

Eric Garcia-Diaz

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

396
citations

1163117

8
h-index

1474206

9
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11
all docs

11
docs citations

11
times ranked

443
citing authors

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