

Muhammad Hadi

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

209
papers

4,581
citations

37
h-index

57
g-index

267
ext. papers

5,747
ext. citations

3.8
avg, IF

6.68
L-index

#	Paper	IF	Citations
209	Incorporation of graphene in slag-fly ash-based alkali-activated concrete. <i>Construction and Building Materials</i> , 2022 , 322, 126417	6.7	2
208	Behavior of hollow concrete-filled rectangular GFRP tube beams under bending. <i>Composite Structures</i> , 2022 , 115348	5.3	0
207	Flexural strengthening of RC beams with NSM-GFRP technique incorporating innovative anchoring system. <i>Structures</i> , 2022 , 38, 251-264	3.4	0
206	Experimental study of the effect of graphene on properties of ambient-cured slag and fly ash-based geopolymer paste and mortar. <i>Construction and Building Materials</i> , 2021 , 313, 125403	6.7	4
205	Experimental Study of GFRP-Reinforced Geopolymer Concrete Columns under Different Loading Conditions. <i>Journal of Composites for Construction</i> , 2021 , 25,	3.3	2
204	Tensile Testing of Carbon FRP (CFRP) and Glass FRP (GFRP) Bars: An Experimental Study. <i>Journal of Testing and Evaluation</i> , 2021 , 49, 20180660	1	0
203	Effect of geogrid reinforcement on the strains at compressive zone of concrete pavements. <i>Structural Concrete</i> , 2021 , 22, 109-119	2.6	1
202	Investigation of BFRP bar reinforced geopolymer concrete filled BFRP tube columns. <i>Proceedings of the Institution of Civil Engineers: Structures and Buildings</i> , 2021 , 1-16	0.9	4
201	Analysis of concrete columns with high-performance concrete jackets and polymer wraps. <i>Proceedings of the Institution of Civil Engineers: Structures and Buildings</i> , 2021 , 1-12	0.9	0
200	Influence of alkaline activators on the mechanical properties of fly ash based geopolymer concrete cured at ambient temperature. <i>Construction and Building Materials</i> , 2021 , 273, 121752	6.7	25
199	Effect of Using GFRP Reinforcement on the Behavior of Hollow-Core Circular Concrete Columns. <i>Journal of Composites for Construction</i> , 2021 , 25, 06020003	3.3	9
198	Behavior of axially loaded plain and fiber-reinforced geopolymer concrete columns with glass fiber-reinforced polymer cages. <i>Structural Concrete</i> , 2021 , 22, 1800-1816	2.6	5
197	Strain model for discretely FRP confined concrete based on energy balance principle. <i>Engineering Structures</i> , 2021 , 241, 112489	4.7	3
196	Analytical investigation on the load-moment interaction behavior of the FRP reinforced geopolymer concrete filled FRP tube circular columns. <i>Journal of Building Engineering</i> , 2021 , 42, 102818	5.2	6
195	Numerical analysis of rectangular double-skin concrete-filled steel tubular slender columns incorporating interaction buckling. <i>Engineering Structures</i> , 2021 , 245, 112960	4.7	2
194	Behavior of GFRP bar reinforced geopolymer concrete filled GFRP tube columns under different loading conditions. <i>Structures</i> , 2021 , 33, 1633-1644	3.4	7
193	Behaviour of square concrete filled FRP tube columns under concentric, uniaxial eccentric, biaxial eccentric and four-point bending loads. <i>Thin-Walled Structures</i> , 2021 , 168, 108252	4.7	3

192	Behavior of GFRP bar-reinforced hollow-core polypropylene fiber and glass fiber concrete columns under axial compression. <i>Journal of Building Engineering</i> , 2021 , 44, 103245	5.2	5
191	Fiber-based computational modeling of rectangular double-skin concrete-filled steel tubular short columns including local buckling. <i>Engineering Structures</i> , 2021 , 248, 113268	4.7	2
190	Analytical load-moment (P-M) interaction diagrams of GFRP bar reinforced circular geopolymer concrete columns. <i>Structures</i> , 2021 , 34, 2445-2454	3.4	1
189	Stress-Strain Behavior of Helically Confined RPC Columns Reinforced with Steel Fibers under Concentric Loading. <i>Journal of Materials in Civil Engineering</i> , 2020 , 32, 04020151	3	1
188	Failure envelopes of square and circularized RC columns discretely confined with CFRP. <i>Construction and Building Materials</i> , 2020 , 261, 119937	6.7	6
187	Behavior of circular concrete-filled double steel tubular slender beam-columns including preload effects. <i>Engineering Structures</i> , 2020 , 220, 111010	4.7	6
186	Numerical analysis of circular double-skin concrete-filled stainless steel tubular short columns under axial loading. <i>Structures</i> , 2020 , 24, 754-765	3.4	17
185	Experimental and numerical investigations of eccentrically loaded rectangular concrete-filled double steel tubular columns. <i>Journal of Constructional Steel Research</i> , 2020 , 167, 105949	3.8	15
184	Influence of Geogrid Reinforcement on the Drying Shrinkage of High-Strength Concrete Pavements. <i>Journal of Transportation Engineering Part B: Pavements</i> , 2020 , 146, 04020032	1.4	
183	Flexural fatigue behaviour of geogrid reinforced concrete pavements. <i>Construction and Building Materials</i> , 2020 , 249, 118762	6.7	6
182	Computational simulation of eccentrically loaded circular thin-walled concrete-filled double steel tubular slender columns. <i>Engineering Structures</i> , 2020 , 213, 110571	4.7	9
181	P-M Interactions of Geopolymer Concrete Column Reinforced with and without Steel Fiber. <i>ACI Structural Journal</i> , 2020 , 117,	1.7	5
180	Nonlinear analysis of square concrete-filled double steel tubular slender columns incorporating preload effects. <i>Engineering Structures</i> , 2020 , 207, 110272	4.7	11
179	Geogrid-confined pervious geopolymer concrete piles with FRP-PVC-confined concrete core: Analytical models. <i>Structures</i> , 2020 , 23, 731-738	3.4	6
178	Numerical simulations of circular high strength concrete-filled aluminum tubular short columns incorporating new concrete confinement model. <i>Thin-Walled Structures</i> , 2020 , 147, 106492	4.7	13
177	Experimental results of circular FRP tube confined concrete (CFFT) and comparison with analytical models. <i>Journal of Building Engineering</i> , 2020 , 29, 101157	5.2	4
176	Effect of geogrid reinforcement on the drying shrinkage and thermal expansion of geopolymer concrete. <i>Structural Concrete</i> , 2020 , 21, 1029-1039	2.6	6
175	Experimental and analytical investigations on the effectiveness of non-uniform CFRP wrapping on circularised RC columns. <i>Structure and Infrastructure Engineering</i> , 2020 , 1-16	2.9	2

174	Nonuniform CFRP Wrapping to Prevent Sudden Failure of FRP Confined Square RC Columns. <i>Journal of Composites for Construction</i> , 2020 , 24, 04020063	3.3	7
173	Fire-Resistance of Eccentrically Loaded Rectangular Concrete-Filled Steel Tubular Slender Columns Incorporating Interaction of Local and Global Buckling. <i>International Journal of Structural Stability and Dynamics</i> , 2019 , 19, 1950085	1.9	1
172	Local-global interaction buckling of square high strength concrete-filled double steel tubular slender beam-columns. <i>Thin-Walled Structures</i> , 2019 , 143, 106244	4.7	19
171	Analytical investigation on the behavior of circular and square RC columns strengthened with RPC and wrapped with FRP under uniaxial compression. <i>Journal of Building Engineering</i> , 2019 , 25, 100833	5.2	9
170	Axial-flexural interaction diagram of RPC columns reinforced with steel fibres. <i>Structures</i> , 2019 , 19, 499-506	5.0	0
169	Mechanical properties of steel, glass, and hybrid fiber reinforced reactive powder concrete. <i>Frontiers of Structural and Civil Engineering</i> , 2019 , 13, 998-1006	2.5	21
168	Pullout Behaviour of Different Types of Steel Fibres Embedded in Magnesium Phosphate Cementitious Matrix. <i>International Journal of Concrete Structures and Materials</i> , 2019 , 13,	2.8	5
167	Geogrid-confined pervious geopolymers concrete piles with FRP-PVC-confined concrete core: Concept and behaviour. <i>Construction and Building Materials</i> , 2019 , 211, 12-25	6.7	9
166	Performance evaluation of intermittently CFRP wrapped square and circularised square reinforced concrete columns under different loading conditions. <i>Structure and Infrastructure Engineering</i> , 2019 , 15, 696-710	2.9	10
165	Optimum mix design of geopolymers pastes and concretes cured in ambient condition based on compressive strength, setting time and workability. <i>Journal of Building Engineering</i> , 2019 , 23, 301-313	5.2	69
164	Numerical analysis of axially loaded circular high strength concrete-filled double steel tubular short columns. <i>Thin-Walled Structures</i> , 2019 , 138, 105-116	4.7	37
163	New technique for strengthening square-reinforced concrete columns by the circularisation with reactive powder concrete and wrapping with fibre-reinforced polymer. <i>Structure and Infrastructure Engineering</i> , 2019 , 15, 1392-1403	2.9	8
162	Experimental and numerical studies of square concrete-filled double steel tubular short columns under eccentric loading. <i>Engineering Structures</i> , 2019 , 197, 109419	4.7	19
161	Numerical study of circular double-skin concrete-filled aluminum tubular stub columns. <i>Engineering Structures</i> , 2019 , 197, 109418	4.7	8
160	Fiber element simulation of interaction behavior of local and global buckling in axially loaded rectangular concrete-filled steel tubular slender columns under fire exposure. <i>Thin-Walled Structures</i> , 2019 , 145, 106403	4.7	4
159	Behavior of eccentrically loaded double circular steel tubular short columns filled with concrete. <i>Engineering Structures</i> , 2019 , 201, 109790	4.7	23
158	Nonlinear post-fire simulation of concentrically loaded rectangular thin-walled concrete-filled steel tubular short columns accounting for progressive local buckling. <i>Thin-Walled Structures</i> , 2019 , 145, 106423	4.7	1
157	Moment-Curvature Behavior of Glass Fiber-Reinforced Polymer Bar-Reinforced Normal-Strength Concrete and High-Strength Concrete Columns. <i>ACI Structural Journal</i> , 2019 , 116,	1.7	8

156	The Effect of Nano-SiO ₂ , Nano-Al ₂ O ₃ , and Nano-Fe ₂ O ₃ on the Compressive Strength and Workability of Magnesium Phosphate Cement-Based Mortar. <i>Advances in Civil Engineering Materials</i> , 2019 , 8, 20190014	0.7	1
155	A New Method for Direct Tensile Testing of Concrete. <i>Journal of Testing and Evaluation</i> , 2019 , 47, 20170067		9
154	Experimental Study on RC Walls with Opening Strengthened by Externally Bonded CFRP. <i>Journal of Composites for Construction</i> , 2019 , 23, 04019008	3.3	6
153	Experimental evaluation of tensile strength test methods for steel fibre-reinforced concrete. <i>Magazine of Concrete Research</i> , 2019 , 71, 385-394	2	3
152	Concrete strength reduction due to over compaction. <i>Construction and Building Materials</i> , 2019 , 197, 725-733	6.7	6
151	Numerical analysis of axially loaded rectangular concrete-filled steel tubular short columns at elevated temperatures. <i>Engineering Structures</i> , 2019 , 180, 89-102	4.7	14
150	Investigation of engineering properties of normal and high strength fly ash based geopolymer and alkali-activated slag concrete compared to ordinary Portland cement concrete. <i>Construction and Building Materials</i> , 2019 , 196, 26-42	6.7	73
149	Maximum axial load carrying capacity of Fibre Reinforced-Polymer (FRP) bar reinforced concrete columns under axial compression. <i>Structures</i> , 2019 , 19, 227-233	3.4	15
148	Predicting strength and strain enhancement ratios of circular fiber-reinforced polymer tube confined concrete under axial compression using artificial neural networks. <i>Advances in Structural Engineering</i> , 2019 , 22, 1426-1443	1.9	3
147	Effect of geogrid reinforcement on the flexural behaviour of concrete pavements. <i>Road Materials and Pavement Design</i> , 2019 , 20, 1005-1025	2.6	14
146	Investigation on the behaviour of partial wrapping in comparison with full wrapping of square RC columns under different loading conditions. <i>Construction and Building Materials</i> , 2018 , 168, 153-168	6.7	36
145	Behavior of High-Strength Concrete Columns Reinforced with Galvanized Steel Equal-Angle Sections under Different Loading Conditions. <i>Journal of Structural Engineering</i> , 2018 , 144, 04018070	3	3
144	Axial and flexural behaviour of circular reinforced concrete columns strengthened with reactive powder concrete jacket and fibre reinforced polymer wrapping. <i>Construction and Building Materials</i> , 2018 , 172, 717-727	6.7	28
143	Mechanical behaviour of micro-fine steel fibre reinforced sulphoaluminate cement composite. <i>Construction and Building Materials</i> , 2018 , 170, 91-100	6.7	9
142	Behaviour of carbon fibre reinforced polymer-confined hollow circular concrete columns with inner polyvinyl chloride tube. <i>Advances in Structural Engineering</i> , 2018 , 21, 1120-1133	1.9	1
141	Experimental investigation of CFRP confined hollow core Reactive Powder Concrete columns. <i>Construction and Building Materials</i> , 2018 , 174, 343-355	6.7	14
140	Local buckling of steel plates in concrete-filled steel tubular columns at elevated temperatures. <i>Engineering Structures</i> , 2018 , 168, 108-118	4.7	15
139	Effects of fly ash characteristics and alkaline activator components on compressive strength of fly ash-based geopolymer mortar. <i>Construction and Building Materials</i> , 2018 , 175, 41-54	6.7	66

138	Factors Affecting the Bond Strength Between the Fly Ash-based Geopolymer Concrete and Steel Reinforcement. <i>Structures</i> , 2018 , 14, 262-272	3-4	29
137	Experimental Investigation on the Effect of Corrosion on the Bond Between Reinforcing Steel Bars and Fibre Reinforced Geopolymer Concrete. <i>Structures</i> , 2018 , 14, 251-261	3-4	36
136	Quality Evaluation Tests for Tensile Strength of Reactive Powder Concrete. <i>Journal of Materials in Civil Engineering</i> , 2018 , 30, 04018070	3	11
135	Concrete Filled Carbon FRP Tube (CFRP-CFFT) columns with and without CFRP reinforcing bars: Axial-flexural interactions. <i>Composites Part B: Engineering</i> , 2018 , 133, 42-52	10	21
134	Influence of the Location of CFRP Strips on the Behaviour of Partially Wrapped Square Reinforced Concrete Columns under Axial Compression. <i>Structures</i> , 2018 , 15, 131-137	3-4	18
133	Compressive behavior of hybrid double-skin tubular columns with a rib-stiffened steel inner tube. <i>Composite Structures</i> , 2018 , 204, 634-644	5-3	30
132	Behaviour of Ambient Cured Steel Fibre Reinforced Geopolymer Concrete Columns Under Axial and Flexural Loads. <i>Structures</i> , 2018 , 15, 184-195	3-4	26
131	Stress-Strain Relationship of Unconfined RPC Reinforced with Steel Fibers under Compression. <i>Journal of Materials in Civil Engineering</i> , 2018 , 30, 04018234	3	7
130	Analytical investigation on the load-moment characteristics of GFRP bar reinforced circular NSC and HSC columns. <i>Construction and Building Materials</i> , 2018 , 183, 605-617	6-7	11
129	Axial Load-Axial Deformation Behaviour of SCC Columns Reinforced with Steel Tubes. <i>Structures</i> , 2018 , 15, 259-269	3-4	2
128	Nonlinear analysis of rectangular concrete-filled double steel tubular short columns incorporating local buckling. <i>Engineering Structures</i> , 2018 , 175, 13-26	4-7	44
127	Mechanical properties of micro-steel fibre reinforced magnesium potassium phosphate cement composite. <i>Construction and Building Materials</i> , 2018 , 185, 423-435	6-7	26
126	Interface bond performance of steel fibre embedded in magnesium phosphate cementitious composite. <i>Construction and Building Materials</i> , 2018 , 185, 648-660	6-7	12
125	Influence of Steel Fibres on the Behaviour of RPC Circular Columns Under Different Loading Conditions. <i>Structures</i> , 2018 , 14, 111-123	3-4	8
124	Behavior of Ambient Cured Geopolymer Concrete Columns under Different Loads. <i>ACI Structural Journal</i> , 2018 , 115,	1-7	5
123	Axial Compressive Behavior of Steel Equal Angle Section-Reinforced Square High-Strength Concrete Column. <i>ACI Structural Journal</i> , 2018 , 115,	1-7	1
122	Behavior of Concrete Beams Reinforced with Steel Plates. <i>ACI Structural Journal</i> , 2018 , 1115,	1-7	2
121	Behaviour of small-diameter self-compacting concrete-filled steel tubes. <i>Magazine of Concrete Research</i> , 2018 , 70, 811-821	2	1

120	Compressive behaviour of partially FRP confined concrete: Experimental observations and assessment of the stress-strain models. <i>Construction and Building Materials</i> , 2018 , 192, 785-797	6.7	47
119	Eccentrically Loaded FRP Confined Concrete with Different Wrapping Schemes. <i>Journal of Composites for Construction</i> , 2018 , 22, 04018056	3.3	18
118	Friction coefficient between FRP pultruded profiles and concrete. <i>Materials and Structures/Materiaux Et Constructions</i> , 2018 , 51, 1	3.4	11
117	Bond behaviour of steel plate reinforced concrete beams. <i>Construction and Building Materials</i> , 2018 , 189, 751-756	6.7	3
116	Engineering Properties of Ambient Cured Alkali-Activated Fly Ash/Slag Concrete Reinforced with Different Types of Steel Fiber. <i>Journal of Materials in Civil Engineering</i> , 2018 , 30, 04018142	3	29
115	Axial load-bending moment diagrams of GFRP reinforced columns and GFRP encased square columns. <i>Construction and Building Materials</i> , 2017 , 135, 550-564	6.7	23
114	Experimental Investigation of Circular High-Strength Concrete Columns Reinforced with Glass Fiber-Reinforced Polymer Bars and Helices under Different Loading Conditions. <i>Journal of Composites for Construction</i> , 2017 , 21, 04017005	3.3	38
113	Design of geopolymers concrete with GGBFS at ambient curing condition using Taguchi method. <i>Construction and Building Materials</i> , 2017 , 140, 424-431	6.7	134
112	Behavior of Self-Compacting Concrete Columns Reinforced Longitudinally with Steel Tubes. <i>Journal of Structural Engineering</i> , 2017 , 143, 04017024	3	4
111	Influence of geogrid on the drying shrinkage performance of concrete pavements. <i>Construction and Building Materials</i> , 2017 , 146, 165-174	6.7	14
110	Behaviour of Small Diameter Steel Tubes Under Axial Compression. <i>Structures</i> , 2017 , 11, 155-163	3.4	12
109	Behaviour of concrete-encased concrete-filled FRP tube (CCFT) columns under axial compression. <i>Engineering Structures</i> , 2017 , 147, 256-268	4.7	33
108	Shear strength model of reinforced-concrete exterior joint under cyclic loading. <i>Proceedings of the Institution of Civil Engineers: Structures and Buildings</i> , 2017 , 170, 603-617	0.9	10
107	Experimental investigation of composite beams reinforced with GFRP I-beam and steel bars. <i>Construction and Building Materials</i> , 2017 , 144, 462-474	6.7	16
106	Behaviour of circularized and FRP wrapped hollow concrete specimens under axial compressive load. <i>Composite Structures</i> , 2017 , 171, 538-548	5.3	17
105	Nonlinear analysis of biaxially loaded rectangular concrete-filled stainless steel tubular slender beam-columns. <i>Engineering Structures</i> , 2017 , 140, 120-133	4.7	26
104	Behavior of Circularized Hollow RC Columns under Different Loading Conditions. <i>Journal of Composites for Construction</i> , 2017 , 21, 04017025	3.3	19
103	Performance evaluation of high strength concrete and steel fibre high strength concrete columns reinforced with GFRP bars and helices. <i>Construction and Building Materials</i> , 2017 , 134, 297-310	6.7	28

102	Behaviour of high strength concrete reinforced with different types of steel fibres. <i>Australian Journal of Structural Engineering</i> , 2017 , 18, 254-261	1.4	4
101	Mechanical properties of reactive powder concrete containing industrial and waste steel fibres at different ratios under compression. <i>Construction and Building Materials</i> , 2017 , 154, 1024-1034	6.7	43
100	Behaviour of fibre-reinforced RPC columns under different loading conditions. <i>Construction and Building Materials</i> , 2017 , 156, 293-306	6.7	12
99	Bond-slip behaviour between GFRP I-section and concrete. <i>Composites Part B: Engineering</i> , 2017 , 130, 76-89	10	17
98	Axial-Flexural Interactions of GFRP-CFFT Columns with and without Reinforcing GFRP Bars. <i>Journal of Composites for Construction</i> , 2017 , 21, 04016109	3.3	29
97	Nonlinear analysis of circular high strength concrete-filled stainless steel tubular slender beam-columns. <i>Engineering Structures</i> , 2017 , 130, 1-13	4.7	15
96	High-strength steel plates in hybrid fiber-reinforced polymer-concrete-steel columns: Concept and behavior. <i>Advances in Structural Engineering</i> , 2017 , 20, 797-811	1.9	11
95	Load and Moment Interaction Diagram for Circular Concrete Columns Reinforced with GFRP Bars and GFRP Helices. <i>Journal of Composites for Construction</i> , 2017 , 21, 04016076	3.3	12
94	Longitudinal Reinforcement Limits for Fiber-Reinforced Polymer Reinforced Concrete Members. <i>ACI Structural Journal</i> , 2017 , 114,	1.7	3
93	Behavior of Steel Fiber-Reinforced High-Strength Concrete Columns under Different Loads. <i>ACI Structural Journal</i> , 2017 , 114,	1.7	9
92	Effects of Fabrication Technique on Tensile Properties of Fiber Reinforced Polymer. <i>Journal of Testing and Evaluation</i> , 2017 , 45, 20150525	1	4
91	Axial compressive behaviour of concrete confined with polymer grid. <i>Materials and Structures/Materiaux Et Constructions</i> , 2016 , 49, 3893-3908	3.4	23
90	Seismic rehabilitation of reinforced concrete beam-column joints by bonding with concrete covers and wrapping with FRP composites. <i>Materials and Structures/Materiaux Et Constructions</i> , 2016 , 49, 467-485	3.4	29
89	Direct tensile testing of Self-Compacting Concrete. <i>Construction and Building Materials</i> , 2016 , 112, 903-906	6	22
88	Experimental Investigation of GFRP-Reinforced and GFRP-Encased Square Concrete Specimens under Axial and Eccentric Load, and Four-Point Bending Test. <i>Journal of Composites for Construction</i> , 2016 , 20, 04016020	3.3	47
87	Experimental Study on FRP Tube Reinforced Concrete Columns under Different Loading Conditions. <i>Journal of Composites for Construction</i> , 2016 , 20, 04016034	3.3	19
86	Experimental Investigations on Circular Concrete Columns Reinforced with GFRP Bars and Helices under Different Loading Conditions. <i>Journal of Composites for Construction</i> , 2016 , 20, 04016009	3.3	122
85	Axial compressive behaviour of circular CFFT: Experimental database and design-oriented model. <i>Steel and Composite Structures</i> , 2016 , 21, 921-947		7

84	Axial and flexural behavior of unreinforced and FRP bar reinforced circular concrete filled FRP tube columns. <i>Construction and Building Materials</i> , 2016 , 122, 43-53	6.7	62
83	The effects of CFRP orientation on the strengthening of reinforced concrete structures. <i>Structural Design of Tall and Special Buildings</i> , 2016 , 25, 759-784	1.8	14
82	Effect of Different FRP Wrapping Arrangements on the Confinement Mechanism. <i>Procedia Engineering</i> , 2016 , 142, 307-313		11
81	Axial load-axial deformation behaviour of circular concrete columns reinforced with GFRP bars and helices. <i>Construction and Building Materials</i> , 2016 , 112, 1147-1157	6.7	74
80	Closure to Geometric Design Optimization for Dynamic Response Problems of Continuous Reinforced Concrete Beams By P. Sharafi, M. N. S. Hadi, and Lip H. Teh. <i>Journal of Computing in Civil Engineering</i> , 2015 , 29, 07014003	5	
79	Behaviour of perforated GFRP tubes under axial compression. <i>Thin-Walled Structures</i> , 2015 , 95, 88-100	4.7	22
78	Maximum usable strain of FRP-confined concrete. <i>Construction and Building Materials</i> , 2015 , 83, 119-127	6.7	26
77	Axial compressive behaviour of GFRP tube reinforced concrete columns. <i>Construction and Building Materials</i> , 2015 , 81, 198-207	6.7	42
76	Optimized FRP Wrapping Schemes for Circular Concrete Columns under Axial Compression. <i>Journal of Composites for Construction</i> , 2015 , 19, 04015015	3.3	52
75	Conceptual design optimization of rectilinear building frames: A knapsack problem approach. <i>Engineering Optimization</i> , 2015 , 47, 1303-1323	2	17
74	Biaxially loaded high-strength concrete-filled steel tubular slender beam-columns, part II: Parametric study. <i>Journal of Constructional Steel Research</i> , 2015 , 110, 200-207	3.8	11
73	Investigating the optimal passive and active vibration controls of adjacent buildings based on performance indices using genetic algorithms. <i>Engineering Optimization</i> , 2015 , 47, 265-286	2	17
72	Experimental study on the properties of corroded steel fibres. <i>Construction and Building Materials</i> , 2015 , 79, 165-172	6.7	21
71	Behavior of biaxially-loaded rectangular concrete-filled steel tubular slender beam-columns with preload effects. <i>Thin-Walled Structures</i> , 2014 , 79, 166-177	4.7	13
70	Shape optimization of thin-walled steel sections using graph theory and ACO algorithm. <i>Journal of Constructional Steel Research</i> , 2014 , 101, 331-341	3.8	30
69	Confinement model for FRP confined normal- and high-strength concrete circular columns. <i>Construction and Building Materials</i> , 2014 , 69, 83-90	6.7	59
68	Optimal design of semi active control for adjacent buildings connected by MR damper based on integrated fuzzy logic and multi-objective genetic algorithm. <i>Engineering Structures</i> , 2014 , 69, 135-148	4.7	76
67	Stress Prediction Model for FRP Confined Rectangular Concrete Columns with Rounded Corners. <i>Journal of Composites for Construction</i> , 2014 , 18, 04013019	3.3	56

66	Nonlinear analysis of axially loaded circular concrete-filled stainless steel tubular short columns. <i>Journal of Constructional Steel Research</i> , 2014 , 101, 9-18	3.8	60
65	Retrofitting nonseismically detailed exterior beam-column joints using concrete covers together with CFRP jacket. <i>Construction and Building Materials</i> , 2014 , 63, 161-173	6.7	49
64	Geometric Design Optimization for Dynamic Response Problems of Continuous Reinforced Concrete Beams. <i>Journal of Computing in Civil Engineering</i> , 2014 , 28, 202-209	5	22
63	A new empirical model for shear strength of reinforced concrete beam-column connections. <i>Magazine of Concrete Research</i> , 2014 , 66, 514-530	2	21
62	Predicting Stress and Strain of FRP-Confined Square/Rectangular Columns Using Artificial Neural Networks. <i>Journal of Composites for Construction</i> , 2014 , 18, 04014019	3.3	52
61	Numerical analysis of high-strength concrete-filled steel tubular slender beam-columns under cyclic loading. <i>Journal of Constructional Steel Research</i> , 2014 , 92, 183-194	3.8	36
60	Behaviour of hollow core square reinforced concrete columns wrapped with CFRP with different fibre orientations. <i>Construction and Building Materials</i> , 2014 , 50, 62-73	6.7	25
59	NUMERICAL ANALYSIS OF CIRCULAR CONCRETE-FILLED STEEL TUBULAR SLENDER BEAM-COLUMNS WITH PRELOAD EFFECTS. <i>International Journal of Structural Stability and Dynamics</i> , 2013 , 13, 1250065	1.9	11
58	Performance of CFRP Wrapped Square Reinforced Concrete Columns Subjected to Eccentric Loading. <i>Procedia Engineering</i> , 2013 , 54, 365-376		20
57	Strengthening square reinforced concrete columns by circularisation and FRP confinement. <i>Construction and Building Materials</i> , 2013 , 49, 490-499	6.7	67
56	Strain Estimation of CFRP-Confined Concrete Columns Using Energy Approach. <i>Journal of Composites for Construction</i> , 2013 , 17, 04013001	3.3	24
55	Cost Optimization of Column Layout Design of Reinforced Concrete Buildings 2013 , 129-146		3
54	Theory Based Sensitivity Analysis and Damage Detection of Steel Roof Sheeting for Hailstone Impact. <i>Conference Proceedings of the Society for Experimental Mechanics</i> , 2013 , 243-252	0.3	1
53	New Method of Strengthening Reinforced Concrete Square Columns by Circularizing and Wrapping with Fiber-Reinforced Polymer or Steel Straps. <i>Journal of Composites for Construction</i> , 2013 , 17, 229-238	3.3	74
52	Sizing Optimization of Trapezoidal Corrugated Roof Sheeting, Supporting Solar Panels, Under Wind Loading. <i>Conference Proceedings of the Society for Experimental Mechanics</i> , 2013 , 535-542	0.3	
51	High strength thin-walled rectangular concrete-filled steel tubular slender beam-columns, Part I: Modeling. <i>Journal of Constructional Steel Research</i> , 2012 , 70, 377-384	3.8	33
50	High strength thin-walled rectangular concrete-filled steel tubular slender beam-columns, Part II: Behavior. <i>Journal of Constructional Steel Research</i> , 2012 , 70, 368-376	3.8	27
49	Biaxially loaded high-strength concrete-filled steel tubular slender beam-columns, Part I: Multiscale simulation. <i>Journal of Constructional Steel Research</i> , 2012 , 75, 64-71	3.8	30

48	Normalized Confinement Stiffness Approach for Modeling FRP-Confined Concrete. <i>Journal of Composites for Construction</i> , 2012 , 16, 520-528	3.3	26
47	New Building Scheme to Resist Progressive Collapse. <i>Journal of Architectural Engineering</i> , 2012 , 18, 324-331		9
46	Heuristic Approach for Optimum Cost and Layout Design of 3D Reinforced Concrete Frames. <i>Journal of Structural Engineering</i> , 2012 , 138, 853-863	3	26
45	Axial and Flexural Performance of Square RC Columns Wrapped with CFRP under Eccentric Loading. <i>Journal of Composites for Construction</i> , 2012 , 16, 640-649	3.3	102
44	A New Cable System to Prevent Progressive Collapse of Reinforced Concrete Buildings 2012 ,		1
43	Behaviour of FRP confined concrete cylinders under different temperature exposure. <i>Bridge Maintenance, Safety and Management</i> , 2012 , 1187-1192		2
42	Inelastic stability analysis of high strength rectangular concrete-filled steel tubular slender beam-columns. <i>Interaction and Multiscale Mechanics</i> , 2012 , 5, 91-104		7
41	Optimum Column Layout Design of Reinforced Concrete Frames Under Wind Loading. <i>Conference Proceedings of the Society for Experimental Mechanics</i> , 2012 , 327-340	0.3	5
40	Optimum Spans Lengths of Multi-span Reinforced Concrete Beams Under Dynamic Loading. <i>Conference Proceedings of the Society for Experimental Mechanics</i> , 2012 , 353-361	0.3	3
39	Experimental Investigation on Using Mesh as Confinement Materials for High Strength Concrete Columns. <i>Procedia Engineering</i> , 2011 , 14, 2848-2855		7
38	Experimental Study of High-Strength Concrete Columns Confined with Different Types of Mesh under Eccentric and Concentric Loads. <i>Journal of Materials in Civil Engineering</i> , 2011 , 23, 823-832	3	25
37	Rehabilitating destructed reinforced concrete T connections by steel straps. <i>Construction and Building Materials</i> , 2011 , 25, 851-858	6.7	6
36	Seismic history analysis of asymmetrical adjacent buildings with soil-structure interaction consideration 2011 ,		3
35	Performance Comparison between an MRF Damper and an MRE Isolator Incorporated with a Building Structure. <i>Applied Mechanics and Materials</i> , 2010 , 37-38, 862-865	0.3	15
34	Behaviour of Reinforced Concrete Columns Wrapped with Fibre Reinforced Polymer Under Eccentric Loads. <i>Australian Journal of Structural Engineering</i> , 2010 , 10, 169-178	1.4	6
33	Comparative behaviour of hollow columns confined with FRP composites. <i>Composite Structures</i> , 2010 , 93, 198-205	5.3	59
32	Axial Load-Bending Moment Diagrams of Carbon FRP Wrapped Hollow Core Reinforced Concrete Columns. <i>Journal of Composites for Construction</i> , 2009 , 13, 262-268	3.3	35
31	Behaviour of eccentric loading of FRP confined fibre steel reinforced concrete columns. <i>Construction and Building Materials</i> , 2009 , 23, 1102-1108	6.7	81

30	Experimental investigation of FRP wrapped RC circular and square hollow columns 2009 ,		1
29	Dynamic analyses of adjacent buildings connected by fluid viscous dampers 2009 ,		4
28	The effect of helical pitch on the behaviour of helically confined HSC beams. <i>Construction and Building Materials</i> , 2008 , 22, 771-780	6.7	2
27	Bond of High Strength Concrete with High Strength Reinforcing Steel~!2008-07-24~!2008-10-28~!2008-11-26~!. <i>Open Civil Engineering Journal</i> , 2008 , 2, 143-147	0.8	38
26	Displacement Ductility of Helically Confined HSC Beams. <i>Open Construction and Building Technology Journal</i> , 2008 , 2, 270-279	1.1	6
25	Behaviour of FRP strengthened concrete columns under eccentric compression loading. <i>Composite Structures</i> , 2007 , 77, 92-96	5.3	117
24	The behaviour of FRP wrapped HSC columns under different eccentric loads. <i>Composite Structures</i> , 2007 , 78, 560-566	5.3	55
23	Using fibres to enhance the properties of concrete columns. <i>Construction and Building Materials</i> , 2007 , 21, 118-125	6.7	16
22	Effects of tensile reinforcement ratio and compressive strength on the behaviour of over-reinforced helically confined HSC beams. <i>Construction and Building Materials</i> , 2007 , 21, 269-276	6.7	27
21	Continuous bounded controllers for active control of structures. <i>Computers and Structures</i> , 2006 , 84, 798-807	4.5	6
20	Behaviour of FRP wrapped normal strength concrete columns under eccentric loading. <i>Composite Structures</i> , 2006 , 72, 503-511	5.3	125
19	Comparative study of eccentrically loaded FRP wrapped columns. <i>Composite Structures</i> , 2006 , 74, 127-135	5.3	70
18	The effect of surface profile, rock strength and pretension load on bending behaviour of fully grouted bolts. <i>Geotechnical and Geological Engineering</i> , 2006 , 24, 1203-1227	1.5	45
17	Helically reinforced HSC beams reinforced with high strength steel. <i>International Journal of Materials and Product Technology</i> , 2005 , 23, 138	1	3
16	Behaviour of high strength axially loaded concrete columns confined with helices. <i>Construction and Building Materials</i> , 2005 , 19, 135-140	6.7	6
15	Experimental testing of helically confined high-strength concrete beams. <i>Structural Concrete</i> , 2005 , 6, 43-48	2.6	
14	External reinforcement of high strength concrete columns. <i>Composite Structures</i> , 2004 , 65, 279-287	5.3	44
13	Use of helices for enhancing the properties of reinforced concrete beams. <i>International Journal of Materials and Product Technology</i> , 2003 , 19, 247	1	3

12	Neural networks applications in concrete structures. <i>Computers and Structures</i> , 2003 , 81, 373-381	4.5	75
11	Retrofitting of shear failed reinforced concrete beams. <i>Composite Structures</i> , 2003 , 62, 1-6	5.3	19
10	Behaviour of externally confined high-strength concrete columns under eccentric loading. <i>Composite Structures</i> , 2003 , 62, 145-153	5.3	90
9	Non-linear finite element analysis of flexible pavements. <i>Advances in Engineering Software</i> , 2003 , 34, 657-662	3.6	52
8	Optimum rigid pavement design by genetic algorithms. <i>Computers and Structures</i> , 2001 , 79, 1617-1624	4.5	13
7	Optimal direct (static) output feedback controller using real coded genetic algorithms. <i>Computers and Structures</i> , 2001 , 79, 1625-1634	4.5	31
6	Passive and active control of three-dimensional buildings. <i>Earthquake Engineering and Structural Dynamics</i> , 2000 , 29, 377-396	4	30
5	Hybrid Base Isolation-Passive Mass Damper Systems 2000 , 279		3
4	Optimum Design of Absorber for MDOF Structures. <i>Journal of Structural Engineering</i> , 1998 , 124, 1272-1280		157
3	The manipulation of engineering design calculations by a calculation processing system: Implementation. <i>Computers and Structures</i> , 1996 , 59, 191-193	4.5	
2	The manipulation of engineering design calculations by a calculation processing system: 1. Theory. <i>Computers and Structures</i> , 1995 , 57, 737-744	4.5	0
1	Influence of geogrid reinforcement on the thermal expansion of reactive powder concrete. <i>Proceedings of Institution of Civil Engineers: Construction Materials</i> , 1-12	0.8	