Yuli Huang

List of Publications by Year in Descending Order

23 papers	694 citations	8 h-index	26 g-index
27 ext. papers	970 ext. citations	3.5 avg, IF	4.81 L-index

#	Paper	IF	Citations
23	A universal rate-dependent damping model for arbitrary damping-frequency distribution. *Engineering Structures*, **2022**, 255, 113894	4.7	1
22	Crack nucleation and propagation in the phase-field cohesive zone model with application to Hertzian indentation fracture. *International Journal of Solids and Structures*, **2022**, 241, 111462	3.1	0
21	Near-real-time prompt assessment for regional earthquake-induced landslides using recorded ground motions. *Computers and Geosciences*, **2021**, 149, 104709	4.5	1
20	Automated Simulation Framework for Urban Wind Environments Based on Aerial Point Clouds and Deep Learning. *Remote Sensing*, **2021**, 13, 2383	5	2
19	Three-dimensional phase-field modeling of mode I + II/III failure in solids. *Computer Methods in Applied Mechanics and Engineering*, **2021**, 373, 113537	5.7	20
18	Near real-time prediction of wind-induced tree damage at a city scale: Simulation framework and case study for Tsinghua University campus. *International Journal of Disaster Risk Reduction*, **2021**, 53, 102003	4.5	2
17	Regional Ground-Motion Simulation Using Recorded Ground Motions. *Bulletin of the Seismological Society of America*, **2021**, 111, 825-838	2.3	3
16	Automated structural design of shear wall residential buildings using generative adversarial networks. *Automation in Construction*, **2021**, 132, 103931	9.6	5
15	An efficient and unconditionally stable numerical algorithm for nonlinear structural dynamics. *International Journal for Numerical Methods in Engineering*, **2020**, 121, 4614	2.4	1
14	On the BFGS monolithic algorithm for the unified phase field damage theory. *Computer Methods in Applied Mechanics and Engineering*, **2020**, 360, 112704	5.7	61
13	Comprehensive implementations of phase-field damage models in Abaqus. *Theoretical and Applied Fracture Mechanics*, **2020**, 106, 102440	3.7	45
12	Real-Time Seismic Damage Prediction and Comparison of Various Ground Motion Intensity Measures Based on Machine Learning. *Journal of Earthquake Engineering*, **2020**, 1-21	1.8	15
11	Quantitative Analysis of Site-city Interaction Effects on Regional Seismic Damage of Buildings. *Journal of Earthquake Engineering*, **2020**, 1-21	1.8	5
10	A variationally consistent phase-field anisotropic damage model for fracture. *Computer Methods in Applied Mechanics and Engineering*, **2020**, 358, 112629	5.7	38
9	A damping model for nonlinear dynamic analysis providing uniform damping over a frequency range. *Computers and Structures*, **2019**, 212, 101-109	4.5	20
8	A shear wall element for nonlinear seismic analysis of super-tall buildings using OpenSees. *Finite Elements in Analysis and Design*, **2015**, 98, 14-25	2.2	149
7	Multi-Layer Shell Element for Shear Walls in OpenSees **2014**,		4

List of Publications

6	Closure to Simulated Wave-Induced Erosion of the Mississippi River–Gulf Outlet Levees during Hurricane Katrina by Rune Storesund, Robert G. Bea, and Yuli Huang. *Journal of Waterway, Port, Coastal and Ocean Engineering*, **2011**, 137, 360-363	1.7	
5	Simulated Wave-Induced Erosion of the Mississippi River–Gulf Outlet Levees during Hurricane Katrina. *Journal of Waterway, Port, Coastal and Ocean Engineering*, **2010**, 136, 177-189	1.7	5
4	Theoretical Model for Fiber-Reinforced Polymer-Confined Concrete. *Journal of Composites for Construction*, **2007**, 11, 201-210	3.3	307
3	Deep Transfer Learning and Time-Frequency Characteristics-Based Identification Method for Structural Seismic Response. *Frontiers in Built Environment*,7,	2.2	6
2	Response Spectrum Analysis of Peak Floor Accelerations of Buildings under Earthquakes. *Journal of Earthquake Engineering*,1-16	1.8	2
1	Intelligent structural design of shear wall residence using physics-enhanced generative adversarial networks. *Earthquake Engineering and Structural Dynamics*,	4	1