

Piezoelectric cement-based materials with large coupling

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Pyroelectric behavior of cement-based materials. Cement and Concrete Research, 2003, 33, 1675-1679.	11.0	42
2	Piezoelectric effect of hardened cement paste. Cement and Concrete Composites, 2004, 26, 717-720.	10.7	50
3	Cement-based electronics. , 2004, 5272, 369.		1
4	Electrically conductive cement-based materials. Advances in Cement Research, 2004, 16, 167-176.	1.6	137
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6	Electrically induced temperature difference and deformation in hardened cement pastes. Cement and Concrete Research, 2006, 36, 2164-2168.	11.0	5
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18	Electromagnetic radiation detection in 0-3 cement-PZT composite under impact loading. Integrated Ferroelectrics, 2018, 192, 67-79.	0.7	8

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19	Dynamic response of a 2-2 multi-layered cement-based piezoelectric composite under arbitrary mechanical load. Journal of Intelligent Material Systems and Structures, 2019, 30, 3080-3099.	2.5	4
20	Electromagnetic radiation response from cement paste: a tool to monitor hydration and extent of deformation. Journal of Sustainable Cement-Based Materials, 2019, 8, 20-38.	3.1	5
21	Piezoelectric materials for sustainable building structures: Fundamentals and applications. Renewable and Sustainable Energy Reviews, 2019, 101, 14-25.	16.4	115
22	Effects of Water Content and Temperature on Bulk Resistivity of Hybrid Cement/Carbon Nanofiber Composites. Materials, 2020, 13, 2884.	2.9	5
23	A review on deformation-induced electromagnetic radiation detection: history and current status of the technique. Journal of Materials Science, 2021, 56, 4500-4551.	3.7	20
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29	Electrically conductive cement-based materials. Advances in Cement Research, 2004, 16, 167-176.	1.6	13
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32	Electrical resistance and capacitance responses of smart ultra-high performance concrete with compressive strain by DC and AC measurements. Construction and Building Materials, 2022, 327, 127007.	7.2	14
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37	EFFECT OF INTERFACIAL TRANSITION ZONE ON POWER GENERATION ASSOCIATED WITH LOADING OF CEMENTITIOUS MATERIALS. Cement Science and Concrete Technology, 2023, 76, 229-237.	0.1	0
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40	A Non-destructive Radar Device for Detecting Additive Materials in Concrete. Engineering, Technology & Applied Science Research, 2023, 13, 10969-10972.	1.9	0
41	New-generation pavement empowered by smart and multifunctional concretes: A review. Construction and Building Materials, 2023, 402, 132980.	7.2	3
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