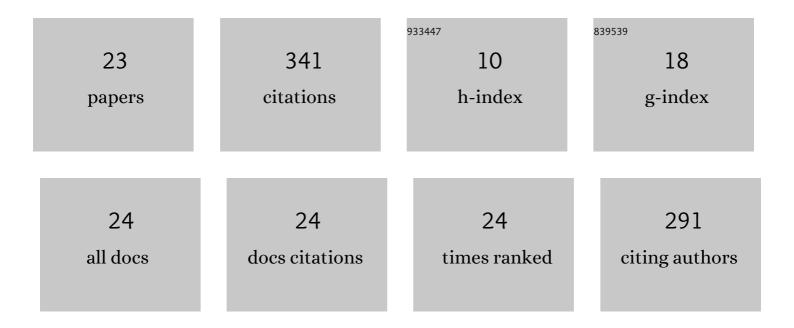
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List of Publications by Year in descending order

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FR R VADONA

#	Article	IF	CITATIONS
1	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
2	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
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	Parametric computational analysis for punching shear in RC slabs. Engineering Structures, 2018, 165, 254-263.	5.3	22
5	Study on Retrofitted Masonry Elements under Shear Using Digital Image Correlation. Sensors, 2020, 20, 2122.	3.8	21
6	Residual Compressive Strength of Recycled Aggregate Concretes after High Temperature Exposure. Materials, 2020, 13, 1981.	2.9	20
7	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
8	Parametric finite element analysis of punching shear behaviour of RC slabs reinforced with bolts. Computers and Structures, 2020, 228, 106147.	4.4	14
9	Flexural and Shear Design of FRP Plated RC Structures Using a Genetic Algorithm. Journal of Structural Engineering, 2009, 135, 1418-1429.	3.4	12
10	Textile Reinforced Mortars (TRM) tensile behavior after high temperature exposure. Construction and Building Materials, 2022, 328, 127116.	7.2	12
11	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
12	ANÃLISIS EXPERIMENTAL DE LA PÉRDIDA DE ADHERENCIA HORMIGÓN-ACERO EN HORMIGONES SOMETIDO ALTAS TEMPERATURAS. Dyna (Spain), 2015, 90, 78-86.	S A 0.2	10
13	Dynamic evaluation of a historic fountain under blast loading. Procedia Engineering, 2017, 199, 3308-3313.	1.2	5
14	FRP Confinement of Stone Samples after Real Fire Exposure. Polymers, 2020, 12, 2367.	4.5	5
15	Seismic Behavior of a Masonry Chimney with Severe Cracking Condition: Preliminary Study. Key Engineering Materials, 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. Applied Sciences (Switzerland), 2022, 12, 5631.	2.5	2
18	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

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#	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