

Chaojie Wang

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

776
citations

516710

16
h-index

580821

25
g-index

25
all docs

25
docs citations

25
times ranked

511
citing authors

#	ARTICLE	IF	CITATIONS
1	Study on oxidation and gas release of active sites after low-temperature pyrolysis of coal. <i>Fuel</i> , 2018, 233, 237-246.	6.4	92
2	Experimental analysis of the intensity and evolution of coal and gas outbursts. <i>Fuel</i> , 2018, 226, 252-262.	6.4	87
3	Experimental research into the relationship between initial gas release and coal-gas outbursts. <i>Journal of Natural Gas Science and Engineering</i> , 2018, 50, 157-165.	4.4	70
4	The characterization of free radical reaction in coal low-temperature oxidation with different oxygen concentration. <i>Fuel</i> , 2020, 262, 116524.	6.4	63
5	Simulation of the hazard arising from the coupling of gas explosions and spontaneously combustible coal due to the gas drainage of a gob. <i>Chemical Engineering Research and Design</i> , 2018, 118, 296-306.	5.6	58
6	Experimental study on the effect of mechanochemistry on coal spontaneous combustion. <i>Powder Technology</i> , 2018, 339, 102-110.	4.2	57
7	Influence of coal moisture on initial gas desorption and gas-release energy characteristics. <i>Fuel</i> , 2018, 232, 351-361.	6.4	55
8	The correlation between dynamic phenomena of boreholes for outburst prediction and outburst risks during coal roadways driving. <i>Fuel</i> , 2018, 231, 307-316.	6.4	36
9	A method of rapid determination of gas pressure in a coal seam based on the advantages of gas spherical flow field. <i>Journal of Natural Gas Science and Engineering</i> , 2017, 45, 502-510.	4.4	35
10	Investigation on coal spontaneous combustion in the gob of Y type ventilation caving face: A case study. <i>Chemical Engineering Research and Design</i> , 2021, 148, 590-603.	5.6	34
11	Comparison of the initial gas desorption and gas-release energy characteristics from tectonically-deformed and primary-undeformed coal. <i>Fuel</i> , 2019, 238, 66-74.	6.4	30
12	Experimental study on the influence of coal oxidation on coal and gas outburst during invasion of magmatic rocks into coal seams. <i>Chemical Engineering Research and Design</i> , 2019, 124, 213-222.	5.6	26
13	Study on factors influencing and the critical value of the drilling cuttings weight: an index for outburst risk prediction. <i>Chemical Engineering Research and Design</i> , 2020, 140, 356-366.	5.6	22
14	Determination of critical value of an outburst risk prediction index of working face in a coal roadway based on initial gas emission from a borehole and its application: A case study. <i>Fuel</i> , 2020, 267, 117229.	6.4	22
15	Silver Surface Treatment of Cu(In,Ga)Se ₂ (CIGS) Thin Film: A New Passivation Process for the CdS/CIGS Heterojunction Interface. <i>Solar Rrl</i> , 2020, 4, 2000290.	5.8	21
16	Synthesis, Cytotoxic Activity Evaluation of Novel 1,2,3-Triazole Linked Quinazoline Derivatives. <i>Chinese Journal of Chemistry</i> , 2017, 35, 1633-1639.	4.9	16
17	A widely compatible expression system for the production of highly O-GlcNAcylated recombinant protein in <i>Escherichia coli</i> . <i>Glycobiology</i> , 2018, 28, 949-957.	2.5	9
18	Facile Silver-Incorporated Method of Tuning the Back Gradient of Cu(In,Ga)Se ₂ Films. <i>ACS Applied Energy Materials</i> , 2020, 3, 9963-9971.	5.1	9

#	ARTICLE	IF	CITATIONS
19	Influence of temperature on gas desorption characterization in the whole process from coals and its application analysis on outburst risk prediction. <i>Fuel</i> , 2022, 321, 124021.	6.4	8
20	Design of gas drainage modes based on gas emission rate in a gob: a simulation study. <i>Arabian Journal of Geosciences</i> , 2018, 11, 1.	1.8	7
21	Dynamic Characterization during Gas Initial Desorption of Coal Particles and Its Influence on the Initiation of Coal and Gas Outbursts. <i>Processes</i> , 2021, 9, 1101.	2.8	7
22	Simulation Analysis and Performance Testing Investigation of Capacitive Micromachined Ultrasonic Transducer. <i>International Journal of Pattern Recognition and Artificial Intelligence</i> , 2018, 32, 1858004.	1.2	5
23	Study on the Failure Characteristics of Concrete Specimen Under Confining Pressure. <i>Arabian Journal for Science and Engineering</i> , 2019, 44, 4119-4129.	3.0	3
24	Characterization of a novel broad-spectrum endolysin PlyD4 encoded by a highly conserved prophage found in <i>Aeromonas hydrophila</i> ST251 strains. <i>Applied Microbiology and Biotechnology</i> , 2022, 106, 699-711.	3.6	3
25	Wide bandgap CIGS thin films via Ag-PDT to ameliorate the interface quality of CIGS/CdS heterojunction. <i>Journal of Materials Science: Materials in Electronics</i> , 2022, 33, 11055.	2.2	1