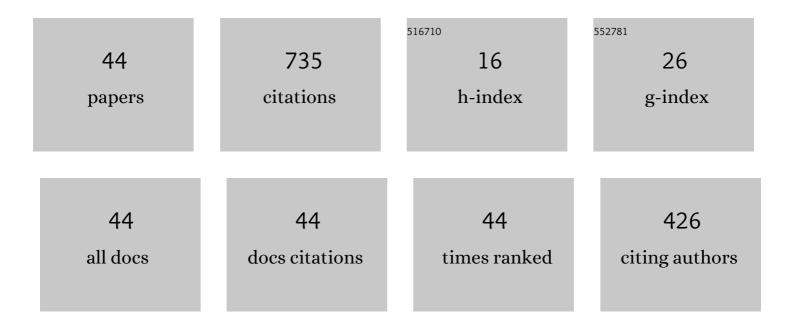
Jian Jiang

List of Publications by Year in descending order

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2 Progressive collapse analysis of 3D steel frames with concrete slabs exposed to localized fire. 3 (1) OpenSees.(1): Software Architecture for the Analysis of Structures in Fire. Journal of Computing in Cwil Engineering, 2015, 29 4 Experimental investigation on thermal and mechanical behaviour of composite floors exposed to standard fire. Fire Safety Journal, 2017, 89, 63-76. 5 Disproportionate collapse of 3D steel framed structures exposed to various compartment fires. 6 Fire tests on full-scale steel portal frames against progressive collapse. Journal of Constructional Steel Research, 2015, 1249-1273. 7 Effect of Bracing Systems on Fire-Induced Progressive Collapse of Steel Structures Using OpenSees. 8 Progressive Collapse Mechanisms of Steel Frames Exposed to Fire. Advances in Structural Engineering. 2014, 17, 381-398. 9 Experimental and numerical study on thermal-structural behavior of steel portal frames in real fires. Fire Safety Journal, 2018, 98, 48-62. 10 Dynamic Effects on Steel Frames with Concrete Slabs under a Sudden Edge-Column Removal Scenario. Journal of Structureal Engineering, 2020, 146, . 11 Analytical modeling on collapse resistance of steel beam-concrete slab composite substructures subjected to side column loss. Engineering Structures, 102, 238-255. 12 Disproportionate collapse of steel-framed gravity buildings under travelling fires. Engineering Structures, 2021, 245, 112799. 13 Modelling of Struct-Concrete Comp	4.4	
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19	Improved calculation method for insulation-based fire resistance of composite slabs. Fire Safety Journal, 2019, 105, 144-153.	3.1	15
20	Biodegradation-induced surface change of polymer microspheres and its influence on cell growth. Polymer Degradation and Stability, 2010, 95, 1356-1364.	5.8	14
21	Mechanical behavior of cross-shaped steel reinforced concrete columns after exposure to high temperatures. Fire Safety Journal, 2019, 108, 102857.	3.1	13
22	Fire safety assessment of super tall buildings: A case study on Shanghai Tower. Case Studies in Fire Safety, 2015, 4, 28-38.	1.0	12
23	Vibration control of cables with damped flexible end restraint: Theoretical model and experimental verification. Journal of Sound and Vibration, 2013, 332, 3626-3645.	3.9	11
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37	An insight into eurocode 4 design rules for thermal behaviour of composite slabs. Fire Safety Journal, 2021, 120, 103084.	3.1	4
38	Experimental study on reinforced concrete frames with two-side connected buckling-restrained steel plate shear walls. Advances in Structural Engineering, 2018, 21, 460-473.	2.4	3
39	Cyclic behaviour of bearing-type bolted connections with slot bolt holes. Advances in Structural Engineering, 2019, 22, 792-801.	2.4	3
40	Residual Strength of L-shaped Steel Reinforced Concrete Columns after Exposure to High Temperatures. KSCE Journal of Civil Engineering, 2021, 25, 1369-1384.	1.9	3
41	Theoretical investigations on loadâ€bearing capacity of RC flatâ€plate framed structures subject to middle column loss. Structural Design of Tall and Special Buildings, 2018, 27, e1458.	1.9	2
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43	A state-of-the-art review on tensile membrane action in reinforced concrete floors exposed to fire. Journal of Building Engineering, 2022, 45, 103502.	3.4	1
44	Elevated temperature and hole-type effects on sliding behaviour of bolted connections. Advances in Structural Engineering, 2017, 20, 1962-1970.	2.4	0