

Annalisa Napoli

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/994106/publications.pdf>

Version: 2024-02-01

37
papers

907
citations

471509

17
h-index

454955

30
g-index

39
all docs

39
docs citations

39
times ranked

588
citing authors

#	ARTICLE	IF	CITATIONS
1	Concrete confined by FRP systems: Confinement efficiency and design strength models. Composites Part B: Engineering, 2011, 42, 736-755.	12.0	119
2	Cyclic behavior of RC beam-column joints strengthened with FRP systems. Construction and Building Materials, 2014, 54, 282-297.	7.2	92
3	Flexural behaviour of RC members strengthened with FRCM: State-of-the-art and predictive formulas. Composites Part B: Engineering, 2018, 148, 132-148.	12.0	74
4	Reinforced concrete beams strengthened with SRP/SRG systems: Experimental investigation. Construction and Building Materials, 2015, 93, 654-677.	7.2	71
5	Cyclic Behavior of RC Columns Strengthened by FRP and Steel Devices. Journal of Structural Engineering, 2009, 135, 1164-1176.	3.4	44
6	Strengthening of structures with Steel Reinforced Polymers: A state-of-the-art review. Composites Part B: Engineering, 2016, 104, 87-110.	12.0	44
7	Bond behaviour of Steel Reinforced Polymer strengthening systems. Composite Structures, 2016, 152, 499-515.	5.8	39
8	Experimental investigation of the mechanical connection between FRP laminates and concrete. Composites Part B: Engineering, 2013, 45, 341-355.	12.0	35
9	Confining concrete members with FRP systems: Predictive vs design strain models. Composite Structures, 2013, 104, 304-319.	5.8	34
10	Analysis and design of RC structures strengthened with mechanically fastened FRP laminates: A review. Composites Part B: Engineering, 2013, 55, 386-399.	12.0	34
11	Experimental bond behavior of Steel Reinforced Grout systems for strengthening concrete elements. Construction and Building Materials, 2020, 232, 117105.	7.2	30
12	Results from cyclic tests on high aspect ratio RC columns strengthened with FRP systems. Construction and Building Materials, 2012, 37, 606-620.	7.2	27
13	Compressive behavior of concrete confined by SRP wraps. Construction and Building Materials, 2016, 127, 993-1008.	7.2	26
14	An experimental investigation on the bond behavior of steel reinforced polymers on concrete substrate. Composite Structures, 2017, 181, 58-72.	5.8	26
15	Modelling and verification of response of RC slabs strengthened in flexure with mechanically fastened FRP laminates. Magazine of Concrete Research, 2010, 62, 593-605.	2.0	23
16	Masonry columns confined with fabric reinforced cementitious matrix (FRCM) systems: A round robin test. Construction and Building Materials, 2021, 298, 123816.	7.2	23
17	Inverse identification of a bearing-stress-interface-slip relationship in mechanically fastened FRP laminates. Composite Structures, 2012, 94, 2548-2560.	5.8	22
18	Modeling SRP-concrete interfacial bond behavior and strength. Engineering Structures, 2019, 187, 220-230.	5.3	17

#	ARTICLE	IF	CITATIONS
19	Influence of different set-up parameters on the bond behavior of FRCM composites. <i>Construction and Building Materials</i> , 2021, 308, 124964.	7.2	17
20	RC Beams Strengthened with Mechanically Fastened Composites: Experimental Results and Numerical Modeling. <i>Polymers</i> , 2014, 6, 613-633.	4.5	13
21	A 1D finite element model for the flexural behaviour of RC beams strengthened with MF-FRP strips. <i>Composite Structures</i> , 2014, 107, 190-204.	5.8	12
22	RC Columns Strengthened with Novel CFRP Systems: An Experimental Study. <i>Polymers</i> , 2015, 7, 2044-2060.	4.5	12
23	Full Scale Reinforced Concrete Beam-Column Joints Strengthened with Steel Reinforced Polymer Systems. <i>Frontiers in Materials</i> , 2017, 4, .	2.4	11
24	Compressive strength of concrete confined with fabric reinforced cementitious matrix (FRCM): Analytical models. <i>Composites Part C: Open Access</i> , 2020, 2, 100032.	3.2	11
25	Interface bond between FRP systems and substrate: Analytical modeling. <i>Composite Structures</i> , 2021, 257, 112942.	5.8	9
26	Experimental and analytical investigation on the bond of SRP systems to concrete. <i>Composite Structures</i> , 2020, 242, 112090.	5.8	7
27	Compressive Behavior of Masonry Columns Confined with FRCM Systems: Research Overview and Analytical Proposals. <i>Journal of Composites for Construction</i> , 2022, 26, .	3.2	7
28	A macro-modelling approach for RC beam-column exterior joints: first results on monotonic behaviour. <i>Journal of Building Engineering</i> , 2021, 39, 102202.	3.4	5
29	FRP confined masonry under compression: database collection and design proposals. <i>Composite Structures</i> , 2021, 276, 114490.	5.8	5
30	Confinement of Concrete with FRCM Materials. <i>Lecture Notes in Civil Engineering</i> , 2020, , 360-371.	0.4	5
31	A Nonlinear Macro-Model for the Analysis of Monotonic and Cyclic Behaviour of Exterior RC Beam-Column Joints. <i>Frontiers in Materials</i> , 2021, 8, .	2.4	3
32	Cyclic Behaviour of FRP Confined RC Rectangular Columns with High Aspect Ratio. , 2011, , 815-819.		3
33	Bond-slip models for the interface between steel fabric reinforced cementitious matrix and concrete substrate. <i>Composites Part C: Open Access</i> , 2020, 3, 100078.	3.2	2
34	Overview of the Experimental Works on Steel Reinforced Polymer Systems. <i>Applied Mechanics and Materials</i> , 2016, 847, 369-380.	0.2	1
35	Special Problems. <i>RILEM State-of-the-Art Reports</i> , 2016, , 195-262.	0.7	1
36	Confinement of RC Elements by Means of EBR FRP Systems. <i>RILEM State-of-the-Art Reports</i> , 2016, , 131-194.	0.7	0

#	ARTICLE	IF	CITATIONS
37	Design by Testing and Statistical Determination of Capacity Models. RILEM State-of-the-Art Reports, 2016, , 5-38.	0.7	0