

# Xiaodong Ji

## List of Publications by Year in descending order

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35  
papers

1,280  
citations

377584

21  
h-index

488211

31  
g-index

35  
all docs

35  
docs citations

35  
times ranked

726  
citing authors

#	ARTICLE	IF	CITATIONS
1	Analytical solutions of $H^2$ control and efficiency-based design of structural systems equipped with a tuned viscous mass damper. Structural Control and Health Monitoring, 2022, 29, .	1.9	9
2	Seismic behavior of slender prestressed reinforced concrete short-leg walls. Journal of Building Engineering, 2022, 56, 104710.	1.6	0
3	Cyclic shear behavior and strength capacity of prestressed concrete walls in high-rise buildings. Engineering Structures, 2022, 266, 114647.	2.6	0
4	Pixel-level multicategory detection of visible seismic damage of reinforced concrete components. Computer-Aided Civil and Infrastructure Engineering, 2021, 36, 620-637.	6.3	31
5	Tuned viscous mass damper (TVMD) coupled wall system for enhancing seismic performance of high-rise buildings. Engineering Structures, 2021, 240, 112307.	2.6	26
6	Cyclic loading test of steel coupling beams with mid-span friction dampers and RC slabs. Engineering Structures, 2020, 203, 109876.	2.6	35
7	Seismic response of a tuned viscous mass damper (TVMD) coupled wall system. Engineering Structures, 2020, 225, 111252.	2.6	19
8	Vision-based measurements of deformations and cracks for RC structure tests. Engineering Structures, 2020, 212, 110508.	2.6	40
9	Seismic design and application of hybrid coupled walls with replaceable steel coupling beams in high-rise buildings. Structural Design of Tall and Special Buildings, 2020, 29, e1727.	0.9	13
10	Seismic behavior and strength capacity of steel coupling beam-to-SRC wall joints. Engineering Structures, 2019, 201, 109820.	2.6	15
11	Coupled axial tension-flexure behavior of slender reinforced concrete walls. Engineering Structures, 2019, 188, 261-276.	2.6	16
12	Behaviour of hexagonal concrete-encased CFST columns subjected to cyclic bending. Journal of Constructional Steel Research, 2018, 144, 283-294.	1.7	23
13	Seismic performance evaluation of a high-rise building with novel hybrid coupled walls. Engineering Structures, 2018, 169, 216-225.	2.6	27
14	Coupled axial tension-shear behavior of reinforced concrete walls. Engineering Structures, 2018, 167, 132-142.	2.6	29
15	Improved design of special boundary elements for T-shaped reinforced concrete walls. Earthquake Engineering and Engineering Vibration, 2017, 16, 83-95.	1.1	8
16	Cyclic In-Plane Shear Behavior of Double-Skin Composite Walls in High-Rise Buildings. Journal of Structural Engineering, 2017, 143, .	1.7	78
17	Seismic behavior and fragility curves of replaceable steel coupling beams with slabs. Engineering Structures, 2017, 150, 622-635.	2.6	39
18	Seismic performance assessment of a hybrid coupled wall system with replaceable steel coupling beams versus traditional RC coupling beams. Earthquake Engineering and Structural Dynamics, 2017, 46, 517-535.	2.5	76

#	ARTICLE	IF	CITATIONS
19	Cyclic Behavior of Replaceable Steel Coupling Beams. <i>Journal of Structural Engineering</i> , 2017, 143, .	1.7	73
20	Cyclic shear behavior of composite walls with encased steel braces. <i>Engineering Structures</i> , 2016, 127, 117-128.	2.6	36
21	Cyclic Behavior of Very Short Steel Shear Links. <i>Journal of Structural Engineering</i> , 2016, 142, .	1.7	116
22	Response to discussion of paper "Seismic behavior and modeling of steel reinforced concrete (SRC) walls"™ by Xiaodong Ji, Ya Sun, Jiaru Qian and Xinzheng Lu in <i>Earthquake Engineering and Structural Dynamics</i> 2015; 44(6): 955-972. <i>Earthquake Engineering and Structural Dynamics</i> , 2015, 44, 2611-2613.	2.5	0
23	Seismic behavior and modeling of steel reinforced concrete (SRC) walls. <i>Earthquake Engineering and Structural Dynamics</i> , 2015, 44, 955-972.	2.5	64
24	Effect of cumulative seismic damage to steel tube-reinforced concrete composite columns. <i>Earthquake and Structures</i> , 2014, 7, 179-199.	1.0	10
25	Seismic behavior and strength capacity of steel tube-reinforced concrete composite columns. <i>Earthquake Engineering and Structural Dynamics</i> , 2014, 43, 487-505.	2.5	65
26	Experimental study on the seismic behavior of high strength concrete filled double-tube columns. <i>Earthquake Engineering and Engineering Vibration</i> , 2014, 13, 47-57.	1.1	34
27	Damping identification of a full-scale passively controlled five-story steel building structure. <i>Earthquake Engineering and Structural Dynamics</i> , 2013, 42, 277-295.	2.5	22
28	Seismic behavior of steel tube-double steel plate-concrete composite walls: Experimental tests. <i>Journal of Constructional Steel Research</i> , 2013, 86, 17-30.	1.7	115
29	Closure to "Seismic Damage Detection of a Full-Scale Shaking Table Test Structure" by Xiaodong Ji, Gregory L. Fenves, Kouichi Kajiwara, and Masayoshi Nakashima. <i>Journal of Structural Engineering</i> , 2012, 138, 1417-1418.	1.7	1
30	Behavior of steel tube-reinforced concrete composite walls subjected to high axial force and cyclic loading. <i>Engineering Structures</i> , 2012, 36, 173-184.	2.6	95
31	Seismic Damage Detection of a Full-Scale Shaking Table Test Structure. <i>Journal of Structural Engineering</i> , 2011, 137, 14-21.	1.7	87
32	A substructure shaking table test for reproduction of earthquake responses of high-rise buildings. <i>Earthquake Engineering and Structural Dynamics</i> , 2009, 38, 1381-1399.	2.5	73
33	Damage detection test of a substructure model of the National Swimming Center. <i>Science in China Series D: Earth Sciences</i> , 2008, 51, 940-948.	0.9	4
34	Experimental study of modal parameter identification in a simulated ambient-excited structure. <i>Frontiers of Architecture and Civil Engineering in China</i> , 2007, 1, 281-285.	0.4	1
35	Range of applicability of real mode superposition approximation method for seismic response calculation of non-classically damped industrial buildings. <i>Earthquake Engineering and Engineering Vibration</i> , 0, , 1.	1.1	0