

Juanhong Liu

List of Publications by Year in descending order

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16
papers

283
citations

1040056

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16
docs citations

16
times ranked

249
citing authors

#	ARTICLE	IF	CITATIONS
1	The re-swelling mechanism of superabsorbent polymers (SAP) in the SAP voids of cement-based materials. <i>Cement and Concrete Composites</i> , 2022, 130, 104561.	10.7	12
2	Influence of reswollen superabsorbent polymers on the corrosion behavior of steel fibers in cracked mortars exposed to NaCl solutions. <i>Construction and Building Materials</i> , 2021, 299, 124283.	7.2	2
3	A Novel Method for Studying the Re-Swelling Capacity of Superabsorbent Polymers in An Artificial Crack. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2020, 35, 996-1002.	1.0	1
4	Failure Patterns and Energy Analysis of Shaft Lining Concrete in Simulated Deep Underground Environments. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2020, 35, 418-430.	1.0	3
5	Corrosion Behavior of Steel Fibers in Reactive Powder Concrete with High Volume of Mineral Admixtures. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2020, 35, 541-550.	1.0	3
6	Influence of NaCl concentrations on the crack-sealing behavior of superabsorbent polymers in cementitious materials. <i>Construction and Building Materials</i> , 2020, 243, 118228.	7.2	10
7	Properties of high-volume iron tailing powder concrete under different curing conditions. <i>Construction and Building Materials</i> , 2020, 241, 118108.	7.2	35
8	The re-swelling behavior of superabsorbent polymers (SAPs) in hardened cement paste with an artificial crack. <i>Materials and Structures/Materiaux Et Constructions</i> , 2019, 52, 1.	3.1	12
9	Effects of CFB Ash on the Adsorption Mechanism of Polycarboxylate Superplasticiser. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2018, 33, 1323-1333.	1.0	0
10	Hydration heat of slag or fly ash in the composite binder at different temperatures. <i>Thermochimica Acta</i> , 2017, 655, 202-210.	2.7	79
11	Comparative study of reaction degree of mineral admixture by selective dissolution and image analysis. <i>Construction and Building Materials</i> , 2016, 114, 946-955.	7.2	33
12	Hydration kinetics of composite binder containing fly ash at different temperatures. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016, 124, 1691-1703.	3.6	44
13	Anti-seawater corrosion performance of coastal saline soil cured by slag composite cementitious material. <i>Emerging Materials Research</i> , 2014, 3, 292-298.	0.7	1
14	Form and mechanism of sulfate attack on cement-based material made of limestone powder at low water-binder ratio under low temperature conditions. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2012, 27, 581-585.	1.0	3
15	Effects of curing systems on properties of high volume fine mineral powder RPC and appearance of hydrates. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2010, 25, 619-623.	1.0	9
16	Durability and micro-structure of reactive powder concrete. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2009, 24, 506-509.	1.0	36