

# Zhaofeng Li

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

763  
citations

516710

16  
h-index

526287

27  
g-index

27  
all docs

27  
docs citations

27  
times ranked

427  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental study on performance of cement-based grouts admixed with fly ash, bentonite, superplasticizer and water glass. <i>Construction and Building Materials</i> , 2018, 161, 282-291.	7.2	116
2	Effect of different gypsums on the workability and mechanical properties of red mud-slag based grouting materials. <i>Journal of Cleaner Production</i> , 2020, 245, 118759.	9.3	89
3	Synergistic use of industrial solid wastes to prepare belite-rich sulphoaluminate cement and its feasibility use in repairing materials. <i>Construction and Building Materials</i> , 2020, 264, 120201.	7.2	55
4	Investigation and practical application of a new cementitious anti-washout grouting material. <i>Construction and Building Materials</i> , 2019, 224, 66-77.	7.2	50
5	Feasibility study of red mud for geopolymer preparation: effect of particle size fraction. <i>Journal of Material Cycles and Waste Management</i> , 2020, 22, 1328-1338.	3.0	43
6	Investigation the synergistic effects in quaternary binder containing red mud, blast furnace slag, steel slag and flue gas desulfurization gypsum based on artificial neural networks. <i>Journal of Cleaner Production</i> , 2020, 273, 122972.	9.3	42
7	Effect of particle size and thermal activation on the coal gangue based geopolymer. <i>Materials Chemistry and Physics</i> , 2021, 267, 124657.	4.0	39
8	Properties of Cement-Based Grouts with High Amounts of Ground Granulated Blast-Furnace Slag and Fly Ash. <i>Journal of Materials in Civil Engineering</i> , 2017, 29, .	2.9	34
9	Effect of ultrafine red mud on the workability and microstructure of blast furnace slag-red mud based geopolymeric grouts. <i>Powder Technology</i> , 2021, 392, 610-618.	4.2	32
10	Feasibility of preparing red mud-based cementitious materials: Synergistic utilization of industrial solid waste, waste heat, and tail gas. <i>Journal of Cleaner Production</i> , 2021, 285, 124896.	9.3	29
11	Hydration effect of sodium silicate on cement slurry doped with xanthan. <i>Construction and Building Materials</i> , 2019, 223, 976-985.	7.2	26
12	Investigation of viscous behaviour and strength of microfine-cement-based grout mixed with microfine fly ash and superplasticiser. <i>Advances in Cement Research</i> , 2017, 29, 206-215.	1.6	24
13	Grouting sealing mechanism of water gushing in karst pipelines and engineering application. <i>Construction and Building Materials</i> , 2020, 254, 119250.	7.2	22
14	Feasibility study on grouting material prepared from red mud and metallurgical wastewater based on synergistic theory. <i>Journal of Hazardous Materials</i> , 2021, 407, 124358.	12.4	22
15	Study on the inorganic synthesis from recycled cement and solid waste gypsum system: Application in grouting materials. <i>Construction and Building Materials</i> , 2020, 251, 118930.	7.2	21
16	Compatibility of different fibres with red mud-based geopolymer grouts. <i>Construction and Building Materials</i> , 2022, 315, 125742.	7.2	19
17	A novel treatment method and construction technology of the pipeline gushing water geohazards in karst region. <i>Tunnelling and Underground Space Technology</i> , 2021, 113, 103939.	6.2	18
18	Effects of fineness on viscoelasticity of microfine cement-based grouts with fly ash, silica fume and superplasticiser. <i>Advances in Cement Research</i> , 2018, 30, 469-481.	1.6	14

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19	An Integrated Evaluation Method for the Grouting Effect in Karst Areas. KSCE Journal of Civil Engineering, 2021, 25, 3186-3197.	1.9	14
20	An Extension Theoretical Model for Grouting Effect Evaluation in Sand Stratum of Metro Construction. KSCE Journal of Civil Engineering, 2019, 23, 2349-2358.	1.9	12
21	High-efficiency utilization of limestone tailings: Used as cementitious materials and fine aggregate to prepare karst structure filling material. Construction and Building Materials, 2022, 316, 125841.	7.2	11
22	Mechanical strength enhancement and mechanism of hardened cement paste incorporating ZIF-8. Materials Letters, 2020, 268, 127582.	2.6	10
23	Nondestructive Evaluation on Strain Sensing Capability of Piezoelectric Sensors for Structural Health Monitoring. Research in Nondestructive Evaluation, 2017, 28, 61-75.	1.1	6
24	Performance and Microstructure of Alkali-Activated Red Mud-Based Grouting Materials Under Class F Fly Ash Amendment. Indian Geotechnical Journal, 2020, 50, 1048-1056.	1.4	5
25	Grouting Effect on Reinforcement of Weathered Granite. Geotechnical and Geological Engineering, 2020, 38, 2873-2886.	1.7	4
26	Synthesis, Characterization and Properties of Solid Waste Based High Belite Cement. Chemistry Letters, 2021, 50, 128-130.	1.3	4
27	Effect of xanthan on pore structure of cement slurry doped with sodium silicate. Materials Letters, 2019, 257, 126736.	2.6	2