

Fei Xu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7258798/publications.pdf>

Version: 2024-02-01

18
papers

335
citations

759055

12
h-index

887953

17
g-index

18
all docs

18
docs citations

18
times ranked

135
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental investigation of SCF distribution for thin-walled concrete-filled CHS joints under axial tension loading. <i>Thin-Walled Structures</i> , 2015, 93, 149-157.	2.7	53
2	Experimental investigation of thin-walled concrete-filled steel tube columns with reinforced lattice angle. <i>Thin-Walled Structures</i> , 2014, 84, 59-67.	2.7	44
3	Experimental Investigation and Design of Concrete-Filled Steel Tubular CHS Connections. <i>Journal of Structural Engineering</i> , 2015, 141, .	1.7	36
4	Prediction of ductile fracture for circular hollow section bracing members under extremely low cycle fatigue. <i>Engineering Structures</i> , 2020, 214, 110579.	2.6	21
5	Punching shear failure of concrete-filled steel tubular CHS connections. <i>Journal of Constructional Steel Research</i> , 2016, 124, 113-121.	1.7	20
6	Numerical investigation on compressive performance of CFST columns with encased built-up lattice-angles. <i>Journal of Constructional Steel Research</i> , 2017, 137, 242-253.	1.7	20
7	Mechanical behaviour of concrete-filled CHS connections subjected to in-plane bending. <i>Engineering Structures</i> , 2017, 148, 101-112.	2.6	20
8	Load-transfer mechanism in angle-encased CFST members under axial tension. <i>Engineering Structures</i> , 2019, 178, 162-178.	2.6	19
9	Cyclic behaviour of double-tube buckling-restrained braces for boiler steel plant structures. <i>Journal of Constructional Steel Research</i> , 2018, 150, 556-569.	1.7	18
10	Numerical analysis and punching shear fracture based design of longitudinal plate to concrete-filled CHS connections. <i>Construction and Building Materials</i> , 2017, 156, 91-106.	3.2	16
11	Mechanical behaviour and design of concrete-filled K and KK CHS connections. <i>Journal of Constructional Steel Research</i> , 2022, 188, 107000.	1.7	16
12	Experimental investigation of concrete-filled steel tubular longitudinal gusset plate connections. <i>Journal of Constructional Steel Research</i> , 2016, 124, 163-172.	1.7	14
13	Corrosion Development of Carbon Steel Grids and Shear Connectors in Cracked Composite Beams Exposed to Wet-Dry Cycles in Chloride Environment. <i>Materials</i> , 2018, 11, 479.	1.3	12
14	Mechanism of load introduction and transfer within steel-encased CFST members with shear connections. <i>Engineering Structures</i> , 2021, 242, 112576.	2.6	9
15	Fracture prediction for square hollow section braces under extremely low cycle fatigue. <i>Thin-Walled Structures</i> , 2022, 171, 108716.	2.7	9
16	Innovative design of the world's tallest electrical transmission towers. <i>Proceedings of the Institution of Civil Engineers: Civil Engineering</i> , 2019, 172, 9-16.	0.3	5
17	Feasibility and performance of novel tapered iron bolt shear connectors in demountable composite beams. <i>Journal of Building Engineering</i> , 2022, 53, 104528.	1.6	3
18	02.05: Design of concrete-filled steel tubular longitudinal gusset plate connections. <i>Ce/Papers</i> , 2017, 1, 471-478.	0.1	0