

Ye Jihong

List of Publications by Year in descending order

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papers

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42
times ranked

282
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal and Mechanical Modeling of Load-Bearing Cold-Formed Steel Wall Systems in Fire. <i>Journal of Structural Engineering</i> , 2014, 140, .	1.7	36
2	Elevated Temperature Material Degradation of Cold-Formed Steels under Steady- and Transient-State Conditions. <i>Journal of Materials in Civil Engineering</i> , 2013, 25, 947-957.	1.3	32
3	Simplified Analytical Model and Shaking Table Test Validation for Seismic Analysis of Mid-Rise Cold-Formed Steel Composite Shear Wall Building. <i>Sustainability</i> , 2018, 10, 3188.	1.6	29
4	ELASTIC LATERAL AND RESTRAINED DISTORTIONAL BUCKLING OF DOUBLY SYMMETRIC I-BEAMS. <i>International Journal of Structural Stability and Dynamics</i> , 2010, 10, 983-1016.	1.5	25
5	Collapse mechanism analysis of a steel moment frame based on structural vulnerability theory. <i>Archives of Civil and Mechanical Engineering</i> , 2018, 18, 833-843.	1.9	23
6	Thermal behavior of gypsum-sheathed cold-formed steel composite assemblies under fire conditions. <i>Journal of Constructional Steel Research</i> , 2018, 149, 165-179.	1.7	23
7	Quantifying the effects of various uncertainties on seismic risk assessment of CFS structures. <i>Bulletin of Earthquake Engineering</i> , 2020, 18, 241-272.	2.3	22
8	Steady- and transient-state response of cold-formed steel-to-steel screwed connections at elevated temperatures. <i>Journal of Constructional Steel Research</i> , 2018, 144, 13-20.	1.7	20
9	Redundancy of a mid-rise CFS composite shear wall building based on seismic response sensitivity analysis. <i>Engineering Structures</i> , 2019, 200, 109647.	2.6	19
10	The modified force-density method for form-finding of membrane structures. <i>International Journal of Steel Structures</i> , 2012, 12, 299-310.	0.6	17
11	Seismic Risk Assessment of a 2-storey Steel-sheathed CFS Building Considering Different Sources of Uncertainty. <i>Structures</i> , 2018, 16, 347-357.	1.7	17
12	Localization and quantification of partial cable damage in the long-span cable-stayed bridge using the abnormal variation of temperature-induced girder deflection. <i>Structural Control and Health Monitoring</i> , 2019, 26, e2281.	1.9	15
13	DEM Algorithm for Progressive Collapse Simulation of Single-Layer Reticulated Domes under Multi-Support Excitation. <i>Journal of Earthquake Engineering</i> , 2019, 23, 18-45.	1.4	14
14	Review on the Service Safety Assessment of Main Cable of Long Span Multi-Tower Suspension Bridge. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 5920.	1.3	14
15	Research on failure scenarios of domes based on form vulnerability. <i>Science China Technological Sciences</i> , 2011, 54, 2834-2853.	2.0	12
16	Fire-Resistance Behavior of a Newly Developed Cold-Formed Steel Composite Floor. <i>Journal of Structural Engineering</i> , 2017, 143, .	1.7	12
17	Numerical and experimental research on annular crossed cable-truss structure under cable rupture. <i>Earthquake Engineering and Engineering Vibration</i> , 2017, 16, 557-569.	1.1	12
18	Strength behavior and collapse of spatial-reticulated structures under multi-support excitation. <i>Science China Technological Sciences</i> , 2011, 54, 1624-1638.	2.0	10

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19	Strength failure of spatial reticulated structures under multi-support excitation. Earthquake Engineering and Engineering Vibration, 2011, 10, 21-36.	1.1	10
20	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
21	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
22	Vertical coherency function model of spatial ground motion. Earthquake Engineering and Engineering Vibration, 2011, 10, 403-415.	1.1	9
23	Experimental Investigation of Postfire Mechanical Properties of Q345 and G550 Cold-Formed Steel. Journal of Materials in Civil Engineering, 2019, 31, .	1.3	9
24	The interaction between membrane structure and wind based on the discontinuous boundary element. Science China Technological Sciences, 2010, 53, 486-501.	2.0	8
25	Design optimization of domes against instability considering joint stiffness. Journal of Constructional Steel Research, 2020, 169, 105757.	1.7	8
26	A simplified multisupport response spectrum method. Earthquake Engineering and Engineering Vibration, 2012, 11, 243-256.	1.1	7
27	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
28	Simplified calculation of fire resistant temperature for cold-formed steel load-bearing composite walls. Structures, 2020, 28, 1661-1674.	1.7	7
29	A form-finding method of beam string structures " Offload by steps method. International Journal of Steel Structures, 2012, 12, 267-283.	0.6	6
30	An adaptively coupled DEM" FEM algorithm for geometrical large deformation analysis of member structures. Computational Particle Mechanics, 2020, 7, 947-959.	1.5	6
31	Numerical simulation of non-Gaussian wind load. Science China Technological Sciences, 2012, 55, 3057-3069.	2.0	5
32	Wind-induced torsion vibration of the super high-rise building of Shenzhen Energy Center. Structural Design of Tall and Special Buildings, 2013, 22, 802-815.	0.9	5
33	Risk-based robustness assessment of steel frame structures to unforeseen events. Civil Engineering and Environmental Systems, 2018, 35, 117-138.	0.4	5
34	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
35	Simulation of construction shape-forming process of cable domes. Science China Technological Sciences, 2012, 55, 101-116.	2.0	4
36	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

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37	An insight into eurocode 4 design rules for thermal behaviour of composite slabs. Fire Safety Journal, 2021, 120, 103084.	1.4	4
38	Redundancy of single-layer dome under earthquake action based on response sensitivity. International Journal of Steel Structures, 2016, 16, 125-138.	0.6	3
39	Standardization of high-temperature specific heat capacity test parameters of fire-resistant gypsum board. Fire and Materials, 0, , .	0.9	3
40	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 Hsueh K'an, 2012, 35, 219-243.	0.6	2
41	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 Hsueh K'an, 2013, 36, 257-271.	0.6	1
42	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 Hsueh K'an, 2015, 38, 975-990.	0.6	1