

Li Li

List of Publications by Year in descending order

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26
papers

814
citations

471509

17
h-index

552781

26
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26
all docs

26
docs citations

26
times ranked

336
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative roles between aragonite and calcite calcium carbonate whiskers in the hydration and strength of cement paste. <i>Cement and Concrete Composites</i> , 2019, 104, 103350.	10.7	94
2	Influence of MgO on the Hydration and Shrinkage Behavior of Low Heat Portland Cement-Based Materials via Pore Structural and Fractal Analysis. <i>Fractal and Fractional</i> , 2022, 6, 40.	3.3	62
3	Influence of high temperature on strength, ultrasonic velocity and mass loss of calcium carbonate whisker reinforced cement paste. <i>Composites Part B: Engineering</i> , 2019, 163, 438-446.	12.0	59
4	Assessment of fiber factor for the fracture toughness of polyethylene fiber reinforced geopolymer. <i>Construction and Building Materials</i> , 2022, 319, 126130.	7.2	57
5	Uniaxial Tensile Behavior, Flexural Properties, Empirical Calculation and Microstructure of Multi-Scale Fiber Reinforced Cement-Based Material at Elevated Temperature. <i>Materials</i> , 2021, 14, 1827.	2.9	50
6	New models for predicting workability and toughness of hybrid fiber reinforced cement-based composites. <i>Construction and Building Materials</i> , 2018, 176, 618-628.	7.2	48
7	Establishment of fiber factor for rheological and mechanical performance of polyvinyl alcohol (PVA) fiber reinforced mortar. <i>Construction and Building Materials</i> , 2020, 265, 120347.	7.2	42
8	NANOINDENTATION AND POROSITY FRACTAL DIMENSION OF CALCIUM CARBONATE WHISKER REINFORCED CEMENT PASTE AFTER ELEVATED TEMPERATURES (UP TO 900°C). <i>Fractals</i> , 2021, 29, 2140001.	3.7	39
9	Microstructure of calcium carbonate whisker reinforced cement paste after elevated temperature exposure. <i>Construction and Building Materials</i> , 2019, 227, 116609.	7.2	36
10	Effect of high temperature on morphologies of fibers and mechanical properties of multi-scale fiber reinforced cement-based composites. <i>Construction and Building Materials</i> , 2020, 261, 120487.	7.2	36
11	Surface Cracking and Fractal Characteristics of Bending Fractured Polypropylene Fiber-Reinforced Geopolymer Mortar. <i>Fractal and Fractional</i> , 2021, 5, 142.	3.3	35
12	Microstructure and Strength of Calcium Carbonate (CaCO ₃) Whisker Reinforced Cement Paste After Exposed to High Temperatures. <i>Fire Technology</i> , 2019, 55, 1983-2003.	3.0	32
13	Rheological and viscoelastic characterizations of fly ash/slag/silica fume-based geopolymer. <i>Journal of Cleaner Production</i> , 2022, 354, 131629.	9.3	30
14	Effects of CaCO ₃ whisker, hybrid fiber content and size on uniaxial compressive behavior of cementitious composites. <i>Structural Concrete</i> , 2019, 20, 506-518.	3.1	28
15	Influence of calcium carbonate whisker and polyvinyl alcohol- steel hybrid fiber on ultrasonic velocity and resonant frequency of cementitious composites. <i>Construction and Building Materials</i> , 2018, 188, 737-746.	7.2	27
16	Effects of high temperature and post-fire-curing on compressive strength and microstructure of calcium carbonate whisker-fly ash-cement system. <i>Construction and Building Materials</i> , 2020, 244, 118333.	7.2	26
17	Behaviour and damage assessment of a new hybrid-fibre-reinforced mortar under impact load. <i>Magazine of Concrete Research</i> , 2018, 70, 905-918.	2.0	18
18	Synergistic Effect between CaCO ₃ Whisker and Steel-PVA Fiber Cocktail in Cement-Based Material at Elevated Temperature. <i>Journal of Materials in Civil Engineering</i> , 2022, 34, .	2.9	18

#	ARTICLE	IF	CITATIONS
19	Fiber factor for fresh and hardened properties of polyethylene fiber-reinforced geopolymer mortar. Journal of Building Engineering, 2022, 53, 104556.	3.4	17
20	Crack fractal analysis of fractured polyethylene fiber reinforced alkali activated mortar under flexural load. Construction and Building Materials, 2022, 345, 128428.	7.2	14
21	Water stability of bonding properties between nano-Fe ₂ O ₃ -modified magnesium-phosphate-cement mortar and steel fibre. Construction and Building Materials, 2021, 291, 123316.	7.2	12
22	Seismic Performance of Steel Fiber Reinforced High-Strength Concrete Beam-Column Joints. Materials, 2021, 14, 3235.	2.9	9
23	Characterization of bending performance of reinforced cementitious composites beams with hybrid fibers after exposure to high temperatures. Structural Concrete, 2022, 23, 395-411.	3.1	8
24	Influence of Polypropylene Fibre Factor on Flowability and Mechanical Properties of Self-Compacting Geopolymer. Materials, 2021, 14, 5025.	2.9	6
25	Influence of Reinforcing Index on Rheology of Fiber-Reinforced Mortar. ACI Materials Journal, 2019, 116, .	0.2	6
26	Constitutive Model of Uniaxial Compressive Behavior for Roller-Compacted Concrete Using Coal Bottom Ash Entirely as Fine Aggregate. Buildings, 2021, 11, 191.	3.1	5