Jeppe Jönsson

List of Publications by Year in descending order

31 papers	597 citations	687363 13 h-index	610901 24 g-index
32 all docs	32 docs citations	32 times ranked	373 citing authors

#	ARTICLE	IF	CITATIONS
1	Pedestrian-induced lateral vibrations of footbridges: A literature review. Engineering Structures, 2012, 45, 21-52.	5.3	126
2	Experimental identification of pedestrian-induced lateral forces on footbridges. Journal of Sound and Vibration, 2011, 330, 1265-1284.	3.9	96
3	European column buckling curves and finite element modelling including high strength steels. Journal of Constructional Steel Research, 2017, 128, 136-151.	3.9	41
4	Fatigue analysis and testing of adhesive joints. Engineering Fracture Mechanics, 1996, 53, 859-872.	4.3	37
5	Distortional eigenmodes and homogeneous solutions for semi-discretized thin-walled beams. Thin-Walled Structures, 2011, 49, 691-707.	5.3	33
6	Distortional theory of thin-walled beams. Thin-Walled Structures, 1999, 33, 269-303.	5.3	32
7	Seismic behavior of semi-supported steel shear walls. Journal of Constructional Steel Research, 2012, 74, 118-133.	3.9	32
8	RANDOM FIELDS OF INITIAL OUT OF STRAIGHTNESS LEADING TO COLUMN BUCKLING. Journal of Civil Engineering and Management, 2017, 23, 902-913.	3.5	30
9	Distortional warping functions and shear distributions in thin-walled beams. Thin-Walled Structures, 1999, 33, 245-268.	5.3	27
10	Distortional solutions for loaded semi-discretized thin-walled beams. Thin-Walled Structures, 2012, 50, 116-127.	5.3	26
11	A distortional semi-discretized thin-walled beam element. Thin-Walled Structures, 2013, 62, 142-157.	5.3	22
12	Determination of shear stresses, warping functions and section properties of thin-walled beams using finite elements. Computers and Structures, 1998, 68, 393-410.	4.4	19
13	Investigation of European flexural and lateral torsional buckling interaction. Journal of Constructional Steel Research, 2019, 156, 105-121.	3.9	17
14	Distortional buckling modes of semi-discretized thin-walled columns. Thin-Walled Structures, 2012, 51, 53-63.	5.3	12
15	Modelling of steel frames using advanced beam and joint elements with interfaces governed by beam modes. Thin-Walled Structures, 2019, 145, 106430.	5.3	9
16	Recursive substructuring of finite elements. Computers and Structures, 1995, 54, 395-404.	4.4	8
17	Prefabricated floor panels composed of fiber reinforced concrete and a steel substructure. Engineering Structures, 2013, 46, 104-115.	5.3	6
18	Strain gauge measurement of wheel-rail interaction forces. Journal of Strain Analysis for Engineering Design, 1997, 32, 183-191.	1.8	5

#	Article	IF	Citations
19	A thin-walled beam element based on semi-analytical solution modes. Thin-Walled Structures, 2019, 144, 106344.	5.3	5
20	Displacement modes of a thin-walled beam model with deformable cross sections. Thin-Walled Structures, 2019, 141, 576-592.	5.3	5
21	Joint modelling in advanced thin-walled beam models. Thin-Walled Structures, 2022, 171, 108798.	5.3	5
22	Axial-moment interaction for 2D welded steel joints using FEA: An initial investigation. Journal of Constructional Steel Research, 2020, 168, 106001.	3.9	2
23	Joint and column behaviour of slotted cold-formed steel studs. Steel Construction, 2015, 8, 155-161.	0.8	1
24	Nordic Steel 2019 Copenhagen. Steel Construction, 2019, 12, 173-173.	0.8	1
25	Prefabricated Floor and Roof Panels with Engineered Cementitious Composites (ECC). , 2009, , .		0
26	Pedestrian-Induced Lateral Forces on Footbridges. Noise and Vibration Worldwide, 2011, 42, 11-17.	1.0	0
27	07.38: A GBTâ€framework towards modal modelling of steel structures. Ce/Papers, 2017, 1, 1822-1830.	0.3	0
28	Eurosteel 2017 Copenhagen. Steel Construction, 2017, 10, 199-199.	0.8	0
29	13.09: Yield stress independent column buckling curves. Ce/Papers, 2017, 1, 3761-3770.	0.3	0
30	Modeâ€based Beam and Connection Analysis of Frames. Ce/Papers, 2019, 3, 355-360.	0.3	0
31	Steel frames analyzed by use of advanced displacement modeâ€based beam and joint elements. Ce/Papers, 2021, 4, 401-406.	0.3	0