

Yutao Pang

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

723
citations

516710

16
h-index

752698

20
g-index

22
all docs

22
docs citations

22
times ranked

391
citing authors

#	ARTICLE	IF	CITATIONS
1	Seismic Fragility Analysis of Cable-Stayed Bridges Considering Different Sources of Uncertainties. Journal of Bridge Engineering, 2014, 19, .	2.9	125
2	Cloud-IDA-MSA Conversion of Fragility Curves for Efficient and High-Fidelity Resilience Assessment. Journal of Structural Engineering, 2021, 147, .	3.4	87
3	Uniform Design-Based Gaussian Process Regression for Data-Driven Rapid Fragility Assessment of Bridges. Journal of Structural Engineering, 2021, 147, .	3.4	68
4	Life-cycle seismic resilience assessment of highway bridges with fiber-reinforced concrete piers in the corrosive environment. Engineering Structures, 2020, 222, 111120.	5.3	49
5	An Artificial Neural Network Based Method for Seismic Fragility Analysis of Highway Bridges. Advances in Structural Engineering, 2014, 17, 413-428.	2.4	45
6	Near-fault seismic risk assessment of simply supported bridges. Earthquake Spectra, 2020, 36, 1645-1669.	3.1	38
7	Risk-based design and optimization of shape memory alloy restrained sliding bearings for highway bridges under near-fault ground motions. Engineering Structures, 2021, 241, 112421.	5.3	38
8	Environmental noise and vibration characteristics of rubber-spring floating slab track. Environmental Science and Pollution Research, 2021, 28, 13671-13689.	5.3	34
9	Numerical Investigation into Hydrodynamic Effects on the Seismic Response of Complex Hollow Bridge Pier Submerged in Reservoir: Case Study. Journal of Bridge Engineering, 2019, 24, .	2.9	33
10	Seismic fragility assessment of long-span cable-stayed bridges in China. Advances in Structural Engineering, 2016, 19, 1797-1812.	2.4	32
11	Seismic assessment of deep water bridges in reservoir considering hydrodynamic effects using endurance time analysis. Ocean Engineering, 2020, 198, 106846.	4.3	31
12	Seismic performance evaluation of fiber-reinforced concrete bridges under near-fault and far-field ground motions. Structures, 2020, 28, 1366-1383.	3.6	25
13	Enhanced endurance-time-method (EETM) for efficient seismic fragility, risk and resilience assessment of structures. Soil Dynamics and Earthquake Engineering, 2021, 147, 106731.	3.8	24
14	Case study of the seismic response of an extra-closed cable-stayed bridge with cable-sliding friction aseismic bearing using shake table tests. Structural Design of Tall and Special Buildings, 2017, 26, e1398.	1.9	23
15	Seismic performance assessment of different fibers reinforced concrete columns using incremental dynamic analysis. Construction and Building Materials, 2019, 203, 241-257.	7.2	23
16	Effects of Dynamic Fluid-Structure Interaction on Seismic Response of Multi-Span Deep Water Bridges Using Fragility Function Method. Advances in Structural Engineering, 2015, 18, 525-541.	2.4	22
17	Seismic Fragility Analysis of Multispan Reinforced Concrete Bridges Using Mainshock-Aftershock Sequences. Mathematical Problems in Engineering, 2018, 2018, 1-12.	1.1	10
18	Seismic Fragility Assessment of an Isolated Multipylon Cable-Stayed Bridge Using Shaking Table Tests. Advances in Civil Engineering, 2017, 2017, 1-12.	0.7	7

#	ARTICLE	IF	CITATIONS
19	Seismic collapse assessment of bridge piers constructed with steel fibers reinforced concrete. PLoS ONE, 2018, 13, e0200072.	2.5	3
20	Probabilistic seismic response analysis of coastal highway bridges under scour and liquefaction conditions: does the hydrodynamic effect matter?. Advances in Bridge Engineering, 2020, 1, .	1.9	3
21	Fragility Analysis of a Continuous Gird Bridge Subjected to a Mainshock-Aftershock Sequence Considering Deterioration. , 2017, , .		1