

Cameron A Mackenzie

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

320
citations

1040056

9
h-index

839539

18
g-index

21
all docs

21
docs citations

21
times ranked

344
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluating the Consequences of an Inland Waterway Port Closure With a Dynamic Multiregional Interdependence Model. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2012, 42, 359-370.	2.9	56
2	Empirical Data and Regression Analysis for Estimation of Infrastructure Resilience with Application to Electric Power Outages. Journal of Infrastructure Systems, 2013, 19, 25-35.	1.8	47
3	Allocating Resources to Enhance Resilience, with Application to Superstorm Sandy and an Electric Utility. Risk Analysis, 2016, 36, 847-862.	2.7	39
4	Sequential exploration-exploitation with dynamic trade-off for efficient reliability analysis of complex engineered systems. Structural and Multidisciplinary Optimization, 2018, 57, 235-250.	3.5	37
5	Decision making under uncertainty for design of resilient engineered systems. Reliability Engineering and System Safety, 2019, 192, 106171.	8.9	28
6	Impact of Pavement Surface Condition on Roadway Departure Crash Risk in Iowa. Infrastructures, 2018, 3, 14.	2.8	23
7	Establishing a frame of reference for measuring disaster resilience. Decision Support Systems, 2021, 140, 113406.	5.9	18
8	An influence diagram approach to automating lead time estimation in Agile Kanban project management. Expert Systems With Applications, 2022, 187, 115866.	7.6	18
9	Identifying and mitigating supply chain risks using fault tree optimization. IIEE Transactions, 2020, 52, 236-254.	2.4	15
10	The economic costs of natural disasters, terrorist attacks, and other calamities: An analysis of economic models that quantify the losses caused by disruptions. , 2016, , .		9
11	A probabilistic model to estimate visual inspection error for metalcastings given different training and judgment types, environmental and human factors, and percent of defects. Journal of Manufacturing Systems, 2018, 48, 97-106.	13.9	8
12	The Hurricane Decision Simulator: A Tool for Marine Forces in New Orleans to Practice Operations Management in Advance of a Hurricane. Manufacturing and Service Operations Management, 2019, 21, 103-120.	3.7	5
13	Evaluating students with online testing modules in engineering economics: A comparison of student performance with online testing and with traditional assessments. Engineering Economist, 2020, 65, 213-235.	1.1	5
14	The Hurwicz Decision Rule's Relationship to Decision Making with the Triangle and Beta Distributions and Exponential Utility. Decision Analysis, 2018, 15, 139-153.	2.1	3
15	Distinguishing between common cause variation and special cause variation in a manufacturing system: A simulation of decision making for different types of variation. International Journal of Production Economics, 2020, 220, 107446.	8.9	3
16	A Bayesian-Influence Model for Error Probability Analysis of Combine Operations in Harvesting. Proceedings of the Human Factors and Ergonomics Society, 2016, 60, 1414-1418.	0.3	2
17	Investigating the relationship of porcine reproductive and respiratory syndrome virus RNA detection between adult/sow farm and wean-to-market age categories. PLoS ONE, 2021, 16, e0253429.	2.5	2
18	Integrating narratives into decision making for complex systems engineering design issues. Systems Engineering, 2020, 23, 65-81.	2.7	1

#	ARTICLE	IF	CITATIONS
19	Optimizing the flexible design of hybrid renewable energy systems. <i>Engineering Economist</i> , 2022, 67, 25-51.	1.1	1
20	Incorporating Supply Chain Design into the Engineering Product Design Phase. , 2021, , .		0