

Wei Wang

List of Publications by Year in descending order

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153
papers

4,198
citations

94381

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all docs

154
docs citations

154
times ranked

976
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-centring behaviour of steel and steel-concrete composite connections equipped with NiTi SMA bolts. <i>Engineering Structures</i> , 2017, 150, 390-408.	2.6	172
2	Self-centering friction spring dampers for seismic resilience. <i>Earthquake Engineering and Structural Dynamics</i> , 2019, 48, 1045-1065.	2.5	144
3	Superelastic NiTi SMA cables: Thermal-mechanical behavior, hysteretic modelling and seismic application. <i>Engineering Structures</i> , 2019, 183, 533-549.	2.6	125
4	Seismic resilient steel structures: A review of research, practice, challenges and opportunities. <i>Journal of Constructional Steel Research</i> , 2022, 191, 107172.	1.7	123
5	Self-Centering Beam-to-Column Connections with Combined Superelastic SMA Bolts and Steel Angles. <i>Journal of Structural Engineering</i> , 2017, 143, .	1.7	119
6	Peak and residual responses of steel moment-resisting and braced frames under pulse-like near-fault earthquakes. <i>Engineering Structures</i> , 2018, 177, 579-597.	2.6	112
7	Performance of practical beam-to-SHS column connections against progressive collapse. <i>Engineering Structures</i> , 2016, 106, 332-347.	2.6	111
8	Innovative use of a shape memory alloy ring spring system for self-centering connections. <i>Engineering Structures</i> , 2017, 153, 503-515.	2.6	99
9	Large size superelastic SMA bars: heat treatment strategy, mechanical property and seismic application. <i>Smart Materials and Structures</i> , 2016, 25, 075001.	1.8	91
10	A study of hybrid self-centring connections equipped with shape memory alloy washers and bolts. <i>Engineering Structures</i> , 2018, 164, 155-168.	2.6	89
11	Parameter calibrations and application of micromechanical fracture models of structural steels. <i>Structural Engineering and Mechanics</i> , 2012, 42, 153-174.	1.0	82
12	Experimental investigation of beam-to-tubular column moment connections under column removal scenario. <i>Journal of Constructional Steel Research</i> , 2013, 88, 244-255.	1.7	77
13	Manufacturing and performance of a novel self-centering damper with shape memory alloy ring springs for seismic resilience. <i>Structural Control and Health Monitoring</i> , 2019, 26, e2337.	1.9	77
14	Progressive collapse of steel moment-resisting frame subjected to loss of interior column: Experimental tests. <i>Engineering Structures</i> , 2017, 150, 203-220.	2.6	71
15	Experimental investigation on lightweight concrete-filled cold-formed elliptical hollow section stub columns. <i>Journal of Constructional Steel Research</i> , 2015, 115, 434-444.	1.7	70
16	Ductile fracture prediction for welded steel connections under monotonic loading based on micromechanical fracture criteria. <i>Engineering Structures</i> , 2015, 94, 16-28.	2.6	69
17	Effect of beam web bolt arrangement on catenary behaviour of moment connections. <i>Journal of Constructional Steel Research</i> , 2015, 104, 22-36.	1.7	68
18	Cyclic behavior of connections equipped with NiTi shape memory alloy and steel tendons between H-shaped beam to CHS column. <i>Engineering Structures</i> , 2015, 88, 37-50.	2.6	60

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19	Application of an Innovative SMA Ring Spring System for Self-Centering Steel Frames Subject to Seismic Conditions. <i>Journal of Structural Engineering</i> , 2018, 144, .	1.7	60
20	Behavior and Design of Self-Centering Energy Dissipative Devices Equipped with Superelastic SMA Ring Springs. <i>Journal of Structural Engineering</i> , 2019, 145, .	1.7	60
21	Hysteretic behaviour of tubular joints under cyclic loading. <i>Journal of Constructional Steel Research</i> , 2007, 63, 1384-1395.	1.7	59
22	Variable-friction self-centering energy-dissipation braces (VF-SCEDBs) with NiTi SMA cables for seismic resilience. <i>Journal of Constructional Steel Research</i> , 2020, 175, 106318.	1.7	59
23	Seismic Performance of Self-centering Steel Frames with SMA-viscoelastic Hybrid Braces. <i>Journal of Earthquake Engineering</i> , 2022, 26, 5004-5031.	1.4	57
24	Performance assessment of disc spring-based self-centering braces for seismic hazard mitigation. <i>Engineering Structures</i> , 2021, 242, 112527.	2.6	54
25	Seismic evaluation of low-rise steel building frames with self-centering energy-absorbing rigid cores designed using a force-based approach. <i>Engineering Structures</i> , 2020, 204, 110038.	2.6	53
26	Seismic performance of beam–column joints with SMA tendons strengthened by steel angles. <i>Journal of Constructional Steel Research</i> , 2015, 109, 61-71.	1.7	52
27	Seismic economic losses in mid-rise steel buildings with conventional and emerging lateral force resisting systems. <i>Engineering Structures</i> , 2020, 204, 110021.	2.6	52
28	Development and Experimental Study of Disc Spring–Based Self-Centering Devices for Seismic Resilience. <i>Journal of Structural Engineering</i> , 2021, 147, .	1.7	47
29	Development and validation test of a novel Self-centering Energy-absorbing Dual Rocking Core (SEDRC) system for seismic resilience. <i>Engineering Structures</i> , 2020, 211, 110424.	2.6	46
30	Experimental and numerical studies on self-centring beam-to-column connections free from frame expansion. <i>Engineering Structures</i> , 2019, 198, 109526.	2.6	45
31	A special reinforcing technique to improve resistance of beam-to-tubular column connections for progressive collapse prevention. <i>Engineering Structures</i> , 2016, 117, 26-39.	2.6	44
32	Behavior and design of top flange-rotated self-centering steel connections equipped with SMA ring spring dampers. <i>Journal of Constructional Steel Research</i> , 2019, 159, 315-329.	1.7	43
33	Predicting risk for portal vein thrombosis in acute pancreatitis patients: A comparison of radical basis function artificial neural network and logistic regression models. <i>Journal of Critical Care</i> , 2017, 39, 115-123.	1.0	42
34	Cyclic behavior of endplate connections to tubular columns with novel slip-critical blind bolts. <i>Engineering Structures</i> , 2017, 148, 949-962.	2.6	41
35	Behavior of thick-walled CHS X-joints under cyclic out-of-plane bending. <i>Journal of Constructional Steel Research</i> , 2010, 66, 826-834.	1.7	40
36	Seismic Behavior of Self-Centering Modular Panel with Slit Steel Plate Shear Walls: Experimental Testing. <i>Journal of Structural Engineering</i> , 2018, 144, .	1.7	40

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37	Behaviours of concrete-filled cold-formed elliptical hollow section beam-columns with varying aspect ratios. <i>Thin-Walled Structures</i> , 2017, 120, 9-28.	2.7	39
38	Enhancing seismic performance of tension-only concentrically braced beam-through frames through implementation of rocking cores. <i>Engineering Structures</i> , 2018, 169, 68-80.	2.6	38
39	Superior low-cycle fatigue performance of iron-based SMA for seismic damping application. <i>Journal of Constructional Steel Research</i> , 2021, 184, 106817.	1.7	38
40	Self-centering energy-absorbing rocking core system with friction spring damper: Experiments, modeling and design. <i>Engineering Structures</i> , 2020, 225, 111338.	2.6	36
41	An experimental study on eccentrically braced beam-through steel frames with replaceable shear links. <i>Engineering Structures</i> , 2020, 206, 110185.	2.6	35
42	Comparative seismic fragility assessment of mid-rise steel buildings with non-buckling (BRB and SMA) braced frames and self-centering energy-absorbing dual rocking core system. <i>Soil Dynamics and Earthquake Engineering</i> , 2021, 142, 106546.	1.9	35
43	Bidirectional seismic performance of steel beam to circular tubular column connections with outer diaphragm. <i>Earthquake Engineering and Structural Dynamics</i> , 2011, 40, 1063-1081.	2.5	34
44	Experimental and numerical investigation on full-scale tension-only concentrically braced steel beam-through frames. <i>Journal of Constructional Steel Research</i> , 2013, 80, 369-385.	1.7	32
45	Experimental study of through diaphragm connection types under a column removal scenario. <i>Journal of Constructional Steel Research</i> , 2015, 112, 293-304.	1.7	32
46	SMA-Based Low-Damage Solution for Self-Centering Steel and Composite Beam-to-Column Connections. <i>Journal of Structural Engineering</i> , 2020, 146, .	1.7	31
47	Experimental evaluation and numerical simulation of low-yield-point steel shear panel dampers. <i>Engineering Structures</i> , 2021, 245, 112860.	2.6	31
48	Slab effect of composite subassemblies under a column removal scenario. <i>Journal of Constructional Steel Research</i> , 2017, 129, 141-155.	1.7	30
49	Self-centering companion spines with friction spring dampers: Validation test and direct displacement-based design. <i>Engineering Structures</i> , 2021, 238, 112191.	2.6	30
50	Deep learning-based bolt loosening detection for wind turbine towers. <i>Structural Control and Health Monitoring</i> , 2022, 29, .	1.9	30
51	Experimental Investigation of Beam-Through Steel Frames with Self-Centering Modular Panels. <i>Journal of Structural Engineering</i> , 2017, 143, .	1.7	29
52	Performance-based seismic design method for retrofitting steel moment-resisting frames with self-centering energy-absorbing dual rocking core system. <i>Journal of Constructional Steel Research</i> , 2022, 188, 106986.	1.7	28
53	Self-centering hybrid dampers for improving seismic resilience. <i>Engineering Structures</i> , 2021, 244, 112829.	2.6	27
54	Full-scale test of a steel moment-resisting frame with composite floor under a penultimate edge column removal scenario. <i>Journal of Constructional Steel Research</i> , 2019, 162, 105717.	1.7	26

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55	Comparative Study on Seismic Fragility Assessment of Self-Centering Energy-Absorbing Dual Rocking Core versus Buckling Restrained Braced Systems under Mainshock-Aftershock Sequences. Journal of Structural Engineering, 2021, 147, .	1.7	26
56	Simulation of ductile fracture in welded tubular connections using a simplified damage plasticity model considering the effect of stress triaxiality and Lode angle. Journal of Constructional Steel Research, 2015, 114, 217-236.	1.7	25
57	Full-scale shake table tests of the tension-only concentrically braced steel beam-through frame. Journal of Constructional Steel Research, 2018, 148, 611-626.	1.7	25
58	Seismic performance of steel H-beam to SHS-column cast modular panel zone joints. Engineering Structures, 2016, 117, 145-160.	2.6	24
59	Performance-based design of self-centering energy-absorbing dual rocking core system. Journal of Constructional Steel Research, 2021, 181, 106630.	1.7	24
60	Progressive collapse behaviour of endplate connections to cold-formed tubular column with novel Slip-Critical Blind Bolts. Thin-Walled Structures, 2018, 131, 404-416.	2.7	23
61	Shape Memory Alloys for Seismic Resilience. , 2020, , .		22
62	Quantification of seismic demands of damage-control tension-only concentrically braced steel beam-through frames (TCBSBFs) subjected to near-fault ground motions based on the energy factor. Soil Dynamics and Earthquake Engineering, 2020, 129, 105910.	1.9	22
63	Seismic performance of concrete-filled SHS column-to-beam connections with slip-critical blind bolts. Journal of Constructional Steel Research, 2020, 170, 106075.	1.7	22
64	Nonlinear seismic performance of beam-through steel frames with self-centering modular panel and replaceable hysteretic dampers. Journal of Constructional Steel Research, 2020, 170, 106091.	1.7	21
65	FE modelling of replaceable I-beam-to-CHS column joints under cyclic loads. Journal of Constructional Steel Research, 2017, 138, 221-234.	1.7	20
66	Progressive collapse simulation of the steel-concrete composite floor system considering ductile fracture of steel. Engineering Structures, 2019, 200, 109701.	2.6	19
67	Experiment and constitutive modeling on cyclic plasticity behavior of LYP100 under large strain range. Construction and Building Materials, 2019, 202, 507-521.	3.2	19
68	Residual displacement ratio demand of oscillators representing HSSF-EDBs subjected to near-fault earthquake ground motions. Engineering Structures, 2019, 191, 598-610.	2.6	19
69	Seismic design and performance evaluation of low-rise steel buildings with self-centering energy-absorbing dual rocking core systems under far-field and near-fault ground motions. Journal of Constructional Steel Research, 2021, 179, 106545.	1.7	19
70	Effects of loading patterns on seismic behavior of CHS KK-connections under out-of-plane bending. Journal of Constructional Steel Research, 2012, 73, 55-65.	1.7	18
71	Effects of different steel-concrete composite slabs on rigid steel beam-column connection under a column removal scenario. Journal of Constructional Steel Research, 2019, 153, 55-70.	1.7	18
72	Seismic design of multistory tension-only concentrically braced beam-through frames aimed at uniform inter-story drift. Journal of Constructional Steel Research, 2016, 122, 326-338.	1.7	17

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73	Column-wall failure mode of steel moment connection with inner diaphragm and catenary mechanism. <i>Engineering Structures</i> , 2017, 131, 553-563.	2.6	17
74	Full-Scale Test of a Steel-Concrete Composite Floor System with Moment-Resisting Connections under a Middle-Edge Column Removal Scenario. <i>Journal of Structural Engineering</i> , 2020, 146, .	1.7	17
75	Auto-Regressive Integrated Moving-Average Machine Learning for Damage Identification of Steel Frames. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 6084.	1.3	17
76	Seismic design of low-rise steel building frames with self-centering panels and steel strip braces. <i>Engineering Structures</i> , 2020, 216, 110730.	2.6	17
77	Modelling and classification of tubular joint rigidity and its effect on the global response of CHS lattice girders. <i>Structural Engineering and Mechanics</i> , 2005, 21, 677-698.	1.0	17
78	Manufacturing, testing and simulation of novel SMA-based variable friction dampers with enhanced deformability. <i>Journal of Building Engineering</i> , 2022, 45, 103513.	1.6	16
79	Hybrid self-centering rocking core system with friction spring and viscous dampers for seismic resilience. <i>Engineering Structures</i> , 2022, 257, 114102.	2.6	16
80	Self-centering Devices with Paralleled Friction Spring Groups: Development, Experiment and System Behavior. <i>Journal of Earthquake Engineering</i> , 2023, 27, 520-545.	1.4	16
81	A basis for comparing progressive collapse resistance of moment frames and connections. <i>Journal of Constructional Steel Research</i> , 2017, 139, 1-5.	1.7	15
82	Horizontal seismic force demands on nonstructural components in low-rise steel building frames with tension-only braces. <i>Engineering Structures</i> , 2018, 168, 852-864.	2.6	15
83	Fracture resistance curve for single edge notched tension specimens under low cycle actions. <i>Engineering Fracture Mechanics</i> , 2019, 211, 47-60.	2.0	15
84	Probabilistic Nonlinear Displacement Ratio Prediction of Self-centering Energy-absorbing Dual Rocking Core System under Near-fault Ground Motions Using Machine Learning. <i>Journal of Earthquake Engineering</i> , 2023, 27, 488-519.	1.4	15
85	Structural robustness evaluation of steel frame buildings with different composite slabs using reduced-order modeling strategies. <i>Journal of Constructional Steel Research</i> , 2022, 196, 107371.	1.7	15
86	Progressive collapse behaviour of extended endplate connection to square hollow column via blind Holo-Bolts. <i>Thin-Walled Structures</i> , 2018, 131, 681-694.	2.7	14
87	Theoretical evaluation method for the progressive collapse resistance of steel frame buildings. <i>Journal of Constructional Steel Research</i> , 2021, 179, 106576.	1.7	14
88	A framework to link community long-term resilience goals to seismic performance of individual buildings using network-based recovery modeling method. <i>Soil Dynamics and Earthquake Engineering</i> , 2021, 147, 106788.	1.9	14
89	Evaluation of a Full-Scale Friction Spring-Based Self-Centering Damper Considering Cumulative Seismic Demand. <i>Journal of Structural Engineering</i> , 2022, 148, .	1.7	14
90	Cyclic behavior of stiffened joints between concrete-filled steel tubular column and steel beam with narrow outer diaphragm and partial joint penetration welds. <i>Frontiers of Structural and Civil Engineering</i> , 2016, 10, 333-344.	1.2	13

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91	Effects of span-to-depth ratios on moment connection damage evolution under catenary action. Journal of Constructional Steel Research, 2017, 139, 18-29.	1.7	13
92	Seismic performance of CHS X-connections under out-of-plane bending. Journal of Constructional Steel Research, 2019, 158, 591-603.	1.7	12
93	Axial tensile behavior and strength of welds for CHS branches to SHS chord joints. Journal of Constructional Steel Research, 2015, 115, 303-315.	1.7	11
94	Development and experimental study of steel beam-through framed connections with T-type curved knee braces for improving seismic performance. Engineering Structures, 2021, 231, 111722.	2.6	11
95	Shake-table testing of 2-story steel framed building with self-centering modular panels and slit steel plate walls. Engineering Structures, 2021, 247, 113232.	2.6	11
96	Three-Dimensional Cyclic Performance on New Ring-Beam Connection between Concrete-Filled Tubular Column and Reinforced-Concrete Beams. Advances in Structural Engineering, 2015, 18, 1287-1302.	1.2	10
97	A node release approach to estimate J&R curve for single-edge-notched tension specimen under reversed loading. Fatigue and Fracture of Engineering Materials and Structures, 2019, 42, 1595-1608.	1.7	9
98	Development, testing and performance evaluation of steel beam-through framed connections with curved knee braces for improving seismic performance. Journal of Constructional Steel Research, 2021, 179, 106552.	1.7	9
99	Probabilistic seismic evaluation of SMA-based self-centering braced structures considering uncertainty of regional temperature. Earthquake Engineering and Structural Dynamics, 2021, 50, 3357-3378.	2.5	9
100	Flexural behavior and resistance of uni-planar KK and X tubular joints. Steel and Composite Structures, 2003, 3, 123-140.	1.3	9
101	A novel slip-critical blind bolt: Experimental studies on shear, tensile and combined tensile-shear resistances. Thin-Walled Structures, 2022, 170, 108630.	2.7	9
102	Seismic vibration control of novel prefabricated industrial equipment suspension structures with tuned mass damper. Journal of Constructional Steel Research, 2022, 191, 107163.	1.7	9
103	Assessments on seismic performance of self-centering hybrid damping systems under far-field and near-field ground motions. Journal of Constructional Steel Research, 2022, 192, 107209.	1.7	9
104	Full-range strain-hardening behavior of structural steels: Experimental identification and numerical simulation. Journal of Constructional Steel Research, 2022, 194, 107329.	1.7	9
105	Hybrid self-centering companion spines for structural and nonstructural damage control. Engineering Structures, 2022, 266, 114603.	2.6	9
106	Retrofit Strategies against Progressive Collapse of Steel Gravity Frames. Applied Sciences (Switzerland), 2020, 10, 4600.	1.3	8
107	A ductile tearing assessment diagram to estimate load resistance versus crack extension for welded connections with surface cracks. Thin-Walled Structures, 2021, 169, 108435.	2.7	8
108	Full-Scale Cyclic Testing of Self-Centering Modular Panels for Seismic Resilient Structures. Key Engineering Materials, 0, 763, 339-346.	0.4	7

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109	A constitutive model of cyclic plasticity with Lode dependence for structural steels. <i>Computers and Structures</i> , 2022, 268, 106826.	2.4	7
110	Hysteretic model and resilient application of corrugated shear panel dampers. <i>Thin-Walled Structures</i> , 2022, 178, 109477.	2.7	7
111	Seismic design of beam-through steel frames with self-centering modular panels. <i>Journal of Constructional Steel Research</i> , 2018, 141, 179-188.	1.7	6
112	Seismic behavior of self-centering steel connections with friction T-stubs. <i>Journal of Constructional Steel Research</i> , 2020, 173, 106263.	1.7	6
113	Rapid probabilistic loss assessment of buildings based on post-earthquake structural deformation conditions. <i>Journal of Building Engineering</i> , 2022, 45, 103629.	1.6	6
114	Experimental behavior of transfer story connections for high-rise SRC structures under seismic loading. <i>Earthquake Engineering and Structural Dynamics</i> , 2011, 40, 961-975.	2.5	5
115	Enhancement of ductility of steel moment connections with noncompact beam web. <i>Journal of Constructional Steel Research</i> , 2013, 81, 114-123.	1.7	5
116	Experimental study and finite element analysis on fracture performance of ER55-G welds. <i>Journal of Constructional Steel Research</i> , 2020, 172, 106129.	1.7	5
117	An improved consumer decision model for rural residential development: A theoretical framework and empirical evidence from China. <i>Habitat International</i> , 2020, 105, 102266.	2.3	5
118	Self-centering mechanism and seismic response of steel tension-only concentrically braced beam-through frames. <i>Structures</i> , 2021, 30, 960-972.	1.7	5
119	Macromodeling Approach and Robustness Enhancement Strategies for Steel Frame Buildings with Composite Slabs against Column Loss. <i>Journal of Structural Engineering</i> , 2022, 148, .	1.7	5
120	Experimental and Numerical Study of Near-Fault Seismic Performance of 2-Story Steel Framed Building with Self-Centering Modular Panels. <i>Journal of Structural Engineering</i> , 2022, 148, .	1.7	5
121	Feasibility evaluation of pre-pressed spring devices for vertical isolation of single-layer spherical lattice shell structures. <i>Soil Dynamics and Earthquake Engineering</i> , 2022, 158, 107308.	1.9	5
122	Seismic design of low-rise steel building frames with self-centering hybrid damping connections. , 2022, 1, 10-22.		5
123	Experimental Study on Interface Shear Capacity of Reinforced Concrete. <i>Advanced Materials Research</i> , 2010, 163-167, 1678-1684.	0.3	4
124	Seismic performance of floor-by-floor assembled steel braced structures with stiffened connections. <i>IES Journal Part A: Civil and Structural Engineering</i> , 2013, 6, 112-118.	0.4	4
125	Structural design of irregular curved lattice shells in China. <i>Proceedings of the Institution of Civil Engineers: Civil Engineering</i> , 2019, 172, 37-47.	0.3	4
126	A reversed $\hat{\Gamma}$ approach to estimate load-deformation curves for fracture specimens and surface-cracked pipes. <i>Theoretical and Applied Fracture Mechanics</i> , 2020, 106, 102485.	2.1	4

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127	Numerical investigation on progressive collapse resistance of steel-concrete composite floor systems. <i>Structure and Infrastructure Engineering</i> , 2021, 17, 202-216.	2.0	4
128	Fracture analysis of high-strength steel beam-column connections with initial defects. <i>Journal of Constructional Steel Research</i> , 2022, 194, 107301.	1.7	4
129	Post-earthquake fire behaviour of a self-centring connection with buckling-restrained plates and pre-stressed bars: An experimental investigation. <i>Journal of Building Engineering</i> , 2022, 56, 104733.	1.6	4
130	Experimental Study to Calibrate Monotonic Micromechanics-Based Fracture Models of Q345 Steel. <i>Advanced Materials Research</i> , 0, 261-263, 545-550.	0.3	3
131	Test and analysis on the seismic performance of a steel truss-to-circular CFT column sub-assembly. <i>Journal of Constructional Steel Research</i> , 2014, 103, 200-214.	1.7	2
132	Numerical investigation on I-beam to CHS column connections equipped with NiTi shape memory alloy and steel tendons under cyclic loads. <i>Structures</i> , 2015, 4, 114-124.	1.7	2
133	Experimental Investigation on New Ring-Beam Connections for a Concrete-Filled Tubular Column and RC Beam. , 2016, , .		2
134	Special issue on resilience in steel structures. <i>Frontiers of Structural and Civil Engineering</i> , 2016, 10, 237-238.	1.2	2
135	High-strength steel for resilience of beam-through frames. <i>Proceedings of the Institution of Civil Engineers: Structures and Buildings</i> , 2017, 170, 664-676.	0.4	2
136	Weld fracture under non-uniform stress distribution and its mechanism in CHS-CHS X-joints. <i>Journal of Constructional Steel Research</i> , 2019, 162, 105740.	1.7	2
137	Self-centring Braces with SMA Elements. , 2020, , 147-177.		2
138	Axial load capacity and failure mechanism of flange and ring joints of process piping system. <i>Journal of Constructional Steel Research</i> , 2021, 178, 106492.	1.7	2
139	Details of H-Beam-to-RHS Column Joints with through Diaphragm for Progressive Collapse Prevention. <i>Advances in Structural Engineering</i> , 2015, 18, 1723-1736.	1.2	1
140	Hysteretic Features of Low Yield Point Steel and its Influence on Shear Plate Damper Behavior. <i>Key Engineering Materials</i> , 2018, 763, 718-725.	0.4	1
141	Introduction to Shape-Memory Alloys. , 2020, , 1-41.		1
142	Quantification of seismic performance factors of beam-through steel frames with self-centering modular panel and replaceable hysteretic dampers. <i>Journal of Constructional Steel Research</i> , 2022, 189, 107059.	1.7	1
143	Multi-level breakage-triggered radio frequency identification-based deformation sensor for rapid post-earthquake loss assessment of buildings: Concept, development, and application. <i>Structural Control and Health Monitoring</i> , 2022, 29, .	1.9	1
144	Time-Dependent Behaviors of Prestressed Concrete Track Girders under Sustained Loads. <i>Advances in Structural Engineering</i> , 2013, 16, 1545-1556.	1.2	0

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145	Enhanced Bolted Connection Detailing of H-Beam-to-RHS Column Joints for Disproportionate Collapse Prevention. , 2018, , .		0
146	A Proof-of-Concept Study on Self-Centering Column Feet Equipped with Innovative Shape Memory Alloy Ring Springs. Key Engineering Materials, 0, 763, 661-668.	0.4	0
147	Shape-Memory Alloy Elements. , 2020, , 43-96.		0
148	Steel Beam-to-Column Connections with SMA Elements. , 2020, , 97-145.		0
149	Structural Responses: Single-Degree-of-Freedom (SDOF) Systems. , 2020, , 179-219.		0
150	Structural Responses: Multi-storey Building Frames. , 2020, , 221-258.		0
151	Economic Seismic Loss Assessment. , 2020, , 259-284.		0
152	Performance-based design of steel frames with self-centering modular panel. Journal of Building Engineering, 2022, 57, 104841.	1.6	0
153	Pull-down test and numerical validation of multi-story steel moment frame using pulley-based loading system. Journal of Building Engineering, 2022, 57, 104930.	1.6	0