

Structural Evaluation of Full-Scale FRP-Confined Reinforced Concrete Columns

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Structural Evaluation of Full-Scale FRP-Confined Reinforced Concrete Columns. Journal of Composites for Construction, 2011, 15, 112-123.	1.7	154
2	Single-Parameter Methodology for the Prediction of the Stress-Strain Behavior of FRP-Confined RC Square Columns. Journal of Composites for Construction, 2011, 15, 384-392.	1.7	11
3	Experimental Investigation of Preloaded RC Columns Strengthened with Precambered Steel Plates under Eccentric Compression Loading. Advances in Structural Engineering, 2012, 15, 1253-1264.	1.2	12
4	Mechanical behavior of concrete columns confined by basalt FRP windings. Mechanics of Composite Materials, 2012, 48, 539-546.	0.9	24
5	Design-Oriented Strength Model for FRP-Confined Concrete Members. Journal of Composites for Construction, 2012, 16, 615-625.	1.7	85
6	Analytical model for the effective strain in FRP-wrapped circular RC columns. Composites Part B: Engineering, 2012, 43, 3208-3218.	5.9	33
7	Plastic hinge relocation in RC joints as an alternative method of retrofitting using FRP. Composite Structures, 2012, 94, 2433-2439.	3.1	50
8	Seismic performance of shear critical post-heated reinforced concrete square columns wrapped with FRP composites. Construction and Building Materials, 2012, 34, 457-469.	3.2	18
9	Fracture mechanical analysis of strengthened concrete tension members with one crack. International Journal of Fracture, 2012, 173, 21-35.	1.1	2
10	FRP Wrapping for RC Columns with Varying Corner Radii. Procedia Engineering, 2013, 51, 220-229.	1.2	22
11	Effect of FRP wrapping in seismic performance of RC buildings with and without special detailing – A case study. Composites Part B: Engineering, 2013, 45, 1265-1274.	5.9	40
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14	Factors Affecting the Ultimate Condition of FRP-Wrapped Concrete Columns. Journal of Composites for Construction, 2013, 17, 67-78.	1.7	54
15	Mechanical Behavior of FRP-Strengthened Concrete Columns Subjected to Concentric and Eccentric Compression Loading. Journal of Composites for Construction, 2013, 17, 336-346.	1.7	84
16	Theoretical and Experimental Study of Plate-Strengthened Concrete Columns under Eccentric Compression Loading. Journal of Structural Engineering, 2013, 139, 350-359.	1.7	14
17	Repair of Fire-Exposed Preloaded Rectangular Concrete Columns by Postcompressed Steel Plates. Journal of Structural Engineering, 2014, 140, .	1.7	13
18	FRP Composites Strengthening of Concrete Columns under Various Loading Conditions. Polymers, 2014, 6, 1040-1056.	2.0	93

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19	Experimental and numerical investigation for compression response of CFRP strengthened shape modified wall-like RC column. <i>Construction and Building Materials</i> , 2014, 63, 72-80.	3.2	29
20	Reducing the potential seismic damage of reinforced concrete frames using plastic hinge relocation by FRP. <i>Composites Part B: Engineering</i> , 2014, 60, 688-696.	5.9	6
21	Effects of carbon nanotube enrichment of epoxy resins on hybrid FRP-FR confinement of concrete. <i>Composites Part B: Engineering</i> , 2014, 57, 210-218.	5.9	59
22	RC columns of square section - Passive and active confinement with composite ropes. <i>Composites Part B: Engineering</i> , 2014, 58, 573-581.	5.9	74
23	Reducing the seismic damage of reinforced concrete frames using FRP confinement. <i>Composite Structures</i> , 2014, 118, 403-415.	3.1	19
24	Peak strength and ultimate strain prediction for FRP confined square and circular concrete sections. <i>Composites Part B: Engineering</i> , 2014, 67, 543-554.	5.9	77
25	Strengthening of Heat Damaged Reinforced Concrete Short Columns. <i>Journal of Structural Fire Engineering</i> , 2014, 5, 381-398.	0.4	17
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27	Analysis of load-strain models for RC square columns confined with CFRP. <i>Composites Part B: Engineering</i> , 2015, 74, 23-41.	5.9	19
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32	FRP-HSC-steel composite columns: behavior under monotonic and cyclic axial compression. <i>Materials and Structures/Materiaux Et Constructions</i> , 2015, 48, 1075-1093.	1.3	65
33	Confinement Model for Concrete Columns Internally Confined with Carbon FRP Spirals and Hoops. <i>Journal of Structural Engineering</i> , 2015, 141, .	1.7	51
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38	Design-Oriented Stress-Strain Model for Concrete under Combined FRP-Steel Confinement. Journal of Composites for Construction, 2016, 20, .	1.7	61
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41	Dilation Effects in FRP-Confined Square Concrete Columns Using Stone, Brick, and Recycled Coarse Aggregates. Journal of Composites for Construction, 2016, 20, .	1.7	21
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43	Impact behavior of concrete columns confined by both GFRP tube and steel spiral reinforcement. Construction and Building Materials, 2017, 131, 438-448.	3.2	33
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53	Lateral response of PET FRP-confined concrete. Construction and Building Materials, 2018, 159, 390-407.	3.2	46
54	Modeling the axial compressive stress-strain behavior of CFRP-confined rectangular RC columns under monotonic and cyclic loading. Composite Structures, 2018, 185, 229-240.	3.1	57

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56	Compressive behavior of FRP externally wrapped R.C. column with buckling effects of longitudinal bars. Engineering Structures, 2018, 168, 809-818.	2.6	9
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69	Strengthening of Laterally Restrained Steel Beams Subjected to Flexural Loading Using Low-Modulus CFRP. Journal of Performance of Constructed Facilities, 2019, 33, .	1.0	17
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92	Behavior of Large-Scale Hybrid FRP-Concrete-Steel Multitube Concrete Columns under Axial Compression. <i>Journal of Composites for Construction</i> , 2021, 25, .	1.7	12
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137	NSM GFRP Strengthening of Reinforced Concrete Beams after Exposure to Fire: Experiments and Theoretical Model. <i>Journal of Composites for Construction</i> , 2023, 27, .	1.7	0
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