Chaojie Wang

List of Publications by Year
in descending order

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		516710	580821
25	776	16	25
papers	citations	h-index	g-index

25	25	25	511
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Characterization of a novel broad-spectrum endolysin PlyD4 encoded by a highly conserved prophage found in Aeromonas hydrophila ST251 strains. Applied Microbiology and Biotechnology, 2022, 106, 699-711.	3.6	3
2	Influence of temperature on gas desorption characterization in the whole process from coals and its application analysis on outburst risk prediction. Fuel, 2022, 321, 124021.	6.4	8
3	Wide bandgap CIGS thin films via Ag-PDT to ameliorate the interface quality of CIGS/CdS heterojunction. Journal of Materials Science: Materials in Electronics, 2022, 33, 11055.	2.2	1
4	Investigation on coal spontaneous combustion in the gob of Y type ventialtion caving face: A case study. Chemical Engineering Research and Design, 2021, 148, 590-603.	5.6	34
5	Dynamic Characterization during Gas Initial Desorption of Coal Particles and Its Influence on the Initiation of Coal and Gas Outbursts. Processes, 2021, 9, 1101.	2.8	7
6	The characterization of free radical reaction in coal low-temperature oxidation with different oxygen concentration. Fuel, 2020, 262, 116524.	6.4	63
7	Silver Surface Treatment of Cu(In,Ga)Se₂ (CIGS) Thin Film: A New Passivation Process for the CdS/CIGS Heterojunction Interface. Solar Rrl, 2020, 4, 2000290.	5.8	21
8	Facile Silver-Incorporated Method of Tuning the Back Gradient of Cu(In,Ga)Se₂ Films. ACS Applied Energy Materials, 2020, 3, 9963-9971.	5.1	9
9	Study on factors influencing and the critical value of the drilling cuttings weight: an index for outburst risk prediction. Chemical Engineering Research and Design, 2020, 140, 356-366.	5.6	22
10	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. Fuel, 2020, 267, 117229.	6.4	22
11	Study on the Failure Characteristics of Concrete Specimen Under Confining Pressure. Arabian Journal for Science and Engineering, 2019, 44, 4119-4129.	3.0	3
12	Experimental study on the influence of coal oxidation on coal and gas outburst during invasion of magmatic rocks into coal seams. Chemical Engineering Research and Design, 2019, 124, 213-222.	5.6	26
13	Comparison of the initial gas desorption and gas-release energy characteristics from tectonically-deformed and primary-undeformed coal. Fuel, 2019, 238, 66-74.	6.4	30
14	Experimental analysis of the intensity and evolution of coal and gas outbursts. Fuel, 2018, 226, 252-262.	6.4	87
15	Experimental research into the relationship between initial gas release and coal-gas outbursts. Journal of Natural Gas Science and Engineering, 2018, 50, 157-165.	4.4	70
16	Simulation Analysis and Performance Testing Investigation of Capacitive Micromachined Ultrasonic Transducer. International Journal of Pattern Recognition and Artificial Intelligence, 2018, 32, 1858004.	1.2	5
17	The correlation between dynamic phenomena of boreholes for outburst prediction and outburst risks during coal roadways driving. Fuel, 2018, 231, 307-316.	6.4	36
18	Study on oxidation and gas release of active sites after low-temperature pyrolysis of coal. Fuel, 2018, 233, 237-246.	6.4	92

#	Article	IF	Citations
19	Simulation of the hazard arising from the coupling of gas explosions and spontaneously combustible coal due to the gas drainage of a gob. Chemical Engineering Research and Design, 2018, 118, 296-306.	5.6	58
20	Influence of coal moisture on initial gas desorption and gas-release energy characteristics. Fuel, 2018, 232, 351-361.	6.4	55
21	Design of gas drainage modes based on gas emission rate in a gob: a simulation study. Arabian Journal of Geosciences, 2018, 11, 1.	1.3	7
22	Experimental study on the effect of mechanochemistry on coal spontaneous combustion. Powder Technology, 2018, 339, 102-110.	4.2	57
23	A widely compatible expression system for the production of highly O-GlcNAcylated recombinant protein in Escherichia coli. Glycobiology, 2018, 28, 949-957.	2.5	9
24	Synthesis, Cytotoxic Activity Evaluation of Novel 1,2,3â€Triazole Linked Quinazoline Derivatives. Chinese Journal of Chemistry, 2017, 35, 1633-1639.	4.9	16
25	A method of rapid determination of gas pressure in a coal seam based on the advantages of gas spherical flow field. Journal of Natural Gas Science and Engineering, 2017, 45, 502-510.	4.4	35