

Chafika Djelal

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11528871/publications.pdf>

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	Evaluation of Effective Elastic Properties for Woodâ€‘Cement Composites: Experimental and Computational Investigations. Sustainability, 2022, 14, 8638.	3.2	2
2	Quantification of shear strength in reinforced concrete beams using digital image correlation: Experimental and analytical study. Advances in Structural Engineering, 2021, 24, 147-164.	2.4	6
3	Investigation on the use of ground alfa fibres as reinforcement of cement mortars. Proceedings of Institution of Civil Engineers: Construction Materials, 2021, 174, 161-171.	1.1	6
4	Using linseed oil as flax fibre coating for fibre-reinforced cementitious composite. Industrial Crops and Products, 2021, 161, 113168.	5.2	14
5	Influence of the formwork removal by polarization on the facing aesthetics in reinforced concrete. Construction and Building Materials, 2021, 284, 122841.	7.2	5
6	Impact of Alfa fibers morphology on hydration kinetics and mechanical properties of cement mortars. Construction and Building Materials, 2021, 293, 123514.	7.2	15
7	Comparative study of the tribological behaviour of emulsions and demoulding oils at the concrete/formwork interface. Construction and Building Materials, 2020, 239, 117826.	7.2	12
8	Feasibility study of using poplar wastes as sand in cement mortars. Journal of Material Cycles and Waste Management, 2020, 22, 488-500.	3.0	15
9	Finite element modeling of creep behavior of FRP-externally strengthened reinforced concrete beams. Engineering Structures, 2020, 204, 109908.	5.3	37
10	Optimisation of vibrocompaction process for wood-based concrete blocks. International Journal of Advanced Manufacturing Technology, 2020, 109, 1189-1204.	3.0	5
11	Experimental and finite element analysis of shrinkage of concrete made with recycled coarse aggregates subjected to thermal loading. Construction and Building Materials, 2020, 247, 118564.	7.2	18
12	Experimental and finite element analysis of creep behaviour of steel fibre reinforced high strength concrete beams. Construction and Building Materials, 2018, 173, 101-110.	7.2	16
13	Experimental and numerical study of granular medium-rough wall interface friction. Advanced Powder Technology, 2018, 29, 130-141.	4.1	3
14	Numerical analysis of shrinkage of steel fiber reinforced high-strength concrete subjected to thermal loading. Construction and Building Materials, 2018, 181, 381-393.	7.2	31
15	Discrete Element study of granular material â€‘ Bumpy wall interface behavior. Physica A: Statistical Mechanics and Its Applications, 2016, 457, 526-539.	2.6	10
16	Wood Waste in Concrete Blocks Made by Vibrocompression. Environmental Processes, 2015, 2, 223-232.	3.5	11
17	Correlation between adhesion energy of release agents on the formwork and demoulding performances. Construction and Building Materials, 2015, 76, 130-139.	7.2	18
18	Influence of the type of release oil on steel formwork corrosion and facing aesthetics. Construction and Building Materials, 2014, 68, 391-401.	7.2	17

#	ARTICLE	IF	CITATIONS
19	Effect of a superplasticizer on the properties of the concrete/oil/formwork interface. Construction and Building Materials, 2013, 47, 1137-1144.	7.2	18
20	Electro-Osmosis Applied for Formwork Removal of Concrete. Journal of Advanced Concrete Technology, 2012, 10, 301-312.	1.8	10
21	Performance of Alfa Fibres in Cementitious Materials Exposed to Diverse Surface Treatments. , 0, , .		2