

Xiaoming Liu

List of Publications by Year in descending order

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17
papers

1,055
citations

759233

12
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

671
citing authors

#	ARTICLE	IF	CITATIONS
1	Applications of Red Mud as a Masonry Material: A Review. Bulletin of Environmental Contamination and Toxicology, 2022, 109, 215-227.	2.7	11
2	Applications of red mud as an environmental remediation material: A review. Journal of Hazardous Materials, 2021, 408, 124420.	12.4	133
3	Binary reaction behaviors of red mud based cementitious material ^{1/4} Hydration characteristics and Na ⁺ utilization. Journal of Hazardous Materials, 2021, 410, 124592.	12.4	48
4	Effect of Electrolytic Manganese Residue in Fly Ash-Based Cementitious Material: Hydration Behavior and Microstructure. Materials, 2021, 14, 7047.	2.9	8
5	Improved contourlet transform construction and its application to surface defect recognition of metals. Multidimensional Systems and Signal Processing, 2020, 31, 951-964.	2.6	5
6	Preparation of road base material by utilizing electrolytic manganese residue based on Si-Al structure: Mechanical properties and Mn ²⁺ stabilization/solidification characterization. Journal of Hazardous Materials, 2020, 390, 122188.	12.4	73
7	Investigation on sulfate activation of electrolytic manganese residue on early activity of blast furnace slag in cement-based cementitious material. Construction and Building Materials, 2019, 229, 116831.	7.2	41
8	Preparation and characterization of cement treated road base material utilizing electrolytic manganese residue. Journal of Cleaner Production, 2019, 232, 980-992.	9.3	74
9	Preparation of non-sintered permeable bricks using electrolytic manganese residue: Environmental and NH ₃ -N recovery benefits. Journal of Hazardous Materials, 2019, 378, 120768.	12.4	79
10	Preparation, characterization, and application of an eco-friendly sand-fixing material largely utilizing coal-based solid waste. Journal of Hazardous Materials, 2019, 373, 294-302.	12.4	43
11	Intermediate-calcium based cementitious materials prepared by MSWI fly ash and other solid wastes: hydration characteristics and heavy metals solidification behavior. Journal of Hazardous Materials, 2018, 349, 262-271.	12.4	147
12	Research on reduction of Fe ₂ O ₃ by biomass sawdust. Journal of Shanghai Jiaotong University (Science), 2017, 22, 280-285.	0.9	6
13	Quantitative phase analysis of the calcium silicate slag as the residue of extracting alumina from high-alumina fly ash. Journal of Shanghai Jiaotong University (Science), 2016, 21, 729-736.	0.9	2
14	Hydration mechanism and leaching behavior of bauxite-calcination-method red mud-coal gangue based cementitious materials. Journal of Hazardous Materials, 2016, 314, 172-180.	12.4	69
15	Hydration characteristics and environmental friendly performance of a cementitious material composed of calcium silicate slag. Journal of Hazardous Materials, 2016, 306, 67-76.	12.4	62
16	Micro-structural characterization of the hydration products of bauxite-calcination-method red mud-coal gangue based cementitious materials. Journal of Hazardous Materials, 2013, 262, 428-438.	12.4	87
17	Utilization of red mud in cement production: a review. Waste Management and Research, 2011, 29, 1053-1063.	3.9	167