

Sabarethinam Kameshwar

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

576
citations

758635

12
h-index

887659

17
g-index

25
all docs

25
docs citations

25
times ranked

460
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-hazard risk assessment of highway bridges subjected to earthquake and hurricane hazards. <i>Engineering Structures</i> , 2014, 78, 154-166.	2.6	165
2	Probabilistic decision-support framework for community resilience: Incorporating multi-hazards, infrastructure interdependencies, and resilience goals in a Bayesian network. <i>Reliability Engineering and System Safety</i> , 2019, 191, 106568.	5.1	75
3	Storm surge fragility assessment of above ground storage tanks. <i>Structural Safety</i> , 2018, 70, 48-58.	2.8	46
4	Impacts of Hurricane Storm Surge on Infrastructure Vulnerability for an Evolving Coastal Landscape. <i>Natural Hazards Review</i> , 2018, 19, .	0.8	37
5	Response and fragility assessment of bridge columns subjected to barge-bridge collision and scour. <i>Engineering Structures</i> , 2018, 168, 308-319.	2.6	35
6	Parameterized fragility models for multi-bridge classes subjected to hurricane loads. <i>Engineering Structures</i> , 2020, 208, 110213.	2.6	33
7	Fragility and Resilience Indicators for Portfolio of Oil Storage Tanks Subjected to Hurricanes. <i>Journal of Infrastructure Systems</i> , 2018, 24, .	1.0	29
8	Decision tree based bridge restoration models for extreme event performance assessment of regional road networks. <i>Structure and Infrastructure Engineering</i> , 2020, 16, 431-451.	2.0	22
9	Characterizing and Predicting Seismic Repair Costs for Bridges. <i>Journal of Bridge Engineering</i> , 2017, 22, .	1.4	21
10	Effect of vehicle bridge interaction on seismic response and fragility of bridges. <i>Earthquake Engineering and Structural Dynamics</i> , 2018, 47, 697-713.	2.5	21
11	Parameterized Fragility Assessment of Bridges Subjected to Pier Scour and Vehicular Loads. <i>Journal of Bridge Engineering</i> , 2018, 23, .	1.4	15
12	Effect of disaster debris, floodwater pooling duration, and bridge damage on immediate post-tsunami connectivity. <i>International Journal of Disaster Risk Reduction</i> , 2021, 56, 102119.	1.8	14
13	Deaggregation of multi-hazard damages, losses, risks, and connectivity: an application to the joint seismic-tsunami hazard at Seaside, Oregon. <i>Natural Hazards</i> , 2021, 109, 1821-1847.	1.6	12
14	Stochastic Modeling of Geometric Imperfections in Aboveground Storage Tanks for Probabilistic Buckling Capacity Estimation. <i>ASCE-ASME Journal of Risk and Uncertainty in Engineering Systems, Part A: Civil Engineering</i> , 2016, 2, .	1.1	11
15	Mitigation Strategies to Protect Petrochemical Infrastructure and Nearby Communities during Storm Surge. <i>Natural Hazards Review</i> , 2018, 19, 04018019.	0.8	10
16	Road transportation network hazard sustainability and resilience: correlations and comparisons. <i>Structure and Infrastructure Engineering</i> , 2023, 19, 345-365.	2.0	9
17	Supporting Life Cycle Management of Bridges Through Multi-Hazard Reliability and Risk Assessment. , 2016, , 41-58.		6
18	Stiffening Ring Design for Prevention of Storm-Surge Buckling in Aboveground Storage Tanks. <i>Journal of Structural Engineering</i> , 2019, 145, .	1.7	5

#	ARTICLE	IF	CITATIONS
19	Towards Risk-Based, Multi-Hazard-Resistant Design of Bridges. , 2014, , .		3
20	On Reliability Evaluation of Structures Using Hermite Polynomial Chaos. , 2013, , 1141-1152.		2
21	Assessing the Effectiveness of Stiffener Rings in Mitigating the Surge Buckling Fragility of Above-Ground Storage Tanks. , 2017, , .		0
22	Time Dependent Gaussian Equivalent Linearization of Duffing Oscillator Using Continuous Wavelet Transform. Journal of Civil Engineering and Architecture, 2013, 7, .	0.0	0
23	Flood risk assessment of storage tanks in the Port of Rotterdam. , 2022, , 397-409.		0