

John Quigley

List of Publications by Year in descending order

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49
papers

1,156
citations

516710

16
h-index

395702

33
g-index

53
all docs

53
docs citations

53
times ranked

1026
citing authors

#	ARTICLE	IF	CITATIONS
1	Consequences of representativeness bias on SHM-based decision-making. Structure and Infrastructure Engineering, 2022, 18, 851-863.	3.7	3
2	Quantifying the benefit of structural health monitoring: can the value of information be negative?. Structure and Infrastructure Engineering, 2022, 18, 573-594.	3.7	7
3	Assessment of predictive probability models for effective mechanical design feature reuse. Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM, 2022, 36, .	1.1	2
4	Mapping conditional scenarios for knowledge structuring in (tail) dependence elicitation. Journal of the Operational Research Society, 2021, 72, 889-907.	3.4	3
5	An elicitation process to quantify Bayesian networks for dam failure analysis. Canadian Journal of Civil Engineering, 2021, 48, 1235-1244.	1.3	9
6	Characteristics of a Process for Subjective Probability Elicitation. Profiles in Operations Research, 2021, , 287-318.	0.4	2
7	Quantifying the benefit of SHM: can the Vol be negative?. , 2019, , .		2
8	Supplier quality improvement: The value of information under uncertainty. European Journal of Operational Research, 2018, 264, 932-947.	5.7	39
9	Cost-Effectiveness and Manageability Based Prioritisation of Supply Chain Risk Mitigation Strategies. , 2018, , 23-42.		1
10	Elicitation in the Classical Model. Profiles in Operations Research, 2018, , 15-36.	0.4	26
11	A Methodology for Constructing Subjective Probability Distributions with Data. Profiles in Operations Research, 2018, , 141-170.	0.4	1
12	Emulation of Utility Functions Over a Set of Permutations: Sequencing Reliability Growth Tasks. Technometrics, 2018, 60, 273-285.	1.9	3
13	Supply chain risk network management: A Bayesian belief network and expected utility based approach for managing supply chain risks. International Journal of Production Economics, 2018, 196, 24-42.	8.9	144
14	IWSHM 2017: Quantifying the benefit of structural health monitoring: what if the manager is not the owner?. Structural Health Monitoring, 2018, 17, 1393-1409.	7.5	16
15	Sequential Refined Partitioning for Probabilistic Dependence Assessment. Risk Analysis, 2018, 38, 2683-2702.	2.7	12
16	Exploring dependency based probabilistic supply chain risk measures for prioritising interdependent risks and strategies. European Journal of Operational Research, 2017, 259, 189-204.	5.7	73
17	Learning from mixed OR method practice: The NINES case study. Omega, 2017, 69, 70-81.	5.9	10
18	Clustering people trust behavior in emergency evacuation: Evidence from sinabung volcano eruption. , 2017, , .		2

#	ARTICLE	IF	CITATIONS
19	Pre-existing condition: Taking media coverage into account when preparing for H1N1. Canadian Public Administration, 2016, 59, 267-288.	0.9	2
20	Project Complexity and Risk Management (ProCRiM): Towards modelling project complexity driven risk paths in construction projects. International Journal of Project Management, 2016, 34, 1183-1198.	5.6	202
21	Detectability Based Prioritization of Interdependent Supply Chain Risks. Lecture Notes in Business Information Processing, 2016, , 73-87.	1.0	0
22	Allocation of tasks for reliability growth using multi-attribute utility. European Journal of Operational Research, 2016, 255, 259-271.	5.7	12
23	Evaluation of control strategies for managing supply chain risks using Bayesian Belief Networks. , 2015, , .		9
24	Cost and benefit analysis of supplier risk mitigation in an aerospace Supply chain. , 2015, , .		3
25	Modelling project complexity driven risk paths in new product development. , 2015, , .		0
26	Systemic risk elicitation: Using causal maps to engage stakeholders and build a comprehensive view of risks. European Journal of Operational Research, 2014, 238, 290-299.	5.7	97
27	A Bayes Linear Bayes Method for Estimation of Correlated Event Rates. Risk Analysis, 2013, 33, 2209-2224.	2.7	9
28	Estimating risk when zero events have been observed. BMJ Quality and Safety, 2013, 22, 1042-1043.	3.7	9
29	“Of Gods and Men” Selected Print Media Coverage of Natural Disasters and Industrial Failures in Three Westminster Countries. Journal of Homeland Security and Emergency Management, 2013, 10, .	0.5	5
30	Risk analysis of damaged ships – a data-driven Bayesian approach. Ships and Offshore Structures, 2012, 7, 333-347.	1.9	53
31	Estimating the Probability of Rare Events: Addressing Zero Failure Data. Risk Analysis, 2011, 31, 1120-1132.	2.7	26
32	Merging expert and empirical data for rare event frequency estimation: Pool homogenisation for empirical Bayes models. Reliability Engineering and System Safety, 2011, 96, 687-695.	8.9	14
33	Mixing Bayes and empirical Bayes inference to anticipate the realization of engineering concerns about variant system designs. Reliability Engineering and System Safety, 2011, 96, 933-941.	8.9	5
34	Empirical Bayes Estimates of Development Reliability for One Shot Devices. Safety and Reliability, 2009, 29, 35-46.	0.6	1
35	Expert judgement combination using moment methods. Reliability Engineering and System Safety, 2008, 93, 675-686.	8.9	24
36	Modelling the reliability of search and rescue operations with Bayesian Belief Networks. Reliability Engineering and System Safety, 2008, 93, 940-949.	8.9	65

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37	Estimating rate of occurrence of rare events with empirical bayes: A railway application. Reliability Engineering and System Safety, 2007, 92, 619-627.	8.9	42
38	Trading reliability targets within a supply chain using Shapley's value. Reliability Engineering and System Safety, 2007, 92, 1448-1457.	8.9	30
39	Rejoinder: Expert Elicitation for Reliable System Design. Statistical Science, 2006, 21, 460.	2.8	2
40	Expert Elicitation for Reliable System Design. Statistical Science, 2006, 21, 428.	2.8	47
41	Prediction Intervals for Reliability Growth Models with Small Sample Sizes. , 2006, , 113-123.		0
42	OPTIMAL DISCRETE STOPPING TIMES FOR RELIABILITY GROWTH TESTS. International Journal of Reliability, Quality and Safety Engineering, 2005, 12, 365-383.	0.6	1
43	Conditional Lifetime Data Analysis Using the Limited Expected Value Function. Quality and Reliability Engineering International, 2004, 20, 185-192.	2.3	6
44	Risk reduction prioritization using decision analysis. Risk, Decision and Policy, 2004, 9, 223-236.	0.1	2
45	Cost-benefit modelling for reliability growth. Journal of the Operational Research Society, 2003, 54, 1234-1241.	3.4	13
46	Building prior distributions to support Bayesian reliability growth modelling using expert judgement. Reliability Engineering and System Safety, 2001, 74, 117-128.	8.9	88
47	Learning to improve reliability during system development. European Journal of Operational Research, 1999, 119, 495-509.	5.7	11
48	Measuring the effectiveness of reliability growth testing. Quality and Reliability Engineering International, 1999, 15, 87-93.	2.3	20
49	Is eliciting dependency worth the effort? A study for the multivariate Poisson-Gamma probability model. Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability, 0, , 1748006X2110594.	0.7	0