

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