

# Bin Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

285  
citations

933447

10  
h-index

1199594

12  
g-index

13  
all docs

13  
docs citations

13  
times ranked

185  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effectiveness and robustness of an asymmetric nonlinear energy sinkâ€nerter for dynamic response mitigation. <i>Earthquake Engineering and Structural Dynamics</i> , 2021, 50, 1628-1650.	4.4	22
2	Cyclic behavior and deformation mechanism of superelastic SMA U-shaped dampers under in-plane and out-of-plane loadings. <i>Smart Materials and Structures</i> , 2021, 30, 055009.	3.5	12
3	Accurate Response Sensitivity Analysis of a Thermomechanical Constitutive Model for Superelastic SMAs. <i>Journal of Engineering Mechanics - ASCE</i> , 2021, 147, 04021026.	2.9	1
4	Multiâ€objective design and performance investigation of a highâ€rise building with track nonlinear energy sinks. <i>Structural Design of Tall and Special Buildings</i> , 2020, 29, e1692.	1.9	28
5	Dynamic analysis of track nonlinear energy sinks subjected to simple and stochastic excitations. <i>Earthquake Engineering and Structural Dynamics</i> , 2020, 49, 863-883.	4.4	29
6	Experimental and numerical studies of a novel asymmetric nonlinear mass damper for seismic response mitigation. <i>Structural Control and Health Monitoring</i> , 2020, 27, e2513.	4.0	26
7	Seismic Retrofitting of Non-Seismically Designed RC Beam-Column Joints using Buckling-Restrained Haunches: Design and Analysis. <i>Journal of Earthquake Engineering</i> , 2018, 22, 1188-1208.	2.5	21
8	Seismic behavior of self-centering reinforced concrete wall enabled by superelastic shape memory alloy bars. <i>Bulletin of Earthquake Engineering</i> , 2018, 16, 479-502.	4.1	68
9	Experimental and numerical investigations on seismic behavior of steel truss reinforced concrete core walls. <i>Engineering Structures</i> , 2017, 140, 164-176.	5.3	28
10	Experimental study on seismic performance of steel plate reinforced concrete tubes under cyclic loading. <i>Structural Design of Tall and Special Buildings</i> , 2017, 26, e1345.	1.9	8
11	Experimental Study on Damage Behavior of Reinforced Concrete Shear Walls Subjected to Cyclic Loads. <i>Journal of Earthquake Engineering</i> , 2013, 17, 958-971.	2.5	25
12	SHAKING TABLE TESTS ON A COMPLEX HIGH-RISE STRUCTURE WITH TWO TOWERS AND LAPPING TRANSFER COLUMNS. <i>Journal of Earthquake and Tsunami</i> , 2013, 07, 1250030.	1.3	12
13	Seismic Damage Analyses of Staircases in RC Frame Structures. <i>Advanced Materials Research</i> , 0, 446-449, 2326-2330.	0.3	5