Jun Ye

List of Publications by Year
in descending order

29 papers	959 citations	471509 17 h-index	501196 28 g-index
29 all docs	29 docs citations	29 times ranked	319 citing authors

#	Article	IF	Citations
1	Digital and automatic design of free-form single-layer grid structures. Automation in Construction, 2022, 133, 104025.	9.8	9
2	An improved and robust finite element model for simulation of thin-walled steel bolted connections. Engineering Structures, 2022, 250, 113368.	5.3	20
3	Experimental and numerical study on the performance of new prefabricated connections for free-form grid structures. Structures, 2022, 36, 1050-1067.	3.6	1
4	Development of new types of bolted joints for cold-formed steel moment frame buildings. Journal of Building Engineering, 2022, 50, 104171.	3.4	1
5	A practical numerical model for thin-walled steel connections and built-up members. Structures, 2022, 38, 753-764.	3.6	13
6	Behaviour and design of prefabricated connections under combined bending and compression for free-form grid structures. Structures, 2022, 41, 1763-1780.	3.6	0
7	A review of 3D printed concrete: Performance requirements, testing measurements and mix design. Construction and Building Materials, 2021, 273, 121745.	7.2	122
8	Optimisation of cold-formed steel beams for best seismic performance in bolted moment connections. Journal of Constructional Steel Research, 2021, 181, 106621.	3.9	23
9	Computational modelling of Cold-formed steel lap joints with screw fasteners. Structures, 2021, 33, 230-245.	3.6	15
10	A practical shear wall layout optimization framework for the design of high-rise buildings. Structures, 2021, 34, 3172-3195.	3.6	6
11	An End-to-End Framework for the Additive Manufacture of Optimized Tubular Structures. IEEE Access, 2021, 9, 165476-165489.	4.2	51
12	Efficient design of cold-formed steel bolted-moment connections for earthquake resistant frames. Thin-Walled Structures, 2020, 150, .	5.3	35
13	Coupled element and structural level optimisation framework for cold-formed steel frames. Journal of Constructional Steel Research, 2020, 168, 105867.	3.9	17
14	Structural behaviour of optimized cold-formed steel beams. Steel Construction, 2020, 13, 294-304.	0.8	25
15	Optimum Design of Cold-formed Steel Beams: Particle Swarm Optimisation and Numerical Analysis. Ce/Papers, 2019, 3, 205-210.	0.3	10
16	Computational Grid Generation for the Design of Free-Form Shells with Complex Boundary Conditions. Journal of Computing in Civil Engineering, 2019, 33, .	4.7	9
17	Development of optimum cold-formed steel beams for serviceability and ultimate limit states using Big Bang-Big Crunch optimisation. Engineering Structures, 2019, 195, 172-181.	5.3	35
18	Experimental Investigation of Cross-Sectional Bending Capacity of Cold-Formed Steel Channels Subject to Local-Distortional Buckling Interaction. Journal of Structural Engineering, 2019, 145, .	3.4	27

#	ARTICLE	IF	CITATIONS
19	Seismic performance of cold-formed steel bolted moment connections with bolting friction-slip mechanism. Journal of Constructional Steel Research, 2019, 156, 122-136.	3.9	38
20	Experimental investigation of local-flexural interactive buckling of cold-formed steel channel columns. Thin-Walled Structures, 2018, 125, 245-258.	5.3	75
21	Local-flexural interactive buckling of standard and optimised cold-formed steel columns. Journal of Constructional Steel Research, 2018, 144, 106-118.	3.9	71
22	Development of optimum cold-formed steel sections for maximum energy dissipation in uniaxial bending. Engineering Structures, 2018, 161, 55-67.	5.3	45
23	A practical grid generation procedure for the design of free-form structures. Computers and Structures, 2018, 196, 292-310.	4.4	14
24	Strength and deflection behaviour of cold-formed steel back-to-back channels. Engineering Structures, 2018, 177, 641-654.	5.3	58
25	Grid generation on free-form surface using guide line advancing and surface flattening method. Advances in Engineering Software, 2017, 110, 98-109.	3.8	23
26	Development of more efficient cold-formed steel channel sections in bending. Thin-Walled Structures, 2016, 101, 1-13.	5.3	101
27	Optimum design of cold-formed steel beams using Particle Swarm Optimisation method. Journal of Constructional Steel Research, 2016, 122, 80-93.	3.9	70
28	Cross-sectional optimization of cold-formed steel channels to Eurocode 3. Engineering Structures, 2015, 101, 641-651.	5.3	43
29	Theoretical and experimental study of robustness based design of single-layer grid structures. Structural Engineering and Mechanics, 2014, 52, 19-33.	1.0	2