

Wei Wang

List of Publications by Year in descending order

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153
papers

4,198
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94381

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154
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154
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154
times ranked

976
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	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
6	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
7	A novel slip-critical blind bolt: Experimental studies on shear, tensile and combined tensile-shear resistances. <i>Thin-Walled Structures</i> , 2022, 170, 108630.	2.7	9
8	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
9	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
10	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
11	Seismic vibration control of novel prefabricated industrial equipment suspension structures with tuned mass damper. <i>Journal of Constructional Steel Research</i> , 2022, 191, 107163.	1.7	9
12	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
13	Deep learning-based bolt loosening detection for wind turbine towers. <i>Structural Control and Health Monitoring</i> , 2022, 29, .	1.9	30
14	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
15	Hybrid self-centering rocking core system with fiction spring and viscous dampers for seismic resilience. <i>Engineering Structures</i> , 2022, 257, 114102.	2.6	16
16	Assessments on seismic performance of self-centering hybrid damping systems under far-field and near-field ground motions. <i>Journal of Constructional Steel Research</i> , 2022, 192, 107209.	1.7	9
17	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
18	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

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19	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
20	Full-range strain-hardening behavior of structural steels: Experimental identification and numerical simulation. <i>Journal of Constructional Steel Research</i> , 2022, 194, 107329.	1.7	9
21	A constitutive model of cyclic plasticity with Lode dependence for structural steels. <i>Computers and Structures</i> , 2022, 268, 106826.	2.4	7
22	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
23	Hysteretic model and resilient application of corrugated shear panel dampers. <i>Thin-Walled Structures</i> , 2022, 178, 109477.	2.7	7
24	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
25	Seismic design of low-rise steel building frames with self-centering hybrid damping connections. , 2022, 1, 10-22.		5
26	Hybrid self-centering companion spines for structural and nonstructural damage control. <i>Engineering Structures</i> , 2022, 266, 114603.	2.6	9
27	Performance-based design of steel frames with self-centering modular panel. <i>Journal of Building Engineering</i> , 2022, 57, 104841.	1.6	0
28	Pull-down test and numerical validation of multi-story steel moment frame using pulley-based loading system. <i>Journal of Building Engineering</i> , 2022, 57, 104930.	1.6	0
29	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
30	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
31	Development and experimental study of steel beam-through framed connections with T-type curved knee braces for improving seismic performance. <i>Engineering Structures</i> , 2021, 231, 111722.	2.6	11
32	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
33	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. <i>Journal of Constructional Steel Research</i> , 2021, 179, 106545.	1.7	19
34	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
35	Development, testing and performance evaluation of steel beam-through framed connections with curved knee braces for improving seismic performance. <i>Journal of Constructional Steel Research</i> , 2021, 179, 106552.	1.7	9
36	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

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37	Performance-based design of self-centering energy-absorbing dual rocking core system. Journal of Constructional Steel Research, 2021, 181, 106630.	1.7	24
38	Auto-Regressive Integrated Moving-Average Machine Learning for Damage Identification of Steel Frames. Applied Sciences (Switzerland), 2021, 11, 6084.	1.3	17
39	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
40	Self-centering companion spines with friction spring dampers: Validation test and direct displacement-based design. Engineering Structures, 2021, 238, 112191.	2.6	30
41	Development and Experimental Study of Disc Spring-based Self-Centering Devices for Seismic Resilience. Journal of Structural Engineering, 2021, 147, .	1.7	47
42	A framework to link community long-term resilience goals to seismic performance of individual buildings using network-based recovery modeling method. Soil Dynamics and Earthquake Engineering, 2021, 147, 106788.	1.9	14
43	Superior low-cycle fatigue performance of iron-based SMA for seismic damping application. Journal of Constructional Steel Research, 2021, 184, 106817.	1.7	38
44	Performance assessment of disc spring-based self-centering braces for seismic hazard mitigation. Engineering Structures, 2021, 242, 112527.	2.6	54
45	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
46	Self-centering hybrid dampers for improving seismic resilience. Engineering Structures, 2021, 244, 112829.	2.6	27
47	Experimental evaluation and numerical simulation of low-yield-point steel shear panel dampers. Engineering Structures, 2021, 245, 112860.	2.6	31
48	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
49	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
50	Introduction to Shape-Memory Alloys. , 2020, , 1-41.		1
51	Self-centring Braces with SMA Elements. , 2020, , 147-177.		2
52	Shape-Memory Alloy Elements. , 2020, , 43-96.		0
53	Shape Memory Alloys for Seismic Resilience. , 2020, , .		22
54	Steel Beam-to-Column Connections with SMA Elements. , 2020, , 97-145.		0

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55	Structural Responses: Single-Degree-of-Freedom (SDOF) Systems. , 2020, , 179-219.		0
56	Seismic economic losses in mid-rise steel buildings with conventional and emerging lateral force resisting systems. Engineering Structures, 2020, 204, 110021.	2.6	52
57	Seismic evaluation of low-rise steel building frames with self-centering energy-absorbing rigid cores designed using a force-based approach. Engineering Structures, 2020, 204, 110038.	2.6	53
58	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
59	Experimental study and finite element analysis on fracture performance of ER55-G welds. Journal of Constructional Steel Research, 2020, 172, 106129.	1.7	5
60	Seismic behavior of self-centering steel connections with friction T-stubs. Journal of Constructional Steel Research, 2020, 173, 106263.	1.7	6
61	Retrofit Strategies against Progressive Collapse of Steel Gravity Frames. Applied Sciences (Switzerland), 2020, 10, 4600.	1.3	8
62	Variable-friction self-centering energy-dissipation braces (VF-SCEDBs) with NiTi SMA cables for seismic resilience. Journal of Constructional Steel Research, 2020, 175, 106318.	1.7	59
63	An improved consumer decision model for rural residential development: A theoretical framework and empirical evidence from China. Habitat International, 2020, 105, 102266.	2.3	5
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	Full-Scale Test of a Steel-Concrete Composite Floor System with Moment-Resisting Connections under a Middle-Edge Column Removal Scenario. Journal of Structural Engineering, 2020, 146, .	1.7	17
66	Development and validation test of a novel Self-centering Energy-absorbing Dual Rocking Core (SEDRC) system for seismic resilience. Engineering Structures, 2020, 211, 110424.	2.6	46
67	A reversed $\hat{\Gamma}$ approach to estimate load-deformation curves for fracture specimens and surface-cracked pipes. Theoretical and Applied Fracture Mechanics, 2020, 106, 102485.	2.1	4
68	An experimental study on eccentrically braced beam-through steel frames with replaceable shear links. Engineering Structures, 2020, 206, 110185.	2.6	35
69	SMA-Based Low-Damage Solution for Self-Centering Steel and Composite Beam-to-Column Connections. Journal of Structural Engineering, 2020, 146, .	1.7	31
70	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
71	Seismic design of low-rise steel building frames with self-centering panels and steel strip braces. Engineering Structures, 2020, 216, 110730.	2.6	17
72	Self-centering energy-absorbing rocking core system with friction spring damper: Experiments, modeling and design. Engineering Structures, 2020, 225, 111338.	2.6	36

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73	Structural Responses: Multi-storey Building Frames. , 2020, , 221-258.		0
74	Economic Seismic Loss Assessment. , 2020, , 259-284.		0
75	Behavior and Design of Self-Centering Energy Dissipative Devices Equipped with Superelastic SMA Ring Springs. Journal of Structural Engineering, 2019, 145, .	1.7	60
76	Experimental and numerical studies on self-centring beam-to-column connections free from frame expansion. Engineering Structures, 2019, 198, 109526.	2.6	45
77	Full-scale test of a steel moment-resisting frame with composite floor under a penultimate edge column removal scenario. Journal of Constructional Steel Research, 2019, 162, 105717.	1.7	26
78	Progressive collapse simulation of the steel-concrete composite floor system considering ductile fracture of steel. Engineering Structures, 2019, 200, 109701.	2.6	19
79	Weld fracture under non-uniform stress distribution and its mechanism in CHS-CHS X-joints. Journal of Constructional Steel Research, 2019, 162, 105740.	1.7	2
80	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
81	Superelastic NiTi SMA cables: Thermal-mechanical behavior, hysteretic modelling and seismic application. Engineering Structures, 2019, 183, 533-549.	2.6	125
82	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
83	Behavior and design of top flange-rotated self-centering steel connections equipped with SMA ring spring dampers. Journal of Constructional Steel Research, 2019, 159, 315-329.	1.7	43
84	Self-centering friction spring dampers for seismic resilience. Earthquake Engineering and Structural Dynamics, 2019, 48, 1045-1065.	2.5	144
85	Seismic performance of CHS X-connections under out-of-plane bending. Journal of Constructional Steel Research, 2019, 158, 591-603.	1.7	12
86	Manufacturing and performance of a novel self-centering damper with shape memory alloy ring springs for seismic resilience. Structural Control and Health Monitoring, 2019, 26, e2337.	1.9	77
87	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
88	Structural design of irregular curved lattice shells in China. Proceedings of the Institution of Civil Engineers: Civil Engineering, 2019, 172, 37-47.	0.3	4
89	Fracture resistance curve for single edge notched tension specimens under low cycle actions. Engineering Fracture Mechanics, 2019, 211, 47-60.	2.0	15
90	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

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91	Enhanced Bolted Connection Detailing of H-Beam-to-RHS Column Joints for Disproportionate Collapse Prevention. , 2018, , .		0
92	A study of hybrid self-centring connections equipped with shape memory alloy washers and bolts. Engineering Structures, 2018, 164, 155-168.	2.6	89
93	Seismic design of beam-through steel frames with self-centering modular panels. Journal of Constructional Steel Research, 2018, 141, 179-188.	1.7	6
94	Seismic Behavior of Self-Centering Modular Panel with Slit Steel Plate Shear Walls: Experimental Testing. Journal of Structural Engineering, 2018, 144, .	1.7	40
95	Peak and residual responses of steel moment-resisting and braced frames under pulse-like near-fault earthquakes. Engineering Structures, 2018, 177, 579-597.	2.6	112
96	Hysteretic Features of Low Yield Point Steel and its Influence on Shear Plate Damper Behavior. Key Engineering Materials, 2018, 763, 718-725.	0.4	1
97	Progressive collapse behaviour of extended endplate connection to square hollow column via blind Holo-Bolts. Thin-Walled Structures, 2018, 131, 681-694.	2.7	14
98	Horizontal seismic force demands on nonstructural components in low-rise steel building frames with tension-only braces. Engineering Structures, 2018, 168, 852-864.	2.6	15
99	Enhancing seismic performance of tension-only concentrically braced beam-through frames through implementation of rocking cores. Engineering Structures, 2018, 169, 68-80.	2.6	38
100	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
101	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
102	Application of an Innovative SMA Ring Spring System for Self-Centering Steel Frames Subject to Seismic Conditions. Journal of Structural Engineering, 2018, 144, .	1.7	60
103	Experimental Investigation of Beam-Through Steel Frames with Self-Centering Modular Panels. Journal of Structural Engineering, 2017, 143, .	1.7	29
104	Predicting risk for portal vein thrombosis in acute pancreatitis patients: A comparison of radical basis function artificial neural network and logistic regression models. Journal of Critical Care, 2017, 39, 115-123.	1.0	42
105	A basis for comparing progressive collapse resistance of moment frames and connections. Journal of Constructional Steel Research, 2017, 139, 1-5.	1.7	15
106	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
107	Behaviours of concrete-filled cold-formed elliptical hollow section beam-columns with varying aspect ratios. Thin-Walled Structures, 2017, 120, 9-28.	2.7	39
108	Innovative use of a shape memory alloy ring spring system for self-centering connections. Engineering Structures, 2017, 153, 503-515.	2.6	99

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109	High-strength steel for resilience of beam-through frames. Proceedings of the Institution of Civil Engineers: Structures and Buildings, 2017, 170, 664-676.	0.4	2
110	Cyclic behavior of endplate connections to tubular columns with novel slip-critical blind bolts. Engineering Structures, 2017, 148, 949-962.	2.6	41
111	Self-centring behaviour of steel and steel-concrete composite connections equipped with NiTi SMA bolts. Engineering Structures, 2017, 150, 390-408.	2.6	172
112	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
113	Column-wall failure mode of steel moment connection with inner diaphragm and catenary mechanism. Engineering Structures, 2017, 131, 553-563.	2.6	17
114	Slab effect of composite subassemblies under a column removal scenario. Journal of Constructional Steel Research, 2017, 129, 141-155.	1.7	30
115	Self-Centering Beam-to-Column Connections with Combined Superelastic SMA Bolts and Steel Angles. Journal of Structural Engineering, 2017, 143, .	1.7	119
116	Progressive collapse of steel moment-resisting frame subjected to loss of interior column: Experimental tests. Engineering Structures, 2017, 150, 203-220.	2.6	71
117	Seismic performance of steel H-beam to SHS-column cast modular panel zone joints. Engineering Structures, 2016, 117, 145-160.	2.6	24
118	Experimental Investigation on New Ring-Beam Connections for a Concrete-Filled Tubular Column and RC Beam. , 2016, , .		2
119	Special issue on resilience in steel structures. Frontiers of Structural and Civil Engineering, 2016, 10, 237-238.	1.2	2
120	Cyclic behavior of stiffened joints between concrete-filled steel tubular column and steel beam with narrow outer diaphragm and partial joint penetration welds. Frontiers of Structural and Civil Engineering, 2016, 10, 333-344.	1.2	13
121	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
122	Large size superelastic SMA bars: heat treatment strategy, mechanical property and seismic application. Smart Materials and Structures, 2016, 25, 075001.	1.8	91
123	Performance of practical beam-to-SHS column connections against progressive collapse. Engineering Structures, 2016, 106, 332-347.	2.6	111
124	A special reinforcing technique to improve resistance of beam-to-tubular column connections for progressive collapse prevention. Engineering Structures, 2016, 117, 26-39.	2.6	44
125	Details of H-Beam-to-RHS Column Joints with through Diaphragm for Progressive Collapse Prevention. Advances in Structural Engineering, 2015, 18, 1723-1736.	1.2	1
126	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

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127	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
128	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
129	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
130	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
131	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
132	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
133	Simulation of ductile fracture in welded tubular connections using a simplified damage plasticity model considering the effect of stress triaxiality and Lode angle. <i>Journal of Constructional Steel Research</i> , 2015, 114, 217-236.	1.7	25
134	Axial tensile behavior and strength of welds for CHS branches to SHS chord joints. <i>Journal of Constructional Steel Research</i> , 2015, 115, 303-315.	1.7	11
135	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
136	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
137	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
138	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
139	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
140	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
141	Time-Dependent Behaviors of Prestressed Concrete Track Girders under Sustained Loads. <i>Advances in Structural Engineering</i> , 2013, 16, 1545-1556.	1.2	0
142	Effects of loading patterns on seismic behavior of CHS KK-connections under out-of-plane bending. <i>Journal of Constructional Steel Research</i> , 2012, 73, 55-65.	1.7	18
143	Parameter calibrations and application of micromechanical fracture models of structural steels. <i>Structural Engineering and Mechanics</i> , 2012, 42, 153-174.	1.0	82
144	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

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145	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
146	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
147	Experimental Study on Interface Shear Capacity of Reinforced Concrete. <i>Advanced Materials Research</i> , 2010, 163-167, 1678-1684.	0.3	4
148	Hysteretic behaviour of tubular joints under cyclic loading. <i>Journal of Constructional Steel Research</i> , 2007, 63, 1384-1395.	1.7	59
149	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
150	Flexural behavior and resistance of uni-planar KK and X tubular joints. <i>Steel and Composite Structures</i> , 2003, 3, 123-140.	1.3	9
151	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
152	A Proof-of-Concept Study on Self-Centering Column Feet Equipped with Innovative Shape Memory Alloy Ring Springs. <i>Key Engineering Materials</i> , 0, 763, 661-668.	0.4	0
153	Full-Scale Cyclic Testing of Self-Centering Modular Panels for Seismic Resilient Structures. <i>Key Engineering Materials</i> , 0, 763, 339-346.	0.4	7