

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	An influence diagram approach to automating lead time estimation in Agile Kanban project management. <i>Expert Systems With Applications</i> , 2022, 187, 115866.	7.6	18
2	Optimizing the flexible design of hybrid renewable energy systems. <i>Engineering Economist</i> , 2022, 67, 25-51.	1.1	1
3	Establishing a frame of reference for measuring disaster resilience. <i>Decision Support Systems</i> , 2021, 140, 113406.	5.9	18
4	Incorporating Supply Chain Design into the Engineering Product Design Phase. , 2021, , .		0
5	Investigating the relationship of porcine reproductive and respiratory syndrome virus RNA detection between adult/sow farm and wean-to-market age categories. <i>PLoS ONE</i> , 2021, 16, e0253429.	2.5	2
6	Identifying and mitigating supply chain risks using fault tree optimization. <i>IIE Transactions</i> , 2020, 52, 236-254.	2.4	15
7	Distinguishing between common cause variation and special cause variation in a manufacturing system: A simulation of decision making for different types of variation. <i>International Journal of Production Economics</i> , 2020, 220, 107446.	8.9	3
8	Integrating narratives into decision making for complex systems engineering design issues. <i>Systems Engineering</i> , 2020, 23, 65-81.	2.7	1
9	Evaluating students with online testing modules in engineering economics: A comparison of student performance with online testing and with traditional assessments. <i>Engineering Economist</i> , 2020, 65, 213-235.	1.1	5
10	Decision making under uncertainty for design of resilient engineered systems. <i>Reliability Engineering and System Safety</i> , 2019, 192, 106171.	8.9	28
11	The Hurricane Decision Simulator: A Tool for Marine Forces in New Orleans to Practice Operations Management in Advance of a Hurricane. <i>Manufacturing and Service Operations Management</i> , 2019, 21, 103-120.	3.7	5
12	Sequential exploration-exploitation with dynamic trade-off for efficient reliability analysis of complex engineered systems. <i>Structural and Multidisciplinary Optimization</i> , 2018, 57, 235-250.	3.5	37
13	A probabilistic model to estimate visual inspection error for metalcastings given different training and judgment types, environmental and human factors, and percent of defects. <i>Journal of Manufacturing Systems</i> , 2018, 48, 97-106.	13.9	8
14	Impact of Pavement Surface Condition on Roadway Departure Crash Risk in Iowa. <i>Infrastructures</i> , 2018, 3, 14.	2.8	23
15	The Hurwicz Decision Rule's Relationship to Decision Making with the Triangle and Beta Distributions and Exponential Utility. <i>Decision Analysis</i> , 2018, 15, 139-153.	2.1	3
16	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
17	Allocating Resources to Enhance Resilience, with Application to Superstorm Sandy and an Electric Utility. <i>Risk Analysis</i> , 2016, 36, 847-862.	2.7	39
18	A Bayesian-Influence Model for Error Probability Analysis of Combine Operations in Harvesting. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2016, 60, 1414-1418.	0.3	2

#	ARTICLE	IF	CITATIONS
19	Empirical Data and Regression Analysis for Estimation of Infrastructure Resilience with Application to Electric Power Outages. <i>Journal of Infrastructure Systems</i> , 2013, 19, 25-35.	1.8	47
20	Evaluating the Consequences of an Inland Waterway Port Closure With a Dynamic Multiregional Interdependence Model. <i>IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans</i> , 2012, 42, 359-370.	2.9	56