

Peijun Wang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Seismic performance of thread-fixed one-side bolts bolted extended endplate connection to HSST column with internal strengthening components. <i>Journal of Building Engineering</i> , 2022, 45, 103615.	1.6	0
2	Experimental investigation on monotonic bending behaviour of TSOBs bolted beam to hollow square section column connection with inner stiffener. <i>Journal of Building Engineering</i> , 2022, 46, 103765.	1.6	3
3	Mechanical properties of plate type steel bar connectors for prefabricated concrete structures. <i>Advances in Structural Engineering</i> , 2022, 25, 1027-1041.	1.2	1
4	Seismic Behavior of Concrete Columns with CRB735 High-Strength Steel Reinforcement. <i>International Journal of Civil Engineering</i> , 2022, 20, 545-556.	0.9	1
5	Seismic behavior investigation of TOB bolted endplate connection with novel internal strengthening structure. <i>Journal of Constructional Steel Research</i> , 2022, 190, 107141.	1.7	0
6	Behavior of Square Hollow Section column connection using Thread-anchored One-side Bolt under tensile force at high temperature. <i>Journal of Building Engineering</i> , 2022, 50, 104150.	1.6	1
7	Proposed analytical models for bolted T-stubs to square hollow section column connection using thread-fixed one-side bolts under tension. <i>Journal of Building Engineering</i> , 2022, 52, 104398.	1.6	1
8	Seismic behaviour of TSOBs bolted I-beam to hollow section square column connection with inner stiffener. <i>Journal of Building Engineering</i> , 2022, 51, 104260.	1.6	6
9	Fire behavior of novel Thread-anchored One-side bolted connection with internal component. <i>Journal of Constructional Steel Research</i> , 2022, 194, 107337.	1.7	3
10	Behavior and design method for offset multi-wedges swaged couplers under uniaxial tension. <i>Advances in Structural Engineering</i> , 2021, 24, 742-754.	1.2	0
11	Experimental studies on T-stub to hollow section column connection bolted by T-head square-neck one-side bolts under tension. <i>Journal of Constructional Steel Research</i> , 2021, 178, 106493.	1.7	29
12	Experimental studies on behavior of failed CRB750 steel bars reinforced concrete beams retrofitted with steel plate. <i>Engineering Structures</i> , 2021, 243, 112539.	2.6	4
13	Shear Behavior of Lapped Connections Bolted by thread-fixed one-side bolts at elevated temperatures. <i>Fire Safety Journal</i> , 2021, 125, 103415.	1.4	11
14	Cyclic behavior of T-stub connection to hollow section steel column using TSOBs. <i>Journal of Constructional Steel Research</i> , 2021, 185, 106874.	1.7	14
15	Seismic response on T-head square-neck one-side bolted endplate connection of beam to square tubular column. <i>Engineering Structures</i> , 2021, 246, 113077.	2.6	15
16	Experimental studies on thread-fixed one-side bolted endplate connection with internal strengthening structure. <i>Engineering Structures</i> , 2021, 246, 112977.	2.6	9
17	Experimental and theoretical modeling for predicting bending moment capacity of T-head square-neck one-side bolted endplate to tube column connection. <i>Journal of Building Engineering</i> , 2021, 43, 103104.	1.6	8
18	Seismic behavior of thread-fixed one-side bolted endplate connection of steel beam to hollow square column. <i>Journal of Building Engineering</i> , 2021, 43, 102557.	1.6	10

#	ARTICLE	IF	CITATIONS
19	Post-fire tensile behavior of hole-anchored bolted T-stub connection. Journal of Constructional Steel Research, 2021, 187, 106941.	1.7	4
20	Web-post buckling of bolted castellated steel beam with octagonal web openings. Journal of Constructional Steel Research, 2020, 164, 105794.	1.7	13
21	Studies on T-shaped one-side bolted connection to hollow section column under bending. Journal of Constructional Steel Research, 2020, 175, 106359.	1.7	27
22	Numerical studies on yield line patterns of thread-fixed one-side bolted endplate connection to square hollow section column under tension. Journal of Constructional Steel Research, 2020, 173, 106262.	1.7	8
23	Experimental studies on thread-fixed one-side bolted T-stubs in tension at elevated temperatures. Journal of Constructional Steel Research, 2020, 171, 106139.	1.7	10
24	Behavior of thread-fixed one-side bolted T-stubs with backing plates at ambient and elevated temperatures. Journal of Constructional Steel Research, 2020, 170, 106093.	1.7	5
25	Yield line patterns of T-stubs connected by thread-fixed one-side bolts under tension. Journal of Constructional Steel Research, 2020, 166, 105932.	1.7	12
26	Experimental studies on thread-fixed one-side bolted connection of beam to hollow square steel tube under static bending moment. Engineering Structures, 2020, 214, 110655.	2.6	28
27	Experimental study on T-stubs connected by thread-fixed one-side bolts under cyclic load. Journal of Constructional Steel Research, 2020, 169, 106050.	1.7	8
28	Shear behavior of lap connection using one-side bolts. Engineering Structures, 2019, 186, 64-85.	2.6	26
29	Simplified analysis method for catenary action of restrained cellular steel beams at elevated temperature considering strain reversal. Fire Safety Journal, 2018, 95, 145-159.	1.4	11
30	Numerical investigation on strength and failure modes of thread-fixed one-side bolted T-stubs under tension. Engineering Structures, 2018, 169, 15-36.	2.6	38
31	Seismic behavior of Self-Buckling-Restrained Steel Plate Shear Wall made by two incline-slotted infill plates. Journal of Constructional Steel Research, 2017, 133, 47-64.	1.7	15
32	Behaviors of one-side bolted T-stub through thread holes under tension strengthened with backing plate. Journal of Constructional Steel Research, 2017, 134, 53-65.	1.7	46
33	Behaviors and design method for distortional buckling of thin-walled irregular-shaped aluminum alloy struts under axial compression. Engineering Structures, 2017, 153, 118-135.	2.6	10
34	Tension strength and design method for thread-fixed one-side bolted T-stub. Engineering Structures, 2017, 150, 918-933.	2.6	54
35	Large deflection behavior of restrained corrugated web steel beams in a fire. Journal of Constructional Steel Research, 2016, 126, 92-106.	1.7	7
36	Interacted buckling failure of thin-walled irregular-shaped aluminum alloy column under axial compression. Thin-Walled Structures, 2016, 107, 627-647.	2.7	11

#	ARTICLE	IF	CITATIONS
37	Temperature Rise of a Protected Steel Column Exposed to Fire from Two Adjacent Sides. Fire Technology, 2016, 52, 1887-1914.	1.5	2
38	Flow pattern and normal pressure distribution in flat bottom silo discharged using wall outlet. Powder Technology, 2016, 295, 104-114.	2.1	28
39	Shear buckling strengths of web-posts in a castellated steel beam with hexagonal web openings. Journal of Constructional Steel Research, 2016, 121, 173-184.	1.7	31
40	Buckling behaviors of thin-walled aluminum alloy column with irregular-shaped cross section under axial compression in a fire. Thin-Walled Structures, 2016, 98, 230-243.	2.7	18
41	Web-post buckling of fully and partially protected cellular steel beams at elevated temperatures in a fire. Thin-Walled Structures, 2016, 98, 29-38.	2.7	19
42	Numerical studies on large deflection behaviour of axially restrained corrugated web steel beams at elevated temperatures. Thin-Walled Structures, 2016, 98, 58-74.	2.7	11
43	Experimental investigation on local buckling behaviors of stiffened closed-section thin-walled aluminum alloy columns under compression. Thin-Walled Structures, 2015, 94, 188-198.	2.7	17
44	Buckling behaviors of section aluminum alloy columns under axial compression. Engineering Structures, 2015, 95, 127-137.	2.6	45
45	Temperature distribution of steel columns protected by sprayed fire retardant coatings with three sides exposed to fire. Fire and Materials, 2015, 39, 487-506.	0.9	1
46	Practical method for calculating the buckling temperature of the web-post in a cellular steel beam in fire. Thin-Walled Structures, 2014, 85, 441-455.	2.7	14
47	Vertical shear buckling capacity of web-posts in castellated steel beams with fillet corner hexagonal web openings. Engineering Structures, 2014, 75, 315-326.	2.6	34
48	Numerical studies on large deflection behaviors of restrained castellated steel beams in a fire. Journal of Constructional Steel Research, 2014, 100, 136-145.	1.7	18
49	Investigation on Vierendeel mechanism failure of castellated steel beams with fillet corner web openings. Engineering Structures, 2014, 74, 44-51.	2.6	33
50	Fire-Resistance of Restrained Steel Columns. Advanced Topics in Science and Technology in China, 2013, , 189-244.	0.0	0
51	A new design method for calculating critical temperatures of restrained steel column in fire. Fire Safety Journal, 2010, 45, 349-360.	1.4	17
52	Behaviour and design of restrained steel column in fire: Part 2. Parameter study. Journal of Constructional Steel Research, 2010, 66, 1148-1154.	1.7	22
53	Non-linear finite element analysis of axially restrained steel beams at elevated temperatures in a fire. Journal of Constructional Steel Research, 2007, 63, 1175-1183.	1.7	25