

Nicola Nistico'

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

583
citations

687363

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h-index

888059

17
g-index

19
all docs

19
docs citations

19
times ranked

478
citing authors

#	ARTICLE	IF	CITATIONS
1	Peak strength and ultimate strain prediction for FRP confined square and circular concrete sections. Composites Part B: Engineering, 2014, 67, 543-554.	12.0	77
2	Robustness evaluation of RC frame buildings to progressive collapse. Engineering Structures, 2015, 86, 242-249.	5.3	77
3	Web-flange behavior of pultruded GFRP I-beams: A lattice model for the interpretation of experimental results. Composites Part B: Engineering, 2016, 100, 257-269.	12.0	62
4	RC square sections confined by FRP: Analytical prediction of peak strength. Composites Part B: Engineering, 2013, 45, 127-137.	12.0	58
5	R.C. square sections confined by FRP: A numerical procedure for predicting stress-strain relationships. Composites Part B: Engineering, 2014, 59, 238-247.	12.0	46
6	Design of FRP Jackets for Upgrade of Circular Bridge Piers. Journal of Composites for Construction, 2001, 5, 94-101.	3.2	45
7	Numerical analysis of compressed concrete columns confined with CFRP: Microplane-based approach. Composites Part B: Engineering, 2014, 67, 303-312.	12.0	45
8	Local and global prediction on stress-strain behavior of FRP-confined square concrete sections. Composite Structures, 2019, 226, 111205.	5.8	38
9	Mechanical characterization of pultruded elements: Fiber orientation influence vs web-flange junction local problem. Experimental and numerical tests. Composites Part B: Engineering, 2018, 142, 68-84.	12.0	32
10	Modeling of reinforced concrete beams strengthened in shear with CFRP: Microplane-based approach. Composites Part B: Engineering, 2016, 90, 351-364.	12.0	23
11	Simple Probability-Based Assessment of Bridges under Scenario Earthquakes. Journal of Bridge Engineering, 2002, 7, 104-114.	2.9	20
12	Failure of RC beams strengthened in bending with unconventionally arranged CFRP laminates. Composites Part B: Engineering, 2013, 54, 246-254.	12.0	17
13	Shear failure of RC elements strengthened with steel profiles and CFRP wraps. Composites Part B: Engineering, 2014, 67, 9-21.	12.0	16
14	FRP Cables to Prestress RC Beams: State of the Art vs. a Split Wedge Anchorage System. Buildings, 2021, 11, 209.	3.1	10
15	Parametric investigation on the tensile response of GFRP elements through a discrete lattice modeling approach. Composites Part B: Engineering, 2019, 176, 107254.	12.0	8
16	Roof Isolation with Tuned Mass-based Systems and Application to a Prefabricated Building. Arabian Journal for Science and Engineering, 2015, 40, 431-442.	1.1	4
17	Circular RC Sections Confined with FRP: Modeling and Design. , 2001, , 1.		2
18	A Split-Wedge Anchorage for CFRP Cables: Numerical Model vs. Experimental Results. Polymers, 2022, 14, 2675.	4.5	2

#	ARTICLE	IF	CITATIONS
19	Design of an FRP Cable-Stayed Pedestrian Bridge. Morphology, Technology and Required Performances. Lecture Notes in Civil Engineering, 2022, , 46-62.	0.4	1