

Yundong Shi

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

362
citations

1039406

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1199166

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all docs

13
docs citations

13
times ranked

277
citing authors

#	ARTICLE	IF	CITATIONS
1	Full-scale shaking table test of a base-isolated medical facility subjected to vertical motions. <i>Earthquake Engineering and Structural Dynamics</i> , 2013, 42, 1931-1949.	2.5	87
2	Experimental investigation on mechanical properties of Hybrid Fibre Reinforced Concrete. <i>Construction and Building Materials</i> , 2017, 157, 930-942.	3.2	65
3	Underwater shaking table tests on bridge pier under combined earthquake and wave-current action. <i>Marine Structures</i> , 2018, 58, 301-320.	1.6	53
4	Disorder and damage of base-isolated medical facilities when subjected to near-fault and long-period ground motions. <i>Earthquake Engineering and Structural Dynamics</i> , 2014, 43, 1683-1701.	2.5	50
5	LQR control with frequency-dependent scheduled gain for a semi-active floor isolation system. <i>Earthquake Engineering and Structural Dynamics</i> , 2014, 43, 1265-1284.	2.5	20
6	Coordinative similitude law considering fluid-structure interaction for underwater shaking table tests. <i>Earthquake Engineering and Structural Dynamics</i> , 2018, 47, 2315-2332.	2.5	20
7	Experimental study on the interaction between water and cylindrical structure under earthquake action. <i>Ocean Engineering</i> , 2019, 188, 106330.	1.9	18
8	Oil damper with variable stiffness for the seismic mitigation of cable-stayed bridge in transverse direction. <i>Soil Dynamics and Earthquake Engineering</i> , 2019, 125, 105719.	1.9	14
9	Numerical failure analysis of a continuous reinforced concrete bridge under strong earthquakes using multi-scale models. <i>Earthquake Engineering and Engineering Vibration</i> , 2017, 16, 397-413.	1.1	12
10	Offline iterative control method using frequency-splitting to drive double-layer shaking tables. <i>Mechanical Systems and Signal Processing</i> , 2021, 152, 107443.	4.4	8
11	Second-mode tuned mass dampers in base-isolated structures for reduction of floor acceleration. <i>Earthquake Engineering and Structural Dynamics</i> , 2018, 47, 2519-2538.	2.5	7
12	H ∞ control in the frequency domain for a semi-active floor isolation system. <i>Frontiers of Structural and Civil Engineering</i> , 2013, 7, 264-275.	1.2	4
13	Seismic analysis and test facilities of deep-water bridges considering water-structure interaction: A state-of-the-art review. , 2022, 1, 21-39.		4