An-Ming She

List of Publications by Year
in descending order

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15 papers	226 citations	1307594 7 h-index	1058476 14 g-index
15 all docs	15 docs citations	15 times ranked	151 citing authors

#	Article	IF	Citations
1	Evolution of distribution and content of water in cement paste by low field nuclear magnetic resonance. Journal of Central South University, 2013, 20, 1109-1114.	3.0	41
2	Effects of Calcium Source on Biochemical Properties of Microbial CaCO3 Precipitation. Frontiers in Microbiology, 2015, 6, 1366.	3.5	37
3	Synthesis and structure of calcium silicate hydrate (C-S-H) modified by hydroxyl-terminated polydimethylsiloxane (PDMS). Construction and Building Materials, 2021, 267, 120731.	7.2	33
4	Investigation of hydration and setting process in nanosilica-cement blended pastes: In situ characterization using low field nuclear magnetic resonance. Construction and Building Materials, 2021, 304, 124631.	7.2	32
5	Probing the hydration of composite cement pastes containing fly ash and silica fume by proton NMR spin-lattice relaxation. Science China Technological Sciences, 2010, 53, 1471-1476.	4.0	26
6	Weathering of Roofing Insulation Materials under Multi-Field Coupling Conditions. Materials, 2019, 12, 3348.	2.9	15
7	In-situ monitoring of hydration kinetics of cement pastes by low-field NMR. Journal Wuhan University of Technology, Materials Science Edition, 2010, 25, 692-695.	1.0	14
8	Experimental Study and Simulation Calculation of the Chloride Resistance of Concrete under Multiple Factors. Applied Sciences (Switzerland), 2021, 11, 5322.	2.5	7
9	Microscopic experimental analysis on weatherability of roof insulation materials under multi field coupling environment. Materials Research Express, 2021, 8, 035504.	1.6	5
10	Characterisation of calcium aluminate cement hydration: comparison of low-field NMR and conventional methods. Advances in Cement Research, 2022, 34, 28-35.	1.6	5
11	Evaluation of the nanostructure of calcium silicate hydrate based on atomic force microscopy-infrared spectroscopy experiments. Nanotechnology Reviews, 2021, 10, 807-818.	5.8	4
12	Hydration kinetics of cementitious materials based on low-field NMR and isothermal calorimetry. Fullerenes Nanotubes and Carbon Nanostructures, 2022, 30, 607-618.	2.1	3
13	Crack Identification Method of Steel Fiber Reinforced Concrete Based on Deep Learning: A Comparative Study and Shared Crack Database. Advances in Materials Science and Engineering, 2021, 2021, 1-10.	1.8	2
14	Zeolite-Loaded Titanium Dioxide Photocatalytic Cement-Based Materials for Efficient Degradation of Drinking Water Disinfection Byproduct Trichloroacetamide. Frontiers in Materials, 2021, 8, .	2.4	1
15	Damage Evaluation of Bridge Hanger Based on Bayesian Inference: Analytical Model. Advances in Materials Science and Engineering, 2021, 2021, 1-9.	1.8	1