

# Zhaoshuo Jiang

## List of Publications by Year in descending order

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24  
papers

234  
citations

1307594

7  
h-index

996975

15  
g-index

25  
all docs

25  
docs citations

25  
times ranked

238  
citing authors

#	ARTICLE	IF	CITATIONS
1	Large-Scale Real-Time Hybrid Simulation for Evaluation of Advanced Damping System Performance. Journal of Structural Engineering, 2015, 141, .	3.4	51
2	A fully dynamic magneto-rheological fluid damper model. Smart Materials and Structures, 2012, 21, 065002.	3.5	42
3	A comparison of 200 kN magneto-rheological damper models for use in real-time hybrid simulation pretesting. Smart Materials and Structures, 2011, 20, 065011.	3.5	27
4	Real-time hybrid simulation of a complex bridge model with MR dampers using the convolution integral method. Smart Materials and Structures, 2013, 22, 105008.	3.5	25
5	Slope displacement prediction using sequential intelligent computing algorithms. Measurement: Journal of the International Measurement Confederation, 2019, 134, 634-648.	5.0	15
6	Detection of Human Fall Using Floor Vibration and Multi-Features Semi-Supervised SVM. Sensors, 2019, 19, 3720.	3.8	13
7	Extraction of structural modal information using acoustic sensor measurements and machine learning. Journal of Sound and Vibration, 2019, 450, 156-174.	3.9	8
8	Probabilistic Force Estimation and Event Localization (PFEEL) algorithm. Engineering Structures, 2022, 252, 113535.	5.3	8
9	Infrasound-Based Noncontact Sensing for Bridge Structural Health Monitoring. Journal of Bridge Engineering, 2019, 24, .	2.9	7
10	Buffeting analysis of a suspension bridge under construction based on adjacent wind field data. Engineering Structures, 2022, 251, 113490.	5.3	7
11	Safety analysis for bridge pier under nearby road construction and operation. Measurement: Journal of the International Measurement Confederation, 2020, 151, 107169.	5.0	6
12	Experimental Verification of an MR Damper Controlled Highway Bridge. , 2010, , .		5
13	Implementation of a Probabilistic Structural Health Monitoring Method on a Highway Bridge. Advances in Civil Engineering, 2012, 2012, 1-9.	0.7	5
14	Experimental Verification of Substructure Identification for Damage Detection in Shear Buildings. Journal of Engineering Mechanics - ASCE, 2016, 142, 04015060.	2.9	5
15	Including Uncertainty in Modeling the Dynamic Response of a Large-Scale 200 kN Magneto-Rheological Damper. ASCE-ASME Journal of Risk and Uncertainty in Engineering Systems, Part A: Civil Engineering, 2017, 3, .	1.7	4
16	Energy-Efficient Heterogeneous Wireless Sensor Deployment with Multiple Objectives for Structural Health Monitoring. Sensors, 2016, 16, 1865.	3.8	3
17	Tele-operation Tools for Bench-scale Shake Tables for Instruction in Earthquake Engineering. Seismological Research Letters, 2007, 78, 460-463.	1.9	2
18	A two-stage optimal sensor placement method for multi-type structural response reconstruction. Measurement Science and Technology, 2021, 32, 035114.	2.6	1

#	ARTICLE	IF	CITATIONS
19	Key Findings from the Nonlinear Benchmark for Seismically Excited Buildings. , 2010, , .		0
20	Extended Kalman filter based structural damage detection for MR damper controlled structures. , 2016, , .		0
21	Decking Out The Desmond. Civil Engineering, 2016, 86, 66-86.	0.1	0
22	MOBILE LEARNING MODULES WITH INTERACTIVE REMOTE SHAKE TABLE LABORATORY FOR INSTRUCTION IN ENGINEERING. , 2016, , .		0
23	Interactive Remote Shake Table Laboratory for Instruction in Earthquake Engineering. , 0, , .		0
24	Developing a Summer Research Internship Program for Underrepresented Community College Engineering Students. , 0, , .		0