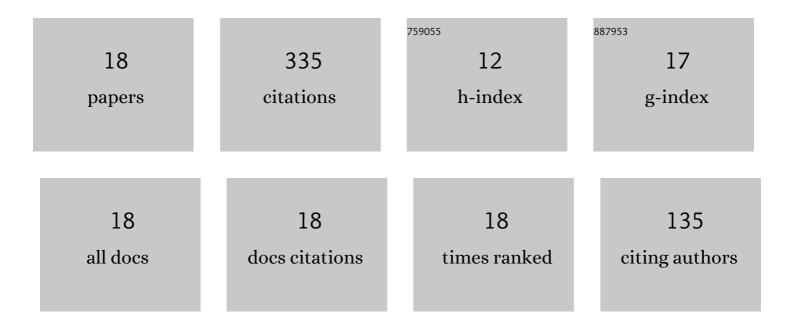


List of Publications by Year in descending order

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FEL YU

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