Lin-Hai Han

List of Publications by Year
in descending order

243	17,066	10956	19690
papers	citations	71 h-index	117 g-index

245	245	245	2244
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Developments and advanced applications of concrete-filled steel tubular (CFST) structures: Members. Journal of Constructional Steel Research, 2014, 100, 211-228.	1.7	1,060
2	Performance of concrete-filled thin-walled steel tubes under pure torsion. Thin-Walled Structures, 2007, 45, 24-36.	2.7	832
3	Tests and calculations for hollow structural steel (HSS) stub columns filled with self-consolidating concrete (SCC). Journal of Constructional Steel Research, 2005, 61, 1241-1269.	1.7	429
4	Behaviour of concrete-filled double skin (CHS inner and CHS outer) steel tubular stub columns and beam-columns. Journal of Constructional Steel Research, 2004, 60, 1129-1158.	1.7	336
5	Behaviour of short and slender concrete-filled stainless steel tubular columns. Journal of Constructional Steel Research, 2011, 67, 360-378.	1.7	332
6	Flexural behaviour of concrete-filled steel tubes. Journal of Constructional Steel Research, 2004, 60, 313-337.	1.7	253
7	Tests and mechanics model for concrete-filled SHS stub columns, columns and beam-columns. Steel and Composite Structures, 2001, 1, 51-74.	1.3	242
8	Analysis and design of concrete-filled stiffened thin-walled steel tubular columns under axial compression. Thin-Walled Structures, 2009, 47, 1544-1556.	2.7	240
9	Experimental behaviour of stiffened concrete-filled thin-walled hollow steel structural (HSS) stub columns. Journal of Constructional Steel Research, 2005, 61, 962-983.	1.7	223
10	Experimental behaviour of recycled aggregate concrete filled steel tubular columns. Journal of Constructional Steel Research, 2006, 62, 1310-1324.	1.7	208
11	Behavior of concrete filled steel tubular (CFST) members under lateral impact: Experiment and FEA model. Journal of Constructional Steel Research, 2013, 80, 188-201.	1.7	207
12	Analytical behaviour of concrete-filled double skin steel tubular (CFDST) stub columns. Journal of Constructional Steel Research, 2010, 66, 542-555.	1.7	204
13	Strength, stiffness and ductility of concrete-filled steel columns under axial compression. Engineering Structures, 2017, 135, 209-221.	2.6	196
14	Nonlinear analysis of concrete-filled square stainless steel stub columns under axial compression. Journal of Constructional Steel Research, 2011, 67, 1719-1732.	1.7	194
15	Concrete-filled double skin steel tubular (CFDST) beamâ€“columns subjected to cyclic bending. Engineering Structures, 2006, 28, 1698-1714.	2.6	193
16	Concrete-filled double skin (SHS outer and CHS inner) steel tubular beam-columns. Thin-Walled Structures, 2004, 42, 1329-1355.	2.7	192
17	Axial Loading Behavior of CFRP Strengthened Concrete-Filled Steel Tubular Stub Columns. Advances in Structural Engineering, 2007, 10, 37-46.	1.2	182
18	Performance of concrete-encased CFST stub columns under axial compression. Journal of Constructional Steel Research, 2014, 93, 62-76.	1.7	179

#	Article	IF	Citations
19	Bond behavior in concrete-filled steel tubes. Journal of Constructional Steel Research, 2016, 120, 81-93.	1.7	171
20	Behaviour of high-strength concrete filled steel tubes under transverse impact loading. Journal of Constructional Steel Research, 2014, 92, 25-39.	1.7	168
21	Experimental behaviour of thin-walled hollow structural steel (HSS) columns filled with self-consolidating concrete (SCC). Thin-Walled Structures, 2004, 42, 1357-1377.	2.7	164
22	Strength and ductility of stiffened thin-walled hollow steel structural stub columns filled with concrete. Thin-Walled Structures, 2008, 46, 1113-1128.	2.7	160
23	Behaviour of concrete-filled double skin rectangular steel tubular beamâ€“columns. Journal of Constructional Steel Research, 2006, 62, 631-646.	1.7	151
24	Tests on stub stainless steelâ€“concreteâ€“carbon steel double-skin tubular (DST) columns. Journal of Constructional Steel Research, 2011, 67, 437-452.	1.7	149
25	Double skin composite construction. Structural Control and Health Monitoring, 2006, 8, 93-102.	0.7	141
26	Experimental Study and Calculation of Fire Resistance of Concrete-Filled Hollow Steel Columns. Journal of Structural Engineering, 2003, 129, 346-356.	1.7	140
27	Further study on the flexural behaviour of concrete-filled steel tubes. Journal of Constructional Steel Research, 2006, 62, 554-565.	1.7	135
28	Experimental behaviour of concrete-filled stiffened thin-walled steel tubular columns. Thin-Walled Structures, 2007, 45, 517-527.	2.7	134
29	Performance and calculations of concrete filled steel tubes (CFST) under axial tension. Journal of Constructional Steel Research, 2011, 67, 1699-1709.	1.7	132
30	An experimental study and calculation on the fire resistance of concrete-filled SHS and RHS columns. Journal of Constructional Steel Research, 2003, 59, 427-452.	1.7	124
31	Effects of heating and loading histories on post-fire cooling behaviour of concrete-filled steel tubular columns. Journal of Constructional Steel Research, 2008, 64, 556-570.	1.7	117
32	Concrete-Filled Hollow Structural Steel Columns after Exposure to ISO-834 Fire Standard. Journal of Structural Engineering, 2003, 129, 68-78.	1.7	113
33	Seismic performance of CFST column to steel beam joint with RC slab: Experiments. Journal of Constructional Steel Research, 2010, 66, 1374-1386.	1.7	111
34	Behaviour of flush end plate joints to concrete-filled steel tubular columns. Journal of Constructional Steel Research, 2009, 65, 925-939.	1.7	109
35	Fire performance of self-consolidating concrete filled double skin steel tubular columns: Experiments. Fire Safety Journal, 2010, 45, 106-115.	1.4	109
36	Analytical behavior of CFDST stub columns with external stainless steel tubes under axial compression. Thin-Walled Structures, 2018, 127, 756-768.	2.7	107

#	ARTICLE	IF	CITATIONS
37	Performance of concrete filled stainless steel tubular (CFSST) columns and joints: Summary of recent research. Journal of Constructional Steel Research, 2019, 152, 117-131.	1.7	107
38	Analytical behaviour of concrete-filled double skin steel tubular (CFDST) beam-columns under cyclic loading. Thin-Walled Structures, 2009, 47, 668-680.	2.7	106
39	Square concrete filled steel tubular (CFST) members under loading and chloride corrosion: Experiments. Journal of Constructional Steel Research, 2012, 71, 11-25.	1.7	104
40	Concrete-filled double skin steel tubular (CFDST) columns subjected to long-term sustained loading. Thin-Walled Structures, 2011, 49, 1534-1543.	2.7	103
41	Behaviour of tapered concrete-filled double skin steel tubular (CFDST) stub columns. Thin-Walled Structures, 2012, 57, 37-48.	2.7	103
42	Cyclic performance of concrete-filled steel CHS columns under flexural loading. Journal of Constructional Steel Research, 2005, 61, 423-452.	1.7	100
43	Seismic performance of CFST column to steel beam joints with RC slab: Analysis. Journal of Constructional Steel Research, 2011, 67, 127-139.	1.7	100
44	Analytical behavior of circular concrete-filled thin-walled steel tubes subjected to bending. Thin-Walled Structures, 2009, 47, 346-358.	2.7	98
45	Behavior of CFST short column and beam with initial concrete imperfection: Experiments. Journal of Constructional Steel Research, 2011, 67, 1922-1935.	1.7	97
46	Fire performance of concrete filled stainless steel tubular columns. Engineering Structures, 2013, 56, 165-181.	2.6	97
47	Compressive and flexural behaviour of recycled aggregate concrete filled steel tubes (RACFST) under short-term loadings. Steel and Composite Structures, 2006, 6, 257-284.	1.3	97
48	Concrete filled steel tube stub columns under combined temperature and loading. Journal of Constructional Steel Research, 2010, 66, 369-384.	1.7	96
49	Behaviour of steel beam to concrete-filled SHS column frames: Finite element model and verifications. Engineering Structures, 2008, 30, 1647-1658.	2.6	93
50	Behaviour of concrete-encased CFST columns under combined compression and bending. Journal of Constructional Steel Research, 2014, 101, 314-330.	1.7	93
51	Axial strength of concrete-filled double skin steel tubular (CFDST) columns with preload on steel tubes. Thin-Walled Structures, 2012, 56, 9-20.	2.7	92
52	Post-fire bond between the steel tube and concrete in concrete-filled steel tubular columns. Journal of Constructional Steel Research, 2011, 67, 484-496.	1.7	91
53	Behavior of circular CFST stub columns under sustained load and chloride corrosion. Journal of Constructional Steel Research, 2014, 103, 23-36.	1.7	91
54	Effects of Sustained Load on Concrete-Filled Hollow Structural Steel Columns. Journal of Structural Engineering, 2004, 130, 1392-1404.	1.7	89

#	ARTICLE	IF	CITATIONS
55	Compressive and flexural behaviour of CFRP-repaired concrete-filled steel tubes after exposure to fire. Journal of Constructional Steel Research, 2007, 63, 1116-1126.	1.7	88
56	Behaviour of fire-exposed concrete-filled steel tubular beam columns repaired with CFRP wraps. Thin-Walled Structures, 2007, 45, 63-76.	2.7	88
57	Behaviour of composite joints with concrete encased CFST columns under cyclic loading: Experiments. Engineering Structures, 2014, 59, 745-764.	2.6	88
58	Behaviour of concrete-filled steel tubular stub columns subjected to axially local compression. Journal of Constructional Steel Research, 2008, 64, 377-387.	1.7	84
59	Testing of self-consolidating concrete-filled double skin tubular stub columns exposed to fire. Journal of Constructional Steel Research, 2010, 66, 1069-1080.	1.7	83
60	Tests on cyclic performance of FRPâ€“concreteâ€“steel double-skin tubular columns. Thin-Walled Structures, 2010, 48, 430-439.	2.7	83
61	Experiments on special-shaped CFST stub columns under axial compression. Journal of Constructional Steel Research, 2014, 98, 123-133.	1.7	83
62	Behaviour of inclined, tapered and STS square CFST stub columns subjected to axial load. Thin-Walled Structures, 2012, 54, 94-105.	2.7	82
63	Performance of concrete filled steel tube reinforced concrete columns subjected to cyclic bending. Journal of Constructional Steel Research, 2009, 65, 1607-1616.	1.7	81
64	Concrete filled steel tube (CFST) columns subjected to concentrically partial compression. Thin-Walled Structures, 2012, 50, 147-156.	2.7	79
65	Fire performance of concrete filled steel tubular beam-columns. Journal of Constructional Steel Research, 2001, 57, 697-711.	1.7	78
66	Flexural behavior of circular concrete filled steel tubes (CFST) under sustained load and chloride corrosion. Thin-Walled Structures, 2016, 107, 182-196.	2.7	78
67	Influence of concrete compaction on the strength of concrete-filled steel RHS columns. Journal of Constructional Steel Research, 2003, 59, 751-767.	1.7	77
68	Compressive and flexural behaviour of concrete filled steel tubes after exposure to standard fire. Journal of Constructional Steel Research, 2005, 61, 882-901.	1.7	77
69	Fire behaviour of high strength self-consolidating concrete filled steel tubular stub columns. Journal of Constructional Steel Research, 2009, 65, 1995-2010.	1.7	75
70	Analytical behavior of carbon steel-concrete-stainless steel double-skin tube (DST) used in submarine pipeline structure. Marine Structures, 2019, 63, 99-116.	1.6	75
71	Investigation on bond strength between recycled aggregate concrete (RAC) and steel tube in RAC-filled steel tubes. Journal of Constructional Steel Research, 2019, 155, 438-459.	1.7	74
72	Experimental behaviours of steel tube confined concrete (STCC) columns. Steel and Composite Structures, 2005, 5, 459-484.	1.3	74

#	ARTICLE	IF	CITATIONS
73	Hysteretic behaviour of flush end plate joints to concrete-filled steel tubular columns. Journal of Constructional Steel Research, 2009, 65, 1644-1663.	1.7	73
74	Experimental Performance of Recycled Aggregate Concrete-Filled Circular Steel Tubular Columns Subjected to Cyclic Flexural Loadings. Advances in Structural Engineering, 2009, 12, 183-194.	1.2	70
75	FE modelling and fire resistance design of concrete filled double skin tubular columns. Journal of Constructional Steel Research, 2011, 67, 1733-1748.	1.7	70
76	Investigation on concrete filled double skin steel tubes (CFDSTs) under pure torsion. Journal of Constructional Steel Research, 2013, 90, 221-234.	1.7	70
77	Analytical behavior of concrete filled double steel tubular (CFDST) members under lateral impact. Thin-Walled Structures, 2016, 101, 129-140.	2.7	69
78	Behaviour of concrete-filled hollow structural steel (HSS) columns with pre-load on the steel tubes. Journal of Constructional Steel Research, 2003, 59, 1455-1475.	1.7	68
79	Behaviour of concrete filled steel tubular (CFST) stub columns under eccentric partial compression. Thin-Walled Structures, 2011, 49, 379-395.	2.7	68
80	Full-range analysis on square CFST stub columns and beams under loading and chloride corrosion. Thin-Walled Structures, 2013, 68, 50-64.	2.7	68
81	Behaviour of CFST stub columns with initial concrete imperfection: Analysis and calculations. Thin-Walled Structures, 2013, 70, 57-69.	2.7	67
82	Experimental and numerical investigation of concrete-filled stainless steel columns exposed to fire. Journal of Constructional Steel Research, 2016, 118, 120-134.	1.7	66
83	Analytical behavior of concrete-encased CFST columns under cyclic lateral loading. Journal of Constructional Steel Research, 2016, 120, 206-220.	1.7	66
84	Experimental behaviour of thin-walled steel tube confined concrete column to RC beam joints under cyclic loading. Thin-Walled Structures, 2009, 47, 847-857.	2.7	65
85	Numerical investigation on the performance of concrete-filled double-skin steel tubular members under tension. Thin-Walled Structures, 2014, 79, 108-118.	2.7	64
86	Seismic behaviour of circular CFST columns and RC shear wall mixed structures: Experiments. Journal of Constructional Steel Research, 2009, 65, 1582-1596.	1.7	62
87	Seismic performance of concrete-encased column base for hexagonal concrete-filled steel tube: experimental study. Journal of Constructional Steel Research, 2016, 121, 352-369.	1.7	62
88	Experimental study on blind bolted connections to concrete-filled stainless steel columns. Journal of Constructional Steel Research, 2017, 128, 825-838.	1.7	62
89	Experimental behaviour of partially loaded concrete filled double-skin steel tube (CFDST) sections. Journal of Constructional Steel Research, 2012, 71, 63-73.	1.7	61
90	Concrete-filled circular steel tubes subjected to local bearing force: Experiments. Journal of Constructional Steel Research, 2013, 83, 90-104.	1.7	61

#	Article	IF	Citations
91	Tests on elliptical concrete filled steel tubular (CFST) beams and columns. Journal of Constructional Steel Research, 2014, 99, 149-160.	1.7	61
92	Experimental behaviour of steel reduced beam section to concrete-filled circular hollow section column connections. Journal of Constructional Steel Research, 2008, 64, 493-504.	1.7	60
93	Stressâ€“strain model of austenitic stainless steel after exposure to elevated temperatures. Journal of Constructional Steel Research, 2014, 99, 129-139.	1.7	60
94	Experimental behavior of concrete filled double steel tubular (CFDST) members under low velocity drop weight impact. Thin-Walled Structures, 2015, 97, 279-295.	2.7	60
95	Analytical behavior of special-shaped CFST stub columns under axial compression. Thin-Walled Structures, 2018, 129, 404-417.	2.7	60
96	Behaviors of concrete-filled steel tubular members subjected to combined loading. Thin-Walled Structures, 2007, 45, 600-619.	2.7	59
97	Tensile behaviour of concrete-filled double-skin steel tubular members. Journal of Constructional Steel Research, 2014, 99, 35-46.	1.7	59
98	Effects of Core Concrete Initial Imperfection on Performance of Eccentrically Loaded CFST Columns. Journal of Structural Engineering, 2016, 142, .	1.7	59
99	Cyclic behaviour of novel blind bolted joints with different stiffening elements. Thin-Walled Structures, 2016, 101, 157-168.	2.7	59
100	Performance of circular CFST column to steel beam frames under lateral cyclic loading. Journal of Constructional Steel Research, 2011, 67, 876-890.	1.7	57
101	Flexural performance of rectangular CFST members. Thin-Walled Structures, 2014, 79, 154-165.	2.7	57
102	Performance of hexagonal CFST members under axial compression and bending. Journal of Constructional Steel Research, 2016, 123, 162-175.	1.7	57
103	Life-cycle performance of deteriorated concrete-filled steel tubular (CFST) structures subject to lateral impact. Thin-Walled Structures, 2018, 132, 362-374.	2.7	57
104	Residual strength of concrete-filled RHS columns after exposure to the ISO-834 standard fire. Thin-Walled Structures, 2002, 40, 991-1012.	2.7	55
105	Experiments on rectangular concrete-filled steel tubes loaded axially on a partially stressed cross-sectional area. Journal of Constructional Steel Research, 2009, 65, 1617-1630.	1.7	52
106	Performance of reinforced concrete shear walls with steel reinforced concrete boundary columns. Engineering Structures, 2012, 44, 186-209.	2.6	51
107	Behaviour and design calculations on very slender thin-walled CFST columns. Thin-Walled Structures, 2012, 53, 161-175.	2.7	51
108	Behavior of FRPâ€“concreteâ€“steel double skin tubular members under lateral impact: Experimental study. Thin-Walled Structures, 2015, 95, 363-373.	2.7	51

#	ARTICLE	IF	CITATIONS
109	Behaviour of bolted end-plate connections to concrete-filled steel columns. Journal of Constructional Steel Research, 2017, 134, 194-208.	1.7	51
110	Behaviour of grout-filled double skin steel tubes under compression and bending: Experiments. Thin-Walled Structures, 2017, 116, 307-319.	2.7	51
111	Residual Strength of Concrete Filled RHS Stub Columns after Exposure to High Temperatures. Advances in Structural Engineering, 2002, 5, 123-134.	1.2	50
112	Behavior of thin walled steel tube confined concrete stub columns subjected to axial local compression. Thin-Walled Structures, 2008, 46, 155-164.	2.7	50
113	Concrete-filled bimetallic tubes under axial compression: Experimental investigation. Thin-Walled Structures, 2016, 108, 321-332.	2.7	50
114	Behavior of concrete-filled steel tubular stub columns and beams using dune sand as part of fine aggregate. Construction and Building Materials, 2014, 51, 352-363.	3.2	49
115	Behaviour of square CFST beam-columns under combined sustained load and corrosion: Experiments. Thin-Walled Structures, 2019, 136, 353-366.	2.7	49
116	Experimental behaviour of reinforced concrete (RC) beam to concrete-filled steel tubular (CFST) column frames subjected to ISO-834 standard fire. Engineering Structures, 2010, 32, 3130-3144.	2.6	48
117	Tests on inclined, tapered and STS concrete-filled steel tubular (CFST) stub columns. Journal of Constructional Steel Research, 2010, 66, 1186-1195.	1.7	48
118	Experimental performance of concrete-encased CFST columns subjected to full-range fire including heating and cooling. Engineering Structures, 2018, 165, 331-348.	2.6	48
119	Design of Concrete-Filled Steel Tubular Members According to the Australian Standard AS 5100 Model and Calibration. Australian Journal of Structural Engineering, 2008, 8, 197-214.	0.4	47
120	Flexural performance of concrete-encased concrete-filled steel tubes. Magazine of Concrete Research, 2014, 66, 249-267.	0.9	47
121	Behavior of CFDST stub columns under preload, sustained load and chloride corrosion. Journal of Constructional Steel Research, 2015, 107, 12-23.	1.7	47
122	Seismic performance of the concrete-encased CFST column to RC beam joint: Experiment. Journal of Constructional Steel Research, 2019, 154, 134-148.	1.7	47
123	Axial compressive behaviour and design calculations on recycled aggregate concrete-filled steel tubular (RAC-FST) stub columns. Engineering Structures, 2021, 241, 112452.	2.6	46
124	Behavior and calculation on concrete-filled steel CHS (Circular Hollow Section) beam-columns. Steel and Composite Structures, 2004, 4, 169-188.	1.3	46
125	Tests on Concrete Filled Steel Tubular Columns with High Slenderness Ratio. Advances in Structural Engineering, 2000, 3, 337-344.	1.2	45
126	Behavior and calculation of tapered CFDST columns under eccentric compression. Journal of Constructional Steel Research, 2013, 83, 127-136.	1.7	45

#	Article	IF	Citations
127	Fire performance of steel reinforced concrete-filled stainless steel tubular (CFSST) columns with square cross-sections. Thin-Walled Structures, 2019, 143, 106197.	2.7	44
128	Cyclic performance of fire-damaged concrete-filled steel tubular beamâ€“columns repaired with CFRP wraps. Journal of Constructional Steel Research, 2008, 64, 37-50.	1.7	43
129	Analytical behavior of frames with steel beams to concrete-filled steel tubular column. Journal of Constructional Steel Research, 2009, 65, 497-508.	1.7	43
130	Flexural behaviour of concrete filled steel tubular (CFST) chord to hollow tubular brace truss: experiments. Journal of Constructional Steel Research, 2015, 109, 137-151.	1.7	43
131	Fire Performance of Steel Reinforced Concrete Columns. Journal of Structural Engineering, 2015, 141, .	1.7	43
132	Concrete-encased CFST members with circular sections under laterally low velocity impact: Analytical behaviour. Journal of Constructional Steel Research, 2018, 146, 135-154.	1.7	43
133	Performance of CFST column to steel beam joints subjected to simulated fire including the cooling phase. Journal of Constructional Steel Research, 2010, 66, 591-604.	1.7	42
134	Seismic performance of CFST column to steel beam joint with RC slab: Joint model. Journal of Constructional Steel Research, 2012, 73, 66-79.	1.7	41
135	Behavior of Concrete-Encased CFST Members under Axial Tension. Journal of Structural Engineering, 2016, 142, .	1.7	41
136	Concrete-encased CFST columns under combined compression and torsion: Experimental investigation. Journal of Constructional Steel Research, 2017, 138, 729-741.	1.7	41
137	Modelling the behaviour of concrete-encased concrete-filled steel tube (CFST) columns subjected to full-range fire. Engineering Structures, 2019, 183, 265-280.	2.6	41
138	Flexural behaviour of curved concrete filled steel tubular trusses. Journal of Constructional Steel Research, 2014, 93, 119-134.	1.7	40
139	Tests on Cyclic Behavior of Concrete-Filled Hollow Structural Steel Columns after Exposure to the ISO-834 Standard Fire. Journal of Structural Engineering, 2004, 130, 1807-1819.	1.7	37
140	Bond Behavior of Concrete-Filled Steel Tubes at Elevated Temperatures. Journal of Structural Engineering, 2017, 143, .	1.7	37
141	Square concrete-filled stainless steel/carbon steel bimetallic tubular stub columns under axial compression. Journal of Constructional Steel Research, 2018, 146, 49-62.	1.7	37
142	Analytical behavior of concrete-filled aluminum tubular stub columns under axial compression. Thin-Walled Structures, 2019, 140, 21-30.	2.7	37
143	Seismic performance of concrete-filled double-skin steel tubes after exposure to fire: Experiments. Journal of Constructional Steel Research, 2019, 154, 209-223.	1.7	37
144	Behaviour of ultra-high strength steel hollow tubes subjected to low velocity lateral impact: Experiment and finite element analysis. Thin-Walled Structures, 2019, 134, 524-536.	2.7	37

#	Article	IF	Citations
145	Experimental Behavior of Concrete-Filled Stainless Steel Tubular Columns under Cyclic Lateral Loading. Journal of Structural Engineering, 2017, 143, .	1.7	36
146	Behavior of Steel Beam to Concrete-Filled Steel Tubular Column Connections after Exposure to Fire. Journal of Structural Engineering, 2007, 133, 800-814.	1.7	35
147	Performance of concrete-encased CFST box members under bending. Journal of Constructional Steel Research, 2015, 106, 138-153.	1.7	34
148	Experimental behaviour of concrete-filled steel tubular members under lateral shear loads. Journal of Constructional Steel Research, 2016, 122, 226-237.	1.7	34
149	Dune sand concrete-filled steel tubular (CFST) stub columns under axial compression: Experiments. Thin-Walled Structures, 2018, 124, 291-302.	2.7	34
150	Tests and Analysis on the Temperature Field within Concrete Filled Steel Tubes with or without Protection Subjected to a Standard Fire. Advances in Structural Engineering, 2003, 6, 121-133.	1.2	33
151	Concrete-encased CFST columns under combined compression and torsion: Analytical behaviour. Journal of Constructional Steel Research, 2018, 144, 236-252.	1.7	33
152	Analytical behaviour of tapered CFDST stub columns under axially partial compression. Journal of Constructional Steel Research, 2017, 139, 302-314.	1.7	32
153	Analytical behaviour of CFDST chord to CHS brace composite K-joints. Journal of Constructional Steel Research, 2017, 128, 618-632.	1.7	32
154	Circular Concrete-Filled Steel Tubes Subjected to Coupled Tension and Chloride Corrosion. Journal of Structural Engineering, 2017, 143, .	1.7	31
155	Tests on the Steelâ€“Concrete Bond Strength in Steel Reinforced Concrete (SRC) Columns After Fire Exposure. Fire Technology, 2017, 53, 917-945.	1.5	31
156	Performance of steel reinforced concrete columns after exposure to fire: Numerical analysis and application. Engineering Structures, 2020, 211, 110421.	2.6	31
157	Behaviour of concrete-filled steel tubular members subjected to shear and constant axial compression. Thin-Walled Structures, 2008, 46, 765-780.	2.7	30
158	Seismic behaviour of concrete-filled steel tubular frame to RC shear wall high-rise mixed structures. Journal of Constructional Steel Research, 2009, 65, 1249-1260.	1.7	30
159	Performance of Concrete-Filled Steel Tubes subjected to Eccentric Tension. Journal of Structural Engineering, 2015, 141, .	1.7	29
160	Seismic performance of concrete-encased column base for hexagonal concrete-filled steel tube: numerical study. Journal of Constructional Steel Research, 2018, 149, 225-238.	1.7	29
161	Structural behaviour and reliability of CFST trusses with random initial imperfections. Thin-Walled Structures, 2019, 143, 106192.	2.7	29
162	Axial compression and bond behaviour of recycled aggregate concrete-filled stainless steel tubular stub columns. Engineering Structures, 2022, 262, 114306.	2.6	29

#	ARTICLE	IF	CITATIONS
163	The Influence of Concrete Compaction on the Strength of Concrete Filled Steel Tubes. Advances in Structural Engineering, 2000, 3, 131-137.	1.2	28
164	Concrete-filled circular steel tubes subjected to local bearing force: Finite element analysis. Thin-Walled Structures, 2014, 77, 109-119.	2.7	28
165	Fire performance of blind bolted composite beam to column joints. Journal of Constructional Steel Research, 2017, 132, 29-42.	1.7	28
166	Behaviour of CFDST chord to CHS brace composite K-joints: Experiments. Journal of Constructional Steel Research, 2017, 135, 97-109.	1.7	28
167	Mechanical performance of hexagonal multi-cell concrete-filled steel tubular (CFST) stub columns under axial compression. Thin-Walled Structures, 2019, 134, 71-83.	2.7	28
168	Concrete-filled steel tubes subjected to axial compression: Life-cycle based performance. Journal of Constructional Steel Research, 2020, 170, 106063.	1.7	28
169	Fire performance of concrete filled steel tubular (CFST) column to RC beam joints. Fire Safety Journal, 2012, 51, 68-84.	1.4	27
170	Circular concrete-encased concrete-filled steel tube (CFST) stub columns subjected to axial compression. Magazine of Concrete Research, 2016, 68, 995-1010.	0.9	27
171	Experimental behaviour of tapered CFST columns under combined compression and bending. Journal of Constructional Steel Research, 2017, 128, 39-52.	1.7	27
172	Experimental study on the performance of steel-concrete interfaces in circular concrete-filled double skin steel tube. Thin-Walled Structures, 2020, 149, 106660.	2.7	27
173	Post-earthquake fire behavior of welded steel I-beam to hollow column connections: An experimental investigation. Thin-Walled Structures, 2016, 98, 143-153.	2.7	26
174	Behaviour of concrete-encased CFST stub columns subjected to long-term sustained loading. Journal of Constructional Steel Research, 2018, 151, 58-69.	1.7	26
175	Influence of Concrete Compaction on the Behavior of Concrete Filled Steel Tubes with Rectangular Sections. Advances in Structural Engineering, 2001, 4, 93-100.	1.2	25
176	Tests on curved concrete filled steel tubular members subjected to axial compression. Journal of Constructional Steel Research, 2011, 67, 965-976.	1.7	25
177	Experimental behaviour of box concrete-encased CFST eccentrically loaded column. Magazine of Concrete Research, 2013, 65, 1219-1235.	0.9	25
178	Behaviour of circular concrete filled double skin tubes subjected to local bearing force. Thin-Walled Structures, 2015, 93, 36-53.	2.7	25
179	Behaviour of square CFST beam-columns under combined sustained load and corrosion: FEA modelling and analysis. Journal of Constructional Steel Research, 2019, 157, 245-259.	1.7	25
180	Analytical behaviour of RC beam to CFST column frames subjected to fire. Engineering Structures, 2012, 36, 394-410.	2.6	24

#	ARTICLE	IF	CITATIONS
181	Curved concrete filled steel tubular (CCFST) built-up members under axial compression: Experiments. Journal of Constructional Steel Research, 2012, 74, 63-75.	1.7	24
182	Cyclic performance of repaired concrete-filled steel tubular columns after exposure to fire. Thin-Walled Structures, 2006, 44, 1063-1076.	2.7	23
183	Fire resistance of circular concrete-filled steel tubular (CFST) column protected by intumescent coating. Journal of Constructional Steel Research, 2018, 147, 154-170.	1.7	23
184	Behaviour of hexagonal concrete-encased CFST columns subjected to cyclic bending. Journal of Constructional Steel Research, 2018, 144, 283-294.	1.7	23
185	Performance of concrete-encased CFST subjected to low-velocity impact: shear resistance analysis. International Journal of Impact Engineering, 2021, 150, 103798.	2.4	23
186	Performance of recycled aggregate concrete-filled steel tubular columns under combined compression and shear load. Engineering Structures, 2022, 253, 113771.	2.6	23
187	Post-fire behaviour of concrete-filled steel tubular column to axially and rotationally restrained steel beam joint. Fire Safety Journal, 2014, 69, 147-163.	1.4	22
188	Structural Behavior of SRC Beam-to-Column Joints Subjected to Simulated Fire Including Cooling Phase. Journal of Structural Engineering, 2015, 141, .	1.7	22
189	Experimental and numerical investigation of ductile fracture of carbon steel structural components. Journal of Constructional Steel Research, 2018, 145, 425-437.	1.7	22
190	Study on the impact behaviour of concrete-encased CFST box members. Engineering Structures, 2019, 198, 109536.	2.6	22
191	Experimental behaviour of square CFST under local bearing forces. Thin-Walled Structures, 2014, 74, 166-183.	2.7	21
192	Performance of Steel-Reinforced Concrete Column after Exposure to Fire: FEA Model and Experiments. Journal of Structural Engineering, 2016, 142, .	1.7	21
193	Interaction behavior between outer pipe and liner within offshore lined pipeline under axial compression. Ocean Engineering, 2019, 175, 103-112.	1.9	21
194	Analytical behaviour of CFST chord to CHS brace truss under flexural loading. Journal of Constructional Steel Research, 2017, 134, 66-79.	1.7	20
195	Temperature Field Analysis of SRC-Column to SRC-Beam Joints Subjected to Simulated Fire Including Cooling Phase. Advances in Structural Engineering, 2011, 14, 353-366.	1.2	19
196	Analytical behaviour of eccentrically loaded concrete-encased CFST box columns. Magazine of Concrete Research, 2014, 66, 789-808.	0.9	19
197	Investigation on square concrete filled double-skin steel tube (CFDST) subjected to local bearing force: Experiments. Thin-Walled Structures, 2015, 94, 394-409.	2.7	19
198	Concrete-filled bimetallic tubes (CFBT) under axial compression: Analytical behaviour. Thin-Walled Structures, 2017, 119, 839-850.	2.7	19

#	Article	IF	Citations
199	Numerical investigation of demountable CFST K-joints using blind bolts. Journal of Constructional Steel Research, 2019, 160, 428-443.	1.7	19
200	Performance of concrete-filled stainless steel tubular (CFSST) columns after exposure to fire. Thin-Walled Structures, 2020, 149, 106629.	2.7	18
201	Fire performance of concrete-filled steel tubular columns strengthened by CFRP. Steel and Composite Structures, 2011, 11, 307-324.	1.3	18
202	Performance of Steel-Reinforced Concrete Beam-to-Column Joints after Exposure to Fire. Journal of Structural Engineering, 2016, 142, .	1.7	17
203	Seismic Performance of Concrete-Encased CFST Piers: Experimental Study. Journal of Bridge Engineering, 2016, 21, .	1.4	17
204	Seismic Performance of Concrete-Encased CFST Piers: Analysis. Journal of Bridge Engineering, 2018, 23, .	1.4	17
205	Performance of concrete-encased CFST box stub columns under axial compression. Structures, 2015, 3, 211-226.	1.7	16
206	Performance of concrete-filled steel tubular column-wall structure subjected to ISO-834 standard fire: analytical behaviour. Thin-Walled Structures, 2018, 129, 28-44.	2.7	16
207	Experiments on the bearing capacity of tapered concrete filled double skin steel tubular (CFDST) stub columns. Steel and Composite Structures, 2014, 17, 667-686.	1.3	16
208	Fire Performance of Steel Reinforced Concrete (SRC) Structures. Procedia Engineering, 2013, 62, 46-55.	1.2	15
209	Performance of Double-Angle Bolted Steel I-Beam to Hollow Square Column Connections Under Static and Cyclic Loadings. International Journal of Structural Stability and Dynamics, 2016, 16, 1450098.	1.5	15
210	Performance of flange-welded/web-bolted steel I-beam to hollow tubular column connections under seismic load. Thin-Walled Structures, 2017, 116, 250-264.	2.7	15
211	Post-earthquake fire performance of flange-welded/web-bolted steel I-beam to hollow column tubular connections. Thin-Walled Structures, 2017, 116, 113-123.	2.7	15
212	Seismic behavior of fire-exposed concrete-filled steel tubular (CFST) columns. Engineering Structures, 2020, 224, 111085.	2.6	15
213	Fire performance of steel-reinforced concrete beamâ€“column joints. Magazine of Concrete Research, 2009, 61, 499-518.	0.9	14
214	Behaviour of grout-filled double-skin steel tubular T-joint subjected to low-velocity impact. Thin-Walled Structures, 2019, 144, 106270.	2.7	14
215	Fire resistance of RC and FRP-confined RC columns. Magazine of Concrete Research, 2006, 58, 533-546.	0.9	13
216	Inclined concrete-filled SHS steel column to steel beam joints under monotonic and cyclic loading: Experiments. Thin-Walled Structures, 2013, 62, 118-130.	2.7	13

#	Article	IF	Citations
217	Performance of Steel-Reinforced Concrete-Filled Stainless Steel Tubular Columns at Elevated Temperature. International Journal of Structural Stability and Dynamics, 2019, 19, 1940002.	1.5	13
218	Behaviour of high-strength CFDST chord to CHS brace T-joint: Experiment. Engineering Structures, 2020, 219, 110780.	2.6	13
219	Performance of Unstiffened Welded Steel I-Beam to Hollow Tubular Column Connections Under Seismic Loading. International Journal of Structural Stability and Dynamics, 2015, 15, 1450033.	1.5	12
220	Reliability-based evaluation for concrete-filled steel tubular (CFST) truss under flexural loading. Journal of Constructional Steel Research, 2020, 169, 106018.	1.7	12
221	Behaviour of Repaired Concrete Filled Steel Tubular Column to Steel Beam Joints after Exposure to Fire. Advances in Structural Engineering, 2010, 13, 53-67.	1.2	11
222	Performance of concrete-filled steel tubular column-wall structure subjected to ISO-834 standard fire: Experimental study and FEA modelling. Thin-Walled Structures, 2017, 120, 479-494.	2.7	11
223	Structural behaviour of concrete-encased CFST box stub columns under axial compression. Journal of Constructional Steel Research, 2019, 158, 248-262.	1.7	11
224	Experimental and numerical study of temperature developments of composite joints between concrete-encased concrete-filled steel tube columns and reinforced concrete beams. Fire Safety Journal, 2020, 116, 103187.	1.4	9
225	Numerical performance of blind-bolted demountable square CFST K-joints. Journal of Building Engineering, 2021, 33, 101646.	1.6	9
226	Reliability calibration for the design of multiple-chord CFST trusses by advanced analysis. Structural Safety, 2021, 89, 102051.	2.8	9
227	Some Recent Developments of Concrete Filled Steel Tubular (CFST) Structures in China. , 2010, , .		9
228	Analytical behaviour and design of square CFDST subjected to local bearing force. Journal of Constructional Steel Research, 2019, 159, 198-214.	1.7	8
229	Flexural performance of concrete-encased CFST box members. Structures, 2020, 27, 2034-2047.	1.7	8
230	Experimental Behaviour of Self-Consolidating Concrete (SCC) Filled Hollow Structural Steel (HSS) Columns Subjected to Cyclic Loadings. Advances in Structural Engineering, 2005, 8, 497-512.	1.2	7
231	Hybrid corrugated members subjected to impact loading: Experimental and numerical investigation. International Journal of Impact Engineering, 2018, 122, 395-406.	2.4	7
232	Fire Performance of CFST Triple-Limb Laced Columns. Journal of Structural Engineering, 2018, 144, 04018157.	1.7	7
233	Temperature rise distribution of circular concrete-filled steel tubular cross-sections with intumescent coating. Journal of Constructional Steel Research, 2020, 168, 105869.	1.7	7
234	Pushout tests for concrete-filled double skin steel tubes after exposure to fire. Thin-Walled Structures, 2022, 176, 109274.	2.7	7

#	Article	IF	Citations
235	Experimental Behavior of Innovative Hollow Corrugated Columns under Lateral Impact Loading. Procedia Engineering, 2017, 173, 383-390.	1.2	6
236	Lateral impact response of innovative hollow corrugated members. International Journal of Impact Engineering, 2018, 114, 43-52.	2.4	6
237	Seismic Performance of Concrete-Filled Steel Tubular (CFST) Structures. , 2014, , 361-368.		4
238	Fire resistance of concrete-filled double skin steel tubular columns. , 2005, , 1047-1052.		3
239	08.17: Experimental behaviour of high-strength thin-walled concrete filled steel tubular stub columns. Ce/Papers, 2017, 1, 1976-1985.	0.1	3
240	Behaviour of Concrete-Filled Steel Tube (CFST) Subjected to Lateral Partial Compression. , 2012, , .		1
241	Experimental Investigation on Concrete-Filled Double-Skin Steel Tube Under Eccentric Tension. , 2013, , .		1
242	Analytical behavior of concrete-filled aluminum tubular stub columns under axial compression. , 0, , .		0
243	Numerical Behaviour of Composite K-Joints Subjected to Combined Loading and Corrosive Environment. , 0, , .		0