

Fb B Varona

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

341
citations

933447

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24
all docs

24
docs citations

24
times ranked

291
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of high temperature on the mechanical properties of hybrid fibre reinforced normal and high strength concrete. <i>Construction and Building Materials</i> , 2018, 159, 73-82.	7.2	99
2	Evolution of the bond strength between reinforcing steel and fibre reinforced concrete after high temperature exposure. <i>Construction and Building Materials</i> , 2018, 176, 359-370.	7.2	54
3	Textile reinforced mortars (TRM) for repairing and retrofitting masonry walls subjected to in-plane cyclic loads. An experimental approach. <i>Engineering Structures</i> , 2021, 231, 111742.	5.3	25
4	Parametric computational analysis for punching shear in RC slabs. <i>Engineering Structures</i> , 2018, 165, 254-263.	5.3	22
5	Study on Retrofitted Masonry Elements under Shear Using Digital Image Correlation. <i>Sensors</i> , 2020, 20, 2122.	3.8	21
6	Residual Compressive Strength of Recycled Aggregate Concretes after High Temperature Exposure. <i>Materials</i> , 2020, 13, 1981.	2.9	20
7	Non-linear multivariable model for predicting the steel to concrete bond after high temperature exposure. <i>Construction and Building Materials</i> , 2020, 249, 118713.	7.2	17
8	Parametric finite element analysis of punching shear behaviour of RC slabs reinforced with bolts. <i>Computers and Structures</i> , 2020, 228, 106147.	4.4	14
9	Flexural and Shear Design of FRP Plated RC Structures Using a Genetic Algorithm. <i>Journal of Structural Engineering</i> , 2009, 135, 1418-1429.	3.4	12
10	Textile Reinforced Mortars (TRM) tensile behavior after high temperature exposure. <i>Construction and Building Materials</i> , 2022, 328, 127116.	7.2	12
11	Static and dynamic properties of retrofitted timber beams using glass fiber reinforced polymers. <i>Materials and Structures/Materiaux Et Constructions</i> , 2016, 49, 181-191.	3.1	10
12	ANÁLISIS EXPERIMENTAL DE LA PÉRDIDA DE ADHERENCIA HORMIGÓN-ACERO EN HORMIGONES SOMETIDOS A ALTAS TEMPERATURAS. <i>Dyna (Spain)</i> , 2015, 90, 78-86.	0.2	10
13	Dynamic evaluation of a historic fountain under blast loading. <i>Procedia Engineering</i> , 2017, 199, 3308-3313.	1.2	5
14	FRP Confinement of Stone Samples after Real Fire Exposure. <i>Polymers</i> , 2020, 12, 2367.	4.5	5
15	Seismic Behavior of a Masonry Chimney with Severe Cracking Condition: Preliminary Study. <i>Key Engineering Materials</i> , 0, 628, 117-122.	0.4	4
16	BIM IMPLEMENTATION FOR STRUCTURAL DESIGN COURSES IN CIVIL ENGINEERING. , 2017, , .		2
17	The Performance of Empirical Laws for Rebound Hammer Tests on Concrete Structures. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 5631.	2.5	2
18	Evaluation of the mechanical response of calcarenite specimens confined with fiber reinforced polymers after high temperature exposure. <i>Journal of Building Engineering</i> , 2021, 42, 102504.	3.4	1

#	ARTICLE	IF	CITATIONS
19	Structural optimization of timber beams with composite materials. WIT Transactions on the Built Environment, 2015, , 595-606.	0.0	1
20	NON-LINEAR NUMERICAL MODELS FOR PREDICTING THE BOND STRENGTH OF FIBRE-REINFORCED CONCRETE AT HIGH TEMPERATURES. WIT Transactions on Engineering Sciences, 2019, , .	0.0	1
21	A Parametric Study to Assess Lightweight Aggregate Concrete for Future Sustainable Construction of Reinforced Concrete Beams. Sustainability, 2021, 13, 13893.	3.2	1
22	Application of an evolutionary algorithm to reduce the cost of strengthening of timber beams. International Journal of Computational Methods and Experimental Measurements, 2017, 6, 667-678.	0.2	0
23	AUTOMATED PARAMETRIC ANALYSIS OF PUNCHING SHEAR IN REINFORCED CONCRETE SLABS. Dyna (Spain), 2019, 94, 106-111.	0.2	0