

Damien Rangeard

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

884
citations

1163117

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1281871

11
g-index

19
all docs

19
docs citations

19
times ranked

662
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural built-up of cement-based materials used for 3D-printing extrusion techniques. <i>Materials and Structures/Materiaux Et Constructions</i> , 2016, 49, 1213-1220.	3.1	569
2	Extrusion of cement-based materials - an overview. <i>RILEM Technical Letters</i> , 0, 3, 91-97.	0.0	68
3	Underwater 3D printing of cement-based mortar. <i>Construction and Building Materials</i> , 2019, 214, 458-467.	7.2	64
4	Permeability measurement of fresh cement paste. <i>Cement and Concrete Research</i> , 2011, 41, 330-338.	11.0	55
5	Linking rheological and geotechnical properties of kaolinite materials for earthen construction. <i>Materials and Structures/Materiaux Et Constructions</i> , 2016, 49, 4647-4655.	3.1	31
6	Hydro-mechanical properties of fresh cement pastes containing polycarboxylate superplasticizer. <i>Cement and Concrete Research</i> , 2013, 53, 221-228.	11.0	29
7	Effect of coarse particle volume fraction on the hydraulic conductivity of fresh cement based material. <i>Materials and Structures/Materiaux Et Constructions</i> , 2015, 48, 2291-2297.	3.1	17
8	Effects of mix design parameters on consolidation behaviour of fresh cement-based materials. <i>Materials and Structures/Materiaux Et Constructions</i> , 2017, 50, 1.	3.1	12
9	Determination of the consolidation coefficient of low compressibility materials: application to fresh cement-based materials. <i>Materials and Structures/Materiaux Et Constructions</i> , 2015, 48, 1475-1483.	3.1	11
10	Effect of bio-stabilizers on capillary absorption and water vapour transfer into raw earth. <i>Materials and Structures/Materiaux Et Constructions</i> , 2020, 53, 1.	3.1	11
11	Processing methods for optimising the mechanical strength of raw earth-based materials. <i>Proceedings of Institution of Civil Engineers: Construction Materials</i> , 2021, 174, 150-160.	1.1	7
12	Gravity Driven Tests to Assess Mechanical Properties of Printable Cement-Based Materials at Fresh State. <i>RILEM Bookseries</i> , 2020, , 280-289.	0.4	5
13	Erosion Behaviour of Bio-Stabilised Earthen Materials. , 0, , .		2
14	Linseed Oil and Xanthan Gum: Promising Stabilisers for Earthen Building Materials. , 0, , .		0
15	Bio-Stabilised Earthen Blocks: A Critical Study on Compression Tests of Immersed Samples. , 0, , .		0
16	Propriétés des terrains briovériens du bassin rennais. <i>Revue Française De Géotechnique</i> , 2022, , 1.	0.1	0