Fb B Varona

List of Publications by Year
in descending order

23	341	933447 10	839539 18
papers	citations	h-index	g-index

24	24	24	291
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Textile Reinforced Mortars (TRM) tensile behavior after high temperature exposure. Construction and Building Materials, 2022, 328, 127116.	7.2	12
2	The Performance of Empirical Laws for Rebound Hammer Tests on Concrete Structures. Applied Sciences (Switzerland), 2022, 12, 5631.	2.5	2
3	Textile reinforced mortars (TRM) for repairing and retrofitting masonry walls subjected to in-plane cyclic loads. An experimental approach. Engineering Structures, 2021, 231, 111742.	5.3	25
4	Evaluation of the mechanical response of calcarenite specimens confined with fiber reinforced polymers after high temperature exposure. Journal of Building Engineering, 2021, 42, 102504.	3.4	1
5	A Parametric Study to Assess Lightweight Aggregate Concrete for Future Sustainable Construction of Reinforced Concrete Beams. Sustainability, 2021, 13, 13893.	3.2	1
6	Parametric finite element analysis of punching shear behaviour of RC slabs reinforced with bolts. Computers and Structures, 2020, 228, 106147.	4.4	14
7	FRP Confinement of Stone Samples after Real Fire Exposure. Polymers, 2020, 12, 2367.	4.5	5
8	Residual Compressive Strength of Recycled Aggregate Concretes after High Temperature Exposure. Materials, 2020, 13, 1981.	2.9	20
9	Study on Retrofitted Masonry Elements under Shear Using Digital Image Correlation. Sensors, 2020, 20, 2122.	3.8	21
10	Non-linear multivariable model for predicting the steel to concrete bond after high temperature exposure. Construction and Building Materials, 2020, 249, 118713.	7.2	17
11	AUTOMATED PARAMETRIC ANALYSIS OF PUNCHING SHEAR IN REINFORCED CONCRETE SLABS. Dyna (Spain), 2019, 94, 106-111.	0.2	0
12	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
13	Parametric computational analysis for punching shear in RC slabs. Engineering Structures, 2018, 165, 254-263.	5.3	22
14	Influence of high temperature on the mechanical properties of hybrid fibre reinforced normal and high strength concrete. Construction and Building Materials, 2018, 159, 73-82.	7.2	99
15	Evolution of the bond strength between reinforcing steel and fibre reinforced concrete after high temperature exposure. Construction and Building Materials, 2018, 176, 359-370.	7.2	54
16	Dynamic evaluation of a historic fountain under blast loading. Procedia Engineering, 2017, 199, 3308-3313.	1.2	5
17	BIM IMPLEMENTATION FOR STRUCTURAL DESIGN COURSES IN CIVIL ENGINEERING. , 2017, , .		2
18	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

#	Article	IF	Citations
19	Static and dynamic properties of retrofitted timber beams using glass fiber reinforced polymers. Materials and Structures/Materiaux Et Constructions, 2016, 49, 181-191.	3.1	10
20	ANÃŁISIS EXPERIMENTAL DE LA PÃ‰RDIDA DE ADHERENCIA HORMIGÃ“N-ACERO EN HORMIGONES SOMETIDOS A ALTAS TEMPERATURAS. Dyna (Spain), 2015, 90, 78-86.	0.2	10
21	Structural optimization of timber beams with composite materials. WIT Transactions on the Built Environment, 2015, , 595-606.	0.0	1
22	Flexural and Shear Design of FRP Plated RC Structures Using a Genetic Algorithm. Journal of Structural Engineering, 2009, 135, 1418-1429.	3.4	12
23	Seismic Behavior of a Masonry Chimney with Severe Cracking Condition: Preliminary Study. Key Engineering Materials, 0, 628, 117-122.	0.4	4