Jun Ye

List of Publications by Year
in descending order

29	959	471509 17	501196 28
papers	citations	h-index	g-index

29	29	29	319
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A review of 3D printed concrete: Performance requirements, testing measurements and mix design. Construction and Building Materials, 2021, 273, 121745.	7.2	122
2	Development of more efficient cold-formed steel channel sections in bending. Thin-Walled Structures, 2016, 101, 1-13.	5.3	101
3	Experimental investigation of local-flexural interactive buckling of cold-formed steel channel columns. Thin-Walled Structures, 2018, 125, 245-258.	5.3	75
4	Local-flexural interactive buckling of standard and optimised cold-formed steel columns. Journal of Constructional Steel Research, 2018, 144, 106-118.	3.9	71
5	Optimum design of cold-formed steel beams using Particle Swarm Optimisation method. Journal of Constructional Steel Research, 2016, 122, 80-93.	3.9	70
6	Strength and deflection behaviour of cold-formed steel back-to-back channels. Engineering Structures, 2018, 177, 641-654.	5.3	58
7	An End-to-End Framework for the Additive Manufacture of Optimized Tubular Structures. IEEE Access, 2021, 9, 165476-165489.	4.2	51
8	Development of optimum cold-formed steel sections for maximum energy dissipation in uniaxial bending. Engineering Structures, 2018, 161, 55-67.	5.3	45
9	Cross-sectional optimization of cold-formed steel channels to Eurocode 3. Engineering Structures, 2015, 101, 641-651.	5.3	43
10	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
11	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
12	Efficient design of cold-formed steel bolted-moment connections for earthquake resistant frames. Thin-Walled Structures, 2020, 150, .	5.3	35
13	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
14	Structural behaviour of optimized coldâ€formed steel beams. Steel Construction, 2020, 13, 294-304.	0.8	25
15	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
16	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
17	An improved and robust finite element model for simulation of thin-walled steel bolted connections. Engineering Structures, 2022, 250, 113368.	5.3	20
18	Coupled element and structural level optimisation framework for cold-formed steel frames. Journal of Constructional Steel Research, 2020, 168, 105867.	3.9	17

#	Article	IF	Citations
19	Computational modelling of Cold-formed steel lap joints with screw fasteners. Structures, 2021, 33, 230-245.	3.6	15
20	A practical grid generation procedure for the design of free-form structures. Computers and Structures, 2018, 196, 292-310.	4.4	14
21	A practical numerical model for thin-walled steel connections and built-up members. Structures, 2022, 38, 753-764.	3.6	13
22	Optimum Design of Coldâ€formed Steel Beams: Particle Swarm Optimisation and Numerical Analysis. Ce/Papers, 2019, 3, 205-210.	0.3	10
23	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
24	Digital and automatic design of free-form single-layer grid structures. Automation in Construction, 2022, 133, 104025.	9.8	9
25	A practical shear wall layout optimization framework for the design of high-rise buildings. Structures, 2021, 34, 3172-3195.	3.6	6
26	Theoretical and experimental study of robustness based design of single-layer grid structures. Structural Engineering and Mechanics, 2014, 52, 19-33.	1.0	2
27	Experimental and numerical study on the performance of new prefabricated connections for free-form grid structures. Structures, 2022, 36, 1050-1067.	3.6	1
28	Development of new types of bolted joints for cold-formed steel moment frame buildings. Journal of Building Engineering, 2022, 50, 104171.	3.4	1
29	Behaviour and design of prefabricated connections under combined bending and compression for free-form grid structures. Structures, 2022, 41, 1763-1780.	3.6	0