

CITATION REPORT

List of articles citing

Effect of strain rate on cement mortar under compression, studied by electrical resistivity measurement

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Cement and Concrete Research, 2002, 32, 817-819.

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#	Paper	IF	Citations
20	Damage in cement-based materials, studied by electrical resistance measurement. <i>Materials Science and Engineering Reports</i> , 2003 , 42, 1-40	30.9	68
19	Nonlinear Dynamic Behavior of Unreinforced Masonry Walls Subjected to Out-of-Plane Loads. <i>Journal of Structural Engineering</i> , 2008 , 134, 1743-1753	3	24
18	FRACTURE MECHANISM AND PREDICTION OF DEFORMATION OF MORTAR UNDER TIME-DEPENDENT LOADS BY MESO-SCALE ANALYSIS. <i>Doboku Gakkai Ronbunshuu E</i> , 2010 , 66, 380-398		2
17	Effect of Testing Method and Strain Rate on Stress-Strain Behavior of Concrete. <i>Journal of Materials in Civil Engineering</i> , 2013 , 25, 1752-1761	3	45
16	Stress-Strain Behavior and Statistical Continuous Damage Model of Cement Mortar under High Strain Rates. <i>Journal of Materials in Civil Engineering</i> , 2013 , 25, 120-130	3	43
15	Sensing Properties of Self-Sensing Concrete. 2014 , 95-162		1
14	Effect of fiber volume content on electromechanical behavior of strain-hardening steel-fiber-reinforced cementitious composites. <i>Journal of Composite Materials</i> , 2015 , 49, 3621-3634	2.7	35
13	Comparative electromechanical damage-sensing behaviors of six strain-hardening steel fiber-reinforced cementitious composites under direct tension. <i>Composites Part B: Engineering</i> , 2015 , 69, 159-168	10	42
12	Intrinsic self-sensing concrete and structures: A review. <i>Measurement: Journal of the International Measurement Confederation</i> , 2015 , 59, 110-128	4.6	340
11	Evolutionary trace for early hydration of cement paste using electrical resistivity method. <i>Construction and Building Materials</i> , 2016 , 119, 16-20	6.7	43
10	Investigation on early hydration features of magnesium potassium phosphate cementitious material with the electrodeless resistivity method. <i>Cement and Concrete Composites</i> , 2018 , 90, 235-240	8.6	16
9	Enhanced Impact Properties of Concrete Modified with Nanofiller Inclusions. <i>Journal of Materials in Civil Engineering</i> , 2019 , 31, 04019030	3	10
8	Dynamic behaviour of adobe bricks in compression: The role of fibres and water content at various loading rates. <i>Construction and Building Materials</i> , 2020 , 230, 117038	6.7	28
7	Experimental Investigation of Stochastic Mechanical Behavior of Cement Emulsified Asphalt Mortar under Monotonic Compression. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 2860	2.6	4
6	Modeling of heterogeneous materials at high strain rates with machine learning algorithms trained by finite element simulations. <i>Journal of Micromechanics and Molecular Physics</i> , 2021 , 06, 2150001	1.4	4
5	Mesoscopic modelling of concrete material under static and dynamic loadings: A review. <i>Construction and Building Materials</i> , 2021 , 278, 122419	6.7	14
4	Assessing strain rate sensitivity of cement paste at the micro-scale through micro-cantilever testing. <i>Cement and Concrete Composites</i> , 2021 , 121, 104084	8.6	6

- 3 Self-Sensing Cementitious Composites: Review and Perspective. *Nanomaterials*, **2021**, 11, 5.4 6
- 2 A numerical study on the damage of projectile impact on concrete targets. *Computers and Concrete*, **2012**, 9, 21-33 13
- 1 Smart Cementitious Sensors with Nano-, Micro-, and Hybrid-Modified Reinforcement: Mechanical and Electrical Properties. **2023**, 23, 2405 0