

Chafika Djelal

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

271
citations

933447

10
h-index

940533

16
g-index

21
all docs

21
docs citations

21
times ranked

148
citing authors

#	ARTICLE	IF	CITATIONS
1	Finite element modeling of creep behavior of FRP-externally strengthened reinforced concrete beams. <i>Engineering Structures</i> , 2020, 204, 109908.	5.3	37
2	Numerical analysis of shrinkage of steel fiber reinforced high-strength concrete subjected to thermal loading. <i>Construction and Building Materials</i> , 2018, 181, 381-393.	7.2	31
3	Effect of a superplasticizer on the properties of the concrete/oil/formwork interface. <i>Construction and Building Materials</i> , 2013, 47, 1137-1144.	7.2	18
4	Correlation between adhesion energy of release agents on the formwork and demoulding performances. <i>Construction and Building Materials</i> , 2015, 76, 130-139.	7.2	18
5	Experimental and finite element analysis of shrinkage of concrete made with recycled coarse aggregates subjected to thermal loading. <i>Construction and Building Materials</i> , 2020, 247, 118564.	7.2	18
6	Influence of the type of release oil on steel formwork corrosion and facing aesthetics. <i>Construction and Building Materials</i> , 2014, 68, 391-401.	7.2	17
7	Experimental and finite element analysis of creep behaviour of steel fibre reinforced high strength concrete beams. <i>Construction and Building Materials</i> , 2018, 173, 101-110.	7.2	16
8	Feasibility study of using poplar wastes as sand in cement mortars. <i>Journal of Material Cycles and Waste Management</i> , 2020, 22, 488-500.	3.0	15
9	Impact of Alfa fibers morphology on hydration kinetics and mechanical properties of cement mortars. <i>Construction and Building Materials</i> , 2021, 293, 123514.	7.2	15
10	Using linseed oil as flax fibre coating for fibre-reinforced cementitious composite. <i>Industrial Crops and Products</i> , 2021, 161, 113168.	5.2	14
11	Comparative study of the tribological behaviour of emulsions and demoulding oils at the concrete/formwork interface. <i>Construction and Building Materials</i> , 2020, 239, 117826.	7.2	12
12	Wood Waste in Concrete Blocks Made by Vibrocompression. <i>Environmental Processes</i> , 2015, 2, 223-232.	3.5	11
13	Electro-Osmosis Applied for Formwork Removal of Concrete. <i>Journal of Advanced Concrete Technology</i> , 2012, 10, 301-312.	1.8	10
14	Discrete Element study of granular material "Bumpy wall interface behavior. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2016, 457, 526-539.	2.6	10
15	Quantification of shear strength in reinforced concrete beams using digital image correlation: Experimental and analytical study. <i>Advances in Structural Engineering</i> , 2021, 24, 147-164.	2.4	6
16	Investigation on the use of ground alfa fibres as reinforcement of cement mortars. <i>Proceedings of Institution of Civil Engineers: Construction Materials</i> , 2021, 174, 161-171.	1.1	6
17	Optimisation of vibrocompaction process for wood-based concrete blocks. <i>International Journal of Advanced Manufacturing Technology</i> , 2020, 109, 1189-1204.	3.0	5
18	Influence of the formwork removal by polarization on the facing aesthetics in reinforced concrete. <i>Construction and Building Materials</i> , 2021, 284, 122841.	7.2	5

#	ARTICLE	IF	CITATIONS
19	Experimental and numerical study of granular medium-rough wall interface friction. <i>Advanced Powder Technology</i> , 2018, 29, 130-141.	4.1	3
20	Performance of Alfa Fibres in Cementitious Materials Exposed to Diverse Surface Treatments. , 0, , .		2
21	Evaluation of Effective Elastic Properties for Woodâ€Cement Composites: Experimental and Computational Investigations. <i>Sustainability</i> , 2022, 14, 8638.	3.2	2