

Irene Palomar

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

447
citations

759233

12
h-index

713466

21
g-index

25
all docs

25
docs citations

25
times ranked

440
citing authors

#	ARTICLE	IF	CITATIONS
1	Lime-cement mortars for coating with improved thermal and acoustic performance. <i>Construction and Building Materials</i> , 2015, 75, 306-314.	7.2	60
2	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.	6.9	54
3	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.	7.2	49
4	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.	7.2	34
5	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.	7.2	30
6	Influence of nanoclays on flowability and rheology of SCC pastes. <i>Construction and Building Materials</i> , 2020, 243, 118285.	7.2	28
7	Early age monitoring of self-compacting concrete with mineral additions. <i>Construction and Building Materials</i> , 2015, 77, 66-73.	7.2	27
8	Early age and hardened performance of cement pastes combining mineral additions. <i>Materials and Structures/Materiaux Et Constructions</i> , 2013, 46, 921-941.	3.1	26
9	Hardened properties and microstructure of SCC with mineral additions. <i>Construction and Building Materials</i> , 2015, 94, 728-736.	7.2	23
10	Effects of nano-components on early age cracking of self-compacting concretes. <i>Construction and Building Materials</i> , 2014, 73, 89-96.	7.2	18
11	A multiscale model for pervious lime-cement mortar with perlite and cellulose fibers. <i>Construction and Building Materials</i> , 2018, 160, 136-144.	7.2	18
12	Assessment of lime-cement mortar microstructure and properties by P- and S- ultrasonic waves. <i>Construction and Building Materials</i> , 2017, 139, 334-341.	7.2	16
13	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.	7.2	13
14	Laboratory characterization of brick walls rendered with a pervious lime-cement mortar. <i>Journal of Building Engineering</i> , 2019, 23, 241-249.	3.4	11
15	Methodology for monitoring Cement Based Materials at Early Age combining NDT techniques. <i>Construction and Building Materials</i> , 2018, 193, 373-383.	7.2	8
16	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.	7.2	8
17	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.	8.1	8
18	PCM Cement-Lime Mortars for Enhanced Energy Efficiency of Multilayered Building Enclosures under Different Climatic Conditions. <i>Materials</i> , 2020, 13, 4043.	2.9	7

#	ARTICLE	IF	CITATIONS
19	Rheology Evaluation of Cement Paste with Nanoclays, Nanosilica and Polymeric Admixtures for Digital Fabrication. RILEM Bookseries, 2020, , 144-152.	0.4	2
20	Early Age Drying Shrinkage Evaluation of Self-Compacting Concretes and Pastes with Mineral Additions. , 2015, , .		1
21	Self-Compacting Concrete with Nanosilica and Carbon Nanofibers. , 2015, , 493-498.		0
22	Effects of Nanoclays on SCC Paste Rheology. RILEM Bookseries, 2020, , 517-524.	0.4	0