

Mingyue Wu

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

656
citations

687363

13
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

284
citing authors

#	ARTICLE	IF	CITATIONS
1	Growth environment optimization for inducing bacterial mineralization and its application in concrete healing. <i>Construction and Building Materials</i> , 2019, 209, 631-643.	7.2	152
2	Preparation and performance evaluation of environment-friendly biological dust suppressant. <i>Journal of Cleaner Production</i> , 2020, 273, 123162.	9.3	70
3	Carbon dioxide sealing-based inhibition of coal spontaneous combustion: A temperature-sensitive micro-encapsulated fire-retardant foamed gel. <i>Fuel</i> , 2020, 266, 117036.	6.4	56
4	Application of bacterial spores coated by a green inorganic cementitious material for the self-healing of concrete cracks. <i>Cement and Concrete Composites</i> , 2020, 113, 103718.	10.7	47
5	Urease producing microorganisms for coal dust suppression isolated from coal: Characterization and comparative study. <i>Advanced Powder Technology</i> , 2020, 31, 4095-4106.	4.1	44
6	Study of resource utilization and fire prevention characteristics of a novel gel formulated from coal mine sludge (MS). <i>Fuel</i> , 2020, 267, 117261.	6.4	41
7	Study on preparation and properties of mineral surfactant "microbial dust suppressant. <i>Powder Technology</i> , 2021, 383, 233-243.	4.2	36
8	Preparation of microbial dust suppressant and its application in coal dust suppression. <i>Advanced Powder Technology</i> , 2021, 32, 4509-4521.	4.1	36
9	Development of a novel composite inhibitor modified with proanthocyanidins and mixed with ammonium polyphosphate. <i>Energy</i> , 2020, 213, 118901.	8.8	29
10	Preparation of new gel foam and evaluation of its fire extinguishing performance. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 629, 127443.	4.7	29
11	Coal Dust Consolidation Using Calcium Carbonate Precipitation Induced by Treatment with Mixed Cultures of Urease-Producing Bacteria. <i>Water, Air, and Soil Pollution</i> , 2020, 231, 1.	2.4	26
12	Two-component polyurethane healing system: Effect of different accelerators and capsules on the healing efficiency of dynamic concrete cracks. <i>Construction and Building Materials</i> , 2019, 227, 116700.	7.2	23
13	Application of zeolite as a bacterial carrier in the self-healing of cement mortar cracks. <i>Construction and Building Materials</i> , 2022, 331, 127324.	7.2	20
14	Preparation and evaluation of humic acid-based composite dust suppressant for coal storage and transportation. <i>Environmental Science and Pollution Research</i> , 2022, 29, 17072-17086.	5.3	13
15	Preparation and properties of cellulose nanofiber (CNF) /polyvinyl alcohol (PVA) /graphene oxide (GO): Application of CO ₂ absorption capacity and molecular dynamics simulation. <i>Journal of Environmental Management</i> , 2022, 302, 114044.	7.8	11
16	Orthogonal Experimental Studies on Preparation of Mine-Filling Materials from Carbide Slag, Granulated Blast-Furnace Slag, Fly Ash, and Flue-Gas Desulphurisation Gypsum. <i>Advances in Materials Science and Engineering</i> , 2018, 2018, 1-12.	1.8	7
17	Preparation and performance of a biological dust suppressant based on the synergistic effect of enzyme-induced carbonate precipitation and surfactant. <i>Environmental Science and Pollution Research</i> , 2022, 29, 8423-8437.	5.3	7
18	Self-healing performance of concrete for underground space. <i>Materials and Structures/Materiaux Et Constructions</i> , 2022, 55, .	3.1	5

#	ARTICLE	IF	CITATIONS
19	Preparation of Mussel-Inspired Stable-Bonding Dust Binders for Fugitive Dust Control. ACS Applied Polymer Materials, 2022, 4, 5341-5354.	4.4	3
20	Early Warning of Coal Spontaneous Combustion: A Study of CO Response Mechanism Based on PANI/Ti ₃ AlC ₂ Composite Gas Sensing Film**. ChemistrySelect, 2022, 7, .	1.5	1