

Linjun Mu

List of Publications by Year in descending order

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18
papers

412
citations

840776

11
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

300
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation on water absorption of concrete under the coupling action of uniaxial compressive load and freeze-thaw cycles. <i>Materials and Structures/Materiaux Et Constructions</i> , 2022, 55, .	3.1	1
2	Investigation of stress level on fatigue performance of plain concrete based on energy dissipation method. <i>Construction and Building Materials</i> , 2021, 269, 121287.	7.2	12
3	Effect of water-to-cement ratio on service life of reinforced concrete structures in chloride environment. <i>Structural Concrete</i> , 2021, 22, 2748-2760.	3.1	2
4	Investigation on water absorption in concrete after subjected to compressive fatigue loading. <i>Construction and Building Materials</i> , 2021, 299, 123897.	7.2	11
5	Effect of Fly Ash with Different Particle Size Distributions on the Properties and Microstructure of Concrete. <i>Journal of Materials Engineering and Performance</i> , 2020, 29, 6631-6639.	2.5	6
6	Uncertain Factors Relating to the Prediction of Corrosion-induced Cracking of Concrete Cover. <i>Journal of Advanced Concrete Technology</i> , 2020, 18, 699-715.	1.8	7
7	Combined effect of water and sustained compressive loading on chloride penetration into concrete. <i>Construction and Building Materials</i> , 2017, 156, 708-718.	7.2	62
8	Investigation on chloride penetration into unsaturated concrete under short-term sustained tensile loading. <i>Materials and Structures/Materiaux Et Constructions</i> , 2017, 50, 1.	3.1	17
9	Capillary imbibition of water in discrete planar cracks. <i>Construction and Building Materials</i> , 2017, 146, 381-392.	7.2	19
10	Discussion: Dynamic properties of large aggregate concrete under triaxial loading. <i>Magazine of Concrete Research</i> , 2017, 69, 317-319.	2.0	0
11	Effect of Short-Term Sustained Uniaxial Loadings on Water Absorption of Concrete. <i>Journal of Materials in Civil Engineering</i> , 2017, 29, .	2.9	23
12	Influence of Curing Conditions on Properties of Normal and High Strength Concrete with and without Pre-Wetted Lightweight Aggregates. <i>Journal of Advanced Concrete Technology</i> , 2017, 15, 300-313.	1.8	4
13	Residual strain analysis of non-prestressed reinforcement in PPC beams under fatigue loading. <i>Materials and Structures/Materiaux Et Constructions</i> , 2015, 48, 1785-1802.	3.1	14
14	Capillary absorption of concrete after mechanical loading. <i>Magazine of Concrete Research</i> , 2014, 66, 420-431.	2.0	29
15	Mesoscale Modeling of Chloride Penetration in Unsaturated Concrete Damaged by Freeze-Thaw Cycling. <i>Journal of Materials in Civil Engineering</i> , 2014, 26, 955-965.	2.9	29
16	Mesoscale Modelling of the Chloride Diffusion in Cracks and Cracked Concrete. <i>Journal of Advanced Concrete Technology</i> , 2011, 9, 241-249.	1.8	49
17	Mesoscale Simulation of Influence of Frost Damage on Mechanical Properties of Concrete. <i>Journal of Materials in Civil Engineering</i> , 2009, 21, 244-252.	2.9	66
18	Simulation of Chloride Diffusivity for Cracked Concrete Based on RBSM and Truss Network Model. <i>Journal of Advanced Concrete Technology</i> , 2008, 6, 143-155.	1.8	61