

Yansong Zhang

List of Publications by Year in descending order

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papers

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1478505

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18
docs citations

18
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75
citing authors

#	ARTICLE	IF	CITATIONS
1	The Velocity Variation Characteristics of the Flow Field and the Related Structural Parameter Optimization of the Direct Jet Nozzle. Iranian Journal of Science and Technology - Transactions of Mechanical Engineering, 2022, 46, 347-357.	1.3	1
2	Preparation and performance characterization of a new dust suppressant with a cross-linked network structure for use in open-pit coal mines. Environmental Science and Pollution Research, 2022, 29, 7001-7013.	5.3	11
3	Non-isothermal Thermogravimetric Analysis Study on the Pyrolysis Reaction Kinetics of Bituminous Coal. Chemical Engineering and Technology, 2022, 45, 1048-1057.	1.5	3
4	Molecular dynamics simulations and experimental study of the effects of an ionic surfactant on the wettability of low-rank coal. Fuel, 2022, 320, 123951.	6.4	24
5	Optimization via response surface methodology of the synthesis of a dust suppressant and its performance characterization for use in open cut coal mines. Journal of Environmental Sciences, 2022, 121, 211-223.	6.1	12
6	Study on a New Type of Composite Powder Explosion Inhibitor Used to Suppress Underground Coal Dust Explosion. Applied Sciences (Switzerland), 2021, 11, 8512.	2.5	8
7	Experiment and Field Application of Inhibitor Liquid in Spontaneous Combustion Process of Coal Based on Thermogravimetric Analysis. Journal of Energy Resources Technology, Transactions of the ASME, 2021, 143, .	2.3	6
8	The Performance and Mechanism of the Green Explosion Suppressant SGA for Coal Dust Explosion Suppression. ACS Omega, 2021, 6, 35416-35426.	3.5	4
9	Preparation and Characterization of a Composite Dust Suppressant for Coal Mines. Polymers, 2020, 12, 2942.	4.5	25
10	Study on Excavation of Water Pump House in Deep Coal Mines in Xinhe. Geotechnical and Geological Engineering, 2020, 38, 5061-5074.	1.7	0
11	Experimental Study on the Ignition Sensitivity and Explosion Severity of Different Ranks of Coal Dust. Shock and Vibration, 2019, 2019, 1-11.	0.6	6
12	Development of Environmental Friendly Dust Suppressant Based on the Modification of Soybean Protein Isolate. Processes, 2019, 7, 165.	2.8	57
13	Experimental Study on Multiple Explosions during the Development and Utilization of Oil Shale Dust. Shock and Vibration, 2019, 2019, 1-8.	0.6	4
14	Experimental study on optimizing the inhibition effect of pre-injection inhibitor on coal spontaneous combustion. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-18.	2.3	10
15	Research on deflagration characteristics and thermodynamic mechanism of micron aluminum powders. Process Safety Progress, 0, , e12262.	1.0	7
16	Experimental study and mechanism analysis on the suppression of flour explosion by NaCl and NaHCO ₃ . Combustion Science and Technology, 0, , 1-16.	2.3	1