

Ben Mou

List of Publications by Year in descending order

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45
papers

1,364
citations

535685

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388640

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docs citations

45
times ranked

1038
citing authors

#	ARTICLE	IF	CITATIONS
1	Shear behavior of panel zone with an eccentricity between beam depths: Parameter study and design methodology. <i>Journal of Building Engineering</i> , 2022, 46, 103690.	1.6	0
2	Unequal depth beam-column joints with H-shaped damper: Parametric study and design method. <i>Engineering Structures</i> , 2022, 252, 113550.	2.6	5
3	Compressive behavior of bolted built-up H-section column using high-strength steel. <i>Thin-Walled Structures</i> , 2022, 171, 108818.	2.7	3
4	Experimental and numerical study on the seismic performance of an L-shaped double-steel plate composite shear wall. <i>Journal of Building Engineering</i> , 2022, 49, 104015.	1.6	4
5	HSS steel corner column to H-beam joints under cyclic bidirectional loadings: Experiment, numerical modeling, and calculation. <i>Journal of Constructional Steel Research</i> , 2022, 192, 107239.	1.7	2
6	Flexure behavior of composite beam to CFST column connection: Numerical investigation and theoretical design formulae. <i>Journal of Building Engineering</i> , 2022, 51, 104210.	1.6	2
7	Seismic performance of CFST column to steel beam joint with outer annular stiffener. <i>Journal of Building Engineering</i> , 2022, 54, 104679.	1.6	5
8	Cyclic testing on prefabricated joints for steel beam to concrete-filled steel tubular column. <i>Journal of Constructional Steel Research</i> , 2022, 194, 107345.	1.7	5
9	Bi-directional seismic behavior of steel beam-column connections with outer annular stiffener. <i>Engineering Structures</i> , 2021, 227, 111443.	2.6	32
10	Structure-controlled three-dimensional BiOI/MoS ₂ microspheres for boosting visible-light photocatalytic degradation of tetracycline. <i>Journal of Alloys and Compounds</i> , 2021, 852, 157026.	2.8	65
11	Effect of reinforced concrete slab on the flexural behavior of composite beam to column joints: Parameter study and evaluation formulae. <i>Journal of Constructional Steel Research</i> , 2021, 176, 106425.	1.7	27
12	Mechanical properties of modular prefabricated steel-concrete composite internal joints under cyclic loading. <i>Journal of Constructional Steel Research</i> , 2021, 178, 106463.	1.7	8
13	Flexural behavior of a novel high-strength RCFST column-to-column connection. <i>Thin-Walled Structures</i> , 2021, 159, 107274.	2.7	12
14	Column base joint made with ultrahigh-strength steel bars and steel tubular: An experimental study. <i>Engineering Structures</i> , 2021, 228, 111483.	2.6	14
15	Numerical investigation and design method of bolted beam-column joint panel with eccentricity in beam depths. <i>Journal of Constructional Steel Research</i> , 2021, 180, 106568.	1.7	12
16	Seismic performance of beam-column connections with welded upper flange and bolted lower flange. <i>Journal of Constructional Steel Research</i> , 2021, 182, 106697.	1.7	10
17	Restoring force model for modular prefabricated steel-reinforced concrete column to H-shaped steel beam composite joints. <i>Journal of Building Engineering</i> , 2021, 42, 102845.	1.6	7
18	Connection behavior of CFST column-to-beam joint implanted by steel rebars under cyclic loading. <i>Engineering Structures</i> , 2021, 246, 113036.	2.6	14

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19	Experimental and finite element analysis of modular prefabricated composite beam-column interior joints. <i>Journal of Building Engineering</i> , 2021, 43, 102853.	1.6	3
20	Compressive behavior of bolted built-up steel columns fabricated using angle section columns. <i>Journal of Building Engineering</i> , 2021, 44, 103260.	1.6	0
21	Seismic behavior of a novel beam to reinforced concrete-filled steel tube column joint. <i>Journal of Constructional Steel Research</i> , 2021, 187, 106931.	1.7	16
22	Axial compressive behavior of reinforced concrete-filled stainless steel tube (RCFSSST) stub columns: Experimental research. <i>Journal of Building Engineering</i> , 2021, 44, 103431.	1.6	5
23	Fiber Bragg Grating Sensors for Pile Jacking Monitoring in Clay Soil. <i>Sensors</i> , 2020, 20, 5239.	2.1	3
24	Mechanical and interface bonding properties of epoxy resin reinforced Portland cement repairing mortar. <i>Construction and Building Materials</i> , 2020, 264, 120715.	3.2	88
25	Experimental study on axial compressive behavior of CFRP confined square timber filled steel tube stub columns. <i>Structures</i> , 2020, 24, 823-834.	1.7	18
26	Post-local buckling failure of slender and over-design circular CFT columns with high-strength materials. <i>Engineering Structures</i> , 2020, 210, 110197.	2.6	49
27	Finite element simulations of unequal-depth panel zones in steel beam-to-tubular column joints. <i>Journal of Constructional Steel Research</i> , 2019, 162, 105702.	1.7	12
28	Stress Response and Damage Characteristics of Local Members of a Structure due to Tunnel Blasting Vibrations Based on the High-Order Local Modal Analysis. <i>Shock and Vibration</i> , 2019, 2019, 1-18.	0.3	4
29	Flexural behavior of beam to column joints with or without an overlying concrete slab. <i>Engineering Structures</i> , 2019, 199, 109616.	2.6	80
30	Seismic behaviour of the corner joints of a frame under biaxial cyclic loading. <i>Engineering Structures</i> , 2019, 196, 109316.	2.6	66
31	Tunnel millisecond-delay controlled blasting based on the delay time calculation method and digital electronic detonators to reduce structure vibration effects. <i>PLoS ONE</i> , 2019, 14, e0212745.	1.1	10
32	Seismic behavior of exposed concrete filled steel tube column bases with embedded reinforcing bars: Experimental investigation. <i>Thin-Walled Structures</i> , 2019, 136, 367-381.	2.7	56
33	Residual Strength of Steel-Reinforced Concrete-Filled Square Steel Tubular (SRCFST) Stub Columns After Exposure to ISO-834 Standard Fire. <i>International Journal of Steel Structures</i> , 2019, 19, 850-866.	0.6	25
34	Seismic collapse analysis of high-rise reinforced concrete frames under long-period ground motions. <i>Structural Design of Tall and Special Buildings</i> , 2019, 28, e1566.	0.9	10
35	Shear Behavior of Panel Zones in Steel Beam-to-Column Connections with Unequal Depth of Outer Annular Stiffener. <i>Journal of Structural Engineering</i> , 2019, 145, .	1.7	84
36	Numerical evaluation on shear behavior of irregular steel beam-to-CFST column connections. <i>Journal of Constructional Steel Research</i> , 2018, 148, 422-435.	1.7	26

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37	Experimental investigation on shear behavior of steel beam-to-CFST column connections with irregular panel zone. <i>Engineering Structures</i> , 2018, 168, 487-504.	2.6	122
38	Experimental investigation of unequal-depth-beam-to-column joints with t-shape connector. <i>Engineering Structures</i> , 2018, 174, 663-674.	2.6	17
39	Numerical simulation of the effects of building dimensional variation on wind pressure distribution. <i>Engineering Applications of Computational Fluid Mechanics</i> , 2017, 11, 293-309.	1.5	169
40	Numerical modeling on post-local buckling behavior of circular and square concrete-filled steel tubular beam columns. <i>International Journal of Steel Structures</i> , 2016, 16, 531-546.	0.6	15
41	Social problems of green buildings: From the humanistic needs to social acceptance. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 51, 1594-1609.	8.2	155
42	The assessment of building energy efficiency in China rural society: Developing a new theoretical construct. <i>Technology in Society</i> , 2014, 38, 130-138.	4.8	7
43	Overview of rural building energy efficiency in China. <i>Energy Policy</i> , 2014, 69, 385-396.	4.2	75
44	The combination of digital technology and architectural design to develop a process for enhancing energy-saving: The case of Maanshan China. <i>Technology in Society</i> , 2014, 39, 77-87.	4.8	21
45	The Influence of Column-to-Beam Strength Ratio on Seismic Performance of Concrete Filled Tube Moment-Resistant Frames. <i>Advanced Materials Research</i> , 0, 255-260, 2335-2340.	0.3	1