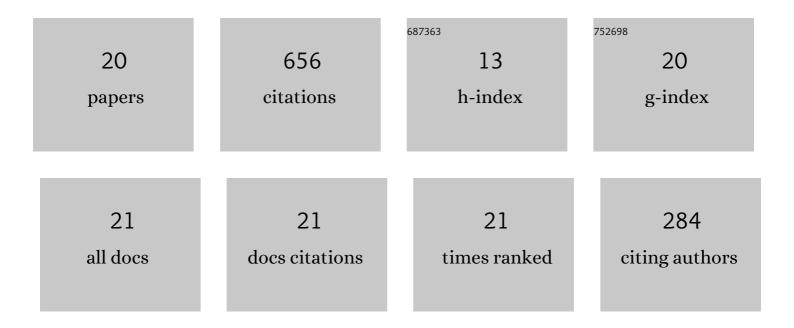
Mingyue Wu

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | Preparation and performance of a biological dust suppressant based on the synergistic effect of enzyme-induced carbonate precipitation and surfactant. Environmental Science and Pollution Research, 2022, 29, 8423-8437. | 5.3 | 7 |
| 2 | Preparation and evaluation of humic acid–based composite dust suppressant for coal storage and transportation. Environmental Science and Pollution Research, 2022, 29, 17072-17086. | 5.3 | 13 |
| 3 | Preparation and properties of cellulosenanofiber (CNF) /polyvinyl alcohol (PVA) /graphene oxide (GO): Application of CO2 absorption capacity and molecular dynamics simulation. Journal of Environmental Management, 2022, 302, 114044. | 7.8 | 11 |
| 4 | Application of zeolite as a bacterial carrier in the self-healing of cement mortar cracks. Construction and Building Materials, 2022, 331, 127324. | 7.2 | 20 |
| 5 | Self-healing performance of concrete for underground space. Materials and Structures/Materiaux Et Constructions, 2022, 55, . | 3.1 | 5 |
| 6 | Preparation of Mussel-Inspired Stable-Bonding Dust Binders for Fugitive Dust Control. ACS Applied Polymer Materials, 2022, 4, 5341-5354. | 4.4 | 3 |
| 7 | 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 |
| 8 | Study on preparation and properties of mineral surfactant – microbial dust suppressant. Powder Technology, 2021, 383, 233-243. | 4.2 | 36 |
| 9 | Preparation of new gel foam and evaluation of its fire extinguishing performance. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 629, 127443. | 4.7 | 29 |
| 10 | Preparation of microbial dust suppressant and its application in coal dust suppression. Advanced Powder Technology, 2021, 32, 4509-4521. | 4.1 | 36 |
| 11 | Development of a novel composite inhibitor modified with proanthocyanidins and mixed with ammonium polyphosphate. Energy, 2020, 213, 118901. | 8.8 | 29 |
| 12 | Urease producing microorganisms for coal dust suppression isolated from coal: Characterization and comparative study. Advanced Powder Technology, 2020, 31, 4095-4106. | 4.1 | 44 |
| 13 | Preparation and performance evaluation of environment-friendly biological dust suppressant. Journal of Cleaner Production, 2020, 273, 123162. | 9.3 | 70 |
| 14 | Application of bacterial spores coated by a green inorganic cementitious material for the self-healing of concrete cracks. Cement and Concrete Composites, 2020, 113, 103718. | 10.7 | 47 |
| 15 | Coal Dust Consolidation Using Calcium Carbonate Precipitation Induced by Treatment with Mixed Cultures of Urease-Producing Bacteria. Water, Air, and Soil Pollution, 2020, 231, 1. | 2.4 | 26 |
| 16 | Study of resource utilization and fire prevention characteristics of a novel gel formulated from coal mine sludge (MS). Fuel, 2020, 267, 117261. | 6.4 | 41 |
| 17 | Carbon dioxide sealing-based inhibition of coal spontaneous combustion: A temperature-sensitive micro-encapsulated fire-retardant foamed gel. Fuel, 2020, 266, 117036. | 6.4 | 56 |
| 18 | Two-component polyurethane healing system: Effect of different accelerators and capsules on the healing efficiency of dynamic concrete cracks. Construction and Building Materials, 2019, 227, 116700. | 7.2 | 23 |

| # | Article | IF | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Growth environment optimization for inducing bacterial mineralization and its application in concrete healing. Construction and Building Materials, 2019, 209, 631-643. | 7.2 | 152 |
| 20 | Orthogonal Experimental Studies on Preparation of Mine-Filling Materials from Carbide Slag, Granulated Blast-Furnace Slag, Fly Ash, and Flue-Gas Desulphurisation Gypsum. Advances in Materials Science and Engineering, 2018, 2018, 1-12. | 1.8 | 7 |