

Yansong Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1106863/publications.pdf>

Version: 2024-02-01

16
papers

179
citations

1478505

6
h-index

1199594

12
g-index

18
all docs

18
docs citations

18
times ranked

75
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of Environmental Friendly Dust Suppressant Based on the Modification of Soybean Protein Isolate. Processes, 2019, 7, 165.	2.8	57
2	Preparation and Characterization of a Composite Dust Suppressant for Coal Mines. Polymers, 2020, 12, 2942.	4.5	25
3	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
4	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
5	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
6	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
7	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
8	Research on deflagration characteristics and thermodynamic mechanism of micron aluminum powders. Process Safety Progress, 0, , e12262.	1.0	7
9	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
10	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
11	Experimental Study on Multiple Explosions during the Development and Utilization of Oil Shale Dust. Shock and Vibration, 2019, 2019, 1-8.	0.6	4
12	The Performance and Mechanism of the Green Explosion Suppressant SGA for Coal Dust Explosion Suppression. ACS Omega, 2021, 6, 35416-35426.	3.5	4
13	Non-isoenthalpic Thermogravimetric Analysis Study on the Pyrolysis Reaction Kinetics of Bituminous Coal. Chemical Engineering and Technology, 2022, 45, 1048-1057.	1.5	3
14	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
15	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
16	Study on Excavation of Water Pump House in Deep Coal Mines in Xinhe. Geotechnical and Geological Engineering, 2020, 38, 5061-5074.	1.7	0