

Liming Jiang

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

277
citations

1040056

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996975

15
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29
all docs

29
docs citations

29
times ranked

138
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>OpenSees</i> Software Architecture for the Analysis of Structures in Fire. Journal of Computing in Civil Engineering, 2015, 29, .	4.7	44
2	An extended travelling fire method framework for performance-based structural design. Fire and Materials, 2020, 44, 437-457.	2.0	30
3	Analysis of restrained composite beams exposed to fire using a hybrid simulation approach. Engineering Structures, 2018, 172, 956-966.	5.3	22
4	Modelling concrete slabs subjected to fires using nonlinear layered shell elements and concrete damage-plasticity material. Engineering Structures, 2021, 234, 111977.	5.3	21
5	Computational performance of beam-column elements in modelling structural members subjected to localised fire. Engineering Structures, 2018, 156, 490-502.	5.3	20
6	Towards scenario fires – modelling structural response to fire using an integrated computational tool. Advances in Structural Engineering, 2018, 21, 2056-2067.	2.4	18
7	Thermal Analysis Infrastructure in OpenSees for Fire and its Smart Application Interface Towards Natural Fire Modelling. Fire Technology, 2021, 57, 2955-2980.	3.0	12
8	Feasibility of dimensionally reduced heat transfer analysis for structural members subjected to localised fire. Advances in Structural Engineering, 2018, 21, 1708-1722.	2.4	11
9	Damage mechanisms in cementitious coatings on steel members under axial loading. Construction and Building Materials, 2015, 90, 18-35.	7.2	9
10	Damage investigation of cementitious fire resistive coatings under complex loading. Construction and Building Materials, 2019, 204, 659-674.	7.2	9
11	Remaining fire resistance of steel frames following a moderate earthquake – A case study. Journal of Constructional Steel Research, 2020, 164, 105754.	3.9	8
12	OpenFIRE: An Open Computational Framework for Structural Response to Real Fires. Fire Technology, 2022, 58, 1011-1038.	3.0	8
13	Integrated nonlinear structural simulation of composite buildings in fire. Engineering Structures, 2022, 252, 113593.	5.3	8
14	Damage mechanisms in cementitious coatings on steel members in bending. Proceedings of the Institution of Civil Engineers: Structures and Buildings, 2015, 168, 351-369.	0.8	6
15	Effects of reinforcement ratio on seismic performance of hypothetical stations determined by full-scale central column tests. Bulletin of Earthquake Engineering, 2022, 20, 1115-1141.	4.1	6
16	Monitoring Regional-Scale Surface Deformation of the Continuous Permafrost in the Qinghai-Tibet Plateau with Time-Series InSAR Analysis. Remote Sensing, 2022, 14, 2987.	4.0	6
17	Solid isotropic material with thickness penalization – A 2.5D method for structural topology optimization. Computers and Structures, 2022, 270, 106857.	4.4	6
18	Virtual hybrid simulation of beams with web openings in fire. Journal of Structural Fire Engineering, 2019, 11, 118-134.	0.8	5

#	ARTICLE	IF	CITATIONS
19	Isogeometric analysis-based design of post-tensioned concrete beam towards construction-oriented topology optimization. <i>Structural and Multidisciplinary Optimization</i> , 2021, 64, 4237-4253.	3.5	5
20	A computational approach for modelling composite slabs in fire within OpenSees framework. <i>Engineering Structures</i> , 2022, 255, 113909.	5.3	5
21	Model characterisation of localised burning impact from localised fire tests to travelling fire scenarios. <i>Journal of Building Engineering</i> , 2022, 54, 104601.	3.4	5
22	The Collapse of World Trade Center 7: Revisited. <i>Fire Technology</i> , 0, , 1.	3.0	4
23	A Multicomponent Temporal Coherence Model for 3-D Phase Unwrapping in Time-Series InSAR of Seasonal Deformation Areas. <i>Remote Sensing</i> , 2022, 14, 1080.	4.0	3
24	Existence of Glacier Anomaly in the Interior and Northern Tibetan Plateau between 2000 and 2012. <i>Remote Sensing</i> , 2022, 14, 2962.	4.0	3
25	Hydrological and Kinematic Precursors of the 2017 Calving Event at the Petermann Glacier in Greenland Observed from Multi-Source Remote Sensing Data. <i>Remote Sensing</i> , 2021, 13, 591.	4.0	1
26	Modelling concrete slabs subjected to localised fire action with OpenSees. , 2020, , .		1
27	Modelling concrete slabs subjected to localised fire action with OpenSees. <i>Journal of Structural Fire Engineering</i> , 2022, ahead-of-print, .	0.8	0
28	A Review on Structural Fire Tests of Two-Way Composite Floors. <i>Fire Technology</i> , 0, , .	3.0	0