

Recycling utilization patterns of coal mining waste in C

Resources, Conservation and Recycling

54, 1331-1340

DOI: [10.1016/j.resconrec.2010.05.005](https://doi.org/10.1016/j.resconrec.2010.05.005)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Theoretical and Numerical Analysis of Waste Heat Utilization Device for Coal Gangue Brick Tunnel Kiln. <i>Advanced Materials Research</i> , 0, 301-303, 1517-1521.	0.3	1
2	Solid Waste and Ecological Issues of Coal to Energy. <i>Journal of Hazardous, Toxic, and Radioactive Waste</i> , 2011, 15, 99-107.	1.2	5
3	Production of Gaseous Fuel from High-Ash Tailings by Pyrolysis. <i>Advanced Materials Research</i> , 0, 550-553, 458-463.	0.3	0
5	The Challenges of Reusing Mining and Mineral-Processing Wastes. <i>Science</i> , 2012, 337, 702-703.	6.0	300
6	A supply chain based assessment of water issues in the coal industry in China. <i>Energy Policy</i> , 2012, 48, 93-102.	4.2	122
7	A literature review and a case study of sustainable supply chains with a focus on metrics. <i>International Journal of Production Economics</i> , 2012, 140, 69-82.	5.1	841
8	Scientific Aspects of Kaolinite Based Coal Mining Wastes in Pozzolan/ $\text{Ca}(\text{OH})_2$ System. <i>Journal of the American Ceramic Society</i> , 2012, 95, 386-391.	1.9	65
9	Effect of activated coal mining wastes on the properties of blended cement. <i>Cement and Concrete Composites</i> , 2012, 34, 678-683.	4.6	117
10	Transformation behavior of mineral composition and trace elements during coal gangue combustion. <i>Fuel</i> , 2012, 97, 644-650.	3.4	178
11	Feasibility of fly ash-based composite coagulant for coal washing wastewater treatment. <i>Journal of Hazardous Materials</i> , 2012, 203-204, 221-228.	6.5	47
12	Pyrolysis and Combustion Behavior of Coal Gangue in O_2/CO_2 and O_2/N_2 Mixtures Using Thermogravimetric Analysis and a Drop Tube Furnace. <i>Energy & Fuels</i> , 2013, 27, 2923-2932.	2.5	98
13	Use of Coal Waste as Fine Aggregates in Concrete Paving Blocks. <i>Geomaterials</i> , 2013, 03, 54-59.	0.4	31
14	Experimental Research on Coal Gangue Grouting Material for Gob Filling. <i>Applied Mechanics and Materials</i> , 0, 357-360, 1158-1166.	0.2	1
15	Transfer of Metals from Soil to Crops in an Area near a Coal Gangue Pile in the Guqiao Coal Mine, China. <i>Analytical Letters</i> , 2013, 46, 1962-1977.	1.0	33
16	An effective utilization of the slag from acid leaching of coal-waste: Preparation of water glass with a low-temperature co-melting reaction. <i>Journal of the Air and Waste Management Association</i> , 2014, 64, 887-893.	0.9	1
17	Influence of Al_2O_3 content on microstructure and properties of different binary basicity slag glass ceramics. <i>Advances in Applied Ceramics</i> , 2014, 113, 394-403.	0.6	16
18	Environment-oriented low-cost porous mullite ceramic membrane supports fabricated from coal gangue and bauxite. <i>Journal of Hazardous Materials</i> , 2014, 273, 136-145.	6.5	129
19	Reduction and utilization of coal mine waste rock in China: A case study in Tiefsa coalfield. <i>Resources, Conservation and Recycling</i> , 2014, 83, 24-33.	5.3	57

#	ARTICLE	IF	CITATIONS
20	Co-utilization of two coal mine residues: Non-catalytic deoxygenation of coal mine methane over coal gangue. <i>Chemical Engineering Research and Design</i> , 2014, 92, 896-902.	2.7	18
21	Energy and the Environment: The Relationship Between Coal Production and the Environment in China. <i>Natural Resources Research</i> , 2014, 23, 285-298.	2.2	17
22	Unusual water transport properties of some traditional Scottish shale bricks. <i>Materials and Structures/Materiaux Et Constructions</i> , 2014, 47, 1761-1771.	1.3	10
23	Influence of acid leaching and calcination on iron removal of coal kaolin. <i>International Journal of Minerals, Metallurgy and Materials</i> , 2014, 21, 317-325.	2.4	15
24	Reuse options for coal fired power plant bottom ash and fly ash. <i>Reviews in Environmental Science and Biotechnology</i> , 2014, 13, 467-486.	3.9	152
25	Preparation and characterization of porous fly ash/NiFe ₂ O ₄ composite: Promising adsorbent for the removal of Congo red dye from aqueous solution. <i>Materials Chemistry and Physics</i> , 2014, 148, 371-379.	2.0	43
26	Partitioning and transformation behavior of toxic elements during circulated fluidized bed combustion of coal gangue. <i>Fuel</i> , 2014, 135, 1-8.	3.4	91
27	Coal waste application in recycled asphalt mixtures with bitumen emulsion. <i>Journal of Cleaner Production</i> , 2014, 83, 263-272.	4.6	79
28	The environmental characteristics of usage of coal gangue in bricking-making: A case study at Huainan, China. <i>Chemosphere</i> , 2014, 95, 274-280.	4.2	114
29	Properties of steel fiber reinforced coal gangue coarse aggregate concrete. <i>Wuhan University Journal of Natural Sciences</i> , 2014, 19, 262-268.	0.2	11
30	Novel Process for Alumina Extraction via the Coupling Treatment of Coal Gangue and Bauxite Red Mud. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 4518-4521.	1.8	40
31	An estimation of regional emission intensity of coal mine methane based on coefficient intensity factor methodology using China as a case study. , 2015, 5, 437-448.		18
32	Facile and Economical Preparation of SiAlON-Based Composites Using Coal Gangue: From Fundamental to Industrial Application. <i>Energies</i> , 2015, 8, 7428-7440.	1.6	9
33	Effect of mechanical grinding on physical and chemical characteristics of circulating fluidized bed fly ash from coal gangue power plant. <i>Construction and Building Materials</i> , 2015, 101, 851-860.	3.2	67
34	Study of the combustion behavior and kinetics of different types of coal gangue. <i>Combustion, Explosion and Shock Waves</i> , 2015, 51, 670-677.	0.3	11
35	A brief procedure to fabricate soils from coal mine wastes based on mineral processing, agricultural, and environmental concepts. <i>Minerals Engineering</i> , 2015, 76, 81-86.	1.8	19
36	Identification of the microbial community composition and structure of coal-mine wastewater treatment plants. <i>Microbiological Research</i> , 2015, 175, 1-5.	2.5	71
37	Co-combustion and emission characteristics of coal gangue and low-quality coal. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015, 120, 1883-1892.	2.0	31

#	ARTICLE	IF	CITATIONS
38	Influence of coal gangue aggregate grading on strength properties of concrete. Wuhan University Journal of Natural Sciences, 2015, 20, 66-72.	0.2	21
39	Investigation of combustion characteristics and kinetics of coal gangue with different feedstock properties by thermogravimetric analysis. Thermochemica Acta, 2015, 614, 137-148.	1.2	117
40	Separation of aluminum and silica from coal gangue by elevated temperature acid leaching for the preparation of alumina and SiC. Hydrometallurgy, 2015, 155, 118-124.	1.8	90
41	The Environmental Geochemistry of Trace Elements and Naturally Radionuclides in a Coal Gangue Brick-Making Plant. Scientific Reports, 2015, 4, 6221.	1.6	23
42	Pressure drop in loop pipe flow of fresh cemented coal gangue-fly ash slurry: Experiment and simulation. Advanced Powder Technology, 2015, 26, 920-927.	2.0	63
43	Utilisation of iron ore tailings as aggregates in concrete. Cogent Engineering, 2015, 2, 1083137.	1.1	55
44	Physical-mechanical behavior of binary cements blended with thermally activated coal mining waste. Construction and Building Materials, 2015, 99, 169-174.	3.2	40
45	Transportability and pressure drop of fresh cemented coal gangue-fly ash backfill (CGFB) slurry in pipe loop. Powder Technology, 2015, 284, 218-224.	2.1	89
46	Trace element partitioning behavior of coal gangue-fired CFB plant: experimental and equilibrium calculation. Environmental Science and Pollution Research, 2015, 22, 15469-15478.	2.7	29
47	Leaching of aluminum from coal spoil by mechanochemical activation. Frontiers of Chemical Science and Engineering, 2015, 9, 216-223.	2.3	10
48	Facile preparation of a SiO ₂ -Al ₂ O ₃ aerogel using coal gangue as a raw material via an ambient pressure drying method and its application in organic solvent adsorption. RSC Advances, 2015, 5, 103656-103661.	1.7	28
49	Dissolution kinetics of aluminum and iron from coal mining waste by hydrochloric acid. Chinese Journal of Chemical Engineering, 2015, 23, 590-596.	1.7	49
50	Synthesis of Na-A zeolite from coal gangue with the in-situ crystallization technique. Advanced Powder Technology, 2015, 26, 98-104.	2.0	87
51	Effects of chemistry and mineral on structural evolution and chemical reactivity of coal gangue during calcination: towards efficient utilization. Materials and Structures/Materiaux Et Constructions, 2015, 48, 2779-2793.	1.3	48
52	Processamento de rejeito de carvão visando a redução de custos no tratamento da drenagem Ácida de minas - estudo de caso na Região CarbonÍfera de Santa Catarina. Engenharia Sanitaria E Ambiental, 2016, 21, 337-345.	0.1	11
53	The Transformation of Coal-Mining Waste Minerals in the Pozzolanic Reactions of Cements. Minerals (Basel, Switzerland), 2016, 6, 64.	0.8	22
54	Coal Mining Waste as a Future Eco-Efficient Supplementary Cementing Material: Scientific Aspects. Recycling, 2016, 1, 232-241.	2.3	10
56	Conversion of coal gangue into alumina, tobermorite and TiO ₂ -rich material. Journal of Central South University, 2016, 23, 1883-1889.	1.2	11

#	ARTICLE	IF	CITATIONS
57	Experimental parameter optimization study on the acid leaching of coal fly ash. <i>Desalination and Water Treatment</i> , 2016, 57, 10894-10904.	1.0	9
58	Modeling the thermo-hydro-chemical behavior of cemented coal gangue-fly ash backfill. <i>Construction and Building Materials</i> , 2016, 111, 522-528.	3.2	37
59	Sustainable urbanization in China: A comprehensive literature review. <i>Cities</i> , 2016, 55, 82-93.	2.7	195
60	The Influence of Activated Coal Mining Wastes on the Mineralogy of Blended Cement Pastes. <i>Journal of the American Ceramic Society</i> , 2016, 99, 300-307.	1.9	22
61	Basin-scale spatial soil erosion variability: Pingshuo opencast mine site in Shanxi Province, Loess Plateau of China. <i>Natural Hazards</i> , 2016, 80, 1213-1230.	1.6	35
62	Estimate of sulfur, arsenic, mercury, fluorine emissions due to spontaneous combustion of coal gangue: An important part of Chinese emission inventories. <i>Environmental Pollution</i> , 2016, 209, 107-113.	3.7	152
63	Assessing green supply chain practices in the Ghanaian mining industry: A framework and evaluation. <i>International Journal of Production Economics</i> , 2016, 181, 325-341.	5.1	140
64	Bisurfactant-assisted preparation of amorphous silica from fly ash. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2016, 11, 884-892.	0.8	8
65	Biological Recultivation of Mine Industry Deserts. , 2016, , 389-418.		9
66	Interactions of coal gangue and pine sawdust during combustion of their blends studied using differential thermogravimetric analysis. <i>Bioresource Technology</i> , 2016, 214, 396-403.	4.8	48
67	C-Rank-Core algorithm of enterprises search engine in manufacturing industry chain based on ASP. <i>Journal of Discrete Mathematical Sciences and Cryptography</i> , 2016, 19, 469-488.	0.5	2
68	Catalytic decomposition of biomass tar compound by calcined coal gangue: A kinetic study. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 13380-13389.	3.8	23
69	Improved extraction of alumina from coal gangue by surface mechanically grinding modification. <i>Powder Technology</i> , 2016, 302, 33-41.	2.1	91
70	Effect of organic matter on the Rietveld quantitative analysis of crystalline minerals in coal gangue. <i>Powder Diffraction</i> , 2016, 31, 185-191.	0.4	10
71	Mercury emission from spontaneously ignited coal gangue hill in Wuda coalfield, Inner Mongolia, China. <i>Fuel</i> , 2016, 182, 525-530.	3.4	105
72	Effects of binder on suction in cemented gangue backfill. <i>Magazine of Concrete Research</i> , 2016, 68, 593-603.	0.9	9
73	Sulfuric acid leaching of aluminum from activated coal spoil. <i>Environmental Progress and Sustainable Energy</i> , 2016, 35, 1575-1583.	1.3	4
74	Impact Energy Absorption Behavior of Cemented Coal Gangue-Fly Ash Backfill. <i>Geotechnical and Geological Engineering</i> , 2016, 34, 471-480.	0.8	10

#	ARTICLE	IF	CITATIONS
75	Comparing the mechanical properties of cold recycled mixture containing coal waste additive and ordinary Portland cement. <i>International Journal of Pavement Engineering</i> , 2016, 17, 211-224.	2.2	53
76	Preparation and properties of autoclaved aerated concrete using coal gangue and iron ore tailings. <i>Construction and Building Materials</i> , 2016, 104, 109-115.	3.2	139
77	Effect of calcination condition on the microstructure and pozzolanic activity of calcined coal gangue. <i>International Journal of Mineral Processing</i> , 2016, 146, 23-28.	2.6	143
78	Preparation of polymeric aluminum ferric chloride (PAFC) coagulant from fly ash for the treatment of coal-washing wastewater. <i>Desalination and Water Treatment</i> , 2016, 57, 18260-18274.	1.0	14
79	From coal-mining waste to construction material: a study of its mineral phases. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	16
80	Comparative sensitivity of aquatic invertebrate and vertebrate species to wastewater from an operational coal mine in central Queensland, Australia. <i>Ecotoxicology and Environmental Safety</i> , 2016, 129, 1-9.	2.9	13
81	Effects of coal mine wastewater on locomotor and non-locomotor activities of empire gudgeons (<i>Hypseleotris compressa</i>). <i>Ecotoxicology and Environmental Safety</i> , 2016, 127, 36-42.	2.9	1
82	Decision-support models for sustainable mining networks: fundamentals and challenges. <i>Journal of Cleaner Production</i> , 2016, 112, 2145-2157.	4.6	69
83	A dynamic programming model for environmental investment decision-making in coal mining. <i>Applied Energy</i> , 2016, 166, 273-281.	5.1	26
84	A concrete material with waste coal gangue and fly ash used for farmland drainage in high groundwater level areas. <i>Journal of Cleaner Production</i> , 2016, 112, 631-638.	4.6	116
85	Economic and environmental implications of raising China's emission standard for thermal power plants: An environmentally extended CGE analysis. <i>Resources, Conservation and Recycling</i> , 2017, 121, 64-72.	5.3	33
86	Polycyclic aromatic hydrocarbon (PAH)-containing soils from coal gangue stacking areas contribute to epithelial to mesenchymal transition (EMT) modulation on cancer cell metastasis. <i>Science of the Total Environment</i> , 2017, 580, 632-640.	3.9	32
87	Evaluation of the derivative environment in coal mine safety production systems: Case study in China. <i>Journal of Cleaner Production</i> , 2017, 143, 377-387.	4.6	27
88	Coal mining and environmental development in southwest China. <i>Environmental Development</i> , 2017, 21, 77-86.	1.8	48
89	Quantitative evaluation methods of skin condition based on texture feature parameters. <i>Saudi Journal of Biological Sciences</i> , 2017, 24, 514-518.	1.8	12
90	Mercury Release during Thermal Treatment of Two Coal Gangues and Two Coal Slimes under N_2 and in Air. <i>Energy & Fuels</i> , 2017, 31, 8648-8654.	2.5	9
91	Morphological observation and characterization of the <i>Pseudoregma bambucicola</i> with the scanning electron microscope. <i>Saudi Journal of Biological Sciences</i> , 2017, 24, 1626-1630.	1.8	3
92	The Use of Coal Gangue as a Cultivation Bed Conditioner in Forage Maize Inoculated with Arbuscular Mycorrhizal Fungi. <i>Communications in Soil Science and Plant Analysis</i> , 2017, 48, 1266-1279.	0.6	15

#	ARTICLE	IF	CITATIONS
93	Intervention action of total flavonoids from root of <i>Ilex pubescens</i> in cerebral ischemic tolerance with blood stasis. <i>Saudi Journal of Biological Sciences</i> , 2017, 24, 729-736.	1.8	5
94	Thermal, hydraulic and mechanical performances of cemented coal gangue-fly ash backfill. <i>International Journal of Mineral Processing</i> , 2017, 162, 12-18.	2.6	53
95	Sulfur, arsenic, fluorine and mercury emissions resulting from coal-washing byproducts: A critical component of China's emission inventory. <i>Atmospheric Environment</i> , 2017, 152, 270-278.	1.9	46
96	Preparation of blended geopolymer from red mud and coal gangue with mechanical co-grinding preactivation. <i>Materials and Structures/Materiaux Et Constructions</i> , 2017, 50, 1.	1.3	62
97	Emission of mercury from six low calorific value coal-fired power plants. <i>Fuel</i> , 2017, 210, 611-616.	3.4	10
98	Ecological coal mining based dynamic equilibrium strategy to reduce pollution emissions and energy consumption. <i>Journal of Cleaner Production</i> , 2017, 167, 514-529.	4.6	28
99	An evaluating system for scientific mining of China's coal resources. <i>Resources Policy</i> , 2017, 53, 317-327.	4.2	40
100	Comparison of Silica Leaching Behaviors from the Acid-Leached Residue of Catalytic Gasification and Combustion. <i>Energy & Fuels</i> , 2017, 31, 10745-10751.	2.5	8
101	Investigation on co-firing of coal mine waste residues in pulverized coal combustion systems. <i>Energy</i> , 2017, 140, 58-68.	4.5	26
102	The Use of Static and Humidity Cell Tests to Assess the Effectiveness of Coal Waste Desulfurization on Acid Rock Drainage Risk. <i>Mine Water and the Environment</i> , 2017, 36, 429-435.	0.9	5
103	A comparison between coal-to-olefins and oil-based ethylene in China: An economic and environmental prospective. <i>Journal of Cleaner Production</i> , 2017, 165, 1351-1360.	4.6	38
104	Coal mine wastes recycling for coal recovery and eco-friendly bricks production. <i>Minerals Engineering</i> , 2017, 107, 123-138.	1.8	104
105	Environment influences and extinguish technology of spontaneous combustion of coal gangue heap of Bajijou coal mine in China. <i>Energy Procedia</i> , 2017, 136, 66-72.	1.8	38
106	Value Assessment of Artificial Wetland Derived from Mining Subsided Lake: A Case Study of Jiuli Lake Wetland in Xuzhou. <i>Sustainability</i> , 2017, 9, 1860.	1.6	5
107	Proposal to Foster Sustainability through Circular Economy-Based Engineering: A Profitable Chain from Waste Management to Tunnel Lighting. <i>Sustainability</i> , 2017, 9, 2229.	1.6	29
108	The Empirical Relationship between Mining Industry Development and Environmental Pollution in China. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 254.	1.2	17
109	Ecofriendly bricks elaborated from coal waste of Moroccan Jerrada Mining. <i>MATEC Web of Conferences</i> , 2018, 149, 01043.	0.1	3
110	Literature overview of Chinese research in the field of better coal utilization. <i>Journal of Cleaner Production</i> , 2018, 185, 959-980.	4.6	137

#	ARTICLE	IF	CITATIONS
111	Experimental and Mechanistic Research on Enhancing the Strength and Deformation Characteristics of Fly-Ash-Cemented Filling Materials Modified by Electrochemical Treatment. <i>Energy & Fuels</i> , 2018, 32, 3614-3626.	2.5	22
112	Improving strength of calcinated coal gangue geopolymers via increasing calcium content. <i>Construction and Building Materials</i> , 2018, 166, 760-768.	3.2	126
113	Adsorption isotherms and kinetics of vanadium by shale and coal waste. <i>Adsorption Science and Technology</i> , 2018, 36, 936-952.	1.5	33
114	Effects of coal spoil amendment on heavy metal accumulation and physiological aspects of ryegrass (<i>Lolium perenne</i> L.) growing in copper mine tailings. <i>Environmental Monitoring and Assessment</i> , 2018, 190, 36.	1.3	7
115	Preparation of SiC from acid-leached coal gangue by carbothermal reduction. <i>International Journal of Applied Ceramic Technology</i> , 2018, 15, 625-632.	1.1	15
116	Human health and environmental impacts of coal combustion and post-combustion wastes. <i>Journal of Sustainable Mining</i> , 2018, 17, 87-96.	0.1	251
117	Element geochemical characteristics and formation environment for the roof, floor and gangue of coal seams in the Gujiao mining area, Xishan coalfield, China. <i>Journal of Geochemical Exploration</i> , 2018, 190, 336-344.	1.5	21
118	A comparative study on the mineralogy, chemical speciation, and combustion behavior of toxic elements of coal beneficiation products. <i>Fuel</i> , 2018, 228, 297-308.	3.4	36
119	Preparation and characterization of a porous silicate material using a CO ₂ -storage material for CO ₂ adsorption. <i>Powder Technology</i> , 2018, 333, 138-152.	2.1	10
120	Potentially useful elements (Al, Fe, Ga, Ge, U) in coal gangue: a case study in Weibei coal mining area, Shaanxi Province, northwestern China. <i>Environmental Science and Pollution Research</i> , 2018, 25, 11893-11904.	2.7	14
121	Application of coal waste in sustainable roller compacted concrete pavement-environmental and technical assessment. <i>International Journal of Pavement Engineering</i> , 2018, 19, 748-761.	2.2	39
122	Optimization for China's coal flow based on matching supply and demand sides. <i>Resources, Conservation and Recycling</i> , 2018, 129, 345-354.	5.3	15
123	Peak coal in China: A literature review. <i>Resources, Conservation and Recycling</i> , 2018, 129, 293-306.	5.3	77
124	Low-temperature sintering of ceramic proppants by adding solid wastes. <i>International Journal of Applied Ceramic Technology</i> , 2018, 15, 563-568.	1.1	18
125	A coupled THMC modeling application of cemented coal gangue-fly ash backfill. <i>Construction and Building Materials</i> , 2018, 158, 326-336.	3.2	45
126	Pyrolysis behavior of corncob and coal gangue with modified medical stone and HZSM-5 based additives. <i>Fuel</i> , 2018, 211, 816-826.	3.4	20
127	Thermal kinetics analysis of coal-gangue selected from Inner Mongolia in China. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 131, 1835-1843.	2.0	15
128	Effect of lipid lowering tablet on blood lipid in hyperlipidemia model rats. <i>Saudi Journal of Biological Sciences</i> , 2018, 25, 715-718.	1.8	12

#	ARTICLE	IF	CITATIONS
129	Removal of Cd ²⁺ from aqueous solution using hydrothermally modified circulating fluidized bed fly ash resulting from coal gangue power plant. <i>Journal of Cleaner Production</i> , 2018, 172, 1918-1927.	4.6	82
130	Coal waste derived soil-like substrate: An opportunity for coal waste in a sustainable mineral scenario. <i>Journal of Cleaner Production</i> , 2018, 174, 739-745.	4.6	18
131	Potential Use of Calcined Kaolinite-Based Wastes as Cement Replacements in Concrete – An Overview. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 431, 032006.	0.3	3
132	New developments in low clinker cement paste mineralogy. <i>Applied Clay Science</i> , 2018, 166, 94-101.	2.6	10
133	Pore structure evaluation of cementing composites blended with coal by-products: Calcined coal gangue and coal fly ash. <i>Fuel Processing Technology</i> , 2018, 181, 75-90.	3.7	120
134	Impact of Clay Minerals on the Dewatering of Coal Slurry: An Experimental and Molecular-Simulation Study. <i>Minerals (Basel, Switzerland)</i> , 2018, 8, 400.	0.8	28
135	Mining Waste and Its Sustainable Management: Advances in Worldwide Research. <i>Minerals (Basel, Switzerland)</i> , 2018, 8, 400.	0.8	82
136	Use of the burnt rock of coal deposits slag heaps in the concrete products manufacturing. <i>Construction and Building Materials</i> , 2018, 179, 117-124.	3.2	23
137	Release and Transformation Characteristics of Modes of Occurrence of Chlorine in Coal Gangue during Combustion. <i>Energy & Fuels</i> , 2018, 32, 9926-9933.	2.5	13
138	Effects of carbonaceous matter additives on kinetics, phase and structure evolution of coal-series kaolin during calcination. <i>Applied Clay Science</i> , 2018, 165, 124-134.	2.6	28
139	Synthesis of novel low-cost porous gangue microsphere/geopolymer composites and their adsorption properties for dyes. <i>International Journal of Applied Ceramic Technology</i> , 2018, 15, 1602-1614.	1.1	29
140	Interaction effect of various factors and sulfur migration for pyrite recovery by vibrated fluidized bed. <i>Particulate Science and Technology</i> , 2019, 37, 871-880.	1.1	2
141	Embryonic exposure to soil samples from a gangue stacking area induces thyroid hormone disruption in zebrafish. <i>Chemosphere</i> , 2019, 236, 124337.	4.2	12
142	Selenium in Chinese coal gangue: Distribution, availability, and recommendations. <i>Resources, Conservation and Recycling</i> , 2019, 149, 140-150.	5.3	23
143	Water transport in binary eco-cements containing coal mining waste. <i>Cement and Concrete Composites</i> , 2019, 104, 103373.	4.6	22
144	Resource Utilization of Solid Wastes from Industry and Mining Industry in the Building Materials Field. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 310, 022023.	0.2	0
145	Fabrication of the alginate-combusted coal gangue composite for simultaneous and effective adsorption of Zn(II) and Mn(II). <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103494.	3.3	35
146	Comprehensive utilization and environmental risks of coal gangue: A review. <i>Journal of Cleaner Production</i> , 2019, 239, 117946.	4.6	372

#	ARTICLE	IF	CITATIONS
147	Reaction behavior of kaolinite with ferric oxide during reduction roasting. Transactions of Nonferrous Metals Society of China, 2019, 29, 186-193.	1.7	34
148	The ignition characteristics and combustion processes of coal gangue under different hot coflow conditions in O ₂ /CO ₂ atmosphere: in pellet form. Combustion Science and Technology, 2019, 191, 419-434.	1.2	10
149	Co-combustion of municipal solid waste and coal gangue in a circulating fluidized bed combustor. International Journal of Coal Science and Technology, 2019, 6, 218-224.	2.7	15
150	Sulfate attack resistance of sustainable concrete incorporating various industrial solid wastes. Journal of Cleaner Production, 2019, 218, 810-822.	4.6	119
151	Fluidized mining and in-situ transformation of deep underground coal resources: a novel approach to ensuring safe, environmentally friendly, low-carbon, and clean utilisation. International Journal of Coal Science and Technology, 2019, 6, 184-196.	2.7	35
152	Temporal and spatial change of land use in a large-scale opencast coal mine area: A complex network approach. Land Use Policy, 2019, 86, 375-386.	2.5	45
153	Overview of Solid Backfilling Technology Based on Coal-Waste Underground Separation in China. Sustainability, 2019, 11, 2118.	1.6	24
154	Green synthesis of high porosity waste gangue microsphere/geopolymer composite foams via hydrogen peroxide modification. Journal of Cleaner Production, 2019, 227, 483-494.	4.6	57
155	Reuse of coal mining waste to lengthen the service life of cementitious matrices. Cement and Concrete Composites, 2019, 99, 72-79.	4.6	26
156	Optimization of particle size distribution in circulating fluidized beds via adjustment of crushers and tuning parameters of two-toothed roll crusher. Powder Technology, 2019, 352, 151-158.	2.1	3
157	Distribution Characteristics of Valuable Elements, Al, Li, and Ga, and Rare Earth Elements in Feed Coal, Fly Ash, and Bottom Ash from a 300 MW Circulating Fluidized Bed Boiler. ACS Omega, 2019, 4, 6854-6863.	1.6	28
158	Effect of Activated Coal Gangue in North China on the Compressive Strength and Hydration Process of Cement. Journal of Materials in Civil Engineering, 2019, 31, .	1.3	25
159	Efficient separation of silica and alumina in simulated CFB slag by reduction roasting-alkaline leaching process. Waste Management, 2019, 87, 798-804.	3.7	34
160	Migration characteristics and toxicity evaluation of heavy metals during the preparation of lightweight aggregate from sewage sludge. Environmental Science and Pollution Research, 2019, 26, 9123-9136.	2.7	21
161	Innovation and technology for sustainable mining activity: A worldwide research assessment. Journal of Cleaner Production, 2019, 221, 38-54.	4.6	103
162	Effect of oxygen concentration on oxy-fuel combustion characteristic and interactions of coal gangue and pine sawdust. Waste Management, 2019, 87, 288-294.	3.7	30
163	Effect of mineral additions on the microstructure and properties of blended cement matrices for fibre-cement applications. Cement and Concrete Composites, 2019, 98, 49-60.	4.6	27
164	Cracks Reinforce the Interactions among Soil Bacterial Communities in the Coal Mining Area of Loess Plateau, China. International Journal of Environmental Research and Public Health, 2019, 16, 4892.	1.2	12

#	ARTICLE	IF	CITATIONS
165	Acid-Leaching and Silanization of Catalytic Gasification Ash Enhance the Mechanical Properties of Polyurethane/Ash Composites. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 1426-1433.	1.8	7
166	Decomposition of key minerals in coal gangues during combustion in O ₂ /N ₂ and O ₂ /CO ₂ atmospheres. <i>Applied Thermal Engineering</i> , 2019, 148, 977-983.	3.0	37
167	Evaluation of Cement-Stabilized Mine Tailings as Pavement Foundation Materials. <i>Geotechnical and Geological Engineering</i> , 2019, 37, 2811-2822.	0.8	18
168	Adsorption removal of cationic dyes from aqueous solutions using ceramic adsorbents prepared from industrial waste coal gangue. <i>Journal of Environmental Management</i> , 2019, 234, 245-252.	3.8	85
169	Experimental study of the effects of stacking modes on the spontaneous combustion of coal gangue. <i>Chemical Engineering Research and Design</i> , 2019, 123, 39-47.	2.7	59
170	Water-energy sustainability synergies and health benefits as means to motivate potable reuse of coalbed methane-produced waters. <i>Ambio</i> , 2019, 48, 752-768.	2.8	8
171	Preparation and characterization of low-density ceramic proppant containing coal gangue additive. <i>Materials Research Innovations</i> , 2019, 23, 61-65.	1.0	5
172	Laboratorial Investigation and Simulation Test for Spontaneous Combustion Characteristics of the Coal Waste under Lean-Oxygen Atmosphere. <i>Combustion Science and Technology</i> , 2020, 192, 46-61.	1.2	16
173	Feasibility study on the utilization of coal mining waste for Portland clinker production. <i>Environmental Science and Pollution Research</i> , 2020, 27, 21-32.	2.7	4
174	Ti leaching differences during acid leaching of coal gangue based on different thermal fields. <i>Waste Management</i> , 2020, 101, 66-73.	3.7	11
175	Utilization of industrial and agricultural wastes for productions of sustainable roller compacted concrete pavement mixes containing reclaimed asphalt pavement aggregates. <i>Resources, Conservation and Recycling</i> , 2020, 152, 104504.	5.3	86
176	Traditional Treatment of Mine Waste. , 2020, , 1-9.		0
177	The hydration properties of blended cement containing ultrafine fly ash with particle size less than 17Å¼m from the circulating fluidized bed combustion of coal gangue. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 139, 2971-2984.	2.0	6
178	Measurement of catechin and gallic acid in tea wine with HPLC. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 214-221.	1.8	18
179	The Release of Dissolved Organic Matter and Inorganic Nitrogen from Coal Gangue of Different Geologic Ages in North China. <i>Mine Water and the Environment</i> , 2020, 39, 93-102.	0.9	7
180	Mechanical performance of green concrete produced with untreated coal waste aggregates. <i>Construction and Building Materials</i> , 2020, 233, 117264.	3.2	54
181	Rapid synthesis and NH ₃ -SCR activity of SSZ-13 zeolite <i>via</i> coal gangue. <i>Green Chemistry</i> , 2020, 22, 219-229.	4.6	34
182	Life cycle economic assessment of coal chemical wastewater treatment facing the "Zero liquid discharge" industrial water policies in China: Discharge or reuse?. <i>Energy Policy</i> , 2020, 137, 111107.	4.2	50

#	ARTICLE	IF	CITATIONS
183	Highly effective removal of Pb ²⁺ in aqueous solution by Na-X zeolite derived from coal gangue. <i>Environmental Science and Pollution Research</i> , 2020, 27, 7398-7408.	2.7	37
184	Development and performance study of a novel physicochemical composite inhibitor for the prevention of coal gangue spontaneous combustion. <i>Fire and Materials</i> , 2020, 44, 76-89.	0.9	11
185	Reactivity activation of waste coal gangue and its impact on the properties of cement-based materials – A review. <i>Construction and Building Materials</i> , 2020, 234, 117424.	3.2	147
186	Occurrence and environmental impact of coal mine goaf water in karst areas in China. <i>Journal of Cleaner Production</i> , 2020, 275, 123813.	4.6	47
187	Novel ceramic-based microwave absorbents derived from gangue. <i>Journal of Materials Chemistry C</i> , 2020, 8, 14238-14245.	2.7	15
188	The balance of ecological and economic benefits of sea-buckthorn. <i>Journal of Intelligent and Fuzzy Systems</i> , 2020, 38, 7427-7436.	0.8	2
189	An Economic and Technology Analysis of a New High-Efficiency Biomass Cogeneration System: A Case Study in DC County, China. <i>Energies</i> , 2020, 13, 3957.	1.6	7
190	A novel high polymer nanocomposite inhibitor for coal gangue spontaneous combustion prevention: A case study of Yangquan coal gangue in China. <i>Fire and Materials</i> , 2020, 44, 953-965.	0.9	8
191	Applicability of weathered coal waste as a reactive material to prevent the spread of inorganic contaminants in groundwater. <i>Environmental Science and Pollution Research</i> , 2020, 27, 45297-45310.	2.7	10
192	Factors and Objectives of Sustainable Development at the Implementation of Digital Technologies and Automated Systems in the Mining Industry. <i>E3S Web of Conferences</i> , 2020, 174, 04023.	0.2	7
193	Sustainable ceramics derived from solid wastes: a review. <i>Journal of Asian Ceramic Societies</i> , 2020, 8, 984-1009.	1.0	47
194	Mechanical Properties and Durability of High-Performance Concretes Blended with Circulating Fluidized Bed Combustion Ash and Slag as Replacement for Ordinary Portland Cement. <i>Advances in Materials Science and Engineering</i> , 2020, 2020, 1-12.	1.0	4
195	Effect of salinity on the corrosive wear behaviour of engineering steels in aqueous solutions. <i>Wear</i> , 2020, 462-463, 203515.	1.5	14
196	Shrinkage and Strength Properties of Coal Gangue Ceramsite Lightweight Aggregate Concrete. <i>Advances in Materials Science and Engineering</i> , 2020, 2020, 1-10.	1.0	4
197	Chemical components analysis of <i>Toona sinensis</i> bark and wood by pyrolysis-gas chromatography-mass spectrometry. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2020, 15, e2487.	0.8	2
198	Reclaiming Subsidized Land: An Evaluation of Coal Gangue Interlayers. <i>Advances in Materials Science and Engineering</i> , 2020, 2020, 1-12.	1.0	4
199	Evaluating Regional Eco-Green Cooperative Development Based on a Heterogeneous Multi-Criteria Decision-Making Model: Example of the Yangtze River Delta Region. <i>Sustainability</i> , 2020, 12, 3029.	1.6	11
200	Mineralogy, geochemistry and toxicity of size-segregated respirable deposited dust in underground coal mines. <i>Journal of Hazardous Materials</i> , 2020, 399, 122935.	6.5	52

#	ARTICLE	IF	CITATIONS
201	Evaluation of particle size distribution and mechanical properties of mineral waste slag as filling material. <i>Construction and Building Materials</i> , 2020, 253, 119183.	3.2	20
202	Preparation of porous cordierite ceramic with acid-leached coal gangue. <i>Journal of the Korean Ceramic Society</i> , 2020, 57, 447-453.	1.1	6
203	Frost Resistance of Coal Gangue Aggregate Concrete Modified by Steel Fiber and Slag Powder. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3229.	1.3	12
204	Coal mining waste in Poland in reference to circular economy principles. <i>Fuel</i> , 2020, 270, 117493.	3.4	30
205	A System Dynamics Model for Ecological Environmental Management in Coal Mining Areas in China. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 2115.	1.2	4
206	What are the resource benefits of circulating fluidized bed power generation technology? Take some key thermal power units in China as an example. <i>International Journal of Energy Research</i> , 2020, 44, 4687-4702.	2.2	13
207	Distribution of heavy metals in water, soil and vegetables adjacent to ash heaps from lignite-fired power plants. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2020, 15, e2494.	0.8	1
208	Steam reforming of toluene over nickel catalysts supported on coal gangue ash. <i>Renewable Energy</i> , 2020, 160, 385-395.	4.3	17
209	Study of combustion behaviour and kinetics modelling of Chinese Gongwusu coal gangue: Model-fitting and model-free approaches. <i>Fuel</i> , 2020, 268, 117284.	3.4	77
210	Influence of coal gangue aided phytostabilization on metal availability and mobility in copper mine tailings. <i>Environmental Earth Sciences</i> , 2020, 79, 1.	1.3	11
211	Volatilization characteristics of selenium during conventional and microwave drying of coal slime: an emerging contaminant in mining industry. <i>Environmental Science and Pollution Research</i> , 2020, 27, 11164-11173.	2.7	10
212	Effects of CaCO ₃ additive on properties and microstructure of corundum-And mullite-based ceramic proppants. <i>International Journal of Applied Ceramic Technology</i> , 2020, 17, 1026-1032.	1.1	12
213	Recycled low-density polyethylene composite to mitigate the environmental impacts generated from coal mining waste in Brazil. <i>Journal of Environmental Management</i> , 2020, 260, 110149.	3.8	15
214	Characterization studies on coal gangue for sustainable geotechnics. <i>Innovative Infrastructure Solutions</i> , 2020, 5, 1.	1.1	30
215	Prediction method of methane content change in cyclic hydrogen after desulfurization. <i>Journal of King Saud University - Science</i> , 2020, 32, 2081-2087.	1.6	0
216	Exposure of heavy metals in coal gangue soil, in and outside the mining area using BCR conventional and vortex assisted and single step extraction methods. Impact on orchard grass. <i>Chemosphere</i> , 2020, 255, 126960.	4.2	41
217	A high-efficiency and low-temperature subcritical water dechlorination strategy of polyvinyl chloride using coal fly ash (CFA) and coal gangue (CG) as enhancers. <i>Journal of Cleaner Production</i> , 2020, 260, 121085.	4.6	24
218	Research on shotcrete in mine using non-activated waste coal gangue aggregate. <i>Journal of Cleaner Production</i> , 2020, 259, 120810.	4.6	45

#	ARTICLE	IF	CITATIONS
219	Repairing effects of sulfate-reducing bacteria on the dissolved pollutant of coal gangue based on leaching experiments. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 0, , 1-14.	1.2	5
222	Coal Combustion Residuals and Health. , 2021, , 429-474.		2
223	Evaluation of Reclaimed Hydrated Fly Ash as an Aggregate for Sustainable Roadway Base Material. <i>Advances in Civil Engineering</i> , 2021, 2021, 1-8.	0.4	0
224	Recycling of waste coal dust for the energy-efficient fabrication of bricks: A laboratory to industrial-scale study. <i>Environmental Technology and Innovation</i> , 2021, 21, 101350.	3.0	21
225	Statistical investigation of flotation parameters for copper recovery from sulfide flotation tailings. <i>Results in Engineering</i> , 2021, 9, 100207.	2.2	16
226	Experimental investigation of temperature distribution and spontaneous combustion tendency of coal gangue stockpiles in storage. <i>Environmental Science and Pollution Research</i> , 2021, 28, 34489-34500.	2.7	13
227	Preparation of environmentally friendly low-cost mullite porous Ceramics and the effect of Waste Glass Powder on structure and mechanical Properties. <i>International Journal of Precision Engineering and Manufacturing - Green Technology</i> , 0, , 1.	2.7	2
228	Preparation of high-activity coal char-based catalysts from high metals containing coal gangue and lignite for catalytic decomposition of biomass tar. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 14138-14147.	3.8	13
229	Erosion-Corrosion Mechanisms of Engineering Steels in Different NaCl Concentrations. <i>Journal of Bio- and Tribo-Corrosion</i> , 2021, 7, 1.	1.2	3
230	Behaviour of FRP-confined coal reject concrete columns under axial compression. <i>Composite Structures</i> , 2021, 262, 113621.	3.1	23
231	Inhibition of Gas Explosion by Nano-SiO ₂ Powder under the Condition of Obstacles. <i>Integrated Ferroelectrics</i> , 2021, 216, 305-321.	0.3	7
232	Influence of Nanomaterials on Physical Mechanics and Durability of Concrete Composite Piers. <i>Integrated Ferroelectrics</i> , 2021, 216, 108-121.	0.3	3
233	Sodium silicate effect on setting properties, strength behavior and microstructure of cemented coal fly ash backfill. <i>Powder Technology</i> , 2021, 384, 17-28.	2.1	96
234	Application of Gas Explosion Nanometer Powder Suppression Material in Coal Mine Safety. <i>Integrated Ferroelectrics</i> , 2021, 217, 240-254.	0.3	3
235	Evaluation of Environmental and Economic Benefits of Land Reclamation in the Indonesian Coal Mining Industry. <i>Resources</i> , 2021, 10, 60.	1.6	7
236	Heavy metal- and organic-matter pollution due to self-heating coal-waste dumps in the Upper Silesian Coal Basin (Poland). <i>Journal of Hazardous Materials</i> , 2021, 412, 125244.	6.5	21
237	The variations of free radical and index gas CO in spontaneous combustion of coal gangue under different oxygen concentrations. <i>Fire and Materials</i> , 2022, 46, 549-559.	0.9	8
238	Green and climate-smart mining: A framework to analyze open-pit mines for cleaner mineral production. <i>Resources Policy</i> , 2021, 71, 102007.	4.2	79

#	ARTICLE	IF	CITATIONS
239	Experimental study on effect of mineral composition of clinker on properties of Portland cement. <i>Ferroelectrics</i> , 2021, 579, 209-218.	0.3	0
240	Effects of Expansive Additives on the Shrinkage Behavior of Coal Gangue Based Alkali Activated Materials. <i>Crystals</i> , 2021, 11, 816.	1.0	11
241	Diversity, structure and composition of vegetation in post-coal mining reclamation area in Sumatra, Indonesia. <i>Biodiversitas</i> , 2021, 22, .	0.2	0
242	An Experimental Study of the Road Performance of Cement Stabilized Coal Gangue. <i>Crystals</i> , 2021, 11, 993.	1.0	10
243	Study on Spontaneous Combustion Characteristics of Waste Coal Gangue Hill. <i>Combustion Science and Technology</i> , 2023, 195, 713-727.	1.2	14
244	Utilization of waste coal flotation concentrate for copper matte smelting. <i>Engineering Science and Technology, an International Journal</i> , 2021, 24, 996-1004.	2.0	1
245	Infrared Thermal Imaging of Patients With Acute Upper Respiratory Tract Infection: Mixed Methods Analysis. <i>Interactive Journal of Medical Research</i> , 2021, 10, e22524.	0.6	1
246	Synergic performance of low-kaolinite calcined coal gangue blended with limestone in cement mortars. <i>Construction and Building Materials</i> , 2021, 300, 124012.	3.2	19
247	Impact of mining of common minerals on the environment and public health. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 848, 012136.	0.2	0
248	Preparation of Activated Carbon Derived from Waste Peanut Shells to Remove Dye from Water in a Batch System. <i>Integrated Ferroelectrics</i> , 2021, 219, 175-188.	0.3	0
249	A path matching model on new urbanization in mineral resource abundant regions. <i>Resources Policy</i> , 2021, 73, 102214.	4.2	8
250	Microwave pyrolysis and its applications to the in situ recovery and conversion of oil from tar-rich coal: An overview on fundamentals, methods, and challenges. <i>Energy Reports</i> , 2021, 7, 523-536.	2.5	38
251	Influence of the fiber treatment and matrix modification on the durability of eucalyptus fiber reinforced composites. <i>Cement and Concrete Composites</i> , 2021, 124, 104280.	4.6	9
252	Moving the circular economy forward in the mining industry: Challenges to closed-loop in an emerging economy. <i>Resources Policy</i> , 2021, 74, 102279.	4.2	26
253	The impact of saline mine water on fate of mineral elements and organic matter: The case study of the Upper Silesian Coal Basin. <i>Chemosphere</i> , 2021, 284, 131397.	4.2	6
254	Research on the co-pyrolysis of coal gangue and coffee industry residue based on machine language: Interaction, kinetics, and thermodynamics. <i>Science of the Total Environment</i> , 2022, 804, 150217.	3.9	30
255	Source reduction and waste minimization in the mining industries. , 2022, , 169-176.		0
256	Utilization of Coal Gangue for Earthworks: Sustainability Perspective. <i>Lecture Notes in Civil Engineering</i> , 2021, , 203-218.	0.3	5

#	ARTICLE	IF	CITATIONS
258	COUPLING MECHANISM OF REGIONAL CARBON-WATER SYMBIOSIS SYSTEM AND WATER RESOURCES REGULATION AND CONTROL UNDER LOW CARBON PERSPECTIVE. Applied Ecology and Environmental Research, 2017, 15, 457-465.	0.2	2
259	Review of man-made mineral formations accumulation and prospects of their developing in mining industrial regions in Ukraine. Mining of Mineral Deposits, 2019, 13, 24-38.	1.2	43
260	Analysis of operation parameters of partial backfilling in the context of selective coal mining. Mining of Mineral Deposits, 2019, 13, 129-138.	1.2	9
261	Mechanical properties and antimicrobial activity of pumice stone/sludge filled thermosetting composites. Sustainable Materials and Technologies, 2021, , e00348.	1.7	1
262	Environmentally friendly utilization of coal gangue as aggregates for shotcrete used in the construction of coal mine tunnel. Case Studies in Construction Materials, 2021, 15, e00751.	0.8	5
263	A REVIEW ON UTILIZATION OF MINE WASTE ON BLACK COTTON SOIL. International Journal of Research in Engineering and Technology, 2015, 04, 499-504.	0.1	2
264	The Emission Reduction and Recycling of Coal Mine Water Under Emission Allowance Allocation of Government. , 2018, , 835-846.		0
265	Conjunctive Utilization of Water Resources at the Yulin Coal-Mine Base in China. Journal of Geoscience and Environment Protection, 2018, 06, 15-25.	0.2	2
266	Multi-objective Optimization of EREV Control Strategy with Pointer Hybrid Optimization Algorithm. Journal of Coastal Research, 2019, 83, 713.	0.1	0
267	Diversification Business Performance Evaluation of Shipping Industry in China. Journal of Coastal Research, 2019, 83, 802.	0.1	2
268	A Trypsin from Euphausia Pacifica (TEP B): Functional Groups and Effects of Metal Ions. Journal of Coastal Research, 2019, 83, 392.	0.1	0
269	Multiple Freedom Interacted Influence on the Power Conversion for Mushroom Wave Energy Converter. Journal of Coastal Research, 2019, 97, 55.	0.1	0
270	Aggregate particle size interrelations and case study in concrete using white ordinary Portland cement. Informador TÁ©cnico, 2020, 84, .	0.1	0
272	Effect of velocity on flow properties and electrical resistivity of cemented coal gangue-fly ash backfill (CGFB) slurry in the pipeline. Powder Technology, 2022, 396, 191-209.	2.1	19
273	Multi-objective optimization of coal waste recycling in concrete using response surface methodology. Journal of Building Engineering, 2022, 45, 103472.	1.6	15
274	Waste to energy in a circular economy approach for better sustainability: a comprehensive review and SWOT analysis. , 2020, , 23-43.		7
275	The Effect of Sintering Temperature on Phase Evolution and Sintering Mechanism of Ceramic Proppants with CaCO ₃ Addition. Materials Research, 2020, 23, .	0.6	2
277	Synergistic Effects of Lotus Seed Resistant Starch and Sodium Lactate on Hypolipidemic Function and Serum Nontargeted Metabolites in Hyperlipidemic Rats. Journal of Agricultural and Food Chemistry, 2021, 69, 14580-14592.	2.4	12

#	ARTICLE	IF	CITATIONS
278	Experimental study on reconstructed soil properties based on numerical analysis. <i>Environmental Earth Sciences</i> , 2021, 80, 1.	1.3	1
279	The Potential Use of Waste Rock from Coal Mining for the Application as Recycled Aggregate in Concrete. <i>Lecture Notes in Civil Engineering</i> , 2021, , 550-561.	0.3	2
280	Toxicity of coal fly ash and coal gangue leachate to <i>Daphnia magna</i> : Focusing on typical heavy metals. <i>Journal of Cleaner Production</i> , 2022, 330, 129946.	4.6	19
281	Thermal-emission assessment of building ceilings from agro-industrial wastes. <i>Fuel Communications</i> , 2022, 10, 100042.	2.0	4
282	The application of machine learning models based on particles characteristics during coal slime flotation. <i>Advanced Powder Technology</i> , 2021, , .	2.0	3
283	Experimental Study on Axial Compressive Behavior of Gangue Aggregate Concrete Filled FRP and Thin-Walled Steel Double Tubular Columns. <i>Coatings</i> , 2021, 11, 1404.	1.2	4
284	Evaluation of Soil Quality and Maize Growth in Different Profiles of Reclaimed Land with Coal Gangue Filling. <i>Land</i> , 2021, 10, 1307.	1.2	8
285	Self-Heating Coal Waste Fire Monitoring and Related Environmental Problems: Case Studies from Poland and Ukraine. <i>Journal of Environmental Geography</i> , 2021, 14, 26-38.	1.2	4
286	The axial compressive experiment and analytical model for FRP-confined gangue aggregate concrete. <i>Structures</i> , 2022, 36, 98-110.	1.7	10
287	High-strength fuel pellets made of flour milling and coal slack wastes. <i>Energy</i> , 2022, 243, 123071.	4.5	3
288	Solidification performances of contaminants by red mud-based cementitious paste filling material and leaching behavior of contaminants in different pH and redox potential environments. <i>Water Science and Technology</i> , 2022, 85, 731-745.	1.2	1
289	Coal mining wastes valorization as raw geomaterials in construction: A review with new perspectives. <i>Journal of Cleaner Production</i> , 2022, 336, 130213.	4.6	20
290	Co-spontaneous combustion of coal and gangue: Thermal behavior, kinetic characteristics and interaction mechanism. <i>Fuel</i> , 2022, 315, 123275.	3.4	36
291	To Analyze the Relationship Between Strength, Weakness, Opportunities, and Threats of Indian Coal Mining Industries Towards Sustainable Development. <i>International Journal of Social Ecology and Sustainable Development</i> , 2022, 13, 1-15.	0.1	1
292	Mechanical and Thermal Behavior of Recycled Low-Density Polyethylene Composites with Coal Mining Waste. <i>Materials Circular Economy</i> , 2022, 4, 1.	1.6	2
293	Mechanical Properties of Reactive Powder Concrete with Coal Gangue as Sand Replacement. <i>Materials</i> , 2022, 15, 1807.	1.3	14
294	Electrochemical Evaluation of the Effect of Different NaCl Concentrations on Low Alloy- and Stainless Steels under Corrosion and Erosion-Corrosion Conditions. <i>Corrosion and Materials Degradation</i> , 2022, 3, 101-126.	1.0	4
295	Synthesis of zeolite A with high whiteness from coal gangue by two-step pretreatment method. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2022, 17, .	0.8	3

#	ARTICLE	IF	CITATIONS
296	Porous coal char-based catalyst from coal gangue and lignite with high metal contents in the catalytic cracking of biomass tar. <i>Energy</i> , 2022, 249, 123640.	4.5	10
297	Governance in mining enterprises: An effective way to promote the intensification of resources—Taking coal resources as an example. <i>Resources Policy</i> , 2022, 76, 102623.	4.2	10
298	Phase Transformation of Coal Tailing of Beneficiation with the Addition of Na ₂ CO ₃ at High Temperature. <i>Journal of the Korean Institute of Resources Recycling</i> , 2020, 29, 73-78.	0.4	0
299	Influence of kaolinite content in coal-series metakaolin and soft metakaolin on the performance of cement blends with and without limestone. <i>Materials and Structures/Materiaux Et Constructions</i> , 2022, 55, 1.	1.3	2
300	Effects of eco powders from solid waste on freeze-thaw resistance of mortar. <i>Construction and Building Materials</i> , 2022, 333, 127405.	3.2	13
301	The Sustainable Utilization of Coal Gangue in Geotechnical and Geoenvironmental Applications. <i>Journal of Hazardous, Toxic, and Radioactive Waste</i> , 2022, 26, .	1.2	10
302	The Effects of Environmental Regulation on Investment Efficiency—An Empirical Analysis of Manufacturing Firms in the Beijing—Tianjin—Hebei Region, China. <i>Sustainability</i> , 2022, 14, 6371.	1.6	3
303	Effects of long-term (10 years) remediation of Caragana on soil enzyme activities, heavy metals, microbial diversity and metabolic spectrum of coal gangue. <i>Ecological Engineering</i> , 2022, 181, 106679.	1.6	8
305	Preparation, crystallization kinetics and stabilization behavior of the heavy metal ions of all-solid waste-based glass-ceramics from steel slag and coal gangue. <i>Journal of Non-Crystalline Solids</i> , 2022, 592, 121750.	1.5	12
306	Towards an integrated approach for zero coal mine waste storage: solutions based on materials circularity and sustainable resource governance. <i>Mineral Processing and Extractive Metallurgy Review</i> , 2023, 44, 375-388.	2.6	5
307	The Problem of Conflict Minerals: A Systematic Review of Current Approaches and the Road Ahead. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
308	Roles of various composts based on phosphate flotation waste, phosphogypsum and cactus in improving the tolerance of tomato plants to drought stress. <i>Journal of Material Cycles and Waste Management</i> , 2022, 24, 1832-1841.	1.6	1
309	Potential resources from coal mining and combustion waste: Australian perspective. <i>Environment, Development and Sustainability</i> , 0, , .	2.7	1
310	An Optimized Combination of Mine Water Control, Treatment, Utilization, and Reinjection for Environmentally Sustainable Mining: A Case Study. <i>Mine Water and the Environment</i> , 2022, 41, 828-839.	0.9	16
311	Removal and kinetics of cadmium and copper ion adsorption in aqueous solution by zeolite NaX synthesized from coal gangue. <i>Environmental Science and Pollution Research</i> , 2022, 29, 84651-84660.	2.7	9
312	Landscape Pattern Evolution in a Mining City: An Urban Life Cycle Perspective. <i>Sustainability</i> , 2022, 14, 8492.	1.6	2
313	Effect of aggregate size distribution and confining pressure on mechanical property and microstructure of cemented gangue backfill materials. <i>Advanced Powder Technology</i> , 2022, 33, 103686.	2.0	14
314	Investigation of thermal behavior and hazards quantification in spontaneous combustion fires of coal and coal gangue. <i>Science of the Total Environment</i> , 2022, 843, 157072.	3.9	16

#	ARTICLE	IF	CITATIONS
315	Influence of biomass on coal slime combustion characteristics based on TG-FTIR, principal component analysis, and artificial neural network. <i>Science of the Total Environment</i> , 2022, 843, 156983.	3.9	19
316	Investigation of the catalytic performance of coal gangue char on biomass pyrolysis in a thermogravimetric analyzer and a fixed bed reactor. <i>Fuel</i> , 2022, 328, 125216.	3.4	6
317	Coal tailings as a soil conditioner: evaluation of tailing properties and effect on tomato plants. <i>Plant Growth Regulation</i> , 2022, 98, 439-450.	1.8	3
318	Effects of high-power microwave irradiation on tar-rich coal for realising in situ pyrolysis, fragmentation, and low-carbon utilisation of tar-rich coal. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2022, 157, 105165.	2.6	10
319	Study on macro-meso mechanical properties of cemented tailings backfill with high fly ash content. <i>Environmental Science and Pollution Research</i> , 2023, 30, 2904-2917.	2.7	7
320	Prospective application of coal gangue as filler in fracture-healing behavior of asphalt mixture. <i>Journal of Cleaner Production</i> , 2022, 373, 133738.	4.6	13
321	Causes and Countermeasures for the Failure of Mining Land Use Policy Reform: Practice Analysis from China. <i>Land</i> , 2022, 11, 1391.	1.2	5
322	Effect of interface geometric parameters on the mechanical properties and damage evolution of layered cemented gangue backfill: Experiments and models. <i>Construction and Building Materials</i> , 2022, 349, 128678.	3.2	12
323	Fibre-reinforced polymer confined-coal rejects concrete: Compressive behaviour. <i>Composite Structures</i> , 2022, 299, 116063.	3.1	0
324	Changes in soil quality over time focusing on organic acid content in restoration areas following coal mining. <i>Catena</i> , 2022, 218, 106567.	2.2	6
325	Driving mechanism of farmers' green production behavior under normalization of COVID-19 prevention and control: A case study in China. <i>Frontiers in Public Health</i> , 0, 10, .	1.3	3
326	A Hydro-Economic Model for Optimizing Management of Mine Water: A Case Study in the Suancangou Coal Mine, Northwestern China. <i>Mine Water and the Environment</i> , 2022, 41, 906-920.	0.9	1
327	River Ecosystem Resilience: Applying the Contingent Valuation Method in Vietnam. <i>Sustainability</i> , 2022, 14, 12029.	1.6	1
328	Experimental Investigation of Particle Size Alteration and the Selective Crushing Phenomenon of Gangue during the Jaw Crushing Process. <i>Sustainability</i> , 2022, 14, 12395.	1.6	3
329	Oxidation–reduction reactions and hydrogenation of steels of different structures in chloride-acetate solutions in the presence of iron sulfides. <i>Corrosion Reviews</i> , 2022, 40, 561-569.	1.0	0
330	Effects of MgO and Fe ₂ O ₃ Addition for Upgrading the Refractory Characteristics of Magnesite Ore Mining Waste/By-Products. <i>Clean Technologies</i> , 2022, 4, 1103-1126.	1.9	3
331	Spatial Distribution Characteristics of Coal Mine Drainage Water Quality in China. <i>Mine Water and the Environment</i> , 2022, 41, 1096-1105.	0.9	2
332	The problem of conflict minerals: A review of current approaches and a web 3.0 inspired road ahead. <i>Resources Policy</i> , 2022, 79, 103064.	4.2	5

#	ARTICLE	IF	CITATIONS
333	The effect of cellulose on the combustion characteristics of coal slime: TG-FTIR, principal component analysis, and 2D-COS. <i>Fuel</i> , 2023, 333, 126310.	3.4	11
334	Mining tailings and alkali activation: a comprehensive bibliometric review. <i>Environmental Science and Pollution Research</i> , 0, , .	2.7	2
335	The influence of classical "green" theories on contemporary industrial planning practices: A review study. <i>Town and Regional Planning</i> , 2022, 81, .	0.1	1
336	Assessing Potential Spontaneous Combustion of Coal Gangue Dumps after Reclamation by Simulating Alfalfa Heat Stress Based on the Spectral Features of Chlorophyll Fluorescence Parameters. <i>Remote Sensing</i> , 2022, 14, 5974.	1.8	1
337	Impact of Shredded Rubber Waste (SRW) on the Range of Elastic Work of Road Construction Mixtures Containing Industrial Waste Bound with a Binder. <i>Materials</i> , 2022, 15, 8503.	1.3	0
339	Impacts of high-quality coal mine drainage recycling for replenishment of aquatic ecosystems in arid regions of China: Bacterial community responses. <i>Environmental Research</i> , 2023, 223, 115083.	3.7	3
340	A global meta-analysis of coal mining studies provides insights into the hydrologic cycle at watershed scale. <i>Journal of Hydrology</i> , 2023, 617, 129023.	2.3	5
341	A Coal Gangue Identification Method Based on HOG Combined with LBP Features and Improved Support Vector Machine. <i>Symmetry</i> , 2023, 15, 202.	1.1	2
342	Laboratory tests, field application and carbon footprint assessment of cement-stabilized pure coal solid wastes as pavement base materials. <i>Construction and Building Materials</i> , 2023, 366, 130265.	3.2	8
343	Understanding the relationship between the wettability of ultrafine coal particles and flotation response. <i>International Journal of Coal Preparation and Utilization</i> , 0, , 1-15.	1.2	1
344	Carbonation of fly ash. , 2023, , 267-325.		0
345	Conventional and recent advances in gravity separation technologies for coal cleaning: A systematic and critical review. <i>Heliyon</i> , 2023, 9, e13083.	1.4	11
346	Char-CO ₂ reaction behaviour and interactions of coal gangue/weathered coal and coal gangue/pine sawdust blends. <i>Journal of Thermal Analysis and Calorimetry</i> , 0, , .	2.0	0
347	Understanding the effect of high-volume fly ash on micro-structure and mechanical properties of cemented coal gangue paste backfill. <i>Construction and Building Materials</i> , 2023, 378, 131202.	3.2	12
348	Study on secondary oxidation characteristics of coal gangue at different pyrolysis rank. <i>Fuel</i> , 2023, 345, 128231.	3.4	5
349	A systematic review exploring the utilization of coal mining and processing wastes as secondary aggregate in sub-base and base layers of pavement. <i>Construction and Building Materials</i> , 2023, 368, 130408.	3.2	4
350	Preparation of ceramsite from lead-zinc tailings and coal gangue: Physical properties and solidification of heavy metals. <i>Construction and Building Materials</i> , 2023, 368, 130426.	3.2	9
351	A review on remanufacturing, reuse, and recycling in supply chain"Exploring the evolution of information technology over two decades. <i>International Journal of Information Management Data Insights</i> , 2023, 3, 100160.	6.5	1

#	ARTICLE	IF	CITATIONS
352	Geotechnical Characterization of Phosphate Mining Waste Materials for Use in Pavement Construction. <i>Engineering, Technology & Applied Science Research</i> , 2023, 13, 10005-10013.	0.8	2
353	Long-term performance of steel-spontaneous combustion coal gangue aggregate concrete composite slabs considering the influence of non-uniform shrinkage. <i>Construction and Building Materials</i> , 2023, 370, 130690.	3.2	4
354	Blue hydrogen production from natural gas reservoirs: A review of application and feasibility. <i>Journal of CO2 Utilization</i> , 2023, 70, 102438.	3.3	16
355	Reaction-bonded robust SiC ceramic membranes sintered at low temperature with coal gangue. <i>Ceramics International</i> , 2023, 49, 19798-19805.	2.3	6
356	Machine learning exploration of the mobility and environmental assessment of toxic elements in mining-associated solid wastes. <i>Journal of Cleaner Production</i> , 2023, 401, 136771.	4.6	14
357	Bottom Ash: Production, Characterisation, and Potential for Recycling. <i>Earth and Environmental Sciences Library</i> , 2023, , 155-212.	0.3	0
358	Coal wastes: handling, pollution, impacts, and utilization. , 2023, , 97-163.		0
364	Low-carbon utilization of coal gangue under the carbon neutralization strategy: a short review. <i>Journal of Material Cycles and Waste Management</i> , 2023, 25, 1978-1987.	1.6	9
369	Challenges and extended business opportunity associated with E-waste management options. , 2023, , 31-49.		0
376	Management of solar cell e-waste: challenges and techniques. , 2023, , 255-272.		0
396	A Systematic Bibliometric Analysis of Research on Hazardous Solid Waste Management. <i>Environmental Science and Engineering</i> , 2023, , 167-182.	0.1	0