

Gaili Xue

List of Publications by Year in descending order

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14
papers

950
citations

623734

14
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

337
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanical, flexural and microstructural properties of cement-tailings matrix composites: Effects of fiber type and dosage. <i>Composites Part B: Engineering</i> , 2019, 172, 131-142.	12.0	113
2	Loading rate effect on uniaxial compressive strength behavior and acoustic emission properties of cemented tailings backfill. <i>Construction and Building Materials</i> , 2019, 213, 313-324.	7.2	106
3	CT scanning of internal crack mechanism and strength behavior of cement-fiber-tailings matrix composites. <i>Cement and Concrete Composites</i> , 2021, 116, 103865.	10.7	100
4	Influence of fiber reinforcement on mechanical behavior and microstructural properties of cemented tailings backfill. <i>Construction and Building Materials</i> , 2019, 213, 275-285.	7.2	82
5	Fiber length effect on strength properties of polypropylene fiber reinforced cemented tailings backfill specimens with different sizes. <i>Construction and Building Materials</i> , 2020, 241, 118113.	7.2	80
6	Flexural Behavior of Fiber Reinforced Cemented Tailings Backfill Under Three-Point Bending. <i>IEEE Access</i> , 2019, 7, 139317-139328.	4.2	74
7	Reinforcement effect of polypropylene fiber on dynamic properties of cemented tailings backfill under SHPB impact loading. <i>Construction and Building Materials</i> , 2021, 279, 122417.	7.2	65
8	Compressive Strength Characteristics of Cemented Tailings Backfill with Alkali-Activated Slag. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 1537.	2.5	64
9	Utilizing concrete pillars as an environmental mining practice in underground mines. <i>Journal of Cleaner Production</i> , 2021, 278, 123433.	9.3	64
10	Strength development and microstructure characteristics of artificial concrete pillar considering fiber type and content effects. <i>Construction and Building Materials</i> , 2020, 256, 119408.	7.2	58
11	Assessment of Acoustic Emission and Triaxial Mechanical Properties of Rock-Cemented Tailings Matrix Composites. <i>Advances in Materials Science and Engineering</i> , 2019, 2019, 1-12.	1.8	43
12	Assessment of rheological and sedimentation characteristics of fresh cemented tailings backfill slurry. <i>International Journal of Mining, Reclamation and Environment</i> , 2021, 35, 319-335.	2.8	43
13	Bending behavior and failure mode of cemented tailings backfill composites incorporating different fibers for sustainable construction. <i>Construction and Building Materials</i> , 2021, 289, 123163.	7.2	37
14	Analysis of tensile mechanical characteristics of fibre reinforced backfill through splitting tensile and three-point bending tests. <i>International Journal of Mining, Reclamation and Environment</i> , 2022, 36, 218-234.	2.8	21