

Shital A Thekdi

List of Publications by Year in Descending Order

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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.

25
papers

327
citations

11
h-index

17
g-index

29
ext. papers

397
ext. citations

4.3
avg, IF

4.07
L-index

#	Paper	IF	Citations
25	A Risk-Science Approach to Vulnerability Classification. <i>Risk Analysis</i> , 2021 , 41, 1289-1303	3.9	2
24	Risk Science in Higher Education: The Current and Future Role of Risk Science in the University Curriculum. <i>Risk Analysis</i> , 2021 ,	3.9	3
23	Workforce/Population, Economy, Infrastructure, Geography, Hierarchy, and Time (WEIGHT): Reflections on the Plural Dimensions of Disaster Resilience. <i>Risk Analysis</i> , 2020 , 40, 43-67	3.9	10
22	An iterative learning and inference approach to managing dynamic cyber vulnerabilities of complex systems. <i>Reliability Engineering and System Safety</i> , 2020 , 193, 106664	6.3	8
21	An integrated perspective for balancing performance and risk. <i>Reliability Engineering and System Safety</i> , 2019 , 190, 106525	6.3	7
20	Decision-Making Analytics Using Plural Resilience Parameters for Adaptive Management of Complex Systems. <i>Risk Analysis</i> , 2019 , 39, 871-889	3.9	3
19	Toward adaptive decision support for assessing infrastructure system resilience using hidden performance measures. <i>Journal of Risk Research</i> , 2019 , 22, 1020-1043	4.2	7
18	A methodology to evaluate risk for supporting decisions involving alignment with organizational values. <i>Reliability Engineering and System Safety</i> , 2018 , 172, 84-93	6.3	2
17	A Decision Support Method for Prioritizing Investments Subject to Uncertainties 2017 , 221-240		
16	Robust Investments in Humanitarian Logistics and Supply Chains for Disaster Resilience and Sustainable Communities. <i>Natural Hazards Review</i> , 2016 , 17, 04015017	3.5	11
15	An enhanced data-analytic framework for integrating risk management and performance management. <i>Reliability Engineering and System Safety</i> , 2016 , 156, 277-287	6.3	30
14	Supply Chain Vulnerability Analysis Using Scenario-Based Input-Output Modeling: Application to Port Operations. <i>Risk Analysis</i> , 2016 , 36, 1025-39	3.9	29
13	Multidimensional Data and Model Uncertainties in Comparing Heterogeneous Benefits of Distributed Transportation Projects. <i>Journal of Infrastructure Systems</i> , 2016 , 22, 04015020	2.9	2
12	Prioritization of Capacity Investment Projects with Stakeholder Divergence Criteria for Coordinated Infrastructure Development. <i>Journal of Infrastructure Systems</i> , 2016 , 22, 04015019	2.9	2
11	Comparison of single-echelon vs. multi-echelon inventory systems using multi-objective stochastic modelling. <i>International Journal of Logistics Systems and Management</i> , 2016 , 23, 255	0.7	6
10	Risk Management Should Play a Stronger Role in Developing and Implementing Social Responsibility Policies for Organizations. <i>Risk Analysis</i> , 2016 , 36, 870-3	3.9	1
9	Integrated risk management of safety and development on transportation corridors. <i>Reliability Engineering and System Safety</i> , 2015 , 138, 1-12	6.3	20

8	Quantification of Scenarios and Stakeholders Influencing Priorities for Risk Mitigation in Infrastructure Systems. <i>Journal of Management in Engineering - ASCE</i> , 2014 , 30, 32-40	5.3	35
7	Modeling energy facility regulatory compliance with application to multi-scale liquefied natural gas facilities. <i>Environment Systems and Decisions</i> , 2013 , 33, 404-412	4.1	1
6	Understanding and managing disaster evacuation on a transportation network. <i>Accident Analysis and Prevention</i> , 2013 , 50, 645-58	6.1	32
5	Case studies of scenario analysis for adaptive management of natural resource and infrastructure systems. <i>Environment Systems and Decisions</i> , 2013 , 33, 89-103	4.1	18
4	Risk-Informed Investment for Tropical Cyclone Preparedness of Highway Signs, Signals, and Lights. <i>Journal of Infrastructure Systems</i> , 2013 , 19, 384-394	2.9	15
3	Identification and evaluation of priorities in the business process of a risk or safety organization. <i>Reliability Engineering and System Safety</i> , 2012 , 99, 74-86	6.3	32
2	Decision analysis and risk models for land development affecting infrastructure systems. <i>Risk Analysis</i> , 2012 , 32, 1253-69	3.9	29
1	Risk and Safety Program Performance Evaluation and Business Process Modeling. <i>IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans</i> , 2012 , 42, 1504-1513		21