

# Kim J R Rasmussen

## List of Publications by Year in descending order

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196  
papers

5,943  
citations

87401

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111975

67  
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197  
docs citations

197  
times ranked

2132  
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of the imperfection direction on the ultimate response of steel frames in advanced analysis. <i>Journal of Constructional Steel Research</i> , 2022, 190, 107137.	1.7	13
2	Simplified expressions for reliability assessments in code calibration. <i>Engineering Structures</i> , 2022, 256, 114013.	2.6	8
3	Analytical solutions for buckling of space frames subjected to torsional loadings. <i>Thin-Walled Structures</i> , 2022, 173, 108965.	2.7	3
4	Development of friction-damped seismic fuses for steel storage racks. <i>Journal of Constructional Steel Research</i> , 2022, 192, 107216.	1.7	4
5	System-based reliability analysis of stainless steel frames subjected to gravity and wind loads. <i>Structural Safety</i> , 2022, 97, 102211.	2.8	8
6	Numerical investigation of the strength and design of cold-formed steel built-up columns. <i>Journal of Constructional Steel Research</i> , 2022, 193, 107276.	1.7	28
7	Verification of void growth-based exponential damage function for ductile crack initiation over the full range of stress triaxialities. <i>Engineering Fracture Mechanics</i> , 2022, 269, 108571.	2.0	4
8	Buckling shape control in metal plates via material distribution. <i>Thin-Walled Structures</i> , 2022, 179, 109626.	2.7	1
9	Full-Range Behavior of Top-and-Seat Angle Connections. <i>Journal of Structural Engineering</i> , 2021, 147, .	1.7	10
10	System-based reliability analysis of stainless steel frames under gravity loads. <i>Engineering Structures</i> , 2021, 231, 111775.	2.6	19
11	Global buckling capacity of cold-rolled aluminium alloy channel section beams. <i>Journal of Constructional Steel Research</i> , 2021, 179, 106521.	1.7	11
12	Tests and design of built-up section columns. <i>Journal of Constructional Steel Research</i> , 2021, 181, 106619.	1.7	35
13	Statistical data for system-based reliability analysis of stainless steel structures with hollow sections. <i>Ce/Papers</i> , 2021, 4, 1565-1574.	0.1	0
14	Buckling Curves for Cold-Formed Stainless-Steel Columns and Beams. <i>Journal of Structural Engineering</i> , 2021, 147, .	1.7	7
15	Generalised Component Method-based finite element analysis of steel frames. <i>Journal of Constructional Steel Research</i> , 2021, 187, 106949.	1.7	13
16	Distortional buckling behaviour and strength of cold-rolled aluminium alloy beams. <i>Journal of Constructional Steel Research</i> , 2021, 187, 106980.	1.7	4
17	Full-range behaviour of double web angle connections. <i>Journal of Constructional Steel Research</i> , 2020, 166, 105907.	1.7	12
18	Experiments on Long-Span Cold-Formed Steel Single C-Section Portal Frames. <i>Journal of Structural Engineering</i> , 2020, 146, .	1.7	14

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19	Statistical analysis of the material, geometrical and imperfection characteristics of structural stainless steels and members. <i>Journal of Constructional Steel Research</i> , 2020, 175, 106378.	1.7	41
20	The mechanics of built-up cold-formed steel members. <i>Thin-Walled Structures</i> , 2020, 154, 106756.	2.7	51
21	System reliability-based limit state design of support scaffolding systems. <i>Engineering Structures</i> , 2020, 216, 110677.	2.6	14
22	Geometric and material nonlinear analysis of thin-walled members with arbitrary open cross-section. <i>Thin-Walled Structures</i> , 2020, 153, 106783.	2.7	9
23	Utilization of Waste Materials for the Manufacturing of Better-Quality Wear and Corrosion-Resistant Steels. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2020, 51, 2404-2410.	1.1	3
24	Seismic tests of drive-in steel storage racks in cross-aisle direction. <i>Journal of Constructional Steel Research</i> , 2019, 162, 105701.	1.7	9
25	Behaviour of H-section purlin connections in resisting progressive collapse of roofs. <i>Engineering Structures</i> , 2019, 201, 109849.	2.6	1
26	Recent developments of the Component Method. <i>Ce/Papers</i> , 2019, 3, 313-323.	0.1	1
27	Analytical buckling solutions for Levy-type plates with edge and interior point-support(s). <i>Thin-Walled Structures</i> , 2019, 145, 106419.	2.7	12
28	Design of cold-formed steel single C-section portal frames. <i>Journal of Constructional Steel Research</i> , 2019, 162, 105722.	1.7	13
29	Mechanical properties and residual stresses in cold-rolled aluminium channel sections. <i>Engineering Structures</i> , 2019, 199, 109562.	2.6	20
30	Behaviour and modelling of connections in cold-formed steel single C-section portal frames. <i>Thin-Walled Structures</i> , 2019, 143, 106233.	2.7	25
31	Experimental Full-Range Behavior Assessment of Bolted Moment End-Plate Connections. <i>Journal of Structural Engineering</i> , 2019, 145, 04019079.	1.7	20
32	Identification of critical members for progressive collapse analysis of single-layer latticed domes. <i>Engineering Structures</i> , 2019, 188, 111-120.	2.6	16
33	Experimental and numerical study of connection effects in long-span cold-formed steel double channel portal frames. <i>Journal of Constructional Steel Research</i> , 2019, 155, 480-491.	1.7	23
34	System-based limit state design criterion for 3D steel frames under wind loads. <i>Journal of Constructional Steel Research</i> , 2019, 157, 440-449.	1.7	12
35	Numerical modelling of cold-formed steel single C-section portal frames. <i>Journal of Constructional Steel Research</i> , 2019, 158, 143-155.	1.7	18
36	An energy-based approach to buckling modal decomposition of thin-walled members with arbitrary cross sections, Part 1: Derivation. <i>Thin-Walled Structures</i> , 2019, 138, 496-517.	2.7	19

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37	System reliability-based criteria for the design of steel storage rack frames by advanced analysis: Part II – Reliability analysis and design applications. <i>Thin-Walled Structures</i> , 2019, 141, 725-739.	2.7	12
38	System reliability-based criteria for the design of steel storage rack frames by advanced analysis: Part I – Statistical characterisation of system strength. <i>Thin-Walled Structures</i> , 2019, 141, 713-724.	2.7	8
39	Flexural rigidity of cold-formed steel built-up members. <i>Thin-Walled Structures</i> , 2019, 140, 438-449.	2.7	43
40	An energy-based approach to buckling modal decomposition of thin-walled members with arbitrary cross-sections, Part 2: Modified global torsion modes, examples. <i>Thin-Walled Structures</i> , 2019, 138, 518-531.	2.7	15
41	Experimental investigation of long-span cold-formed steel double channel portal frames. <i>Journal of Constructional Steel Research</i> , 2019, 155, 316-330.	1.7	25
42	Reliability calibrations for the design of cold-formed steel portal frames by advanced analysis. <i>Engineering Structures</i> , 2019, 182, 164-171.	2.6	18
43	Generalised component model for structural steel joints. <i>Journal of Constructional Steel Research</i> , 2019, 153, 330-342.	1.7	22
44	Experimental study on the composite action in sheathed and bare built-up cold-formed steel columns. <i>Thin-Walled Structures</i> , 2018, 127, 290-305.	2.7	82
45	System reliability-based Direct Design Method for space frames with cold-formed steel hollow sections. <i>Engineering Structures</i> , 2018, 166, 79-92.	2.6	25
46	Elastic buckling analysis of cold-formed steel built-up sections with discrete fasteners using the compound strip method. <i>Thin-Walled Structures</i> , 2018, 124, 58-71.	2.7	34
47	A unified approach to meshless analysis of thin to moderately thick plates based on a shear-locking-free Mindlin theory formulation. <i>Thin-Walled Structures</i> , 2018, 124, 161-179.	2.7	12
48	Flexural behaviour of steel storage rack beam-to-upright bolted connections. <i>Thin-Walled Structures</i> , 2018, 124, 202-217.	2.7	27
49	System Reliabilities of Planar Gravity Steel Frames Designed by the Inelastic Method in AISC 360-10. <i>Journal of Structural Engineering</i> , 2018, 144, .	1.7	16
50	Experiments on the global buckling and collapse of built-up cold-formed steel columns. <i>Journal of Constructional Steel Research</i> , 2018, 144, 65-80.	1.7	98
51	Modal buckling behaviour of long polygonal tubes in uniform torsion using the generalised c FSM. <i>Thin-Walled Structures</i> , 2018, 128, 141-151.	2.7	8
52	Cyclic performance of steel storage rack beam-to-upright bolted connections. <i>Journal of Constructional Steel Research</i> , 2018, 148, 28-48.	1.7	18
53	Hysteretic behaviour of steel storage rack beam-to-upright boltless connections. <i>Journal of Constructional Steel Research</i> , 2018, 144, 81-105.	1.7	13
54	Elastic buckling of columns with a discrete elastic torsional restraint. <i>Thin-Walled Structures</i> , 2018, 129, 502-511.	2.7	7

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55	Full slenderness range DSM approach for stainless steel hollow cross-sections. Journal of Constructional Steel Research, 2017, 133, 156-166.	1.7	32
56	The generalised constrained finite strip method for thin-walled members in shear. Thin-Walled Structures, 2017, 117, 294-302.	2.7	22
57	Perforated Cold-Formed Steel Members in Compression. I: Parametric Studies. Journal of Structural Engineering, 2017, 143, .	1.7	10
58	Perforated Cold-Formed Steel Members in Compression. II: Design. Journal of Structural Engineering, 2017, 143, .	1.7	11
59	A combined meshfree/finite strip method for analysis of plates with perforations and cracks. Thin-Walled Structures, 2017, 111, 113-125.	2.7	7
60	07.13: On extending the direct strength method to the design of cold-formed steel built-up columns. Ce/Papers, 2017, 1, 1600-1608.	0.1	1
61	08.17: Experimental behaviour of high-strength thin-walled concrete filled steel tubular stub columns. Ce/Papers, 2017, 1, 1976-1985.	0.1	3
62	07.20: Application of the compound strip method in buckling analysis of cold-formed steel built-up sections. Ce/Papers, 2017, 1, 1667-1676.	0.1	2
63	Modelling and probabilistic study of the residual stress of cold-formed hollow steel sections. Engineering Structures, 2017, 150, 986-995.	2.6	19
64	Full slenderness range DSM approach for stainless steel hollow cross-section columns and beam-columns. Journal of Constructional Steel Research, 2017, 138, 246-263.	1.7	24
65	00.01: Future challenges and developments in the design of steel structures – an Australian perspective. Ce/Papers, 2017, 1, 81-94.	0.1	3
66	Experimental Behavior of Concrete-Filled Stainless Steel Tubular Columns under Cyclic Lateral Loading. Journal of Structural Engineering, 2017, 143, .	1.7	36
67	07.17: Design methods for drive-in steel storage racks. Ce/Papers, 2017, 1, 1637-1646.	0.1	0
68	11.34: Cross-aisle seismic behaviour of drive-in rack systems. Ce/Papers, 2017, 1, 3109-3118.	0.1	0
69	11.56: Test rig for seismic experiments of drive-in racks. Ce/Papers, 2017, 1, 3295-3304.	0.1	0
70	05.29: Interaction curves for local and distortional buckling of polygonal tubes in combined torsion and axial loading. Ce/Papers, 2017, 1, 1285-1294.	0.1	0
71	Investigation of U-head rotational stiffness in formwork supporting scaffold systems. Engineering Structures, 2017, 136, 1-11.	2.6	6
72	Reliability-Based Load Requirements for Formwork Shores during Concrete Placement. Journal of Structural Engineering, 2016, 142, 04015094.	1.7	8

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73	System-based design of planar steel frames, I: Reliability framework. Journal of Constructional Steel Research, 2016, 123, 135-143.	1.7	55
74	Closure to "Reliability-Based Load Requirements for Formwork Shores during Concrete Placement" by Hao Zhang, James Reynolds, Kim J. R. Rasmussen, and Bruce R. Ellingwood. Journal of Structural Engineering, 2016, 142, 07016007.	1.7	0
75	Finite element (FE) modelling of storage rack frames. Journal of Constructional Steel Research, 2016, 126, 1-14.	1.7	27
76	Modeling geometric imperfections for reticulated shell structures using random field theory. Engineering Structures, 2016, 126, 481-489.	2.6	43
77	Stress-Strain Model for Ferritic Stainless Steels. Journal of Materials in Civil Engineering, 2016, 28, .	1.3	22
78	Systems Reliability for 3D Steel Frames Subject to Gravity Loads. Structures, 2016, 8, 170-182.	1.7	12
79	System-based design of planar steel frames, II: Reliability results and design recommendations. Journal of Constructional Steel Research, 2016, 123, 154-161.	1.7	24
80	Ultra-light gauge steel storage rack frames. Part 1: Experimental investigations. Journal of Constructional Steel Research, 2016, 124, 57-76.	1.7	5
81	Experimental investigation of locally and distortionally buckled portal frames. Journal of Constructional Steel Research, 2016, 122, 571-583.	1.7	21
82	Ultra-light gauge steel storage rack frames. Part 2 " Analysis and design considerations of second order effects. Journal of Constructional Steel Research, 2016, 124, 37-46.	1.7	5
83	Analytical behavior of concrete filled double steel tubular (CFDST) members under lateral impact. Thin-Walled Structures, 2016, 101, 129-140.	2.7	69
84	Beam-element-based analysis of locally and/or distortionally buckled members: Theory. Thin-Walled Structures, 2016, 98, 285-292.	2.7	17
85	Second-order effects in locally and/or distortionally buckled frames and design based on beam element analysis. Journal of Constructional Steel Research, 2016, 122, 57-69.	1.7	7
86	A rational procedure for modelling imperfections in advanced analysis of frames with locally unstable members. Thin-Walled Structures, 2015, 96, 183-201.	2.7	6
87	Localised geometric imperfection analysis and modelling using the wavelet transform. Thin-Walled Structures, 2015, 96, 202-219.	2.7	2
88	Structural modeling of cold-formed steel portal frames. Structures, 2015, 4, 58-68.	1.7	14
89	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
90	Beam-element-based analysis of locally and/or distortionally buckled members: Application. Thin-Walled Structures, 2015, 95, 127-137.	2.7	8

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91	Local-Global Interaction Buckling of Stainless Steel I-Beams. I: Experimental Investigation. Journal of Structural Engineering, 2015, 141, .	1.7	23
92	Local-Global Interaction Buckling of Stainless Steel I-Beams. II: Numerical Study and Design. Journal of Structural Engineering, 2015, 141, .	1.7	21
93	Wavelet density-based adaptive importance sampling method. Structural Safety, 2015, 52, 161-169.	2.8	27
94	Behavior and Design of Concentrically Loaded T-Section Steel Columns. Journal of Structural Engineering, 2014, 140, .	1.7	4
95	Tests of cold-formed steel portal frames with slender sections. Steel Construction, 2014, 7, 199-203.	0.4	8
96	A model for warping transmission through joints of steel frames. Thin-Walled Structures, 2014, 82, 1-12.	2.7	8
97	Behaviour of high-strength concrete filled steel tubes under transverse impact loading. Journal of Constructional Steel Research, 2014, 92, 25-39.	1.7	168
98	Influence of pallets on the behaviour and design of steel drive-in racks. Journal of Constructional Steel Research, 2014, 97, 10-23.	1.7	8
99	Flexural-torsional buckling of ultra light-gauge steel storage rack uprights. Thin-Walled Structures, 2014, 81, 159-174.	2.7	18
100	GBT-based structural analysis of elastic-plastic thin-walled members. Computers and Structures, 2014, 136, 1-23.	2.4	45
101	Distortional-global interaction buckling of stainless steel C-beams: Part I Experimental investigation. Journal of Constructional Steel Research, 2014, 96, 127-139.	1.7	56
102	Distortional-global interaction buckling of stainless steel C-beams: Part II Numerical study and design. Journal of Constructional Steel Research, 2014, 96, 40-53.	1.7	55
103	Reliabilities of Steel Structural Systems Designed by Inelastic Analysis. , 2014, , .		0
104	System reliabilities in steel structural frame design by inelastic analysis. Engineering Structures, 2014, 81, 341-348.	2.6	38
105	Probabilistic modelling of residual stress in advanced analysis of steel structures. Journal of Constructional Steel Research, 2014, 101, 407-414.	1.7	25
106	On the modelling of initial geometric imperfections of steel frames in advanced analysis. Journal of Constructional Steel Research, 2014, 98, 167-177.	1.7	56
107	The behaviour of pin-ended flange elements in compression. Thin-Walled Structures, 2014, 81, 250-257.	2.7	0
108	System reliability considerations for steel design by inelastic analysis. , 2014, , 3517-3522.		0

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109	System-based design for steel scaffold structures using advanced analysis. Journal of Constructional Steel Research, 2013, 89, 1-8.	1.7	32
110	Carrying Capacity of Stainless Steel Columns in the Low Slenderness Range. Journal of Structural Engineering, 2013, 139, 1088-1092.	1.7	26
111	Analysis-Based Design Provisions for Steel Storage Racks. Journal of Structural Engineering, 2013, 139, 849-859.	1.7	19
112	Stability of Z-Section Purlins Used as Temporary Struts during Construction. Journal of Structural Engineering, 2013, 139, 04013009.	1.7	5
113	Network Effects on Scientific Collaborations. PLoS ONE, 2013, 8, e57546.	1.1	109
114	Drive-In Steel Storage Racks I: Stiffness Tests and 3D Load-Transfer Mechanisms. Journal of Structural Engineering, 2012, 138, 135-147.	1.7	21
115	Drive-In Steel Storage Racks. II: Reliability-Based Design for Forklift Truck Impact. Journal of Structural Engineering, 2012, 138, 148-156.	1.7	7
116	Inelastic local buckling behaviour of perforated plates and sections under compression. Thin-Walled Structures, 2012, 61, 49-70.	2.7	23
117	Determining the transverse shear stiffness of steel storage rack upright frames. Journal of Constructional Steel Research, 2012, 78, 107-116.	1.7	17
118	Reliability assessment of steel scaffold shoring structures for concrete formwork. Engineering Structures, 2012, 36, 81-89.	2.6	46
119	Trend and efficiency analysis of co-authorship network. Scientometrics, 2012, 90, 687-699.	1.6	117
120	Material and geometric nonlinear isoparametric spline finite strip analysis of perforated thin-walled steel structures—Analytical developments. Thin-Walled Structures, 2011, 49, 1359-1373.	2.7	26
121	Material and geometric nonlinear isoparametric spline finite strip analysis of perforated thin-walled steel structures—Numerical investigations. Thin-Walled Structures, 2011, 49, 1374-1391.	2.7	17
122	Evolutionary dynamics of scientific collaboration networks: multi-levels and cross-time analysis. Scientometrics, 2011, 89, 687-710.	1.6	99
123	Structural modelling of support scaffold systems. Journal of Constructional Steel Research, 2011, 67, 866-875.	1.7	50
124	Determination of the base plate stiffness and strength of steel storage racks. Journal of Constructional Steel Research, 2011, 67, 1031-1041.	1.7	33
125	Recent research on the design and behaviour of drive-in steel storage racking systems. Steel Construction, 2011, 4, 232-241.	0.4	1
126	Determination of accidental forklift truck impact forces on drive-in steel rack structures. Engineering Structures, 2011, 33, 1403-1409.	2.6	15

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127	Impact tests and parametric impact studies on drive-in steel storage racks. <i>Engineering Structures</i> , 2011, 33, 1410-1422.	2.6	16
128	Investigation of geometric imperfections and joint stiffness of support scaffold systems. <i>Journal of Constructional Steel Research</i> , 2011, 67, 576-584.	1.7	54
129	ANALYSIS-BASED 2D DESIGN OF STEEL STORAGE RACKS. <i>International Journal of Structural Stability and Dynamics</i> , 2011, 11, 929-947.	1.5	4
130	Bolted moment connections in drive-in and drive-through steel storage racks. <i>Journal of Constructional Steel Research</i> , 2010, 66, 755-766.	1.7	40
131	Probabilistic study of the strength of steel scaffold systems. <i>Structural Safety</i> , 2010, 32, 393-401.	2.8	64
132	Nonlinear buckling optimization of composite structures considering "worst" shape imperfections. <i>International Journal of Solids and Structures</i> , 2010, 47, 3186-3202.	1.3	68
133	Combined Distortional and Overall Flexural-Torsional Buckling of Cold-Formed Stainless Steel Sections: Experimental Investigations. <i>Journal of Structural Engineering</i> , 2010, 136, 354-360.	1.7	67
134	Combined Distortional and Overall Flexural-Torsional Buckling of Cold-Formed Stainless Steel Sections: Design. <i>Journal of Structural Engineering</i> , 2010, 136, 361-369.	1.7	39
135	Experimental Investigation of the Interaction of Local and Overall Buckling of Stainless Steel I-Columns. <i>Journal of Structural Engineering</i> , 2009, 135, 1340-1348.	1.7	85
136	Geometric nonlinear isoparametric spline finite strip analysis of perforated thin-walled structures. <i>Thin-Walled Structures</i> , 2009, 47, 219-232.	2.7	35
137	Full-scale tests on composite steel-concrete beams with steel trapezoidal decking. <i>Journal of Constructional Steel Research</i> , 2009, 65, 1490-1506.	1.7	38
138	Experimental investigation of local-overall interaction buckling of stainless steel lipped channel columns. <i>Journal of Constructional Steel Research</i> , 2009, 65, 1677-1684.	1.7	108
139	A numerical investigation of local-overall interaction buckling of stainless steel lipped channel columns. <i>Journal of Constructional Steel Research</i> , 2009, 65, 1685-1693.	1.7	51
140	Numerical Investigation of the Interaction of Local and Overall Buckling of Stainless Steel I-Columns. <i>Journal of Structural Engineering</i> , 2009, 135, 1349-1356.	1.7	54
141	Isoparametric spline finite strip method for the bending of perforated plates. <i>International Journal for Numerical Methods in Engineering</i> , 2008, 74, 1448-1472.	1.5	8
142	Nonlinear flange curling in wide flange sections. <i>Journal of Constructional Steel Research</i> , 2008, 64, 779-784.	1.7	10
143	The direct strength method for stainless steel compression members. <i>Journal of Constructional Steel Research</i> , 2008, 64, 1231-1238.	1.7	85
144	Elastic buckling analysis of perforated thin-walled structures by the isoparametric spline finite strip method. <i>Thin-Walled Structures</i> , 2008, 46, 165-191.	2.7	41

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145	Linear elastic isoparametric spline finite strip analysis of perforated thin-walled structures. <i>Thin-Walled Structures</i> , 2008, 46, 242-260.	2.7	25
146	Compression Strength of Unstiffened Elements in Cold-Reduced High Strength Steel. <i>Journal of Structural Engineering</i> , 2008, 134, 189-197.	1.7	5
147	Behavior of Self-Drilling Screws in Light-Gauge Steel Construction. <i>Journal of Structural Engineering</i> , 2007, 133, 895-898.	1.7	6
148	Inelastic behaviour and design of slender I-sections in minor axis bending. <i>Journal of Constructional Steel Research</i> , 2007, 63, 1-12.	1.7	13
149	Strength of arc-welded T-joints between equal width cold-formed RHS. <i>Journal of Constructional Steel Research</i> , 2007, 63, 571-579.	1.7	12
150	Bifurcation of locally buckled point symmetric columnsâ€”Experimental investigations. <i>Thin-Walled Structures</i> , 2006, 44, 1175-1184.	2.7	10
151	Bifurcation of locally buckled point symmetric columnsâ€”Analytical developments. <i>Thin-Walled Structures</i> , 2006, 44, 1161-1174.	2.7	3
152	Distortional Buckling of Cold-Formed Stainless Steel Sections: Experimental Investigation. <i>Journal of Structural Engineering</i> , 2006, 132, 497-504.	1.7	69
153	Distortional Buckling of Cold-Formed Stainless Steel Sections: Finite-Element Modeling and Design. <i>Journal of Structural Engineering</i> , 2006, 132, 505-514.	1.7	56
154	Design of Slender Angle Section Beam-Columns by the Direct Strength Method. <i>Journal of Structural Engineering</i> , 2006, 132, 204-211.	1.7	39
155	Measurement and assessment of imperfections in plasma cut-welded H-shaped steel columns. <i>Steel and Composite Structures</i> , 2006, 6, 531-555.	1.3	1
156	Exact and approximate solutions for the flexural buckling of columns with oblique rotational end restraints. <i>Thin-Walled Structures</i> , 2005, 43, 411-426.	2.7	8
157	Flexuralâ€”Torsional Buckling of Columns with Oblique Eccentric Restraints. <i>Journal of Structural Engineering</i> , 2005, 131, 1731-1737.	1.7	6
158	Design of Angle Columns with Locally Unstable Legs. <i>Journal of Structural Engineering</i> , 2005, 131, 1553-1560.	1.7	53
159	Finite-Element Analysis of the Flexural Buckling of Columns with Oblique Restraints. <i>Journal of Structural Engineering</i> , 2005, 131, 481-487.	1.7	7
160	Design of Stiffened Elements in Cold-Formed Stainless Steel Sections. <i>Journal of Structural Engineering</i> , 2004, 130, 1764-1771.	1.7	12
161	Compression Tests of Cold-Reduced High Strength Steel Sections. II: Long Columns. <i>Journal of Structural Engineering</i> , 2004, 130, 1782-1789.	1.7	19
162	Design Provisions for Sections Containing Unstiffened Elements with Stress Gradient. <i>Journal of Structural Engineering</i> , 2004, 130, 1620-1628.	1.7	25

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163	On the strength of cast iron columns. Journal of Constructional Steel Research, 2004, 60, 1257-1270.	1.7	22
164	Measurement techniques in the testing of thin-walled structural members. Experimental Mechanics, 2003, 43, 32-38.	1.1	18
165	Full-range stress-strain curves for stainless steel alloys. Journal of Constructional Steel Research, 2003, 59, 47-61.	1.7	668
166	Numerical modelling of stainless steel plates in compression. Journal of Constructional Steel Research, 2003, 59, 1345-1362.	1.7	64
167	Strength Curves for Metal Plates in Compression. Journal of Structural Engineering, 2003, 129, 1433-1440.	1.7	19
168	Nonlinear Analysis of Locally Buckled I-Section Steel Beam-Columns. Australian Journal of Structural Engineering, 2002, 3, 171-200.	0.4	3
169	Interaction curves for locally buckled I-section beam-columns. Journal of Constructional Steel Research, 2002, 58, 213-241.	1.7	22
170	The Background of AS/NZS4673:2001 " Cold-formed Stainless Steel Structures. , 2002, , .		0
171	Selection criteria in the structural use of stainless steel alloys. , 2002, , .		0
172	Tests of X- and K-Joints in SHS Stainless Steel Tubes. Journal of Structural Engineering, 2001, 127, 1173-1182.	1.7	47
173	Tests of X- and K-Joints in CHS Stainless Steel Tubes. Journal of Structural Engineering, 2001, 127, 1183-1189.	1.7	34
174	Buckling analysis of thin-walled structures: numerical developments and applications. Structural Control and Health Monitoring, 2000, 2, 359-368.	0.7	4
175	Strength curves for aluminium alloy columns. Engineering Structures, 2000, 22, 1505-1517.	2.6	35
176	Recent research on stainless steel tubular structures. Journal of Constructional Steel Research, 2000, 54, 75-88.	1.7	41
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