

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

22 papers	263 citations	10 h-index	16 g-index
28 ext. papers	446 ext. citations	3 avg, IF	4.24 L-index

#	Paper	IF	Citations
22	Optimal Intensity Measures in Probabilistic Seismic Demand Models of Cable-Stayed Bridges Subjected to Pulse-Like Ground Motions. <i>Journal of Bridge Engineering</i> , 2019 , 24, 04018118	2.7	40
21	Impact of Spatial Variability Parameters on Seismic Fragilities of a Cable-Stayed Bridge Subjected to Differential Support Motions. <i>Journal of Bridge Engineering</i> , 2017 , 22, 04017013	2.7	36
20	Uniform DesignBased Gaussian Process Regression for Data-Driven Rapid Fragility Assessment of Bridges. <i>Journal of Structural Engineering</i> , 2021 , 147, 04021008	3	31
19	Near-fault seismic risk assessment of simply supported bridges. <i>Earthquake Spectra</i> , 2020 , 36, 1645-1669	3.4	17
18	Risk assessment for a long-span cable-stayed bridge subjected to multiple support excitations. <i>Engineering Structures</i> , 2018 , 176, 220-230	4.7	17
17	System-based probabilistic optimization of fluid viscous dampers equipped in cable-stayed bridges. <i>Advances in Structural Engineering</i> , 2018 , 21, 1815-1825	1.9	16
16	Seismic fragility assessment of long-span cable-stayed bridges in China. <i>Advances in Structural Engineering</i> , 2016 , 19, 1797-1812	1.9	16
15	The pulse effect on the isolation device optimization of simply supported bridges in near-fault regions. <i>Structures</i> , 2020 , 27, 853-867	3.4	12
14	Risk-informed sensitivity analysis and optimization of seismic mitigation strategy using Gaussian process surrogate model. <i>Soil Dynamics and Earthquake Engineering</i> , 2020 , 138, 106284	3.5	12
13	Influence of Multidirectional Cable Restrainer on Seismic Fragility of a Curved Bridge. <i>Journal of Bridge Engineering</i> , 2019 , 24, 04019001	2.7	12
12	Optimal Seismic Intensity Measure Selection for Isolated Bridges under Pulse-Like Ground Motions. <i>Advances in Civil Engineering</i> , 2019 , 2019, 1-22	1.3	10
11	Risk-based design and optimization of shape memory alloy restrained sliding bearings for highway bridges under near-fault ground motions. <i>Engineering Structures</i> , 2021 , 241, 112421	4.7	10
10	Investigation of ground-motion spatial variability effects on component and system vulnerability of a floating cable-stayed bridge. <i>Advances in Structural Engineering</i> , 2019 , 22, 1923-1937	1.9	9
9	Seismic performance evaluation of fiber-reinforced concrete bridges under near-fault and far-field ground motions. <i>Structures</i> , 2020 , 28, 1366-1383	3.4	7
8	A Novel Structure-Pulse Coupled Model for Quantifying the Column Ductility Demand under Pulse-Like GMs. <i>Journal of Earthquake Engineering</i> , 1-19	1.8	6
7	An efficient axial-flexure-shear fiber beam model for dynamic analyses of beam-column framed structural systems under impact loading. <i>Ocean Engineering</i> , 2022 , 245, 110349	3.9	3
6	Seismic Responses of a Cable-Stayed Bridge with Consideration of Uniform Temperature Load. <i>Applied Sciences (Switzerland)</i> , 2016 , 6, 408	2.6	3

5	Resilience-based performance and design of SMA/sliding bearing isolation system for highway bridges. <i>Bulletin of Earthquake Engineering</i> , 2021 , 19, 6187	3.7	3
4	Empirical models of bridge seismic fragility surface considering the vertical effect of near-fault ground motions. <i>Structures</i> , 2021 , 34, 2962-2973	3.4	1
3	Probabilistic seismic assessment of a new elastoplastic column-deck joint on the prefabricated frame-bridge. <i>Structures</i> , 2021 , 34, 3099-3112	3.4	0
2	A simplified coupled model for predicting dynamic processes of vehicle impact on pier columns. <i>Structures</i> , 2022 , 41, 997-1013	3.4	0
1	Seismic Fragility Analysis of Unbonded Prestressed Reinforced Concrete Bridge Column considering Residual Displacement. <i>Journal of Earthquake Engineering</i> , 1-22	1.8	