Eric Garcia-Diaz

List of Publications by Year
in descending order

11 papers	396 citations	1163117 8 h-index	1474206 9 g-index
11 all docs	11 docs citations	11 times ranked	443 citing authors

#	Article	IF	Citations
1	Two Typical Plant Aggregates for Bio-Based Concretes. Springer Briefs in Molecular Science, 2018, , 5-21.	0.1	0
2	Lime-Based Binders. Springer Briefs in Molecular Science, 2018, , 23-43.	0.1	0
3	Hardened behavior of mortar based on recycled aggregate: Influence of saturation state at macro- and microscopic scales. Construction and Building Materials, 2017, 141, 479-490.	7.2	43
4	Experimental investigation of the shear behaviour of hemp and rice husk-based concretes using triaxial compression. Construction and Building Materials, 2017, 143, 621-632.	7.2	18
5	Effect of curing conditions and Ca(OH)2-treated aggregates on mechanical properties of rice husk and hemp concretes using a lime-based binder. Construction and Building Materials, 2016, 102, 821-833.	7.2	22
6	Fresh behavior of mortar based on recycled sand â€“ Influence of moisture condition. Construction and Building Materials, 2016, 106, 35-42.	7.2	39
7	Studying the hardening and mechanical performances of rice husk and hemp-based building materials cured under natural and accelerated carbonation. Construction and Building Materials, 2015, 94, 105-115.	7.2	56
8	Numerical model for mechanical behavior of lightweight concrete and for the prediction of local stress concentration. Construction and Building Materials, 2014, 59, 180-187.	7.2	6
9	Use of raw rice husk as natural aggregate in a lightweight insulating concrete: An innovative application. Construction and Building Materials, 2014, 70, 428-438.	7.2	116
10	Development and validation of a 3D computational tool to describe concrete behaviour at mesoscale. Application to the alkali-silica reaction. Computational Materials Science, 2009, 46, 1163-1177.	3.0	86
11	Numerical aspects of a problem with damage to simulate mechanical behavior of a quasi-brittle material. Computational Materials Science, 2007, 40, 327-340.	3.0	10