Lanyue Jiang

List of Publications by Year
in descending order

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29	187	1163117 8	1199594 12
papers	citations	h-index	g-index

29	29	29	76
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Enhancement on the separation precision of fine particles in a novel hydrocyclone with the vorticose involute-line diversion inlet head. International Journal of Coal Preparation and Utilization, 2023, 43, 169-189.	2.1	1
2	Characterization and numerical simulation on preparation of super-low ash clean coal by two-stage cyclones. International Journal of Coal Preparation and Utilization, 2022, 42, 2099-2113.	2.1	2
3	Separation of super clean coal with two-stage cyclones and related characteristics. International Journal of Coal Preparation and Utilization, 2022, 42, 3682-3697.	2.1	3
4	The influence of height-to-width ratio of feed inlet on flow field characteristics and separation performance of the hydrocyclone with spiral inlet. International Journal of Coal Preparation and Utilization, 2022, 42, 1597-1614.	2.1	2
5	Effect of Internal Vortex-Finder on Classification Performance for Double Vortex-Finder Hydrocyclone. Separations, 2022, 9, 88.	2.4	3
6	Study on the Desliming Performance of a Novel Hydrocyclone Sand Washer. Separations, 2022, 9, 74.	2.4	4
7	Effect of Cone-Plate Clarifier Structure Parameters on Flocculation Efficiency. Separations, 2022, 9, 6.	2.4	0
8	High Concentration Fine Particle Separation Performance in Hydrocyclones. Minerals (Basel,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 T	2.0	8
9	Influence of Vortex Finder Structure on Separation Performance of Double-Overflow Three-Product Hydrocyclones. Separations, 2021, 8, 79.	2.4	2
10	Simulation analysis on the separation performance of spiral inlet hydrocyclone. International Journal of Coal Preparation and Utilization, 2021, 41, 474-490.	2.1	11
11	Experimental Study on Flocculation Effect of Tangential Velocity in a Cone-Plate Clarifier. Separations, 2021, 8, 105.	2.4	3
12	Hierarchical Porous Catalytic Pyrolysis Char Derived from Oily Sludge for Enhanced Adsorption. ACS Omega, 2021, 6, 20549-20559.	3.5	4
13	Particle Motion Characteristics in W-Shaped Hydrocyclones. Separations, 2021, 8, 121.	2.4	1
14	Following performance of solid particle and liquid phases inside a hydrocyclone. International Journal of Coal Preparation and Utilization, 2021, 41, 693-710.	2.1	0
15	The Performance Prediction Model of W-Shaped Hydrocyclone Based on Experimental Research. Minerals (Basel, Switzerland), 2021, 11, 118.	2.0	4
16	Designing W-shaped apex for improving the separation efficiency of a full-column hydrocyclone. Separation Science and Technology, 2020, 55, 1724-1740.	2.5	7
17	Experimental research on the separation performance of W-shaped hydrocyclone. Powder Technology, 2020, 372, 532-541.	4.2	15
18	Effect of Overflow Pipe on the Internal Flow Fields and Separation Performance of W-Shaped Hydrocyclones. Minerals (Basel, Switzerland), 2020, 10, 329.	2.0	11

#	Article	IF	Citations
19	Numerical Simulation of Flow Field Characteristics and Separation Performance Test of Multi-Product Hydrocyclone. Minerals (Basel, Switzerland), 2019, 9, 300.	2.0	3
20	Numerical simulation and experimental study on a cone-plate clarifier. Advances in Mechanical Engineering, 2019, 11, 168781401982678.	1.6	2
21	Design boundary layer structure for improving the particle separation performance of a hydrocyclone. Powder Technology, 2019, 350, 1-14.	4.2	28
22	The Effect of Inlet Velocity on the Separation
Performance of a Two-Stage Hydrocyclone. Minerals (Basel, Switzerland), 2019, 9, 209.	2.0	19
23	Comparative classification studies of red mud by using hydrocyclones. Minerals Engineering, 2019, 131, 124-130.	4.3	15
24	The Study on Numerical Simulation and Experiments of Four Product Hydrocyclone with Double Vortex Finders. Minerals (Basel, Switzerland), 2019, 9, 23.	2.0	9
25	Effect of feed body geometry on separation performance of hydrocyclone. Separation Science and Technology, 2019, 54, 2959-2970.	2.5	11
26	The Classification Performance of a Three-Product Cyclone. Wireless Personal Communications, 2018, 103, 55-68.	2.7	2
27	Shortâ€Circuit Flow in Hydrocyclones with Arcâ€Shaped Vortex Finders. Chemical Engineering and Technology, 2018, 41, 1783-1792.	1.5	11
28	The effects of the height-to-width ratio of the rectangular inlet on the flow field and separation performance by hydrocyclone. International Journal of Coal Preparation and Utilization, 0, , 1-18.	2.1	4
29	Numerical Analysis on the Effect of Combined-Curve Tapered Segment on the Flow Field and Separation Performance of Hydrocyclones. Arabian Journal for Science and Engineering, 0, , 1.	3.0	2