

Mohammad Kheradmand

List of Publications by Year in descending order

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19
papers

508
citations

1170033

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1051228

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all docs

20
docs citations

20
times ranked

706
citing authors

#	ARTICLE	IF	CITATIONS
1	Early Age Temperature Control in Mass Concrete Through Incorporation of Dispersed Phase Change Materials (PCMs). RILEM Bookseries, 2021, , 13-24.	0.2	0
2	Alkali-activated cement-based binder mortars containing phase change materials (PCMs): mechanical properties and cost analysis. European Journal of Environmental and Civil Engineering, 2020, 24, 1068-1090.	1.0	10
3	Boosting Smart Building Energy Saving Capacity using Phase Change Materials. , 2020, , .		0
4	An innovative approach for temperature control of massive concrete structures at early ages based on post-cooling: Proof of concept. Journal of Building Engineering, 2020, 32, 101832.	1.6	5
5	Influence of the incorporation of phase change materials on temperature development in mortar at early ages: Experiments and numerical simulation. Construction and Building Materials, 2019, 225, 1036-1051.	3.2	16
6	Energy benefits of cement-based plaster containing hybrid phase-change material. Proceedings of Institution of Civil Engineers: Construction Materials, 2018, 171, 117-125.	0.7	3
7	Shrinkage Performance of Fly Ash Alkali-activated Cement Based Binder Mortars. KSCE Journal of Civil Engineering, 2018, 22, 1854-1864.	0.9	24
8	Performance of a Fly Ash Geopolymeric Based Binder with Calcium Hydroxide, Portland Cement and Metakaolin as Additives. Open Civil Engineering Journal, 2018, 12, 167-186.	0.4	3
9	Thermal Performance of Resource-Efficient Geopolymeric Mortars Containing Phase Change Materials. Open Construction and Building Technology Journal, 2018, 12, 217-233.	0.3	2
10	Experimental and numerical investigations on the flexural performance of geopolymers reinforced with short hybrid polymeric fibres. Composites Part B: Engineering, 2017, 126, 108-118.	5.9	34
11	Short-Term Compressive Strength of Fly Ash and Waste Glass Alkali-Activated Cement-Based Binder Mortars with Two Biopolymers. Journal of Materials in Civil Engineering, 2017, 29, .	1.3	26
12	Drying shrinkage of fly ash geopolymeric mortars reinforced with polymer hybrid fibres. Proceedings of Institution of Civil Engineers: Construction Materials, 2017, , 1-13.	0.7	3
13	Alkali-Activated Cement-Based Binders (AACBs) as Durable and Cost-Competitive Low-CO2 Binder Materials. , 2017, , 195-216.		20
14	Optimal behavior of responsive residential demand considering hybrid phase change materials. Applied Energy, 2016, 163, 81-92.	5.1	52
15	Experimental and numerical studies of hybrid PCM embedded in plastering mortar for enhanced thermal behaviour of buildings. Energy, 2016, 94, 250-261.	4.5	121
16	Assessing the feasibility of impregnating phase change materials in lightweight aggregate for development of thermal energy storage systems. Construction and Building Materials, 2015, 89, 48-59.	3.2	92
17	Mortars with Phase Change Materials: Contribute to Sustainable Construction. Key Engineering Materials, 2014, 634, 3-13.	0.4	6
18	Thermal behavior of cement based plastering mortar containing hybrid microencapsulated phase change materials. Energy and Buildings, 2014, 84, 526-536.	3.1	80

#	ARTICLE	IF	CITATIONS
19	Estimation of the specific enthalpyâ€“temperature functions for plastering mortars containing hybrid mixes of phase change materials. International Journal of Energy and Environmental Engineering, 2014, 5, 1.	1.3	9