

Yundong Shi

List of Publications by Year in descending order

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