

Oualid Limam

List of Publications by Year in descending order

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25
papers

452
citations

759190

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713444

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26
all docs

26
docs citations

26
times ranked

379
citing authors

#	ARTICLE	IF	CITATIONS
1	RC two-way slabs strengthened with CFRP strips: experimental study and a limit analysis approach. <i>Composite Structures</i> , 2003, 60, 467-471.	5.8	58
2	Experimental and numerical analysis of RC two-way slabs strengthened with NSM CFRP rods. <i>Construction and Building Materials</i> , 2008, 22, 2025-2030.	7.2	58
3	Extraction process optimization of Juncus plant fibers for its use in a green composite. <i>Industrial Crops and Products</i> , 2017, 107, 172-183.	5.2	44
4	Numerical and experimental analysis of two-way slabs strengthened with CFRP strips. <i>Engineering Structures</i> , 2005, 27, 841-845.	5.3	32
5	Effective thermal conductivity of foam concretes: Homogenization schemes vs experimental data and FEM simulations. <i>Mechanics Research Communications</i> , 2016, 76, 96-100.	1.8	32
6	Experimental and numerical study of Interlocking Stabilized Earth Blocks mechanical behavior. <i>Journal of Building Engineering</i> , 2016, 7, 207-216.	3.4	26
7	A probabilistic mechanical model for prediction of aggregates size distribution effect on concrete compressive strength. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2012, 391, 3366-3378.	2.6	24
8	Thermophysical characterization of Posidonia Oceanica marine fibers intended to be used as an insulation material in Mediterranean buildings. <i>Construction and Building Materials</i> , 2018, 180, 68-76.	7.2	24
9	Thermal and mechanical properties of hardened cement paste reinforced with Posidonia-Oceanica natural fibers. <i>Construction and Building Materials</i> , 2021, 269, 121339.	7.2	22
10	Thermo-mechanical behavior of unfired bricks and fired bricks made from a mixture of clay soil and laterite. <i>Journal of Building Engineering</i> , 2018, 18, 172-179.	3.4	20
11	RC beams strengthened with composite material: a limit analysis approach and experimental study. <i>Composite Structures</i> , 2003, 59, 467-472.	5.8	18
12	Experimental and numerical analysis of reinforced stone block masonry beams using GFRP reinforcement. <i>Composite Structures</i> , 2016, 152, 994-1006.	5.8	16
13	Effect of carbonated aggregates on the mechanical properties and thermal conductivity of eco-concrete. <i>Construction and Building Materials</i> , 2019, 197, 241-250.	7.2	12
14	Ultimate strength of pin-loaded composite laminates: A limit analysis approach. <i>Composite Structures</i> , 2011, 93, 1217-1224.	5.8	11
15	Comparative experimental study of concrete repairation with carbon epoxy & bio-resourced composites. <i>Construction and Building Materials</i> , 2019, 210, 312-323.	7.2	10
16	Ultimate strength of free-edge composite laminates under tensile loading: A limit analysis approach. <i>Composites Part B: Engineering</i> , 2006, 37, 286-291.	12.0	7
17	Collapse load of composite laminates: Lower bound evaluation by stress field analytical approximation. <i>Composites Part B: Engineering</i> , 2015, 75, 345-354.	12.0	7
18	A discrete micromechanical model for predicting HSC compressive strength based on a yield design approach. <i>Construction and Building Materials</i> , 2018, 175, 714-725.	7.2	7

#	ARTICLE	IF	CITATIONS
19	Experimental determination of GFRC tensile parameters from three-point bending tests using an analytical damage model. <i>Construction and Building Materials</i> , 2019, 223, 477-490.	7.2	7
20	Experimental and theoretical study of a foldable composite beam. <i>Engineering Structures</i> , 2012, 44, 312-321.	5.3	6
21	The experimental and the theoretical analysis of the serviceability behavior of a deployable footbridge. <i>Archives of Civil and Mechanical Engineering</i> , 2017, 17, 293-306.	3.8	5
22	Structural nominal concrete strength derived by statistical mechanics. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2014, 395, 48-57.	2.6	3
23	Numerical study of the biaxial compressive strength of high strength concrete based on a yield design micromechanical approach. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2020, 44, 772-781.	3.3	2
24	Contribution to COVID-19 spread modelling: a physical phenomenological dissipative formalism. <i>Biomechanics and Modeling in Mechanobiology</i> , 2021, 20, 379-387.	2.8	1
25	Prediction of the Basic Creep of Normal and High-strength Concretes based on an Analytical Micromechanical Model. <i>Journal of Advanced Concrete Technology</i> , 2021, 19, 913-923.	1.8	0