

# Xiang Yun

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2127981/publications.pdf>

Version: 2024-02-01

13  
papers

787  
citations

840776

11  
h-index

1125743

13  
g-index

13  
all docs

13  
docs citations

13  
times ranked

313  
citing authors

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