

Omar Kammouh

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

554
citations

759055

12
h-index

794469

19
g-index

33
all docs

33
docs citations

33
times ranked

342
citing authors

#	ARTICLE	IF	CITATIONS
1	Disaster resilience quantification of communities: A risk-based approach. International Journal of Disaster Risk Reduction, 2022, 70, 102778.	1.8	18
2	MitC: Open-source software for construction project control and delay mitigation. SoftwareX, 2022, 18, 101023.	1.2	2
3	Machine Learning: The Role of Machines for Resilient Communities. , 2022, , 231-251.		0
4	Measuring and improving community resilience: A fuzzy logic approach. International Journal of Disaster Risk Reduction, 2022, 78, 103118.	1.8	10
5	Dynamic control for construction project scheduling on-the-run. Automation in Construction, 2022, 141, 104450.	4.8	3
6	Integrated platform to assess seismic resilience at the community level. Sustainable Cities and Society, 2021, 64, 102506.	5.1	46
7	Quantifying restoration time of power and telecommunication lifelines after earthquakes using Bayesian belief network model. Reliability Engineering and System Safety, 2021, 208, 107320.	5.1	25
8	Multi-system intervention optimization for interdependent infrastructure. Automation in Construction, 2021, 127, 103698.	4.8	11
9	Mitigation Controller: Adaptive Simulation Approach for Planning Control Measures in Large Construction Projects. Journal of Construction Engineering and Management - ASCE, 2021, 147, .	2.0	3
10	Quantifying restoration time of pipelines after earthquakes: Comparison of Bayesian belief networks and fuzzy models. International Journal of Disaster Risk Reduction, 2021, 64, 102491.	1.8	15
11	Resourcefulness quantification approach for resilient communities and countries. International Journal of Disaster Risk Reduction, 2020, 46, 101509.	1.8	12
12	The Open Design education approach - an integrative teaching and learning concept for management and engineering. , 2020, , .		1
13	Probabilistic framework to evaluate the resilience of engineering systems using Bayesian and dynamic Bayesian networks. Reliability Engineering and System Safety, 2020, 198, 106813.	5.1	135
14	Interdependent Infrastructure Interventions Optimization: An Integrative Systems Thinking Approach. , 2020, , .		0
15	Resilience Quantification of Large-Scale Water Distribution Networks: A Probabilistic Approach. , 2020, , .		0
16	Resilience assessment of dynamic engineering systems. MATEC Web of Conferences, 2019, 281, 01008.	0.1	5
17	Resilience Assessment of Urban Communities. ASCE-ASME Journal of Risk and Uncertainty in Engineering Systems, Part A: Civil Engineering, 2019, 5, .	1.1	43
18	Resilience of the Built Environment: A Methodology to Estimate the Downtime of Building Structures Using Fuzzy Logic. , 2019, , 47-76.		6

#	ARTICLE	IF	CITATIONS
19	Downtime estimation of building structures using fuzzy logic. International Journal of Disaster Risk Reduction, 2019, 34, 196-208.	1.8	48
20	PERFORMANCE-BASED SEISMIC DESIGN OF BUILDING STRUCTURES USING A PASSIVE ENERGY DISSIPATION DEVICE. , 2019, , .		0
21	Quantitative Framework to Assess Resilience and Risk at the Country Level. ASCE-ASME Journal of Risk and Uncertainty in Engineering Systems, Part A: Civil Engineering, 2018, 4, .	1.1	22
22	Deterministic and fuzzy-based methods to evaluate community resilience. Earthquake Engineering and Engineering Vibration, 2018, 17, 261-275.	1.1	33
23	Performance-based seismic design of multistory frame structures equipped with crescent-shaped brace. Structural Control and Health Monitoring, 2018, 25, e2079.	1.9	17
24	Downtime estimation and analysis of lifelines after an earthquake. Engineering Structures, 2018, 173, 393-403.	2.6	58
25	PEOPLES: A Tool to Measure Community Resilience. , 2018, , .		9
26	Seismic damage assessment of a virtual large-scale city model. , 2018, , 1936-1942.		0
27	Resilience Assessment of City-Scale Transportation Networks Using Monte Carlo Simulation. , 2018, , 1902-1910.		0
28	A New Resilience Rating System for Countries and States. Procedia Engineering, 2017, 198, 985-998.	1.2	29