Ben Young

List of Publications by Year
in descending order

381 papers	13,941 citations	20815 60 h-index	46795 89 g-index
400 all docs	400 docs citations	400 times ranked	2330 citing authors

#	Article	IF	Citations
1	Behaviour of normal and high strength concrete-filled compact steel tube circular stub columns. Journal of Constructional Steel Research, 2006, 62, 706-715.	3.9	355
2	Behavior of High Strength Structural Steel at Elevated Temperatures. Journal of Structural Engineering, 2006, 132, 1948-1954.	3.4	269
3	The art of coupon tests. Journal of Constructional Steel Research, 2014, 96, 159-175.	3.9	259
4	Stressâ€“strain curves for stainless steel at elevated temperatures. Engineering Structures, 2006, 28, 229-239.	5.3	245
5	Experimental investigation of concrete-filled cold-formed high strength stainless steel tube columns. Journal of Constructional Steel Research, 2006, 62, 484-492.	3.9	207
6	Mechanical properties of pultruded carbon fibre-reinforced polymer (CFRP) plates at elevated temperatures. Engineering Structures, 2011, 33, 2154-2161.	5.3	165
7	Material properties and residual stresses of cold-formed high strength steel hollow sections. Journal of Constructional Steel Research, 2015, 109, 152-165.	3.9	151
8	Design and behaviour of concrete-filled cold-formed stainless steel tube columns. Engineering Structures, 2006, 28, 716-728.	5.3	148
9	Experimental investigation of cold-formed steel material at elevated temperatures. Thin-Walled Structures, 2007, 45, 96-110.	5.3	148
10	Behavior of Cold-Formed Steel Plain Angle Columns. Journal of Structural Engineering, 2005, 131, 457-466.	3.4	133
11	Experimental Investigation on Stub-Column Behavior of Cold-Formed High-Strength Steel Tubular Sections. Journal of Structural Engineering, 2016, 142, .	3.4	133
12	Behavior of Cold-Formed High Strength Stainless Steel Sections. Journal of Structural Engineering, 2005, 131, 1738-1745.	3.4	130
13	Material properties of cold-formed lean duplex stainless steel sections. Thin-Walled Structures, 2012, 54, 72-81.	5.3	121
14	Numerical simulation of concrete encased steel composite columns. Journal of Constructional Steel Research, 2011, 67, 211-222.	3.9	120
15	Design of Cold-Formed Steel Built-Up Closed Sections with Intermediate Stiffeners. Journal of Structural Engineering, 2008, 134, 727-737.	3.4	116
16	Compressive testing and numerical modelling of concrete-filled double skin CHS with austenitic stainless steel outer tubes. Thin-Walled Structures, 2019, 141, 345-359.	5.3	113
17	Structural performance of cold-formed high strength stainless steel columns. Journal of Constructional Steel Research, 2005, 61, 1631-1649.	3.9	112
18	Compression tests of cold-formed steel I-shaped open sections with edge and web stiffeners. Thin-Walled Structures, 2012, 52, 1-11.	5.3	112

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19	Design of Cold-Formed Channels Subjected to Web Crippling. Journal of Structural Engineering, 2001, 127, 1137-1144.	3.4	109
20	Behaviour of structural stainless steel cross-sections under combined loading â€“ Part I: Experimental study. Engineering Structures, 2015, 89, 236-246.	5.3	108
21	Nonlinear analysis of concrete-filled steel SHS and RHS columns. Thin-Walled Structures, 2006, 44, 919-930.	5.3	104
22	Numerical investigation and design of cold-formed steel built-up open section columns with longitudinal stiffeners. Thin-Walled Structures, 2015, 89, 178-191.	5.3	103
23	Buckling of stainless steel square hollow section compression members. Journal of Constructional Steel Research, 2003, 59, 165-177.	3.9	99
24	Performance of shear connection in composite beams with profiled steel sheeting. Journal of Constructional Steel Research, 2006, 62, 682-694.	3.9	97
25	The continuous strength method for the design of aluminium alloy structural elements. Engineering Structures, 2016, 122, 338-348.	5.3	94
26	Cold-formed steel sections with web openings subjected to web crippling under two-flange loading conditionsâ€”part I: Tests and finite element analysis. Thin-Walled Structures, 2012, 56, 38-48.	5.3	93
27	Structural performance of stainless steel circular hollow sections under combined axial load and bending â€“ Part 1: Experiments and numerical modelling. Thin-Walled Structures, 2016, 101, 231-239.	5.3	92
28	Non-linear behaviour and load-carrying capacity of CFRP-strengthened lipped channel steel columns. Engineering Structures, 2008, 30, 2613-2630.	5.3	88
29	Experimental and numerical investigation of cold-formed lean duplex stainless steel flexural members. Thin-Walled Structures, 2013, 73, 216-228.	5.3	88
30	Testing and Design of Aluminum Alloy Cross Sections in Compression. Journal of Structural Engineering, 2014, 140, .	3.4	87
31	Design of Lipped Channel Columns. Journal of Structural Engineering, 1998, 124, 140-148.	3.4	86
32	Tests of Fixed-Ended Plain Channel Columns. Journal of Structural Engineering, 1998, 124, 131-139.	3.4	85
33	Compression Tests of Stainless Steel Tubular Members. Journal of Structural Engineering, 2002, 128, 754-761.	3.4	84
34	Experimental Investigation of Cold-Formed Stainless Steel Columns. Journal of Structural Engineering, 2003, 129, 169-176.	3.4	84
35	Design of high strength steel columns at elevated temperatures. Journal of Constructional Steel Research, 2008, 64, 689-703.	3.9	84
36	Deformation-based design of aluminium alloy beams. Engineering Structures, 2014, 80, 339-349.	5.3	83

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37	Tests and Design of Fixed-Ended Cold-Formed Steel Plain Angle Columns. Journal of Structural Engineering, 2004, 130, 1931-1940.	3.4	81
38	Web crippling behaviour of cold-formed steel channel sections with offset web holes subjected to interior-two-flange loading. Thin-Walled Structures, 2012, 50, 76-86.	5.3	80
39	Material properties of cold-formed high strength steel at elevated temperatures. Thin-Walled Structures, 2017, 115, 289-299.	5.3	80
40	Behaviour of structural stainless steel cross-sections under combined loading â€“ Part II: Numerical modelling and design approach. Engineering Structures, 2015, 89, 247-259.	5.3	78
41	Experimental investigation of cold-formed steel built-up closed section columns with web stiffeners. Journal of Constructional Steel Research, 2018, 147, 380-392.	3.9	77
42	Finite element analysis and design of cold-formed steel built-up closed section columns with web stiffeners. Thin-Walled Structures, 2018, 131, 223-237.	5.3	77
43	Experimental investigation on cold-formed steel stiffened lipped channel columns undergoing local-distortional interaction. Thin-Walled Structures, 2020, 150, 106682.	5.3	76
44	Experimental investigation of cold-formed lean duplex stainless steel beam-columns. Thin-Walled Structures, 2014, 76, 105-117.	5.3	75
45	Testing and numerical modelling of austenitic stainless steel CHS beamâ€“columns. Engineering Structures, 2016, 111, 263-274.	5.3	75
46	Buckling of ferritic stainless steel members under combined axial compression and bending. Journal of Constructional Steel Research, 2016, 117, 35-48.	3.9	74
47	Material properties and structural behavior of cold-formed steel elliptical hollow section stub columns. Thin-Walled Structures, 2019, 134, 111-126.	5.3	69
48	Tests of cold-formed high strength stainless steel compression members. Thin-Walled Structures, 2006, 44, 224-234.	5.3	68
49	Beam-column tests of cold-formed steel elliptical hollow sections. Engineering Structures, 2020, 210, 109911.	5.3	68
50	Effect of web holes on web crippling strength of cold-formed steel channel sections under end-one-flange loading condition â€“ Part I: Tests and finite element analysis. Thin-Walled Structures, 2016, 107, 443-452.	5.3	66
51	Tests of concrete-filled stainless steel tubular T-joints. Journal of Constructional Steel Research, 2008, 64, 1283-1293.	3.9	65
52	Cold-formed steel sections with web openings subjected to web crippling under two-flange loading conditionsâ€”Part II: Parametric study and proposed design equations. Thin-Walled Structures, 2012, 56, 79-87.	5.3	64
53	Experimental investigation of cold-formed high strength steel tubular beams. Engineering Structures, 2016, 126, 200-209.	5.3	64
54	Experimental investigation on cold-formed steel lipped channel beams affected by local-distortional interaction under non-uniform bending. Thin-Walled Structures, 2021, 161, 107494.	5.3	63

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55	Cold-formed steel lipped channel columns at elevated temperatures. Engineering Structures, 2007, 29, 2445-2456.	5.3	62
56	Post-fire behaviour of ferritic stainless steel material. Construction and Building Materials, 2017, 157, 654-667.	7.2	62
57	Behaviour and design of cold-formed steel built-up section beams with different screw arrangements. Thin-Walled Structures, 2018, 131, 16-32.	5.3	62
58	Cold-Formed Stainless Steel Sections Subjected to Web Crippling. Journal of Structural Engineering, 2006, 132, 134-144.	3.4	61
59	Cold-Formed High-Strength Stainless Steel Tubular Sections Subjected to Web Crippling. Journal of Structural Engineering, 2007, 133, 368-377.	3.4	61
60	Experimental and numerical investigations of cold-formed stainless steel tubular sections subjected to concentrated bearing load. Journal of Constructional Steel Research, 2007, 63, 1452-1466.	3.9	61
61	Structural behavior of cold-formed stainless steel bolted connections. Thin-Walled Structures, 2014, 83, 147-156.	5.3	60
62	Tests of Cold-Formed Steel Semi-Oval Hollow Section Members under Eccentric Axial Load. Journal of Structural Engineering, 2020, 146, .	3.4	60
63	Beam-column design of cold-formed steel semi-oval hollow non-slender sections. Thin-Walled Structures, 2021, 162, 107376.	5.3	60
64	Tests of cold-formed stainless steel tubular flexural members. Thin-Walled Structures, 2005, 43, 1325-1337.	5.3	59
65	Effect of offset web holes on web crippling strength of cold-formed steel channel sections under end-two-flange loading condition. Thin-Walled Structures, 2013, 65, 34-48.	5.3	59
66	Cold-Formed Steel Lipped Channel Columns Influenced by Local-Distortional Interaction: Strength and DSM Design. Journal of Structural Engineering, 2013, 139, 1059-1074.	3.4	59
67	Design of cold-formed steel channels with stiffened webs subjected to bending. Thin-Walled Structures, 2014, 85, 81-92.	5.3	59
68	Testing and numerical modelling of S960 ultra-high strength steel angle and channel section stub columns. Engineering Structures, 2020, 204, 109902.	5.3	59
69	Behaviour of concrete-filled stainless steel tubular X-joints subjected to compression. Thin-Walled Structures, 2009, 47, 365-374.	5.3	58
70	Design of Aluminum Alloy Flexural Members Using Direct Strength Method. Journal of Structural Engineering, 2009, 135, 558-566.	3.4	58
71	Experimental investigation of aluminum alloy circular hollow section columns. Engineering Structures, 2006, 28, 207-215.	5.3	57
72	Web crippling of aluminium tubes with perforated webs. Engineering Structures, 2010, 32, 1397-1410.	5.3	57

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73	Column Tests of Cold-Formed Steel Channels with Complex Stiffeners. Journal of Structural Engineering, 2002, 128, 737-745.	3.4	56
74	Buckling Analysis of Cold-Formed Steel Lipped Angle Columns. Journal of Structural Engineering, 2005, 131, 1570-1579.	3.4	56
75	Tests and Design of Aluminum Alloy Compression Members. Journal of Structural Engineering, 2006, 132, 1096-1107.	3.4	56
76	Experimental Study of Square and Rectangular CFDST Sections with Stainless Steel Outer Tubes under Axial Compression. Journal of Structural Engineering, 2019, 145, .	3.4	56
77	Fire resistance of concrete-filled high strength steel tubular columns. Thin-Walled Structures, 2013, 71, 46-56.	5.3	55
78	Tests of pin-ended cold-formed lean duplex stainless steel columns. Journal of Constructional Steel Research, 2013, 82, 203-215.	3.9	55
79	Tests of concrete-filled aluminum stub columns. Thin-Walled Structures, 2008, 46, 573-583.	5.3	54
80	Concrete-filled aluminum circular hollow section column tests. Thin-Walled Structures, 2009, 47, 1272-1280.	5.3	54
81	Beam tests of cold-formed steel built-up sections with web perforations. Journal of Constructional Steel Research, 2015, 115, 18-33.	3.9	54
82	The continuous strength method for the design of high strength steel tubular sections in compression. Engineering Structures, 2018, 162, 177-187.	5.3	54
83	Material properties and residual stresses of octagonal high strength steel hollow sections. Journal of Constructional Steel Research, 2018, 148, 479-490.	3.9	54
84	Structural performance of cold-formed lean duplex stainless steel columns. Thin-Walled Structures, 2014, 83, 59-69.	5.3	53
85	Cross-sectional behavior of cold-formed steel semi-oval hollow sections. Engineering Structures, 2018, 177, 318-330.	5.3	53
86	Mechanical properties and cross-sectional behavior of additively manufactured high strength steel tubular sections. Thin-Walled Structures, 2019, 144, 106158.	5.3	53
87	Tests of cold-formed normal and high strength steel tubes under tension. Thin-Walled Structures, 2020, 153, 106844.	5.3	52
88	Numerical analysis and design of cold-formed steel elliptical hollow sections under combined compression and bending. Engineering Structures, 2021, 241, 112417.	5.3	52
89	Cross-section classification for cold-formed and built-up high strength carbon and stainless steel tubes under compression. Journal of Constructional Steel Research, 2015, 106, 289-295.	3.9	51
90	Design of cold-formed high strength steel tubular beams. Engineering Structures, 2017, 151, 432-443.	5.3	51

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91	Numerical investigation and design of aluminum alloy circular hollow section columns. Thin-Walled Structures, 2008, 46, 1437-1449.	5.3	50
92	Cold-formed ferritic stainless steel tubular structural members subjected to concentrated bearing loads. Engineering Structures, 2017, 145, 392-405.	5.3	50
93	Experimental and Numerical Studies of Ferritic Stainless Steel Tubular Cross Sections under Combined Compression and Bending. Journal of Structural Engineering, 2016, 142, .	3.4	49
94	Web crippling behaviour of cold-formed steel channel sections with web holes subjected to interior-one-flange loading condition-Part I: Experimental and numerical investigation. Thin-Walled Structures, 2017, 111, 103-112.	5.3	49
95	Design of Cold-Formed High-Strength Steel Tubular Stub Columns. Journal of Structural Engineering, 2018, 144, .	3.4	49
96	Residual mechanical properties of high strength steels after exposure to fire. Journal of Constructional Steel Research, 2018, 148, 562-571.	3.9	49
97	Material properties of normal and high strength aluminium alloys at elevated temperatures. Thin-Walled Structures, 2019, 137, 463-471.	5.3	49
98	Behavior of cold-formed steel elliptical hollow sections subjected to bending. Journal of Constructional Steel Research, 2019, 158, 317-330.	3.9	48
99	CFDST sections with square stainless steel outer tubes under axial compression: Experimental investigation, numerical modelling and design. Engineering Structures, 2020, 207, 110189.	5.3	48
100	Shift of Effective Centroid of Channel Columns. Journal of Structural Engineering, 1999, 125, 524-531.	3.4	47
101	Tests of X- and K-Joints in SHS Stainless Steel Tubes. Journal of Structural Engineering, 2001, 127, 1173-1182.	3.4	47
102	Aluminum alloy tubular columnsâ€"Part II: Parametric study and design using direct strength method. Thin-Walled Structures, 2006, 44, 969-985.	5.3	47
103	Localâ€"distortional interaction in cold-formed steel rack-section columns. Thin-Walled Structures, 2014, 81, 185-194.	5.3	47
104	Behaviour and design of stainless steel SHS and RHS beam-columns. Thin-Walled Structures, 2016, 106, 330-345.	5.3	46
105	Tests of cold-formed high strength steel tubular T-joints. Thin-Walled Structures, 2019, 143, 106200.	5.3	46
106	Tensile Tests of Cold-Formed Stainless Steel Tubes. Journal of Structural Engineering, 2020, 146, .	3.4	46
107	Mechanical properties of cold-formed steel semi-oval hollow sections after exposure to ISO-834 fire. Thin-Walled Structures, 2021, 167, 108202.	5.3	46
108	Design of cold-formed steel oval hollow section columns. Journal of Constructional Steel Research, 2012, 71, 26-37.	3.9	45

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109	Behavior of cold-formed stainless steel single shear bolted connections at elevated temperatures. Thin-Walled Structures, 2014, 75, 63-75.	5.3	45
110	Flexural behaviour and strengths of press-braked S960 ultra-high strength steel channel section beams. Engineering Structures, 2019, 200, 109735.	5.3	45
111	Post-fire residual material properties of cold-formed steel elliptical hollow sections. Journal of Constructional Steel Research, 2021, 183, 106723.	3.9	45
112	Eccentrically loaded concrete encased steel composite columns. Thin-Walled Structures, 2011, 49, 53-65.	5.3	44
113	Stressâ€“strain relationship of cold-formed lean duplex stainless steel at elevated temperatures. Journal of Constructional Steel Research, 2014, 92, 103-113.	3.9	44
114	Effect of web holes on web crippling strength of cold-formed steel channel sections under end-one-flange loading condition - Part II: Parametric study and proposed design equations. Thin-Walled Structures, 2016, 107, 489-501.	5.3	44
115	Design of cold-formed steel built-up sections with web perforations subjected to bending. Thin-Walled Structures, 2017, 120, 458-469.	5.3	44
116	Experimental and numerical investigation on cold-formed steel semi-oval hollow section compression members. Journal of Constructional Steel Research, 2018, 151, 174-184.	3.9	44
117	Compression capacities of cold-formed high strength steel tubular T-joints. Journal of Constructional Steel Research, 2019, 162, 105650.	3.9	44
118	Uniformly bent CFS lipped channel beams experiencing local-distortional interaction: Experimental investigation. Journal of Constructional Steel Research, 2020, 170, 106098.	3.9	44
119	Behaviour of cold-formed singly symmetric columns. Thin-Walled Structures, 1999, 33, 83-102.	5.3	43
120	Cold-Formed-Steel Oval Hollow Sections under Axial Compression. Journal of Structural Engineering, 2011, 137, 719-727.	3.4	43
121	Behavior of Cold-Formed Steel Built-Up Sections with Intermediate Stiffeners under Bending. I: Tests and Numerical Validation. Journal of Structural Engineering, 2016, 142, .	3.4	43
122	Experimental and numerical investigation on cold-formed steel built-up section pin-ended columns. Thin-Walled Structures, 2022, 170, 108444.	5.3	43
123	Finite element analysis and design of fixed-ended plain channel columns. Finite Elements in Analysis and Design, 2002, 38, 549-566.	3.2	42
124	Design of cold-formed stainless steel tubular T- and X-joints. Journal of Constructional Steel Research, 2011, 67, 421-436.	3.9	42
125	Structural performance of stainless steel circular hollow sections under combined axial load and bending â€“ Part 2: Parametric studies and design. Thin-Walled Structures, 2016, 101, 240-248.	5.3	42
126	Cross-sectional capacity of octagonal tubular steel stub columns under uniaxial compression. Engineering Structures, 2019, 184, 480-494.	5.3	42

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127	Structural performance of cold-formed steel elliptical hollow section pin-ended columns. Thin-Walled Structures, 2019, 136, 267-279.	5.3	42
128	Design of cold-formed steel unequal angle compression members. Thin-Walled Structures, 2007, 45, 330-338.	5.3	41
129	Cold-formed high strength steel SHS and RHS beams at elevated temperatures. Journal of Constructional Steel Research, 2019, 158, 475-485.	3.9	41
130	Experimental Investigation of Cold-Formed Steel Lipped Angle Concentrically Loaded Compression Members. Journal of Structural Engineering, 2005, 131, 1390-1396.	3.4	40
131	Aluminum alloy tubular columnsâ€"Part I: Finite element modeling and test verification. Thin-Walled Structures, 2006, 44, 961-968.	5.3	40
132	Finite-Element Simulation and Design of Cold-Formed Steel Channels Subjected to Web Crippling. Journal of Structural Engineering, 2006, 132, 1967-1975.	3.4	40
133	Aluminum tubular sections subjected to web cripplingâ€"Part I:. Thin-Walled Structures, 2008, 46, 339-351.	5.3	40
134	Stress concentration factors of cold-formed stainless steel tubular X-joints. Journal of Constructional Steel Research, 2013, 91, 26-41.	3.9	40
135	Structural behavior of cold-formed steel semi-oval hollow section beams. Engineering Structures, 2019, 185, 400-411.	5.3	40
136	Experimental investigation of cold-formed stainless steel tubular T-joints. Thin-Walled Structures, 2008, 46, 1129-1142.	5.3	39
137	Performance of axially restrained concrete encased steel composite columns at elevated temperatures. Engineering Structures, 2011, 33, 245-254.	5.3	39
138	Design of cold-formed stainless steel tubular joints at elevated temperatures. Engineering Structures, 2012, 35, 188-202.	5.3	39
139	Screwed connections of thin sheet steels at elevated temperatures â€“ Part I: Steady state tests. Engineering Structures, 2012, 35, 234-243.	5.3	39
140	Numerical analysis and design of concrete-filled aluminum circular hollow section columns. Thin-Walled Structures, 2012, 50, 45-55.	5.3	39
141	Tests of cold-formed duplex stainless steel SHS beamâ€"columns. Engineering Structures, 2014, 74, 111-121.	5.3	39
142	Structural performance of cold-formed high strength steel tubular columns. Engineering Structures, 2018, 177, 473-488.	5.3	39
143	Web crippling behaviour of cold-formed steel channel sections with web holes subjected to interior-one-flange loading condition â€“ Part II: parametric study and proposed design equations. Thin-Walled Structures, 2017, 114, 92-106.	5.3	38
144	Web crippling of cold-formed ferritic stainless steel square and rectangular hollow sections. Engineering Structures, 2018, 176, 968-980.	5.3	38

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145	Compressive behaviour and design of CFDST cross-sections with stainless steel outer tubes. Journal of Constructional Steel Research, 2020, 170, 105942.	3.9	38
146	Corner properties of cold-formed steel sections at elevated temperatures. Thin-Walled Structures, 2006, 44, 216-223.	5.3	37
147	Theoretical analysis of cold-formed stainless steel tubular joints. Engineering Structures, 2015, 83, 99-115.	5.3	37
148	Experimental Study of Ferritic Stainless Steel Tubular Beam-Column Members Subjected to Unequal End Moments. Journal of Structural Engineering, 2016, 142, .	3.4	37
149	Design of cold-formed high strength steel tubular sections undergoing web crippling. Thin-Walled Structures, 2018, 133, 192-205.	5.3	37
150	Channel Columns Undergoing Local, Distortional, and Overall Buckling. Journal of Structural Engineering, 2002, 128, 728-736.	3.4	36
151	Behavior of Cold-Formed Steel Built-Up Sections with Intermediate Stiffeners under Bending. II: Parametric Study and Design. Journal of Structural Engineering, 2016, 142, .	3.4	36
152	Tests of cold-formed high strength steel tubular sections undergoing web crippling. Engineering Structures, 2017, 141, 571-583.	5.3	36
153	Structural performance of cold-formed high strength steel tubular X-Joints under brace axial compression. Engineering Structures, 2020, 208, 109768.	5.3	36
154	Compression Tests of Channels with Inclined Simple Edge Stiffeners. Journal of Structural Engineering, 2003, 129, 1403-1411.	3.4	35
155	Experimental and numerical investigation of high strength stainless steel structures. Journal of Constructional Steel Research, 2008, 64, 1225-1230.	3.9	35
156	Web crippling behaviour of cold-formed duplex stainless steel tubular sections at elevated temperatures. Engineering Structures, 2013, 57, 51-62.	5.3	35
157	Tests and behaviour of cold-formed stainless steel tubular X-joints. Thin-Walled Structures, 2010, 48, 921-934.	5.3	34
158	Experimental Investigation of Aluminum Alloy Stub Columns with Circular Openings. Journal of Structural Engineering, 2015, 141, .	3.4	34
159	Review: Interactive behaviour, failure and DSM design of cold-formed steel members prone to distortional buckling. Thin-Walled Structures, 2018, 128, 12-42.	5.3	34
160	Design of cold-formed high strength steel tubular T-joints under compression loads. Thin-Walled Structures, 2021, 164, 107573.	5.3	34
161	Column design of cold-formed stainless steel slender circular hollow sections. Steel and Composite Structures, 2006, 6, 285-302.	1.3	34
162	Column tests of cold-formed steel non-symmetric lipped angle sections. Journal of Constructional Steel Research, 2008, 64, 808-815.	3.9	33

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163	Behavior of Octagonal High-Strength Steel Tubular Stub Columns. Journal of Structural Engineering, 2019, 145, .	3.4	33
164	Behavior and design of cold-formed and hot-finished steel elliptical tubular stub columns. Journal of Constructional Steel Research, 2019, 156, 252-265.	3.9	33
165	Experimental Investigation of Aluminum Alloy Thin-Walled Tubular Members in Combined Compression and Bending. Journal of Structural Engineering, 2006, 132, 1955-1966.	3.4	32
166	Effects of elevated temperatures on bolted moment-connections between cold-formed steel members. Engineering Structures, 2007, 29, 2419-2427.	5.3	32
167	Bearing factors of cold-formed stainless steel double shear bolted connections at elevated temperatures. Thin-Walled Structures, 2016, 98, 212-229.	5.3	32
168	Tests on high-strength steel hollow sections: a review. Proceedings of the Institution of Civil Engineers: Structures and Buildings, 2017, 170, 621-630.	0.8	32
169	Behaviour of concrete-filled cold-formed high strength steel circular stub columns. Thin-Walled Structures, 2020, 157, 107078.	5.3	32
170	Effects of edge-stiffened circular holes on the web crippling strength of cold-formed steel channel sections under one-flange loading conditions. Engineering Structures, 2017, 139, 96-107.	5.3	31
171	Cold-formed high strength steel tubular beam-columns. Engineering Structures, 2021, 230, 111618.	5.3	31
172	Analysis and design of cold-formed steel channels subjected to combined bending and web crippling. Thin-Walled Structures, 2006, 44, 314-320.	5.3	30
173	Performance of cold-formed stainless steel tubular columns at elevated temperatures. Engineering Structures, 2008, 30, 2012-2021.	5.3	30
174	High temperature tests of cold-formed stainless steel double shear bolted connections. Journal of Constructional Steel Research, 2015, 104, 49-63.	3.9	30
175	Mechanical properties of lean duplex stainless steel at post-fire condition. Thin-Walled Structures, 2018, 130, 564-576.	5.3	30
176	The continuous strength method for the design of high strength steel tubular sections in bending. Journal of Constructional Steel Research, 2019, 160, 499-509.	3.9	30
177	Aluminum alloy circular hollow section beam-columns. Thin-Walled Structures, 2006, 44, 131-140.	5.3	29
178	Effects of transverse welds on aluminum alloy columns. Thin-Walled Structures, 2007, 45, 321-329.	5.3	29
179	Cold-formed high strength stainless steel cross-sections in compression considering interaction effects of constituent plate elements. Journal of Constructional Steel Research, 2013, 80, 32-41.	3.9	29
180	Structural performance of cold-formed lean duplex stainless steel beams at elevated temperatures. Thin-Walled Structures, 2018, 129, 20-27.	5.3	29

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181	Concrete-filled double-skin aluminum circular hollow section stub columns. Thin-Walled Structures, 2018, 133, 141-152.	5.3	29
182	Experimental and numerical investigation of concrete-filled hot-finished and cold-formed steel elliptical tubular stub columns. Thin-Walled Structures, 2019, 145, 106437.	5.3	29
183	Investigation of concrete encased steel composite columns at elevated temperatures. Thin-Walled Structures, 2010, 48, 597-608.	5.3	28
184	Flexural response of aluminium alloy SHS and RHS with internal stiffeners. Engineering Structures, 2016, 121, 170-180.	5.3	28
185	Yield line mechanism analysis on web crippling of cold-formed stainless steel tubular sections under two-flange loading. Engineering Structures, 2006, 28, 880-892.	5.3	27
186	Experimental Investigation of Cold-Formed High-Strength Stainless Steel Tubular Members Subjected to Combined Bending and Web Crippling. Journal of Structural Engineering, 2007, 133, 1027-1034.	3.4	27
187	Behaviour of aluminium alloy plain and lipped channel columns. Thin-Walled Structures, 2019, 135, 306-316.	5.3	27
188	Structural performance of concrete-filled cold-formed high-strength steel octagonal tubular stub columns. Engineering Structures, 2021, 239, 112360.	5.3	27
189	Bifurcation of singly symmetric columns. Thin-Walled Structures, 1997, 28, 155-177.	5.3	26
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