

Irene Palomar

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

447
citations

858243

12
h-index

799663

21
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25
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25
docs citations

25
times ranked

478
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of the energy storage capacity of Phase Change Material cement-lime mortars by using heat flux meters and ultrasonic pulse transmission. <i>Journal of Energy Storage</i> , 2022, 50, 104674.	3.9	8
2	Synergies on rheology and structural build-up of fresh cement pastes with nanoclays, nanosilica and viscosity modifying admixtures. <i>Construction and Building Materials</i> , 2021, 308, 125097.	3.2	13
3	PCM Cement-Lime Mortars for Enhanced Energy Efficiency of Multilayered Building Enclosures under Different Climatic Conditions. <i>Materials</i> , 2020, 13, 4043.	1.3	7
4	Influence of nanoclays on flowability and rheology of SCC pastes. <i>Construction and Building Materials</i> , 2020, 243, 118285.	3.2	28
5	Effects of Nanoclays on SCC Paste Rheology. <i>RILEM Bookseries</i> , 2020, , 517-524.	0.2	0
6	Rheology Evaluation of Cement Paste with Nanoclays, Nanosilica and Polymeric Admixtures for Digital Fabrication. <i>RILEM Bookseries</i> , 2020, , 144-152.	0.2	2
7	Thermal enhanced cement-lime mortars with phase change materials (PCM), lightweight aggregate and cellulose fibers. <i>Construction and Building Materials</i> , 2019, 221, 586-594.	3.2	49
8	Laboratory characterization of brick walls rendered with a pervious lime-cement mortar. <i>Journal of Building Engineering</i> , 2019, 23, 241-249.	1.6	11
9	Thermal and hygric properties of biomaterials suitable for interior thermal insulation systems in historical and traditional buildings. <i>Building and Environment</i> , 2019, 154, 81-88.	3.0	54
10	A multiscale model for pervious lime-cement mortar with perlite and cellulose fibers. <i>Construction and Building Materials</i> , 2018, 160, 136-144.	3.2	18
11	Methodology for monitoring Cement Based Materials at Early Age combining NDT techniques. <i>Construction and Building Materials</i> , 2018, 193, 373-383.	3.2	8
12	Effect of full scale pumping at early age and on hardened microstructure and properties of SCC with fly ash in hot-dry curing conditions. <i>Construction and Building Materials</i> , 2018, 191, 1128-1138.	3.2	8
13	Assessment of lime-cement mortar microstructure and properties by P- and S- ultrasonic waves. <i>Construction and Building Materials</i> , 2017, 139, 334-341.	3.2	16
14	Influence of date palm fiber and shrinkage reducing admixture on self-compacting concrete performance at early age in hot-dry environment. <i>Construction and Building Materials</i> , 2017, 154, 721-733.	3.2	34
15	Early age monitoring of self-compacting concrete with mineral additions. <i>Construction and Building Materials</i> , 2015, 77, 66-73.	3.2	27
16	Effect of silica-based nano and micro additions on SCC at early age and on hardened porosity and permeability. <i>Construction and Building Materials</i> , 2015, 81, 154-161.	3.2	30
17	Lime-cement mortars for coating with improved thermal and acoustic performance. <i>Construction and Building Materials</i> , 2015, 75, 306-314.	3.2	60
18	Hardened properties and microstructure of SCC with mineral additions. <i>Construction and Building Materials</i> , 2015, 94, 728-736.	3.2	23

#	ARTICLE	IF	CITATIONS
19	Self-Compacting Concrete with Nanosilica and Carbon Nanofibers. , 2015, , 493-498.		0
20	Early Age Drying Shrinkage Evaluation of Self-Compacting Concretes and Pastes with Mineral Additions. , 2015, , .		1
21	Effects of nano-components on early age cracking of self-compacting concretes. Construction and Building Materials, 2014, 73, 89-96.	3.2	18
22	Early age and hardened performance of cement pastes combining mineral additions. Materials and Structures/Materiaux Et Constructions, 2013, 46, 921-941.	1.3	26