

Ben Young

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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.

374
papers

9,610
citations

50
h-index

73
g-index

399
ext. papers

11,443
ext. citations

3.9
avg, IF

7.34
L-index

#	Paper	IF	Citations
374	Behaviour of normal and high strength concrete-filled compact steel tube circular stub columns. <i>Journal of Constructional Steel Research</i> , 2006 , 62, 706-715	3.8	273
373	Behavior of High Strength Structural Steel at Elevated Temperatures. <i>Journal of Structural Engineering</i> , 2006 , 132, 1948-1954	3	209
372	Stress-strain curves for stainless steel at elevated temperatures. <i>Engineering Structures</i> , 2006 , 28, 229-239	4.7	183
371	The art of coupon tests. <i>Journal of Constructional Steel Research</i> , 2014 , 96, 159-175	3.8	171
370	Experimental investigation of concrete-filled cold-formed high strength stainless steel tube columns. <i>Journal of Constructional Steel Research</i> , 2006 , 62, 484-492	3.8	162
369	Mechanical properties of pultruded carbon fibre-reinforced polymer (CFRP) plates at elevated temperatures. <i>Engineering Structures</i> , 2011 , 33, 2154-2161	4.7	132
368	Design and behaviour of concrete-filled cold-formed stainless steel tube columns. <i>Engineering Structures</i> , 2006 , 28, 716-728	4.7	132
367	Experimental investigation of cold-formed steel material at elevated temperatures. <i>Thin-Walled Structures</i> , 2007 , 45, 96-110	4.7	121
366	Behavior of Cold-Formed Steel Plain Angle Columns. <i>Journal of Structural Engineering</i> , 2005 , 131, 457-466		111
365	Behavior of Cold-Formed High Strength Stainless Steel Sections. <i>Journal of Structural Engineering</i> , 2005 , 131, 1738-1745	3	110
364	Material properties and residual stresses of cold-formed high strength steel hollow sections. <i>Journal of Constructional Steel Research</i> , 2015 , 109, 152-165	3.8	109
363	Structural performance of cold-formed high strength stainless steel columns. <i>Journal of Constructional Steel Research</i> , 2005 , 61, 1631-1649	3.8	99
362	Material properties of cold-formed lean duplex stainless steel sections. <i>Thin-Walled Structures</i> , 2012 , 54, 72-81	4.7	98
361	Behaviour of structural stainless steel cross-sections under combined loading [Part I: Experimental study. <i>Engineering Structures</i> , 2015 , 89, 236-246	4.7	89
360	Nonlinear analysis of concrete-filled steel SHS and RHS columns. <i>Thin-Walled Structures</i> , 2006 , 44, 919-930	4.7	88
359	Design of Cold-Formed Channels Subjected to Web Crippling. <i>Journal of Structural Engineering</i> , 2001 , 127, 1137-1144	3	88
358	Experimental Investigation on Stub-Column Behavior of Cold-Formed High-Strength Steel Tubular Sections. <i>Journal of Structural Engineering</i> , 2016 , 142, 04015174	3	87

357	Design of Cold-Formed Steel Built-Up Closed Sections with Intermediate Stiffeners. <i>Journal of Structural Engineering</i> , 2008 , 134, 727-737	3	86
356	Buckling of stainless steel square hollow section compression members. <i>Journal of Constructional Steel Research</i> , 2003 , 59, 165-177	3.8	86
355	Numerical simulation of concrete encased steel composite columns. <i>Journal of Constructional Steel Research</i> , 2011 , 67, 211-222	3.8	83
354	Compression tests of cold-formed steel I-shaped open sections with edge and web stiffeners. <i>Thin-Walled Structures</i> , 2012 , 52, 1-11	4.7	81
353	Performance of shear connection in composite beams with profiled steel sheeting. <i>Journal of Constructional Steel Research</i> , 2006 , 62, 682-694	3.8	78
352	Experimental and numerical investigation of cold-formed lean duplex stainless steel flexural members. <i>Thin-Walled Structures</i> , 2013 , 73, 216-228	4.7	76
351	Numerical investigation and design of cold-formed steel built-up open section columns with longitudinal stiffeners. <i>Thin-Walled Structures</i> , 2015 , 89, 178-191	4.7	72
350	Non-linear behaviour and load-carrying capacity of CFRP-strengthened lipped channel steel columns. <i>Engineering Structures</i> , 2008 , 30, 2613-2630	4.7	71
349	Behaviour of structural stainless steel cross-sections under combined loading [Part II: Numerical modelling and design approach. <i>Engineering Structures</i> , 2015 , 89, 247-259	4.7	70
348	Experimental Investigation of Cold-Formed Stainless Steel Columns. <i>Journal of Structural Engineering</i> , 2003 , 129, 169-176	3	70
347	Compression Tests of Stainless Steel Tubular Members. <i>Journal of Structural Engineering</i> , 2002 , 128, 754-761	3	70
346	The continuous strength method for the design of aluminium alloy structural elements. <i>Engineering Structures</i> , 2016 , 122, 338-348	4.7	69
345	Design of Lipped Channel Columns. <i>Journal of Structural Engineering</i> , 1998 , 124, 140-148	3	69
344	Compressive testing and numerical modelling of concrete-filled double skin CHS with austenitic stainless steel outer tubes. <i>Thin-Walled Structures</i> , 2019 , 141, 345-359	4.7	67
343	Cold-formed steel sections with web openings subjected to web crippling under two-flange loading conditions [Part I: Tests and finite element analysis. <i>Thin-Walled Structures</i> , 2012 , 56, 38-48	4.7	67
342	Design of high strength steel columns at elevated temperatures. <i>Journal of Constructional Steel Research</i> , 2008 , 64, 689-703	3.8	66
341	Deformation-based design of aluminium alloy beams. <i>Engineering Structures</i> , 2014 , 80, 339-349	4.7	65
340	Tests of Fixed-Ended Plain Channel Columns. <i>Journal of Structural Engineering</i> , 1998 , 124, 131-139	3	65

339	Experimental investigation of cold-formed lean duplex stainless steel beam-columns. <i>Thin-Walled Structures</i> , 2014 , 76, 105-117	4.7	64
338	Tests and Design of Fixed-Ended Cold-Formed Steel Plain Angle Columns. <i>Journal of Structural Engineering</i> , 2004 , 130, 1931-1940	3	64
337	Web crippling behaviour of cold-formed steel channel sections with offset web holes subjected to interior-two-flange loading. <i>Thin-Walled Structures</i> , 2012 , 50, 76-86	4.7	62
336	Structural performance of stainless steel circular hollow sections under combined axial load and bending [Part 1: Experiments and numerical modelling. <i>Thin-Walled Structures</i> , 2016 , 101, 231-239	4.7	61
335	Testing and Design of Aluminum Alloy Cross Sections in Compression. <i>Journal of Structural Engineering</i> , 2014 , 140, 04014047	3	60
334	Tests of concrete-filled stainless steel tubular T-joints. <i>Journal of Constructional Steel Research</i> , 2008 , 64, 1283-1293	3.8	59
333	Testing and numerical modelling of austenitic stainless steel CHS beam-columns. <i>Engineering Structures</i> , 2016 , 111, 263-274	4.7	56
332	Buckling of ferritic stainless steel members under combined axial compression and bending. <i>Journal of Constructional Steel Research</i> , 2016 , 117, 35-48	3.8	56
331	Experimental and numerical investigations of cold-formed stainless steel tubular sections subjected to concentrated bearing load. <i>Journal of Constructional Steel Research</i> , 2007 , 63, 1452-1466	3.8	55
330	Tests of cold-formed high strength stainless steel compression members. <i>Thin-Walled Structures</i> , 2006 , 44, 224-234	4.7	55
329	Effect of web holes on web crippling strength of cold-formed steel channel sections under end-one-flange loading condition [Part I: Tests and finite element analysis. <i>Thin-Walled Structures</i> , 2016 , 107, 443-452	4.7	54
328	Tests of cold-formed stainless steel tubular flexural members. <i>Thin-Walled Structures</i> , 2005 , 43, 1325-1337	4.7	52
327	Material properties of cold-formed high strength steel at elevated temperatures. <i>Thin-Walled Structures</i> , 2017 , 115, 289-299	4.7	51
326	Behaviour of concrete-filled stainless steel tubular X-joints subjected to compression. <i>Thin-Walled Structures</i> , 2009 , 47, 365-374	4.7	51
325	Cold-Formed Stainless Steel Sections Subjected to Web Crippling. <i>Journal of Structural Engineering</i> , 2006 , 132, 134-144	3	50
324	Cold-formed steel lipped channel columns at elevated temperatures. <i>Engineering Structures</i> , 2007 , 29, 2445-2456	4.7	49
323	Design of Aluminum Alloy Flexural Members Using Direct Strength Method. <i>Journal of Structural Engineering</i> , 2009 , 135, 558-566	3	48
322	Experimental investigation of cold-formed high strength steel tubular beams. <i>Engineering Structures</i> , 2016 , 126, 200-209	4.7	48

321	Finite element analysis and design of cold-formed steel built-up closed section columns with web stiffeners. <i>Thin-Walled Structures</i> , 2018 , 131, 223-237	4-7	47
320	Cold-formed steel sections with web openings subjected to web crippling under two-flange loading conditions Part II: Parametric study and proposed design equations. <i>Thin-Walled Structures</i> , 2012 , 56, 79-87	4-7	47
319	Effect of offset web holes on web crippling strength of cold-formed steel channel sections under end-two-flange loading condition. <i>Thin-Walled Structures</i> , 2013 , 65, 34-48	4-7	47
318	Cold-Formed High-Strength Stainless Steel Tubular Sections Subjected to Web Crippling. <i>Journal of Structural Engineering</i> , 2007 , 133, 368-377	3	47
317	Tests of pin-ended cold-formed lean duplex stainless steel columns. <i>Journal of Constructional Steel Research</i> , 2013 , 82, 203-215	3.8	45
316	Web crippling of aluminium tubes with perforated webs. <i>Engineering Structures</i> , 2010 , 32, 1397-1410	4-7	45
315	Structural behavior of cold-formed stainless steel bolted connections. <i>Thin-Walled Structures</i> , 2014 , 83, 147-156	4-7	44
314	Fire resistance of concrete-filled high strength steel tubular columns. <i>Thin-Walled Structures</i> , 2013 , 71, 46-56	4-7	43
313	Cold-Formed Steel Lipped Channel Columns Influenced by Local-Distortional Interaction: Strength and DSM Design. <i>Journal of Structural Engineering</i> , 2013 , 139, 1059-1074	3	43
312	Column Tests of Cold-Formed Steel Channels with Complex Stiffeners. <i>Journal of Structural Engineering</i> , 2002 , 128, 737-745	3	43
311	Design of cold-formed steel channels with stiffened webs subjected to bending. <i>Thin-Walled Structures</i> , 2014 , 85, 81-92	4-7	42
310	Structural performance of cold-formed lean duplex stainless steel columns. <i>Thin-Walled Structures</i> , 2014 , 83, 59-69	4-7	42
309	Buckling Analysis of Cold-Formed Steel Lipped Angle Columns. <i>Journal of Structural Engineering</i> , 2005 , 131, 1570-1579	3	42
308	Shift of Effective Centroid of Channel Columns. <i>Journal of Structural Engineering</i> , 1999 , 125, 524-531	3	42
307	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. <i>Thin-Walled Structures</i> , 2017 , 111, 103-112	4-7	41
306	Material properties and structural behavior of cold-formed steel elliptical hollow section stub columns. <i>Thin-Walled Structures</i> , 2019 , 134, 111-126	4-7	41
305	Post-fire behaviour of ferritic stainless steel material. <i>Construction and Building Materials</i> , 2017 , 157, 654-667	6.7	40
304	Cross-section classification for cold-formed and built-up high strength carbon and stainless steel tubes under compression. <i>Journal of Constructional Steel Research</i> , 2015 , 106, 289-295	3.8	40

303	Experimental investigation of aluminum alloy circular hollow section columns. <i>Engineering Structures</i> , 2006 , 28, 207-215	4.7	40
302	Tests of X- and K-Joints in SHS Stainless Steel Tubes. <i>Journal of Structural Engineering</i> , 2001 , 127, 1173-1182		40
301	Experimental investigation of cold-formed steel built-up closed section columns with web stiffeners. <i>Journal of Constructional Steel Research</i> , 2018 , 147, 380-392	3.8	40
300	Beam tests of cold-formed steel built-up sections with web perforations. <i>Journal of Constructional Steel Research</i> , 2015 , 115, 18-33	3.8	39
299	Design of cold-formed steel oval hollow section columns. <i>Journal of Constructional Steel Research</i> , 2012 , 71, 26-37	3.8	38
298	Cold-formed ferritic stainless steel tubular structural members subjected to concentrated bearing loads. <i>Engineering Structures</i> , 2017 , 145, 392-405	4.7	37
297	Numerical investigation and design of aluminum alloy circular hollow section columns. <i>Thin-Walled Structures</i> , 2008 , 46, 1437-1449	4.7	37
296	Tests and Design of Aluminum Alloy Compression Members. <i>Journal of Structural Engineering</i> , 2006 , 132, 1096-1107	3	36
295	Behaviour and design of cold-formed steel built-up section beams with different screw arrangements. <i>Thin-Walled Structures</i> , 2018 , 131, 16-32	4.7	36
294	Experimental Study of Square and Rectangular CFDST Sections with Stainless Steel Outer Tubes under Axial Compression. <i>Journal of Structural Engineering</i> , 2019 , 145, 04019139	3	35
293	Local-distortional interaction in cold-formed steel rack-section columns. <i>Thin-Walled Structures</i> , 2014 , 81, 185-194	4.7	35
292	Stress concentration factors of cold-formed stainless steel tubular X-joints. <i>Journal of Constructional Steel Research</i> , 2013 , 91, 26-41	3.8	35
291	Design of cold-formed stainless steel tubular T- and X-joints. <i>Journal of Constructional Steel Research</i> , 2011 , 67, 421-436	3.8	35
290	Aluminum tubular sections subjected to web crippling Part I. <i>Thin-Walled Structures</i> , 2008 , 46, 339-351	4.7	35
289	Tests of concrete-filled aluminum stub columns. <i>Thin-Walled Structures</i> , 2008 , 46, 573-583	4.7	35
288	Finite element analysis and design of fixed-ended plain channel columns. <i>Finite Elements in Analysis and Design</i> , 2002 , 38, 549-566	2.2	35
287	Experimental and Numerical Studies of Ferritic Stainless Steel Tubular Cross Sections under Combined Compression and Bending. <i>Journal of Structural Engineering</i> , 2016 , 142, 04015110	3	34
286	Performance of axially restrained concrete encased steel composite columns at elevated temperatures. <i>Engineering Structures</i> , 2011 , 33, 245-254	4.7	34

285	Experimental investigation of cold-formed stainless steel tubular T-joints. <i>Thin-Walled Structures</i> , 2008 , 46, 1129-1142	4-7	34
284	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. <i>Thin-Walled Structures</i> , 2016 , 107, 489-501	4-7	34
283	Material properties and residual stresses of octagonal high strength steel hollow sections. <i>Journal of Constructional Steel Research</i> , 2018 , 148, 479-490	3-8	34
282	Structural performance of stainless steel circular hollow sections under combined axial load and bending [Part 2: Parametric studies and design. <i>Thin-Walled Structures</i> , 2016 , 101, 240-248	4-7	33
281	Behavior of cold-formed stainless steel single shear bolted connections at elevated temperatures. <i>Thin-Walled Structures</i> , 2014 , 75, 63-75	4-7	33
280	Tests of cold-formed duplex stainless steel SHS beam-columns. <i>Engineering Structures</i> , 2014 , 74, 111-121	4-7	33
279	Design of cold-formed stainless steel tubular joints at elevated temperatures. <i>Engineering Structures</i> , 2012 , 35, 188-202	4-7	33
278	Concrete-filled aluminum circular hollow section column tests. <i>Thin-Walled Structures</i> , 2009 , 47, 1272-1289	4-7	33
277	Aluminum alloy tubular columns Part II: Parametric study and design using direct strength method. <i>Thin-Walled Structures</i> , 2006 , 44, 969-985	4-7	33
276	Design of cold-formed steel built-up sections with web perforations subjected to bending. <i>Thin-Walled Structures</i> , 2017 , 120, 458-469	4-7	32
275	Tests and behaviour of cold-formed stainless steel tubular X-joints. <i>Thin-Walled Structures</i> , 2010 , 48, 921-934	4-7	32
274	Design of cold-formed steel unequal angle compression members. <i>Thin-Walled Structures</i> , 2007 , 45, 330-338	4-7	32
273	The continuous strength method for the design of high strength steel tubular sections in compression. <i>Engineering Structures</i> , 2018 , 162, 177-187	4-7	31
272	Behavior of Cold-Formed Steel Built-Up Sections with Intermediate Stiffeners under Bending. I: Tests and Numerical Validation. <i>Journal of Structural Engineering</i> , 2016 , 142, 04015150	3	31
271	Eccentrically loaded concrete encased steel composite columns. <i>Thin-Walled Structures</i> , 2011 , 49, 53-65	4-7	31
270	Finite-Element Simulation and Design of Cold-Formed Steel Channels Subjected to Web Crippling. <i>Journal of Structural Engineering</i> , 2006 , 132, 1967-1975	3	31
269	Aluminum alloy tubular columns Part I: Finite element modeling and test verification. <i>Thin-Walled Structures</i> , 2006 , 44, 961-968	4-7	31
268	Compression Tests of Channels with Inclined Simple Edge Stiffeners. <i>Journal of Structural Engineering</i> , 2003 , 129, 1403-1411	3	31

267	Behaviour and design of stainless steel SHS and RHS beam-columns. <i>Thin-Walled Structures</i> , 2016 , 106, 330-345	4.7	31
266	Cross-sectional behavior of cold-formed steel semi-oval hollow sections. <i>Engineering Structures</i> , 2018 , 177, 318-330	4.7	31
265	Behavior of cold-formed steel elliptical hollow sections subjected to bending. <i>Journal of Constructional Steel Research</i> , 2019 , 158, 317-330	3.8	30
264	Screwed connections of thin sheet steels at elevated temperatures [Part I: Steady state tests. <i>Engineering Structures</i> , 2012 , 35, 234-243	4.7	30
263	Behaviour of cold-formed singly symmetric columns. <i>Thin-Walled Structures</i> , 1999 , 33, 83-102	4.7	30
262	Testing and numerical modelling of S960 ultra-high strength steel angle and channel section stub columns. <i>Engineering Structures</i> , 2020 , 204, 109902	4.7	30
261	Experimental and numerical investigation on cold-formed steel semi-oval hollow section compression members. <i>Journal of Constructional Steel Research</i> , 2018 , 151, 174-184	3.8	30
260	Residual mechanical properties of high strength steels after exposure to fire. <i>Journal of Constructional Steel Research</i> , 2018 , 148, 562-571	3.8	30
259	Design of Cold-Formed High-Strength Steel Tubular Stub Columns. <i>Journal of Structural Engineering</i> , 2018 , 144, 04018063	3	29
258	Mechanical properties and cross-sectional behavior of additively manufactured high strength steel tubular sections. <i>Thin-Walled Structures</i> , 2019 , 144, 106158	4.7	29
257	Cold-Formed-Steel Oval Hollow Sections under Axial Compression. <i>Journal of Structural Engineering</i> , 2011 , 137, 719-727	3	29
256	Experimental Investigation of Cold-Formed Steel Lipped Angle Concentrically Loaded Compression Members. <i>Journal of Structural Engineering</i> , 2005 , 131, 1390-1396	3	29
255	Corner properties of cold-formed steel sections at elevated temperatures. <i>Thin-Walled Structures</i> , 2006 , 44, 216-223	4.7	29
254	Channel Columns Undergoing Local, Distortional, and Overall Buckling. <i>Journal of Structural Engineering</i> , 2002 , 128, 728-736	3	29
253	Flexural behaviour and strengths of press-braked S960 ultra-high strength steel channel section beams. <i>Engineering Structures</i> , 2019 , 200, 109735	4.7	29
252	Web crippling behaviour of cold-formed steel channel sections with web holes subjected to interior-one-flange loading condition [Part II: parametric study and proposed design equations. <i>Thin-Walled Structures</i> , 2017 , 114, 92-106	4.7	28
251	Theoretical analysis of cold-formed stainless steel tubular joints. <i>Engineering Structures</i> , 2015 , 83, 99-115	4.7	28
250	Beam-column tests of cold-formed steel elliptical hollow sections. <i>Engineering Structures</i> , 2020 , 210, 109911	4.7	28

249	Behavior of Cold-Formed Steel Built-Up Sections with Intermediate Stiffeners under Bending. II: Parametric Study and Design. <i>Journal of Structural Engineering</i> , 2016 , 142, 04015151	3	28
248	Stress-strain relationship of cold-formed lean duplex stainless steel at elevated temperatures. <i>Journal of Constructional Steel Research</i> , 2014 , 92, 103-113	3.8	28
247	Experimental Study of Ferritic Stainless Steel Tubular Beam-Column Members Subjected to Unequal End Moments. <i>Journal of Structural Engineering</i> , 2016 , 142, 04016091	3	28
246	Structural behavior of cold-formed steel semi-oval hollow section beams. <i>Engineering Structures</i> , 2019 , 185, 400-411	4.7	27
245	Analysis and design of cold-formed steel channels subjected to combined bending and web crippling. <i>Thin-Walled Structures</i> , 2006 , 44, 314-320	4.7	27
244	Column design of cold-formed stainless steel slender circular hollow sections. <i>Steel and Composite Structures</i> , 2006 , 6, 285-302		27
243	Tests of cold-formed high strength steel tubular sections undergoing web crippling. <i>Engineering Structures</i> , 2017 , 141, 571-583	4.7	26
242	Material properties of normal and high strength aluminium alloys at elevated temperatures. <i>Thin-Walled Structures</i> , 2019 , 137, 463-471	4.7	26
241	Experimental investigation on cold-formed steel stiffened lipped channel columns undergoing local-distortional interaction. <i>Thin-Walled Structures</i> , 2020 , 150, 106682	4.7	26
240	Tests of Cold-Formed Steel Semi-Oval Hollow Section Members under Eccentric Axial Load. <i>Journal of Structural Engineering</i> , 2020 , 146, 04020027	3	26
239	Design of cold-formed high strength steel tubular beams. <i>Engineering Structures</i> , 2017 , 151, 432-443	4.7	26
238	Performance of cold-formed stainless steel tubular columns at elevated temperatures. <i>Engineering Structures</i> , 2008 , 30, 2012-2021	4.7	26
237	Bifurcation of singly symmetric columns. <i>Thin-Walled Structures</i> , 1997 , 28, 155-177	4.7	25
236	Effects of elevated temperatures on bolted moment-connections between cold-formed steel members. <i>Engineering Structures</i> , 2007 , 29, 2419-2427	4.7	25
235	Experimental and numerical investigation of high strength stainless steel structures. <i>Journal of Constructional Steel Research</i> , 2008 , 64, 1225-1230	3.8	25
234	Bearing factors of cold-formed stainless steel double shear bolted connections at elevated temperatures. <i>Thin-Walled Structures</i> , 2016 , 98, 212-229	4.7	24
233	Effects of edge-stiffened circular holes on the web crippling strength of cold-formed steel channel sections under one-flange loading conditions. <i>Engineering Structures</i> , 2017 , 139, 96-107	4.7	24
232	Experimental Investigation of Aluminum Alloy Stub Columns with Circular Openings. <i>Journal of Structural Engineering</i> , 2015 , 141, 04015031	3	24

231	Web crippling behaviour of cold-formed duplex stainless steel tubular sections at elevated temperatures. <i>Engineering Structures</i> , 2013 , 57, 51-62	4.7	24
230	Tests on high-strength steel hollow sections: a review. <i>Proceedings of the Institution of Civil Engineers: Structures and Buildings</i> , 2017 , 170, 621-630	0.9	24
229	CFDST sections with square stainless steel outer tubes under axial compression: Experimental investigation, numerical modelling and design. <i>Engineering Structures</i> , 2020 , 207, 110189	4.7	24
228	Structural performance of cold-formed steel elliptical hollow section pin-ended columns. <i>Thin-Walled Structures</i> , 2019 , 136, 267-279	4.7	24
227	Structural performance of cold-formed high strength steel tubular columns. <i>Engineering Structures</i> , 2018 , 177, 473-488	4.7	24
226	Design of cold-formed high strength steel tubular sections undergoing web crippling. <i>Thin-Walled Structures</i> , 2018 , 133, 192-205	4.7	24
225	Review: Interactive behaviour, failure and DSM design of cold-formed steel members prone to distortional buckling. <i>Thin-Walled Structures</i> , 2018 , 128, 12-42	4.7	23
224	Compression capacities of cold-formed high strength steel tubular T-joints. <i>Journal of Constructional Steel Research</i> , 2019 , 162, 105650	3.8	23
223	Numerical analysis and design of concrete-filled aluminum circular hollow section columns. <i>Thin-Walled Structures</i> , 2012 , 50, 45-55	4.7	23
222	Cold-formed high strength stainless steel cross-sections in compression considering interaction effects of constituent plate elements. <i>Journal of Constructional Steel Research</i> , 2013 , 80, 32-41	3.8	23
221	Investigation of concrete encased steel composite columns at elevated temperatures. <i>Thin-Walled Structures</i> , 2010 , 48, 597-608	4.7	23
220	Experimental Investigation of Aluminum Alloy Thin-Walled Tubular Members in Combined Compression and Bending. <i>Journal of Structural Engineering</i> , 2006 , 132, 1955-1966	3	23
219	Cross-sectional capacity of octagonal tubular steel stub columns under uniaxial compression. <i>Engineering Structures</i> , 2019 , 184, 480-494	4.7	22
218	Behavior and design of cold-formed and hot-finished steel elliptical tubular stub columns. <i>Journal of Constructional Steel Research</i> , 2019 , 156, 252-265	3.8	22
217	Compressive behaviour and design of CFDST cross-sections with stainless steel outer tubes. <i>Journal of Constructional Steel Research</i> , 2020 , 170, 105942	3.8	22
216	Flexural response of aluminium alloy SHS and RHS with internal stiffeners. <i>Engineering Structures</i> , 2016 , 121, 170-180	4.7	22
215	The continuous strength method for the design of high strength steel tubular sections in bending. <i>Journal of Constructional Steel Research</i> , 2019 , 160, 499-509	3.8	22
214	Column tests of cold-formed steel non-symmetric lipped angle sections. <i>Journal of Constructional Steel Research</i> , 2008 , 64, 808-815	3.8	22

213	Aluminum tubular sections subjected to web cripplingPart II: Proposed design equations. <i>Thin-Walled Structures</i> , 2008 , 46, 352-361	4.7	22
212	Experimental Investigation of Cold-Formed High-Strength Stainless Steel Tubular Members Subjected to Combined Bending and Web Crippling. <i>Journal of Structural Engineering</i> , 2007 , 133, 1027-1034	4.7	22
211	Yield line mechanism analysis on web crippling of cold-formed stainless steel tubular sections under two-flange loading. <i>Engineering Structures</i> , 2006 , 28, 880-892	4.7	22
210	High temperature tests of cold-formed stainless steel double shear bolted connections. <i>Journal of Constructional Steel Research</i> , 2015 , 104, 49-63	3.8	21
209	Tests of cold-formed high strength steel tubular T-joints. <i>Thin-Walled Structures</i> , 2019 , 143, 106200	4.7	21
208	Tests of single shear bolted connections of thin sheet steels at elevated temperaturesPart I: Steady state tests. <i>Thin-Walled Structures</i> , 2011 , 49, 1320-1333	4.7	21
207	Design of Concrete-Filled Stainless Steel Tubular Connections. <i>Advances in Structural Engineering</i> , 2010 , 13, 471-492	1.9	21
206	Design of channel columns with inclined edge stiffeners. <i>Journal of Constructional Steel Research</i> , 2004 , 60, 183-197	3.8	21
205	Beam-column design of cold-formed steel semi-oval hollow non-slender sections. <i>Thin-Walled Structures</i> , 2021 , 162, 107376	4.7	21
204	Behavior of Octagonal High-Strength Steel Tubular Stub Columns. <i>Journal of Structural Engineering</i> , 2019 , 145, 04019150	3	20
203	Design of Cold-Formed Lean Duplex Stainless Steel Members in Combined Compression and Bending. <i>Journal of Structural Engineering</i> , 2015 , 141, 04014138	3	20
202	Static strength of high strength steel CHS X-joints under axial compression. <i>Journal of Constructional Steel Research</i> , 2017 , 138, 369-379	3.8	20
201	Material Properties of Cold-Formed and Hot-Finished Elliptical Hollow Sections. <i>Advances in Structural Engineering</i> , 2015 , 18, 1101-1114	1.9	20
200	Strength, interactive failure and design of web-stiffened lipped channel columns exhibiting distortional buckling. <i>Thin-Walled Structures</i> , 2014 , 81, 195-209	4.7	20
199	Aluminum alloy circular hollow section beam-columns. <i>Thin-Walled Structures</i> , 2006 , 44, 131-140	4.7	20
198	Numerical investigation of channel columns with complex stiffenersPart I: test verification. <i>Thin-Walled Structures</i> , 2004 , 42, 883-893	4.7	20
197	Structural behaviour and design of chord plastification in high strength steel CHS X-joints. <i>Construction and Building Materials</i> , 2018 , 191, 1252-1267	6.7	20
196	FRP strengthened aluminium tubular sections subjected to web crippling. <i>Thin-Walled Structures</i> , 2011 , 49, 1392-1403	4.7	19

195	Effects of transverse welds on aluminum alloy columns. <i>Thin-Walled Structures</i> , 2007 , 45, 321-329	4.7	19
194	Web crippling of cold-formed unlippped channels with flanges restrained. <i>Thin-Walled Structures</i> , 2004 , 42, 911-930	4.7	19
193	Web crippling of cold-formed ferritic stainless steel square and rectangular hollow sections. <i>Engineering Structures</i> , 2018 , 176, 968-980	4.7	19
192	Structural performance of cold-formed high strength steel tubular X-Joints under brace axial compression. <i>Engineering Structures</i> , 2020 , 208, 109768	4.7	18
191	Web crippling strength of cold-formed stainless steel lipped channel-sections with web openings subjected to interior-one-flange loading condition. <i>Steel and Composite Structures</i> , 2016 , 21, 629-659		18
190	Experimental investigation on cold-formed steel lipped channel beams affected by local-distortional interaction under non-uniform bending. <i>Thin-Walled Structures</i> , 2021 , 161, 107494	4.7	18
189	Design of cold-formed stainless steel lipped channel sections with web openings subjected to web crippling under end-one-flange loading condition. <i>Advances in Structural Engineering</i> , 2017 , 20, 1024-1045 ^{1.9}		17
188	Cold-formed high strength steel SHS and RHS beams at elevated temperatures. <i>Journal of Constructional Steel Research</i> , 2019 , 158, 475-485	3.8	17
187	Design of cold-formed stainless steel circular hollow section columns using direct strength method. <i>Engineering Structures</i> , 2018 , 163, 177-183	4.7	17
186	Continuous Beams of Aluminum Alloy Tubular Cross Sections. I: Tests and FE Model Validation. <i>Journal of Structural Engineering</i> , 2015 , 141, 04014232	3	17
185	Tests and Design of Aluminum Tubular Sections Subjected to Concentrated Bearing Load. <i>Journal of Structural Engineering</i> , 2009 , 135, 806-817	3	17
184	Numerical investigation of web crippling strength in cold-formed stainless steel lipped channels with web openings subjected to interior-two-flange loading condition. <i>Steel and Composite Structures</i> , 2017 , 23, 363-383		17
183	Ferritic stainless steel tubular members strengthened with high modulus CFRP plate subjected to web crippling. <i>Journal of Constructional Steel Research</i> , 2012 , 77, 107-118	3.8	16
182	Design formulations for non-welded and welded aluminium columns using Continuous Strength Method. <i>Engineering Structures</i> , 2011 , 33, 3197-3207	4.7	16
181	Web Crippling of Cold-Formed Stainless Steel Tubular Sections. <i>Advances in Structural Engineering</i> , 2008 , 11, 679-691	1.9	16
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179	Concrete-filled double-skin aluminum circular hollow section stub columns. <i>Thin-Walled Structures</i> , 2018 , 133, 141-152	4.7	16
178	Web crippling strength of cold-formed stainless-steel lipped channels with web perforations under end-two-flange loading. <i>Advances in Structural Engineering</i> , 2017 , 20, 1845-1863	1.9	15

177	Structural performance of cold-formed lean duplex stainless steel beams at elevated temperatures. <i>Thin-Walled Structures</i> , 2018 , 129, 20-27	4-7	15
176	Experimental and numerical investigation of concrete-filled hot-finished and cold-formed steel elliptical tubular stub columns. <i>Thin-Walled Structures</i> , 2019 , 145, 106437	4-7	15
175	Transient state tests of cold-formed stainless steel single shear bolted connections. <i>Engineering Structures</i> , 2014 , 81, 1-9	4-7	15
174	Screwed connections of thin sheet steels at elevated temperatures [Part II: Transient state tests. <i>Engineering Structures</i> , 2012 , 35, 228-233	4-7	15
173	Cold-Formed Steel Channels Subjected to Concentrated Bearing Load. <i>Journal of Structural Engineering</i> , 2003 , 129, 1003-1010	3	15
172	Investigation of cold-formed stainless steel non-slender circular hollow section columns. <i>Steel and Composite Structures</i> , 2007 , 7, 321-337		15
171	Behaviour of concrete-filled cold-formed high strength steel circular stub columns. <i>Thin-Walled Structures</i> , 2020 , 157, 107078	4-7	15
170	Static strength of stainless steel K- and N-joints at elevated temperatures. <i>Thin-Walled Structures</i> , 2018 , 122, 501-509	4-7	15
169	Behaviour of cold-formed high strength steel RHS under localised bearing forces. <i>Engineering Structures</i> , 2019 , 183, 1049-1058	4-7	14
168	Nonlinear analysis of composite castellated beams with profiled steel sheeting exposed to different fire conditions. <i>Journal of Constructional Steel Research</i> , 2015 , 113, 247-260	3.8	14
167	Design of Cold-Formed Steel Channel Columns with Complex Edge Stiffeners by Direct Strength Method. <i>Journal of Structural Engineering</i> , 2004 , 130, 1756-1763	3	14
166	Tests of Channels Subjected to Combined Bending and Web Crippling. <i>Journal of Structural Engineering</i> , 2002 , 128, 300-308	3	14
165	Structural behaviour and design of high strength steel RHS X-joints. <i>Engineering Structures</i> , 2019 , 200, 109494	4-7	14
164	Mechanical properties of lean duplex stainless steel at post-fire condition. <i>Thin-Walled Structures</i> , 2018 , 130, 564-576	4-7	14
163	CFS lipped channel columns affected by L-D-G interaction. Part I: Experimental investigation. <i>Computers and Structures</i> , 2018 , 207, 219-232	4-5	13
162	FRP strengthening of lean duplex stainless steel hollow sections subjected to web crippling. <i>Thin-Walled Structures</i> , 2014 , 85, 183-200	4-7	13
161	Web crippling of aluminium tubular structural members strengthened by CFRP. <i>Thin-Walled Structures</i> , 2012 , 59, 58-69	4-7	13
160	Web crippling of lean duplex stainless steel tubular sections under concentrated end bearing loads. <i>Thin-Walled Structures</i> , 2019 , 134, 29-39	4-7	13

159	Carbon steel and stainless steel bolted connections undergoing unloading and re-loading processes. <i>Journal of Constructional Steel Research</i> , 2019 , 157, 337-346	3.8	12
158	Design of aluminium alloy stocky hollow sections subjected to concentrated transverse loads. <i>Thin-Walled Structures</i> , 2018 , 124, 546-557	4.7	12
157	Experimental Investigation of Concrete-Filled High-Strength Steel Tubular X Joints. <i>Journal of Structural Engineering</i> , 2018 , 144, 04018178	3	12
156	Bearing factors for single shear bolted connections of thin sheet steels at elevated temperatures. <i>Thin-Walled Structures</i> , 2012 , 52, 126-142	4.7	12
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152	Behaviour of aluminium alloy plain and lipped channel columns. <i>Thin-Walled Structures</i> , 2019 , 135, 306-316	4.7	12
151	Experimental and Numerical Investigations of Octagonal High-Strength Steel Tubular Stub Columns under Combined Compression and Bending. <i>Journal of Structural Engineering</i> , 2021 , 147, 04020282	3	12
150	Cold-Formed High-Strength Steel Rectangular and Square Hollow Sections under Combined Compression and Bending. <i>Journal of Structural Engineering</i> , 2019 , 145, 04019154	3	11
149	Design of aluminium alloy beams at elevated temperatures. <i>Thin-Walled Structures</i> , 2019 , 140, 506-515	4.7	11
148	Finite element-based method for residual stresses and plastic strains in cold-formed steel hollow sections. <i>Engineering Structures</i> , 2019 , 188, 24-42	4.7	11
147	Effects of end distance on thin sheet steel bolted connections. <i>Engineering Structures</i> , 2019 , 196, 109331	4.7	11
146	Strengthening of ferritic stainless steel tubular structural members using FRP subjected to Two-Flange-Loading. <i>Thin-Walled Structures</i> , 2013 , 62, 179-190	4.7	11
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144	On the use of the EC3 and AISI specifications to estimate the ultimate load of CFRP-strengthened cold-formed steel lipped channel columns. <i>Thin-Walled Structures</i> , 2009 , 47, 1102-1111	4.7	11
143	Compression Tests of Cold-Formed Steel C- and Z-Sections with Different Stiffeners. <i>Journal of Structural Engineering</i> , 2019 , 145, 04019022	3	11
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140	Cold-formed high strength steel tubular beam-columns. <i>Engineering Structures</i> , 2021 , 230, 111618	4.7	10
139	Structural behaviour of cold-formed stainless steel bolted connections at post-fire condition. <i>Journal of Constructional Steel Research</i> , 2019 , 152, 312-321	3.8	10
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136	Finite element analysis of cold-formed lean duplex stainless steel columns at elevated temperatures. <i>Thin-Walled Structures</i> , 2019 , 143, 106203	4.7	9
135	Numerical Investigation of the Bilinear Softening Law in the Cohesive Crack Model for Normal-Strength and High-Strength Concrete. <i>Advances in Structural Engineering</i> , 2012 , 15, 373-387	1.9	9
134	Numerical investigation of channel columns with complex stiffeners part II: parametric study and design. <i>Thin-Walled Structures</i> , 2004 , 42, 895-909	4.7	9
133	Experimental and numerical investigation on cold-formed steel built-up section pin-ended columns. <i>Thin-Walled Structures</i> , 2022 , 170, 108444	4.7	9
132	Mechanical properties of thin sheet steel after exposure to high temperatures. <i>Thin-Walled Structures</i> , 2019 , 142, 460-475	4.7	8
131	Experimental investigation of concrete-filled single-skin and double-skin steel oval hollow section stub columns. <i>Thin-Walled Structures</i> , 2019 , 140, 157-167	4.7	8
130	Tensile Tests of Cold-Formed Stainless Steel Tubes. <i>Journal of Structural Engineering</i> , 2020 , 146, 04020165	4.6	8
129	Fire resistance of stainless steel single shear bolted connections. <i>Thin-Walled Structures</i> , 2018 , 130, 332-346	4.6	8
128	Local Distortional Interaction in Cold-formed Steel Columns: Mechanics, Testing, Numerical Simulation and Design. <i>Structures</i> , 2015 , 4, 38-57	3.4	8
127	Continuous Strength Method for Aluminium Alloy Structures. <i>Advanced Materials Research</i> , 2013 , 742, 70-75	0.5	8
126	Effects of Elevated Temperatures on Double Shear Bolted Connections of Thin Sheet Steels. <i>Journal of Structural Engineering</i> , 2013 , 139, 757-771	3	8
125	Strength and Behavior of Cold-Formed Steel Z -Sections Subjected to Major Axis Bending. <i>Journal of Structural Engineering</i> , 2006 , 132, 1632-1640	3	8
124	Effect of Surface Preparation on the Strength of FRP-to-Mild Steel and FRP-to-Stainless Steel Joints 2011 , 869-872		8

123	Experimental and Numerical Investigations of S690 High-Strength Steel Welded I-Sections under Combined Compression and Bending. <i>Journal of Structural Engineering</i> , 2021 , 147, 04021054	3	8
122	Material ductility and temperature effects on block shear capacity of bolted connections. <i>Journal of Constructional Steel Research</i> , 2021 , 177, 106461	3.8	8
121	Design of concrete-filled high strength steel tubular joints subjected to compression. <i>Journal of Constructional Steel Research</i> , 2018 , 150, 209-220	3.8	8
120	Classification of aluminium alloy cross-sections. <i>Engineering Structures</i> , 2017 , 141, 29-40	4.7	7
119	Cold-Formed Lean Duplex Stainless Steel Tubular Members under Concentrated Interior Bearing Loads. <i>Journal of Structural Engineering</i> , 2019 , 145, 04019056	3	7
118	Uniformly bent CFS lipped channel beams experiencing local-distortional interaction: Experimental investigation. <i>Journal of Constructional Steel Research</i> , 2020 , 170, 106098	3.8	7
117	Inelastic bifurcation of cold-formed singly symmetric columns. <i>Thin-Walled Structures</i> , 2000 , 36, 213-230	4.7	7
116	Static resistances of cold-formed high strength steel tubular non-90° X-Joints. <i>Engineering Structures</i> , 2021 , 239, 112064	4.7	7
115	Numerical investigation and design of fully chord supported tubular T-joints. <i>Engineering Structures</i> , 2021 , 239, 112063	4.7	7
114	Structural performance of concrete-filled cold-formed high-strength steel octagonal tubular stub columns. <i>Engineering Structures</i> , 2021 , 239, 112360	4.7	7
113	Numerical analysis and design of cold-formed steel elliptical hollow sections under combined compression and bending. <i>Engineering Structures</i> , 2021 , 241, 112417	4.7	7
112	Tests of cold-formed steel built-up open section members under eccentric compressive load. <i>Journal of Constructional Steel Research</i> , 2021 , 184, 106775	3.8	7
111	Testing and numerical modelling of circular CFDST cross-sections with stainless steel outer tubes in bending. <i>Engineering Structures</i> , 2021 , 247, 113170	4.7	7
110	Design of CFRP-strengthened stainless steel tubular sections subjected to web crippling. <i>Journal of Constructional Steel Research</i> , 2019 , 159, 442-458	3.8	6
109	Tests of cold-formed normal and high strength steel tubes under tension. <i>Thin-Walled Structures</i> , 2020 , 153, 106844	4.7	6
108	Net section tension strength of bolted connections in ultra-high strength sheet steel during and after fire. <i>Journal of Constructional Steel Research</i> , 2020 , 172, 106237	3.8	6
107	Design of austenitic and duplex stainless steel SHS and RHS beam-columns. <i>Journal of Constructional Steel Research</i> , 2019 , 152, 143-153	3.8	6
106	Behaviour and Design of Composite Beams with Stiffened and Unstiffened Web Openings. <i>Advances in Structural Engineering</i> , 2015 , 18, 893-918	1.9	6

105	Reinforcement schemes for cold-formed steel joists with a large web opening in shear zone. An experimental investigation. <i>Thin-Walled Structures</i> , 2013 , 72, 28-36	4.7	5
104	EXPERIMENTAL INVESTIGATION OF COLD-FORMED HIGH STRENGTH STAINLESS STEEL COMPRESSION MEMBERS 2005 ,		5
103	Mode interaction in cold-formed steel members: state-of-art report. <i>Steel Construction</i> , 2020 , 13, 186-207.5	4.7	5
102	High strength steel square and rectangular tubular stub columns infilled with concrete. <i>Journal of Constructional Steel Research</i> , 2021 , 179, 106536	3.8	5
101	Design of cold-formed high strength steel tubular T-joints under compression loads. <i>Thin-Walled Structures</i> , 2021 , 164, 107573	4.7	5
100	Finite element modelling and design of stainless steel SHS and RHS beam-columns under moment gradients. <i>Thin-Walled Structures</i> , 2019 , 134, 220-232	4.7	5
99	Testing, finite element analysis and design of high strength steel RHS T-joints. <i>Engineering Structures</i> , 2021 , 227, 111184	4.7	5
98	Post-fire residual material properties of cold-formed steel elliptical hollow sections. <i>Journal of Constructional Steel Research</i> , 2021 , 183, 106723	3.8	5
97	Cold-Formed High-Strength Steel Tubular Structural Members under Combined Bending and Bearing. <i>Journal of Structural Engineering</i> , 2019 , 145, 04019081	3	4
96	Compressive strengths of concrete-filled double-skin (circular hollow section outer and square hollow section inner) aluminium tubular sections. <i>Advances in Structural Engineering</i> , 2019 , 22, 2418-2434.9	4.9	4
95	Numerical study and design of aluminium alloy channel section columns with welds. <i>Thin-Walled Structures</i> , 2019 , 139, 139-150	4.7	4
94	Web crippling of aluminium alloy channel sections with flanges restrained. <i>Thin-Walled Structures</i> , 2020 , 148, 106576	4.7	4
93	Cross-section behavior of cold-formed steel elliptical hollow sections [A numerical study. <i>Engineering Structures</i> , 2019 , 201, 109797	4.7	4
92	Finite Element Modeling 2014 , 31-55		4
91	Experimental investigation of concrete-filled cold-formed steel elliptical stub columns 2017 , 109-115		4
90	Compression tests of aluminium alloy cross-sections 2012 , 501-508		4
89	Local buckling and shift of effective centroid of cold-formed steel columns. <i>Steel and Composite Structures</i> , 2005 , 5, 235-246		4
88	Mode interaction in cold-formed steel members: state-of-art report. <i>Steel Construction</i> , 2020 , 13, 165-185.5	4.7	4

87	Flexural behaviour of cold-formed steel oval hollow section beams. <i>Journal of Constructional Steel Research</i> , 2021 , 180, 106605	3.8	4
86	Post-fire mechanical response of high strength steels. <i>Thin-Walled Structures</i> , 2021 , 164, 107606	4.7	4
85	Web crippling design of lean duplex stainless steel tubular members under interior loading conditions. <i>Engineering Structures</i> , 2021 , 238, 112192	4.7	4
84	Pin-ended press-braked S960 ultra-high strength steel angle section columns: Testing, numerical modelling and design. <i>Engineering Structures</i> , 2021 , 228, 111418	4.7	4
83	Structural behaviour and design of high strength steel CHS T-joints. <i>Thin-Walled Structures</i> , 2021 , 159, 107215	4.7	4
82	Experimental investigation on stress concentration factors of cold-formed high strength steel tubular X-joints. <i>Engineering Structures</i> , 2021 , 243, 112408	4.7	4
81	Aluminium alloy channels subjected to web crippling. <i>Advances in Structural Engineering</i> , 2019 , 22, 1617-1630	4.0	3
80	Simplified models for residual stresses and equivalent plastic strains in cold-formed steel elliptical hollow sections. <i>Thin-Walled Structures</i> , 2020 , 154, 106835	4.7	3
79	Design of Aluminum Alloy Channel Section Beams. <i>Journal of Structural Engineering</i> , 2020 , 146, 04020074	4.0	3
78	Design of CFRP-strengthened aluminium alloy tubular sections subjected to web crippling. <i>Thin-Walled Structures</i> , 2018 , 124, 605-621	4.7	3
77	Ultimate Compressive Strength of Cold-Formed Steel Angle Struts Loaded through a Single Bolt. <i>Advances in Structural Engineering</i> , 2012 , 15, 1583-1595	1.9	3
76	Effects of end distance on thin sheet steel single shear bolted connections at elevated temperatures. <i>Thin-Walled Structures</i> , 2020 , 148, 106577	4.7	3
75	Mechanical properties of cold-formed steel semi-oval hollow sections after exposure to ISO-834 fire. <i>Thin-Walled Structures</i> , 2021 , 167, 108202	4.7	3
74	Behaviour of duplex stainless steel bolted connections. <i>Thin-Walled Structures</i> , 2021 , 169, 108380	4.7	3
73	08.19: Tests on concrete-filled double skin tubular beams with circular stainless steel outer tubes. <i>Ce/Papers</i> , 2017 , 1, 1996-2005	0.3	2
72	10.37: Mechanical properties of high strength aluminium alloy at elevated temperatures. <i>Ce/Papers</i> , 2017 , 1, 2831-2839	0.3	2
71	Assessment of Eurocode 9 slenderness limits for elements in compression 2015 , 569-574		2
70	An Experimental Study on the Mechanical Properties of Pultruded CFRP Plates at Elevated Temperatures 2011 ,		2

69	Beam-Column Tests of Cold-Formed Steel Built-Up Closed Sections. <i>Journal of Structural Engineering</i> , 2022 , 148,	3	2
68	Experimental investigation of concrete-filled lean duplex stainless steel RHS stub columns 2017 , 95-100		2
67	Effects of different adhesive and FRP on strengthening of stainless steel tubular structural members 2010 , 273-280		2
66	A linear one-dimensional model for the flexural-torsional vibrations of tapered thin-walled bars with open cross-secti 2013 , 415-416		2
65	Finite element analysis of cold-formed steel lipped angle compression members 2005 , 469-478		2
64	Design and tests of cold-formed stainless steel sections subjected to concentrated bearing load 2005 , 487-496		2
63	Design of lean duplex stainless steel tubular sections subjected to concentrated end bearing loads at elevated temperatures. <i>Thin-Walled Structures</i> , 2021 , 160, 107298	4.7	2
62	Design of Lean Duplex Stainless Steel Tubular Sections Subjected to Concentrated End-Bearing Loads. <i>Journal of Structural Engineering</i> , 2021 , 147, 04021009	3	2
61	Effects of material ductility and cooling methods on the bearing strength of steel bolted connections. <i>Journal of Constructional Steel Research</i> , 2021 , 181, 106625	3.8	2
60	Chord plastification in high strength steel circular hollow section X-joints: Testing, modelling and strength predictions. <i>Engineering Structures</i> , 2021 , 243, 112692	4.7	2
59	Stress concentration factors of cold-formed high strength steel tubular T-joints. <i>Thin-Walled Structures</i> , 2021 , 166, 107996	4.7	2
58	Behaviour of concrete-filled ferritic stainless steel tubular joints: Experimental investigation, numerical modelling and design. <i>Engineering Structures</i> , 2021 , 247, 113109	4.7	2
57	08.29: Experimental investigation of concrete-filled double skin tubular stub columns with ferritic stainless steel outer tubes. <i>Ce/Papers</i> , 2017 , 1, 2070-2079	0.3	1
56	12.18: Experimental investigation on cold-formed high strength steel circular hollow sections under combined compression and bending. <i>Ce/Papers</i> , 2017 , 1, 3622-3630	0.3	1
55	Examples of Finite Element Models of Metal Tubular Connections 2014 , 151-181		1
54	Response to Discussion on Numerical simulation of concrete encased steel composite columns[J Constr Steel Res 2011; 67(2): 211-2]. <i>Journal of Constructional Steel Research</i> , 2011 , 67, 1413	3.8	1
53	Tests of stainless steel RHS X-joints 2017 , 269-276		1
52	Tests of cold-formed steel built-up open section beam-columns 2019 , 1077-1082		1

51	High strength steel tubular X-joints—An experimental insight under axial compression 2017 , 223-230		1
50	Compression resistance of aluminium stub columns using Continuous Strength Method 2010 , 257-263		1
49	Eccentric compression tests on high strength duplex stainless steel columns 2012 , 431-438		1
48	Design of Z-section purlins under combined axial compression and bending 2013 , 429-430		1
47	Strength predictions of circular hollow section T-joints of steel grade 1100 MPa. <i>Journal of Constructional Steel Research</i> , 2022 , 188, 107003	3.8	1
46	Structural performance of cold-formed steel built-up section beams under non-uniform bending. <i>Journal of Constructional Steel Research</i> , 2022 , 189, 107050	3.8	1
45	Web crippling design of cold-formed steel built-up I-sections. <i>Engineering Structures</i> , 2022 , 252, 113731	4.7	1
44	Design of ferritic stainless steel tubular sections subjected to concentrated bearing load 2017 , 513-521		1
43	Behaviour of cold-formed lean duplex stainless steel sections 2012 , 399-405		1
42	Experimental and numerical studies on stress concentration factors of high strength steel fabricated box X-joints. <i>Thin-Walled Structures</i> , 2021 , 164, 107858	4.7	1
41	Behaviour of composite frames with castellated steel beams at elevated temperatures. <i>Advances in Structural Engineering</i> , 2016 , 19, 1060-1076	1.9	1
40	Design of cold-formed stainless steel RHS and SHS beam—columns at elevated temperatures. <i>Thin-Walled Structures</i> , 2021 , 165, 107960	4.7	1
39	Mode Interaction in Cold-Formed Steel Members: State-of-Art Report. <i>Ce/Papers</i> , 2021 , 4, 34-64	0.3	1
38	Numerical assessment of stainless steel tubular T-joints subjected to brace and chord axial forces. <i>Ce/Papers</i> , 2021 , 4, 2495-2503	0.3	1
37	Ultimate resistances of member-rotated cold-formed high strength steel tubular T-joints under compression loads. <i>Engineering Structures</i> , 2021 , 244, 112601	4.7	1
36	Post-fire behaviour of cold-formed high strength steel tubular T- and X-joints. <i>Journal of Constructional Steel Research</i> , 2021 , 186, 106859	3.8	1
35	Experimental study on cold-formed steel built-up section beam-columns experiencing non-uniform bending. <i>Engineering Structures</i> , 2022 , 256, 113954	4.7	1
34	Design of cold-formed steel built-up open section members under combined compression and bending. <i>Thin-Walled Structures</i> , 2022 , 172, 108890	4.7	0

33	Cold-formed stainless steel RHS members undergoing combined bending and web crippling: Testing, modelling and design. <i>Engineering Structures</i> , 2022 , 250, 113466	4-7	○
32	Web crippling of cold-formed steel built-up box sections. <i>Thin-Walled Structures</i> , 2022 , 171, 108789	4-7	○
31	Effect of member orientation on static strengths of cold-formed high strength steel tubular X-joints. <i>Thin-Walled Structures</i> , 2022 , 170, 108501	4-7	○
30	Design and tests of cold-formed high strength stainless steel tubular sections subjected to web crippling 2017 , 277-283		○
29	Tests of aluminum alloy perforated built-up sections subjected to bending. <i>Thin-Walled Structures</i> , 2021 , 158, 107136	4-7	○
28	Cross-Sectional Behavior of Austenitic Stainless Steel Welded I-Sections under Major-Axis Combined Loading. <i>Journal of Structural Engineering</i> , 2021 , 147, 04021202	3	○
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