Ye Jihong

List of Publications by Year
in descending order

42 papers	491 citations	687220 13 h-index	794469 19 g-index
42 all docs	42 docs citations	42 times ranked	282 citing authors

#	Article	IF	Citations
1	An insight into eurocode 4 design rules for thermal behaviour of composite slabs. Fire Safety Journal, 2021, 120, 103084.	1.4	4
2	Review on the Service Safety Assessment of Main Cable of Long Span Multi-Tower Suspension Bridge. Applied Sciences (Switzerland), 2021, 11, 5920.	1.3	14
3	Seismic behavior and damage assessment of mid-rise cold-formed steel-framed buildings with normal and reinforced beam-column joints. Archives of Civil and Mechanical Engineering, 2021, 21, 1.	1.9	5
4	Quantifying the effects of various uncertainties on seismic risk assessment of CFS structures. Bulletin of Earthquake Engineering, 2020, 18, 241-272.	2.3	22
5	An adaptively coupled DEMâ€“FEM algorithm for geometrical large deformation analysis of member structures. Computational Particle Mechanics, 2020, 7, 947-959.	1.5	6
6	Simplified calculation of fire resistant temperature for cold-formed steel load-bearing composite walls. Structures, 2020, 28, 1661-1674.	1.7	7
7	A simplified method for fundamental period prediction of steel frames with steel plate shear walls. Structural Design of Tall and Special Buildings, 2020, 29, e1718.	0.9	4
8	Design optimization of domes against instability considering joint stiffness. Journal of Constructional Steel Research, 2020, 169, 105757.	1.7	8
9	Redundancy of a mid-rise CFS composite shear wall building based on seismic response sensitivity analysis. Engineering Structures, 2019, 200, 109647.	2.6	19
10	Experimental Investigation of Postfire Mechanical Properties of Q345 and G550 Cold-Formed Steel. Journal of Materials in Civil Engineering, 2019, 31, .	1.3	9
11	Localization and quantification of partial cable damage in the long-span cable-stayed bridge using the abnormal variation of temperature-induced girder deflection. Structural Control and Health Monitoring, 2019, 26, e2281.	1.9	15
12	DEM Algorithm for Progressive Collapse Simulation of Single-Layer Reticulated Domes under Multi-Support Excitation. Journal of Earthquake Engineering, 2019, 23, 18-45.	1.4	14
13	Collapse mechanism analysis of a steel moment frame based on structural vulnerability theory. Archives of Civil and Mechanical Engineering, 2018, 18, 833-843.	1.9	23
14	Steady- and transient-state response of cold-formed steel-to-steel screwed connections at elevated temperatures. Journal of Constructional Steel Research, 2018, 144, 13-20.	1.7	20
15	Combination of DEM/FEM for Progressive Collapse Simulation of Domes Under Earthquake Action. International Journal of Steel Structures, 2018, 18, 305-316.	0.6	10
16	Risk-based robustness assessment of steel frame structures to unforeseen events. Civil Engineering and Environmental Systems, 2018, 35, 117-138.	0.4	5
17	Seismic Risk Assessment of a 2-storey Steel-sheathed CFS Building Considering Different Sources of Uncertainty. Structures, 2018, 16, 347-357.	1.7	17
18	Simplified Analytical Model and Shaking Table Test Validation for Seismic Analysis of Mid-Rise Cold-Formed Steel Composite Shear Wall Building. Sustainability, 2018, 10, 3188.	1.6	29

#	Article	IF	Citations
19	Thermal behavior of gypsum-sheathed cold-formed steel composite assemblies under fire conditions. Journal of Constructional Steel Research, 2018, 149, 165-179.	1.7	23
20	Fire-Resistance Behavior of a Newly Developed Cold-Formed Steel Composite Floor. Journal of Structural Engineering, 2017, 143, .	1.7	12
21	Numerical and experimental research on annular crossed cable-truss structure under cable rupture. Earthquake Engineering and Engineering Vibration, 2017, 16, 557-569.	1.1	12
22	Member Discrete Element Method for Static and Dynamic Responses Analysis of Steel Frames with Semi-Rigid Joints. Applied Sciences (Switzerland), 2017, 7, 714.	1.3	10
23	Redundancy of single-layer dome under earthquake action based on response sensitivity. International Journal of Steel Structures, 2016, 16, 125-138.	0.6	3
24	Wind pressure features of large-span flat roof in different wind fields induced by conical vortex. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers,Series A/Chung-kuo Kung Ch'eng Hsuch K'an, 2015, 38, 975-990.	0.6	1
25	Thermal and Mechanical Modeling of Load-Bearing Cold-Formed Steel Wall Systems in Fire. Journal of Structural Engineering, 2014, 140, .	1.7	36
26	Windâ€induced torsion vibration of the super highâ€rise building of Shenzhen Energy Center. Structural Design of Tall and Special Buildings, 2013, 22, 802-815.	0.9	5
27	Elevated Temperature Material Degradation of Cold-Formed Steels under Steady- and Transient-State Conditions. Journal of Materials in Civil Engineering, 2013, 25, 947-957.	1.3	32
28	Dynamic Nonlinearity and Nonlinear Single-Degree-of-Freedom Model for Cable Net Glazing. Journal of Engineering Mechanics - ASCE, 2013, 139, 1446-1459.	1.6	7
29	Simulation of non-Gaussian wind pressure fields on domed structures. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers,Series A/Chung-kuo Kung Ch'eng Hsuch K'an, 2013, 36, 257-271.	0.6	1
30	Characteristics of the wind pressure distribution on a saddle roof. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers,Series A/Chung-kuo Kung Ch'eng Hsuch K'an, 2012, 35, 219-243.	0.6	2
31	The modified force-density method for form-finding of membrane structures. International Journal of Steel Structures, 2012, 12, 299-310.	0.6	17
32	Numerical simulation of non-Gaussian wind load. Science China Technological Sciences, 2012, 55, 3057-3069.	2.0	5
33	A form-finding method of beam string structures â€" Offload by steps method. International Journal of Steel Structures, 2012, 12, 267-283.	0.6	6
34	A simplified multisupport response spectrum method. Earthquake Engineering and Engineering Vibration, 2012, 11, 243-256.	1.1	7
35	Simulation of construction shape-forming process of cable domes. Science China Technological Sciences, 2012, 55, 101-116.	2.0	4
36	Strength behavior and collapse of spatial-reticulated structures under multi-support excitation. Science China Technological Sciences, 2011, 54, 1624-1638.	2.0	10

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37	Research on failure scenarios of domes based on form vulnerability. Science China Technological Sciences, 2011, 54, 2834-2853.	2.0	12
38	Strength failure of spatial reticulated structures under multi-support excitation. Earthquake Engineering and Engineering Vibration, 2011, 10, 21-36.	1.1	10
39	Vertical coherency function model of spatial ground motion. Earthquake Engineering and Engineering Vibration, 2011, 10, 403-415.	1.1	9
40	The interaction between membrane structure and wind based on the discontinuous boundary element. Science China Technological Sciences, 2010, 53, 486-501.	2.0	8
41	ELASTIC LATERAL AND RESTRAINED DISTORTIONAL BUCKLING OF DOUBLY SYMMETRIC I-BEAMS. International Journal of Structural Stability and Dynamics, 2010, 10, 983-1016.	1.5	25
42	Standardization ofhighâ€temperaturespecific heat capacity test parameters offireâ€resistantgypsum board. Fire and Materials, 0, , .	0.9	3