

Yu Jiangjiang

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

188
citations

1307594

7
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

109
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental and numerical investigation on I-II mixed-mode fracture of concrete based on the Monte Carlo random aggregate distribution. <i>Construction and Building Materials</i> , 2018, 191, 523-534.	7.2	42
2	Experimental and multi-scale numerical investigation of ultra-high performance fiber reinforced concrete (UHPFRC) with different coarse aggregate content and fiber volume fraction. <i>Construction and Building Materials</i> , 2020, 260, 120444.	7.2	36
3	Multi-scale analysis on the tensile properties of UHPC considering fiber orientation. <i>Composite Structures</i> , 2022, 280, 114835.	5.8	23
4	Research and application of random aggregate model in determining the fracture behavior of four-point bending beam with notch. <i>Construction and Building Materials</i> , 2019, 202, 276-289.	7.2	21
5	The Mechanical Properties and Damage Evolution of UHPC Reinforced with Glass Fibers and High-Performance Polypropylene Fibers. <i>Materials</i> , 2021, 14, 2455.	2.9	21
6	Stress states and shear failure mechanisms of girders with corrugated steel webs. <i>Thin-Walled Structures</i> , 2020, 157, 106858.	5.3	16
7	Mixed-mode I-II mesoscale fracture behavior of concrete determined by the realistic aggregate numerical model. <i>Construction and Building Materials</i> , 2019, 226, 802-817.	7.2	13
8	Multi-scale study on interfacial bond failure between normal concrete (NC) and ultra-high performance concrete (UHPC). <i>Journal of Building Engineering</i> , 2022, 57, 104808.	3.4	8
9	Mixed-Mode I-II Fracture Process Zone Characteristic of the Four-Point Shearing Concrete Beam. <i>Materials</i> , 2020, 13, 3203.	2.9	5
10	Failure evolution and fiber toughening mechanism of ultra-high performance concrete under uniaxial compression. <i>Journal of Sustainable Cement-Based Materials</i> , 2023, 12, 441-459.	3.1	3
11	Mixed Mode I-II Fracture Path and Initiation Angle of Concrete at Mesoscale Level. <i>Advances in Materials Science and Engineering</i> , 2019, 2019, 1-10.	1.8	0