

# Xiang Yun

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Design of cold-formed steel SHS and RHS beam–columns considering the influence of steel grade. Thin-Walled Structures, 2022, 171, 108600.	5.3	10
2	Benchmark tests on high strength steel frames. Engineering Structures, 2022, 258, 114108.	5.3	10
3	Full-Range Stress–Strain Curves for Aluminum Alloys. Journal of Structural Engineering, 2021, 147, .	3.4	59
4	Structural behaviour and continuous strength method design of high strength steel non-slender welded I-section beam–columns. Thin-Walled Structures, 2021, 169, 108273.	5.3	12
5	Numerical modelling of extruded aluminium alloy T-stubs connected by swage-locking pins: FE validation and parametric study. Thin-Walled Structures, 2020, 155, 106926.	5.3	14
6	Structural performance and design of hot-rolled steel SHS and RHS under combined axial compression and bending. Structures, 2020, 27, 1289-1298.	3.6	13
7	Experimental and Numerical Study of Fixed-Ended High-Strength Aluminum Alloy Angle-Section Columns. Journal of Structural Engineering, 2020, 146, .	3.4	33
8	Behaviour and design of eccentrically loaded hot-rolled steel SHS and RHS stub columns at elevated temperatures. Thin-Walled Structures, 2020, 149, 106646.	5.3	14
9	Steel Design by Advanced Analysis: Material Modeling and Strain Limits. Engineering, 2019, 5, 243-249.	6.7	59
10	Description of stress-strain curves for cold-formed steels. Construction and Building Materials, 2018, 189, 527-538.	7.2	183
11	The continuous strength method for the design of cold-formed steel non-slender tubular cross-sections. Engineering Structures, 2018, 175, 549-564.	5.3	48
12	Numerical modelling and design of hot-rolled and cold-formed steel continuous beams with tubular cross-sections. Thin-Walled Structures, 2018, 132, 574-584.	5.3	23
13	Stress-strain curves for hot-rolled steels. Journal of Constructional Steel Research, 2017, 133, 36-46.	3.9	309