Changchun Zhou

List of Publications by Year
in descending order

24 papers	803 citations	687363 13 h-index	610901 24 g-index
24 all docs	24 docs citations	24 times ranked	493 citing authors

#	Article	IF	Citations
1	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
2	Extraction of rare earth elements from coal fly ash by alkali fusion–acid leaching: Mechanism analysis. International Journal of Coal Preparation and Utilization, 2022, 42, 536-555.	2.1	15
3	Recovery of rare-earth elements from coal fly ash via enhanced leaching. International Journal of Coal Preparation and Utilization, 2022, 42, 2041-2055.	2.1	31
4	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
5	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
6	Prediction of the Ash Content of Flotation Concentrate Based on Froth Image Processing and BP Neural Network Modeling. International Journal of Coal Preparation and Utilization, 2021, 41, 191-202.	2.1	10
7	Recovery of rare earth elements from coal fly ash through sequential chemical roasting, water leaching, and acid leaching processes. Journal of Cleaner Production, 2021, 284, 124725.	9.3	71
8	One-pot fabrication of pitch-derived soft carbon with hierarchical porous structure and rich sp2 carbon for sodium-ion battery. Journal of Materials Science: Materials in Electronics, 2021, 32, 21944-21956.	2.2	2
9	Froth image feature engineering-based prediction method for concentrate ash content of coal flotation. Minerals Engineering, 2021, 170, 107023.	4.3	24
10	Deep learning-based ash content prediction of coal flotation concentrate using convolutional neural network. Minerals Engineering, 2021, 174, 107251.	4.3	22
11	Recovery of rare earth elements from coal fly ash by integrated physical separation and acid leaching. Chemosphere, 2020, 248, 126112.	8.2	97
12	Modes of occurrence and partitioning behavior of trace elements during coal preparation—A case study in Guizhou Province, China. Fuel, 2019, 243, 79-87.	6.4	14
13	Study on extraction of rare earth elements from coal fly ash through alkali fusion – Acid leaching. Minerals Engineering, 2019, 136, 36-42.	4.3	87
14	XPS analysis of the surface chemistry of sulfuric acid-treated kaolinite and diaspore minerals with flotation reagents. Minerals Engineering, 2019, 136, 1-7.	4.3	75
15	Study on the modes of occurrence of rare earth elements in coal fly ash by statistics and a sequential chemical extraction procedure. Fuel, 2019, 237, 555-565.	6.4	92
16	Release Behavior of Se from Coal into Aqueous Solution. Energy & Fuels, 2018, 32, 2582-2587.	5.1	6
17	Volatilization of mercury in coal during conventional and microwave drying and its potential guidance for environmental protection. Journal of Cleaner Production, 2018, 176, 1-6.	9.3	13
18	Impact of interfacial Al- and Si-active sites on the electrokinetic properties, surfactant adsorption and floatability of diaspore and kaolinite minerals. Minerals Engineering, 2018, 122, 258-266.	4.3	20

#	Article	IF	Citations
19	A review of the surface features and properties, surfactant adsorption and floatability of four key minerals of diasporic bauxite resources. Advances in Colloid and Interface Science, 2018, 254, 56-75.	14.7	37
20	Modes of Occurrence of Rare Earth Elements in Coal Fly Ash: A Case Study. Energy & Fuels, 2018, 32, 9738-9743.	5.1	54
21	Study on Influence Factors of Leaching of Rare Earth Elements from Coal Fly Ash. Energy & Fuels, 2018, 32, 8000-8005.	5.1	64
22	Mercury in Chinese Coals: Modes of Occurrence and its Removal Statistical Laws during Coal Separation. Energy & Fuels, 2017, 31, 986-995.	5.1	26
23	Removal of Mercury from Fine Coal Based on Combined Coal Processing Approaches. Energy & Fuels, 2017, 31, 12951-12958.	5.1	6
24	Gasâ€"liquid numerical simulation on microâ€‌bubble generator and optimization on the nozzleâ€‌toâ€‌throat spacing. Asia-Pacific Journal of Chemical Engineering, 2015, 10, 893-903.	1.5	15