 2022, 326, 124980.	6.4	14
8	Influence of CO on Explosion Limits and Characteristics of the CH ₄ /Air Mixture. ACS Omega, 2022, 7, 24766-24776.	3.5	2
9	Vent burst doors as an effective method of suppressing the dangers of gas explosions. AIP Advances, 2021, 11, 035112.	1.3	5
10	Removal of CO Generated by a Gas Explosion Using a Cu-Mn Elimination Agent. ACS Omega, 2021, 6, 16140-16150.	3.5	3
11	Simulation and optimization of fire safety emergency evacuation in university library. AIP Advances, 2021, 11, .	1.3	12
12	Influence of air supply on coal spontaneous combustion during support withdrawal in fully mechanized coal mining and its prevention. Scientific Reports, 2021, 11, 19330.	3.3	3
13	Experimental study on the influence of water immersion on spontaneous combustion of anthracite with high concentrations of sulfur-bearing minerals. Journal of Thermal Analysis and Calorimetry, 2020, 141, 893-903.	3.6	12
14	Quantitative experimental investigation of CO ₂ enhancement of the desorption rate of adsorbed CH ₄ in coal. Energy Reports, 2020, 6, 2336-2344.	5.1	14
15	Influence of Carbon Dioxide on the Adsorption of Methane by Coal Using Low-Field Nuclear Magnetic Resonance. Energy & Fuels, 2020, 34, 6113-6123.	5.1	22
16	An experimental investigation of the effect of acid stimulation on gas extraction from coal. AIP Advances, 2020, 10, .	1.3	6
17	Evaluation of lignite combustion characteristics and gas explosion risks under different air volumes. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-15.	2.3	10
18	Experimental study on the effect of acidity on coal spontaneous combustion at different oxygen concentrations. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-10.	2.3	4