

Changchun Zhou

List of Publications by Year in descending order

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papers

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687363

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493
citing authors

#	ARTICLE	IF	CITATIONS
1	Recovery of rare earth elements from coal fly ash by integrated physical separation and acid leaching. <i>Chemosphere</i> , 2020, 248, 126112.	8.2	97
2	Study on the modes of occurrence of rare earth elements in coal fly ash by statistics and a sequential chemical extraction procedure. <i>Fuel</i> , 2019, 237, 555-565.	6.4	92
3	Study on extraction of rare earth elements from coal fly ash through alkali fusion " Acid leaching. <i>Minerals Engineering</i> , 2019, 136, 36-42.	4.3	87
4	XPS analysis of the surface chemistry of sulfuric acid-treated kaolinite and diaspore minerals with flotation reagents. <i>Minerals Engineering</i> , 2019, 136, 1-7.	4.3	75
5	Recovery of rare earth elements from coal fly ash through sequential chemical roasting, water leaching, and acid leaching processes. <i>Journal of Cleaner Production</i> , 2021, 284, 124725.	9.3	71
6	Study on Influence Factors of Leaching of Rare Earth Elements from Coal Fly Ash. <i>Energy & Fuels</i> , 2018, 32, 8000-8005.	5.1	64
7	Modes of Occurrence of Rare Earth Elements in Coal Fly Ash: A Case Study. <i>Energy & Fuels</i> , 2018, 32, 9738-9743.	5.1	54
8	A review of the surface features and properties, surfactant adsorption and floatability of four key minerals of diasporic bauxite resources. <i>Advances in Colloid and Interface Science</i> , 2018, 254, 56-75.	14.7	37
9	Recovery of rare-earth elements from coal fly ash via enhanced leaching. <i>International Journal of Coal Preparation and Utilization</i> , 2022, 42, 2041-2055.	2.1	31
10	Mercury in Chinese Coals: Modes of Occurrence and its Removal Statistical Laws during Coal Separation. <i>Energy & Fuels</i> , 2017, 31, 986-995.	5.1	26
11	Froth image feature engineering-based prediction method for concentrate ash content of coal flotation. <i>Minerals Engineering</i> , 2021, 170, 107023.	4.3	24
12	Deep learning-based ash content prediction of coal flotation concentrate using convolutional neural network. <i>Minerals Engineering</i> , 2021, 174, 107251.	4.3	22
13	Impact of interfacial Al- and Si-active sites on the electrokinetic properties, surfactant adsorption and floatability of diaspore and kaolinite minerals. <i>Minerals Engineering</i> , 2018, 122, 258-266.	4.3	20
14	Gas-liquid numerical simulation on micro-bubble generator and optimization on the nozzle-throat spacing. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2015, 10, 893-903.	1.5	15
15	Extraction of rare earth elements from coal fly ash by alkali fusion "acid leaching: Mechanism analysis. <i>International Journal of Coal Preparation and Utilization</i> , 2022, 42, 536-555.	2.1	15
16	Modes of occurrence and partitioning behavior of trace elements during coal preparation "A case study in Guizhou Province, China. <i>Fuel</i> , 2019, 243, 79-87.	6.4	14
17	Volatilization of mercury in coal during conventional and microwave drying and its potential guidance for environmental protection. <i>Journal of Cleaner Production</i> , 2018, 176, 1-6.	9.3	13
18	Prediction of the Ash Content of Flotation Concentrate Based on Froth Image Processing and BP Neural Network Modeling. <i>International Journal of Coal Preparation and Utilization</i> , 2021, 41, 191-202.	2.1	10

#	ARTICLE	IF	CITATIONS
19	Grinding activation effect on the flotation recovery of unburned carbon and leachability of rare earth elements in coal fly ash. Powder Technology, 2022, 398, 117045.	4.2	9
20	Extraction of lithium from coal gangue by a roasting-leaching process. International Journal of Coal Preparation and Utilization, 2023, 43, 863-878.	2.1	9
21	Removal of Mercury from Fine Coal Based on Combined Coal Processing Approaches. Energy & Fuels, 2017, 31, 12951-12958.	5.1	6
22	Release Behavior of Se from Coal into Aqueous Solution. Energy & Fuels, 2018, 32, 2582-2587.	5.1	6
23	Study on the Occurrence of Rare Earth Elements in Coal Refuse Based on Sequential Chemical Extraction and Pearson Correlation Analysis. Mining, Metallurgy and Exploration, 2022, 39, 669-678.	0.8	4
24	One-pot fabrication of pitch-derived soft carbon with hierarchical porous structure and rich sp ² carbon for sodium-ion battery. Journal of Materials Science: Materials in Electronics, 2021, 32, 21944-21956.	2.2	2