

Minqiang Fan

List of Publications by Year in descending order

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13
papers

104
citations

1307594

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1372567

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docs citations

13
times ranked

65
citing authors

#	ARTICLE	IF	CITATIONS
1	A new froth image classification method based on the MRMR-SSGMM hybrid model for recognition of reagent dosage condition in the coal flotation process. <i>Applied Intelligence</i> , 2022, 52, 732-752.	5.3	11
2	A Machine Learning Based Intelligent Decision Support System for Flotation Dynamics in Simulation of Clay Minerals. <i>Scientific Programming</i> , 2022, 2022, 1-11.	0.7	1
3	Physical and Chemical Properties of Coal Gasification Fine Slag and Its Carbon Products by Hydrophobic-Hydrophilic Separation. <i>ACS Omega</i> , 2022, 7, 16484-16493.	3.5	19
4	Effect and mechanism of microemulsion on low-rank coal flotation by mixing AEO-3 and diesel oil. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2022, 44, 4123-4140.	2.3	7
5	Froth image clustering with feature semi-supervision through selection and label information. <i>International Journal of Machine Learning and Cybernetics</i> , 2021, 12, 2499-2516.	3.6	5
6	Generalized skew-normal distribution model of partition curves based on quartile. <i>International Journal of Coal Preparation and Utilization</i> , 2020, , 1-13.	2.1	2
7	Effects of Surfactant Headgroups on Oil-in-Water Emulsion Droplet Formation: An Experimental and Simulation Study. <i>Journal of Surfactants and Detergents</i> , 2019, 22, 85-93.	2.1	13
8	Interfacial water at the low-rank coal surface: an experiment and simulation study. <i>Theoretical Chemistry Accounts</i> , 2018, 137, 1.	1.4	11
9	Calorimetric study of the wettability properties of low-rank coal in the presence of CTAB. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 130, 2025-2033.	3.6	9
10	Switching and optimizing control for coal flotation process based on a hybrid model. <i>PLoS ONE</i> , 2017, 12, e0186553.	2.5	9
11	Normalizing the Mathematical Model of a Distribution Curve Based on the Power Function's Rational Expression. <i>International Journal of Coal Preparation and Utilization</i> , 2014, 34, 19-23.	2.1	6
12	Performance of an Air-Injected Water-Only Cyclone for the Separation of Fine Coal. <i>International Journal of Coal Preparation and Utilization</i> , 2013, 33, 218-224.	2.1	11
13	The Mathematical Model for Natural Settling Classification of Flotation Tailings. , 2012, , .		0