

# 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	Road transportation network hazard sustainability and resilience: correlations and comparisons. Structure and Infrastructure Engineering, 2023, 19, 345-365.	2.0	9
2	Flood risk assessment of storage tanks in the Port of Rotterdam. , 2022, , 397-409.		0
3	Effect of disaster debris, floodwater pooling duration, and bridge damage on immediate post-tsunami connectivity. International Journal of Disaster Risk Reduction, 2021, 56, 102119.	1.8	14
4	Deaggregation of multi-hazard damages, losses, risks, and connectivity: an application to the joint seismic-tsunami hazard at Seaside, Oregon. Natural Hazards, 2021, 109, 1821-1847.	1.6	12
5	Decision tree based bridge restoration models for extreme event performance assessment of regional road networks. Structure and Infrastructure Engineering, 2020, 16, 431-451.	2.0	22
6	Parameterized fragility models for multi-bridge classes subjected to hurricane loads. Engineering Structures, 2020, 208, 110213.	2.6	33
7	Probabilistic decision-support framework for community resilience: Incorporating multi-hazards, infrastructure interdependencies, and resilience goals in a Bayesian network. Reliability Engineering and System Safety, 2019, 191, 106568.	5.1	75
8	Stiffening Ring Design for Prevention of Storm-Surge Buckling in Aboveground Storage Tanks. Journal of Structural Engineering, 2019, 145, .	1.7	5
9	Fragility and Resilience Indicators for Portfolio of Oil Storage Tanks Subjected to Hurricanes. Journal of Infrastructure Systems, 2018, 24, .	1.0	29
10	Parameterized Fragility Assessment of Bridges Subjected to Pier Scour and Vehicular Loads. Journal of Bridge Engineering, 2018, 23, .	1.4	15
11	Response and fragility assessment of bridge columns subjected to barge-bridge collision and scour. Engineering Structures, 2018, 168, 308-319.	2.6	35
12	Impacts of Hurricane Storm Surge on Infrastructure Vulnerability for an Evolving Coastal Landscape. Natural Hazards Review, 2018, 19, .	0.8	37
13	Storm surge fragility assessment of above ground storage tanks. Structural Safety, 2018, 70, 48-58.	2.8	46
14	Effect of vehicle bridge interaction on seismic response and fragility of bridges. Earthquake Engineering and Structural Dynamics, 2018, 47, 697-713.	2.5	21
15	Mitigation Strategies to Protect Petrochemical Infrastructure and Nearby Communities during Storm Surge. Natural Hazards Review, 2018, 19, 04018019.	0.8	10
16	Characterizing and Predicting Seismic Repair Costs for Bridges. Journal of Bridge Engineering, 2017, 22, .	1.4	21
17	Assessing the Effectiveness of Stiffener Rings in Mitigating the Surge Buckling Fragility of Above-Ground Storage Tanks. , 2017, , .		0
18	Supporting Life Cycle Management of Bridges Through Multi-Hazard Reliability and Risk Assessment. , 2016, , 41-58.		6

#	ARTICLE	IF	CITATIONS
19	Stochastic Modeling of Geometric Imperfections in Aboveground Storage Tanks for Probabilistic Buckling Capacity Estimation. ASCE-ASME Journal of Risk and Uncertainty in Engineering Systems, Part A: Civil Engineering, 2016, 2, .	1.1	11
20	Towards Risk-Based, Multi-Hazard-Resistant Design of Bridges. , 2014, , .		3
21	Multi-hazard risk assessment of highway bridges subjected to earthquake and hurricane hazards. Engineering Structures, 2014, 78, 154-166.	2.6	165
22	On Reliability Evaluation of Structures Using Hermite Polynomial Chaos. , 2013, , 1141-1152.		2
23	Time Dependent Gaussian Equivalent Linearization of Duffing Oscillator Using Continuous Wavelet Transform. Journal of Civil Engineering and Architecture, 2013, 7, .	0.0	0