

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	Project Complexity and Risk Management (ProCRiM): Towards modelling project complexity driven risk paths in construction projects. <i>International Journal of Project Management</i> , 2016, 34, 1183-1198.	5.6	202
2	Supply chain risk network management: A Bayesian belief network and expected utility based approach for managing supply chain risks. <i>International Journal of Production Economics</i> , 2018, 196, 24-42.	8.9	144
3	Systemic risk elicitation: Using causal maps to engage stakeholders and build a comprehensive view of risks. <i>European Journal of Operational Research</i> , 2014, 238, 290-299.	5.7	97
4	Building prior distributions to support Bayesian reliability growth modelling using expert judgement. <i>Reliability Engineering and System Safety</i> , 2001, 74, 117-128.	8.9	88
5	Exploring dependency based probabilistic supply chain risk measures for prioritising interdependent risks and strategies. <i>European Journal of Operational Research</i> , 2017, 259, 189-204.	5.7	73
6	Modelling the reliability of search and rescue operations with Bayesian Belief Networks. <i>Reliability Engineering and System Safety</i> , 2008, 93, 940-949.	8.9	65
7	Risk analysis of damaged ships – a data-driven Bayesian approach. <i>Ships and Offshore Structures</i> , 2012, 7, 333-347.	1.9	53
8	Expert Elicitation for Reliable System Design. <i>Statistical Science</i> , 2006, 21, 428.	2.8	47
9	Estimating rate of occurrence of rare events with empirical bayes: A railway application. <i>Reliability Engineering and System Safety</i> , 2007, 92, 619-627.	8.9	42
10	Supplier quality improvement: The value of information under uncertainty. <i>European Journal of Operational Research</i> , 2018, 264, 932-947.	5.7	39
11	Trading reliability targets within a supply chain using Shapley's value. <i>Reliability Engineering and System Safety</i> , 2007, 92, 1448-1457.	8.9	30
12	Estimating the Probability of Rare Events: Addressing Zero Failure Data. <i>Risk Analysis</i> , 2011, 31, 1120-1132.	2.7	26
13	Elicitation in the Classical Model. <i>Profiles in Operations Research</i> , 2018, , 15-36.	0.4	26
14	Expert judgement combination using moment methods. <i>Reliability Engineering and System Safety</i> , 2008, 93, 675-686.	8.9	24
15	Measuring the effectiveness of reliability growth testing. <i>Quality and Reliability Engineering International</i> , 1999, 15, 87-93.	2.3	20
16	IWSHM 2017: Quantifying the benefit of structural health monitoring: what if the manager is not the owner?. <i>Structural Health Monitoring</i> , 2018, 17, 1393-1409.	7.5	16
17	Merging expert and empirical data for rare event frequency estimation: Pool homogenisation for empirical Bayes models. <i>Reliability Engineering and System Safety</i> , 2011, 96, 687-695.	8.9	14
18	Cost-benefit modelling for reliability growth. <i>Journal of the Operational Research Society</i> , 2003, 54, 1234-1241.	3.4	13

#	ARTICLE	IF	CITATIONS
19	Allocation of tasks for reliability growth using multi-attribute utility. <i>European Journal of Operational Research</i> , 2016, 255, 259-271.	5.7	12
20	Sequential Refined Partitioning for Probabilistic Dependence Assessment. <i>Risk Analysis</i> , 2018, 38, 2683-2702.	2.7	12
21	Learning to improve reliability during system development. <i>European Journal of Operational Research</i> , 1999, 119, 495-509.	5.7	11
22	Learning from mixed OR method practice: The NINES case study. <i>Omega</i> , 2017, 69, 70-81.	5.9	10
23	A Bayes Linear Bayes Method for Estimation of Correlated Event Rates. <i>Risk Analysis</i> , 2013, 33, 2209-2224.	2.7	9
24	Estimating risk when zero events have been observed. <i>BMJ Quality and Safety</i> , 2013, 22, 1042-1043.	3.7	9
25	Evaluation of control strategies for managing supply chain risks using Bayesian Belief Networks. , 2015, , .		9
26	An elicitation process to quantify Bayesian networks for dam failure analysis. <i>Canadian Journal of Civil Engineering</i> , 2021, 48, 1235-1244.	1.3	9
27	Quantifying the benefit of structural health monitoring: can the value of information be negative?. <i>Structure and Infrastructure Engineering</i> , 2022, 18, 573-594.	3.7	7
28	Conditional Lifetime Data Analysis Using the Limited Expected Value Function. <i>Quality and Reliability Engineering International</i> , 2004, 20, 185-192.	2.3	6
29	Mixing Bayes and empirical Bayes inference to anticipate the realization of engineering concerns about variant system designs. <i>Reliability Engineering and System Safety</i> , 2011, 96, 933-941.	8.9	5
30	“Of Gods and Men” Selected Print Media Coverage of Natural Disasters and Industrial Failures in Three Westminster Countries. <i>Journal of Homeland Security and Emergency Management</i> , 2013, 10, .	0.5	5
31	Cost and benefit analysis of supplier risk mitigation in an aerospace Supply chain. , 2015, , .		3
32	Emulation of Utility Functions Over a Set of Permutations: Sequencing Reliability Growth Tasks. <i>Technometrics</i> , 2018, 60, 273-285.	1.9	3
33	Mapping conditional scenarios for knowledge structuring in (tail) dependence elicitation. <i>Journal of the Operational Research Society</i> , 2021, 72, 889-907.	3.4	3
34	Consequences of representativeness bias on SHM-based decision-making. <i>Structure and Infrastructure Engineering</i> , 2022, 18, 851-863.	3.7	3
35	Rejoinder: Expert Elicitation for Reliable System Design. <i>Statistical Science</i> , 2006, 21, 460.	2.8	2
36	Pre-existing condition: Taking media coverage into account when preparing for H1N1. <i>Canadian Public Administration</i> , 2016, 59, 267-288.	0.9	2

#	ARTICLE	IF	CITATIONS
37	Clustering people trust behavior in emergency evacuation: Evidence from sinabung volcano eruption. , 2017, , .		2
38	Characteristics of a Process for Subjective Probability Elicitation. Profiles in Operations Research, 2021, , 287-318.	0.4	2
39	Risk reduction prioritization using decision analysis. Risk, Decision and Policy, 2004, 9, 223-236.	0.1	2
40	Quantifying the benefit of SHM: can the Vol be negative?. , 2019, , .		2
41	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
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	Empirical Bayes Estimates of Development Reliability for One Shot Devices. Safety and Reliability, 2009, 29, 35-46.	0.6	1
44	Cost-Effectiveness and Manageability Based Prioritisation of Supply Chain Risk Mitigation Strategies. , 2018, , 23-42.		1
45	A Methodology for Constructing Subjective Probability Distributions with Data. Profiles in Operations Research, 2018, , 141-170.	0.4	1
46	Modelling project complexity driven risk paths in new product development. , 2015, , .		0
47	Detectability Based Prioritization of Interdependent Supply Chain Risks. Lecture Notes in Business Information Processing, 2016, , 73-87.	1.0	0
48	Prediction Intervals for Reliability Growth Models with Small Sample Sizes. , 2006, , 113-123.		0
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