

Ben Young

List of Publications by Year in Descending Order

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

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 cold-formed steel built-up I-sections with perforated web under localized forces. <i>Journal of Constructional Steel Research</i> , 2022 , 190, 107129	3.8	
373	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
372	Beam-Column Tests of Cold-Formed Steel Built-Up Closed Sections. <i>Journal of Structural Engineering</i> , 2022 , 148,	3	2
371	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	0
370	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
369	Design of cold-formed ferritic stainless steel RHS perforated beams. <i>Engineering Structures</i> , 2022 , 250, 113372	4.7	
368	Web crippling of cold-formed steel built-up box sections. <i>Thin-Walled Structures</i> , 2022 , 171, 108789	4.7	0
367	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
366	Web crippling design of cold-formed steel built-up I-sections. <i>Engineering Structures</i> , 2022 , 252, 113731	4.7	1
365	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
364	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	0
363	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
362	Cold-formed high strength steel tubular beam-columns. <i>Engineering Structures</i> , 2021 , 230, 111618	4.7	10
361	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
360	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
359	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
358	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

357	Flexural behaviour of cold-formed steel oval hollow section beams. <i>Journal of Constructional Steel Research</i> , 2021 , 180, 106605	3.8	4
356	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
355	Beam-column design of cold-formed steel semi-oval hollow non-slender sections. <i>Thin-Walled Structures</i> , 2021 , 162, 107376	4.7	21
354	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
353	Post-fire mechanical response of high strength steels. <i>Thin-Walled Structures</i> , 2021 , 164, 107606	4.7	4
352	Web crippling design of lean duplex stainless steel tubular members under interior loading conditions. <i>Engineering Structures</i> , 2021 , 238, 112192	4.7	4
351	Static resistances of cold-formed high strength steel tubular non-90° X-Joints. <i>Engineering Structures</i> , 2021 , 239, 112064	4.7	7
350	Numerical investigation and design of fully chord supported tubular T-joints. <i>Engineering Structures</i> , 2021 , 239, 112063	4.7	7
349	Design of cold-formed high strength steel tubular T-joints under compression loads. <i>Thin-Walled Structures</i> , 2021 , 164, 107573	4.7	5
348	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
347	Structural performance of concrete-filled cold-formed high-strength steel octagonal tubular stub columns. <i>Engineering Structures</i> , 2021 , 239, 112360	4.7	7
346	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
345	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
344	Structural behaviour and design of high strength steel CHS T-joints. <i>Thin-Walled Structures</i> , 2021 , 159, 107215	4.7	4
343	Tests of aluminum alloy perforated built-up sections subjected to bending. <i>Thin-Walled Structures</i> , 2021 , 158, 107136	4.7	0
342	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
341	Testing, finite element analysis and design of high strength steel RHS T-joints. <i>Engineering Structures</i> , 2021 , 227, 111184	4.7	5
340	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

339	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
338	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
337	Mode Interaction in Cold-Formed Steel Members: State-of-Art Report. <i>Ce/Papers</i> , 2021 , 4, 34-64	0.3	1
336	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
335	Stress concentration factors of cold-formed high strength steel tubular T-joints. <i>Thin-Walled Structures</i> , 2021 , 166, 107996	4.7	2
334	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
333	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
332	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
331	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
330	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
329	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
328	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
327	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
326	Behaviour of duplex stainless steel bolted connections. <i>Thin-Walled Structures</i> , 2021 , 169, 108380	4.7	3
325	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	0
324	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
323	Tests of cold-formed normal and high strength steel tubes under tension. <i>Thin-Walled Structures</i> , 2020 , 153, 106844	4.7	6
322	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

321	Tensile Tests of Cold-Formed Stainless Steel Tubes. <i>Journal of Structural Engineering</i> , 2020 , 146, 04020165	8
320	Design of Aluminum Alloy Channel Section Beams. <i>Journal of Structural Engineering</i> , 2020 , 146, 04020074	3
319	Beam-column tests of cold-formed steel elliptical hollow sections. <i>Engineering Structures</i> , 2020 , 210, 109911	4.7 28
318	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
317	Web crippling of aluminium alloy channel sections with flanges restrained. <i>Thin-Walled Structures</i> , 2020 , 148, 106576	4.7 4
316	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
315	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
314	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
313	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
312	Experimental study on the behaviour and strength of high strength steel CHS T- and X-joints. <i>Engineering Structures</i> , 2020 , 206, 110182	4.7 12
311	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
310	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
309	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
308	Behaviour of concrete-filled cold-formed high strength steel circular stub columns. <i>Thin-Walled Structures</i> , 2020 , 157, 107078	4.7 15
307	Effects of End Distance and Temperature on Thin-Sheet Steel Double Shear-Bolted Connections. <i>Journal of Structural Engineering</i> , 2020 , 146, 04020120	3
306	Mode interaction in cold-formed steel members: state-of-art report. <i>Steel Construction</i> , 2020 , 13, 186-207.5	5
305	Mode interaction in cold-formed steel members: state-of-art report. <i>Steel Construction</i> , 2020 , 13, 165-185.5	4
304	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

303	Behavior of Octagonal High-Strength Steel Tubular Stub Columns. <i>Journal of Structural Engineering</i> , 2019 , 145, 04019150	3	20
302	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
301	Material properties of normal and high strength aluminium alloys at elevated temperatures. <i>Thin-Walled Structures</i> , 2019 , 137, 463-471	4.7	26
300	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
299	Mechanical properties of thin sheet steel after exposure to high temperatures. <i>Thin-Walled Structures</i> , 2019 , 142, 460-475	4.7	8
298	Cold-Formed High-Strength Steel Tubular Structural Members under Combined Bending and Bearing. <i>Journal of Structural Engineering</i> , 2019 , 145, 04019081	3	4
297	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
296	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	1.9	4
295	Design of aluminium alloy beams at elevated temperatures. <i>Thin-Walled Structures</i> , 2019 , 140, 506-515	4.7	11
294	Cold-Formed Lean Duplex Stainless Steel Tubular Members under Concentrated Interior Bearing Loads. <i>Journal of Structural Engineering</i> , 2019 , 145, 04019056	3	7
293	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
292	Numerical study and design of aluminium alloy channel section columns with welds. <i>Thin-Walled Structures</i> , 2019 , 139, 139-150	4.7	4
291	Aluminium alloy channels subjected to web crippling. <i>Advances in Structural Engineering</i> , 2019 , 22, 1617-1630	1.9	3
290	Behaviour of cold-formed high strength steel RHS under localised bearing forces. <i>Engineering Structures</i> , 2019 , 183, 1049-1058	4.7	14
289	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
288	Cross-sectional capacity of octagonal tubular steel stub columns under uniaxial compression. <i>Engineering Structures</i> , 2019 , 184, 480-494	4.7	22
287	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
286	Engineering modular integrated construction for high-rise building: a case study in Hong Kong. <i>Proceedings of the Institution of Civil Engineers: Civil Engineering</i> , 2019 , 172, 51-57	0.4	9

285	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
284	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
283	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
282	Structural behavior of cold-formed steel semi-oval hollow section beams. <i>Engineering Structures</i> , 2019 , 185, 400-411	4.7	27
281	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
280	Effects of end distance on thin sheet steel bolted connections. <i>Engineering Structures</i> , 2019 , 196, 109331-109344	4.7	11
279	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
278	Compression capacities of cold-formed high strength steel tubular T-joints. <i>Journal of Constructional Steel Research</i> , 2019 , 162, 105650	3.8	23
277	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
276	Tests of cold-formed high strength steel tubular T-joints. <i>Thin-Walled Structures</i> , 2019 , 143, 106200	4.7	21
275	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
274	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
273	Cross-section behavior of cold-formed steel elliptical hollow sections [A numerical study. <i>Engineering Structures</i> , 2019 , 201, 109797	4.7	4
272	Tests of cold-formed steel built-up open section beam-columns 2019 , 1077-1082		1
271	Behavior of double-shear high strength steel bolted connections at elevated temperatures 2019 , 1266-1270		
270	Recent developments in cold-formed steel structures 2019 , 3-10		
269	Compression Tests of Cold-Formed Steel C- and Z-Sections with Different Stiffeners. <i>Journal of Structural Engineering</i> , 2019 , 145, 04019022	3	11
268	Structural behaviour and design of high strength steel RHS X-joints. <i>Engineering Structures</i> , 2019 , 200, 109494	4.7	14

267	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
266	Structural performance of cold-formed steel elliptical hollow section pin-ended columns. <i>Thin-Walled Structures</i> , 2019 , 136, 267-279	4.7	24
265	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
264	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
263	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
262	Behaviour of aluminium alloy plain and lipped channel columns. <i>Thin-Walled Structures</i> , 2019 , 135, 306-316	4.7	12
261	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
260	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
259	Design of Cold-Formed High-Strength Steel Tubular Stub Columns. <i>Journal of Structural Engineering</i> , 2018 , 144, 04018063	3	29
258	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
257	Design of CFRP-strengthened aluminium alloy tubular sections subjected to web crippling. <i>Thin-Walled Structures</i> , 2018 , 124, 605-621	4.7	3
256	Design of aluminium alloy stocky hollow sections subjected to concentrated transverse loads. <i>Thin-Walled Structures</i> , 2018 , 124, 546-557	4.7	12
255	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
254	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
253	CFS lipped channel columns affected by L-D-G interaction. Part II: Numerical simulations and design considerations. <i>Computers and Structures</i> , 2018 , 207, 200-218	4.5	9
252	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
251	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
250	Experimental Investigation of Concrete-Filled High-Strength Steel Tubular X Joints. <i>Journal of Structural Engineering</i> , 2018 , 144, 04018178	3	12

249	Fire resistance of stainless steel single shear bolted connections. <i>Thin-Walled Structures</i> , 2018 , 130, 332-346	4.7	8
248	Static strength of stainless steel K- and N-joints at elevated temperatures. <i>Thin-Walled Structures</i> , 2018 , 122, 501-509	4.7	15
247	Structural performance of cold-formed high strength steel tubular columns. <i>Engineering Structures</i> , 2018 , 177, 473-488	4.7	24
246	Cross-sectional behavior of cold-formed steel semi-oval hollow sections. <i>Engineering Structures</i> , 2018 , 177, 318-330	4.7	31
245	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
244	Concrete-filled double-skin aluminum circular hollow section stub columns. <i>Thin-Walled Structures</i> , 2018 , 133, 141-152	4.7	16
243	Web crippling of cold-formed ferritic stainless steel square and rectangular hollow sections. <i>Engineering Structures</i> , 2018 , 176, 968-980	4.7	19
242	Design of cold-formed high strength steel tubular sections undergoing web crippling. <i>Thin-Walled Structures</i> , 2018 , 133, 192-205	4.7	24
241	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
240	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
239	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
238	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
237	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
236	Mechanical properties of lean duplex stainless steel at post-fire condition. <i>Thin-Walled Structures</i> , 2018 , 130, 564-576	4.7	14
235	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
234	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
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	Tests of cold-formed high strength steel tubular sections undergoing web crippling. <i>Engineering Structures</i> , 2017 , 141, 571-583	4.7	26

231	Classification of aluminium alloy cross-sections. <i>Engineering Structures</i> , 2017 , 141, 29-40	4.7	7
230	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
229	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
228	Cold-formed ferritic stainless steel tubular structural members subjected to concentrated bearing loads. <i>Engineering Structures</i> , 2017 , 145, 392-405	4.7	37
227	Material properties of cold-formed high strength steel at elevated temperatures. <i>Thin-Walled Structures</i> , 2017 , 115, 289-299	4.7	51
226	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
225	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
224	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
223	Post-fire behaviour of ferritic stainless steel material. <i>Construction and Building Materials</i> , 2017 , 157, 654-667	6.7	40
222	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
221	Design of cold-formed high strength steel tubular beams. <i>Engineering Structures</i> , 2017 , 151, 432-443	4.7	26
220	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
219	10.37: Mechanical properties of high strength aluminium alloy at elevated temperatures. <i>Ce/Papers</i> , 2017 , 1, 2831-2839	0.3	2
218	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
217	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
216	01.09: Transient state tests of cold-formed stainless steel bolted connections. <i>Ce/Papers</i> , 2017 , 1, 234-242	0.3	2
215	Tests of stainless steel RHS X-joints 2017 , 269-276		1
214	Experimental investigation of concrete-filled lean duplex stainless steel RHS stub columns 2017 , 95-100		2

213	Experimental investigation of concrete-filled cold-formed steel elliptical stub columns 2017 , 109-115		4
212	High strength steel tubular X-joints—An experimental insight under axial compression 2017 , 223-230		1
211	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
210	Experimental study on cold-formed steel semi-oval hollow section columns 2017 , 549-556		
209	Design of ferritic stainless steel tubular sections subjected to concentrated bearing load 2017 , 513-521		1
208	Structural performance of concrete-filled double skin tubular beams with eccentric inner tubes 2017 , 117-123		
207	Tests of concrete-filled high strength steel tubular X-joints under compression 2017 , 137-143		
206	Numerical investigation on static strength of CHS X-joints using S700 and S900 steel 2017 , 475-480		
205	Structural behaviour of octagonal tubular steel stub columns under uniaxial compression 2017 , 567-572		
204	Design and tests of cold-formed high strength stainless steel tubular sections subjected to web crippling 2017 , 277-283		0
203	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
202	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
201	The continuous strength method for the design of aluminium alloy structural elements. <i>Engineering Structures</i> , 2016 , 122, 338-348	4-7	69
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190	Mechanical properties of cold-formed high strength steel at elevated temperatures 2016 , 1022-1027		
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17	Measurement techniques in the testing of thin-walled structural members. <i>Experimental Mechanics</i> , 2003 , 43, 32-38	2.6	10
16	Buckling of stainless steel square hollow section compression members. <i>Journal of Constructional Steel Research</i> , 2003 , 59, 165-177	3.8	86

15	Cold-Formed Steel Channels Subjected to Concentrated Bearing Load. <i>Journal of Structural Engineering</i> , 2003 , 129, 1003-1010	3	15
14	Experimental Investigation of Cold-Formed Stainless Steel Columns. <i>Journal of Structural Engineering</i> , 2003 , 129, 169-176	3	70
13	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
12	Column Tests of Cold-Formed Steel Channels with Complex Stiffeners. <i>Journal of Structural Engineering</i> , 2002 , 128, 737-745	3	43
11	Compression Tests of Stainless Steel Tubular Members. <i>Journal of Structural Engineering</i> , 2002 , 128, 754-761	3	70
10	Channel Columns Undergoing Local, Distortional, and Overall Buckling. <i>Journal of Structural Engineering</i> , 2002 , 128, 728-736	3	29
9	Tests of Channels Subjected to Combined Bending and Web Crippling. <i>Journal of Structural Engineering</i> , 2002 , 128, 300-308	3	14
8	Tests of X- and K-Joints in SHS Stainless Steel Tubes. <i>Journal of Structural Engineering</i> , 2001 , 127, 1173-1182	3	40
7	Design of Cold-Formed Channels Subjected to Web Crippling. <i>Journal of Structural Engineering</i> , 2001 , 127, 1137-1144	3	88
6	Inelastic bifurcation of cold-formed singly symmetric columns. <i>Thin-Walled Structures</i> , 2000 , 36, 213-230	4.7	7
5	Shift of Effective Centroid of Channel Columns. <i>Journal of Structural Engineering</i> , 1999 , 125, 524-531	3	42
4	Behaviour of cold-formed singly symmetric columns. <i>Thin-Walled Structures</i> , 1999 , 33, 83-102	4.7	30
3	Design of Lipped Channel Columns. <i>Journal of Structural Engineering</i> , 1998 , 124, 140-148	3	69
2	Tests of Fixed-Ended Plain Channel Columns. <i>Journal of Structural Engineering</i> , 1998 , 124, 131-139	3	65
1	Bifurcation of singly symmetric columns. <i>Thin-Walled Structures</i> , 1997 , 28, 155-177	4.7	25