

Linhan Ge

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

764
citations

687335

13
h-index

752679

20
g-index

21
all docs

21
docs citations

21
times ranked

666
citing authors

#	ARTICLE	IF	CITATIONS
1	Characteristics of wet and dry crushing methods in the recycling process of spent lithium-ion batteries. <i>Journal of Power Sources</i> , 2013, 240, 766-771.	7.8	183
2	Chemical and process mineralogical characterizations of spent lithium-ion batteries: An approach by multi-analytical techniques. <i>Waste Management</i> , 2014, 34, 1051-1058.	7.4	171
3	A review of CFD modelling studies on the flotation process. <i>Minerals Engineering</i> , 2018, 127, 153-177.	4.3	73
4	High-Efficiency Reclaiming Phosphate from an Aqueous Solution by Bentonite Modified Biochars: A Slow Release Fertilizer with a Precise Rate Regulation. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 6090-6099.	6.7	60
5	Removal of fine quartz from coal-series kaolin by flotation. <i>Applied Clay Science</i> , 2017, 143, 437-444.	5.2	48
6	Pyrolysis characteristics of the mixture of printed circuit board scraps and coal powder. <i>Waste Management</i> , 2014, 34, 1763-1769.	7.4	47
7	Three-Dimensional VOF-DEM Model for Simulating Particle Dynamics in the Liquid Slugs of a Vertical Gas-Liquid-Solid Taylor Flow Microreactor. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 7965-7981.	3.7	25
8	Experiment and simulation on the pyrite removal from the recirculating load of pulverizer with a dilute phase gas-solid fluidized bed. <i>International Journal of Mining Science and Technology</i> , 2013, 23, 301-305.	10.3	23
9	Liberation characteristics of coal middlings comminuted by jaw crusher and ball mill. <i>International Journal of Mining Science and Technology</i> , 2013, 23, 669-674.	10.3	22
10	CFD-DEM investigation of the interaction between a particle swarm and a stationary bubble: Particle-bubble collision efficiency. <i>Powder Technology</i> , 2020, 366, 641-652.	4.2	20
11	Study on the Dynamics of Tribocharged Coal and Mineral Particles in Free-Fall Triboelectric Separator. <i>Separation Science and Technology</i> , 2014, 49, 2990-2998.	2.5	17
12	Preliminary study on foreign slime for the gravity separation of coarse coal particles in a teeter bed separator. <i>International Journal of Mineral Processing</i> , 2017, 160, 76-80.	2.6	16
13	The effects of chemical pretreatment on tribocharging of density fraction coal. <i>Journal of Electrostatics</i> , 2014, 72, 65-69.	1.9	13
14	Inclusion of screening to remove fish-hook effect in the three products hydro-cyclone screen (TPHS). <i>Minerals Engineering</i> , 2018, 122, 156-164.	4.3	12
15	Breakage and separation mechanism of ZGM coal mill based on parameters optimization model. <i>International Journal of Mining Science and Technology</i> , 2014, 24, 285-289.	10.3	9
16	Study of Blockage Diagnosis for Hydrocyclone Using Vibration-Based Technique Based on Wavelet Denoising and Discrete-Time Fourier Transform Method. <i>Processes</i> , 2020, 8, 440.	2.8	9
17	Analysis and Prediction of Influencing Parameters on the Coal Classification Performance of a Novel Three Products Hydrocyclone Screen (TPHS) Based on Grey System Theory. <i>Processes</i> , 2020, 8, 974.	2.8	7
18	Mechanism and Fine Coal Beneficiation of a Pulsating Airflow Classifier. <i>International Journal of Coal Preparation and Utilization</i> , 2019, 39, 20-32.	2.1	4

#	ARTICLE	IF	CITATIONS
19	Mechanism of the Absent Air Column in Three Products Hydrocyclone Screen (TPHS): Experiment and Simulation. Processes, 2021, 9, 431.	2.8	3
20	Computational Modeling of Flow Characteristics in Three Products Hydrocyclone Screen. Processes, 2021, 9, 1295.	2.8	2
21	Study of the Fluid Passing through the Screen in the Three Products Hydrocyclone Screen (TPHS): A Theoretical Analysis and Numerical Simulation. Processes, 2022, 10, 628.	2.8	0