

Matthew Revie

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

603
citations

623734

14
h-index

677142

22
g-index

29
all docs

29
docs citations

29
times ranked

705
citing authors

#	ARTICLE	IF	CITATIONS
1	Advanced logistics planning for offshore wind farm operation and maintenance activities. <i>Ocean Engineering</i> , 2015, 101, 211-226.	4.3	110
2	Availability, operation and maintenance costs of offshore wind turbines with different drive train configurations. <i>Wind Energy</i> , 2017, 20, 361-378.	4.2	94
3	A Load Sharing System Reliability Model With Managed Component Degradation. <i>IEEE Transactions on Reliability</i> , 2014, 63, 721-730.	4.6	60
4	Development of a Combined Operational and Strategic Decision Support Model for Offshore Wind. <i>Energy Procedia</i> , 2013, 35, 157-166.	1.8	57
5	Intelligent integrated maintenance for wind power generation. <i>Wind Energy</i> , 2016, 19, 547-562.	4.2	28
6	Screening, sensitivity, and uncertainty for the CREAM method of Human Reliability Analysis. <i>Reliability Engineering and System Safety</i> , 2013, 115, 100-110.	8.9	27
7	Estimating the Probability of Rare Events: Addressing Zero Failure Data. <i>Risk Analysis</i> , 2011, 31, 1120-1132.	2.7	26
8	Exploring the impact of innovative developments to the installation process for an offshore wind farm. <i>Ocean Engineering</i> , 2015, 109, 623-634.	4.3	26
9	A mixed-method optimisation and simulation framework for supporting logistical decisions during offshore wind farm installations. <i>European Journal of Operational Research</i> , 2018, 264, 894-906.	5.7	25
10	Associations between obesity and cognition in the pre-é school years. <i>Obesity</i> , 2016, 24, 207-214.	3.0	22
11	Reliability Modeling of Infrastructure Load-Sharing Systems With Workload Adjustment. <i>IEEE Transactions on Reliability</i> , 2019, 68, 1283-1295.	4.6	22
12	Continuous-Observation Partially Observable Semi-Markov Decision Processes for Machine Maintenance. <i>IEEE Transactions on Reliability</i> , 2017, 66, 202-218.	4.6	18
13	Application of multiple linear regression and Bayesian belief network approaches to model life risk to beach users in the UK. <i>Ocean and Coastal Management</i> , 2017, 139, 12-23.	4.4	17
14	An economic impact metric for evaluating wave height forecasters for offshore wind maintenance access. <i>Wind Energy</i> , 2016, 19, 199-212.	4.2	15
15	Supporting Reliability Decisions During Defense Procurement Using a Bayes Linear Methodology. <i>IEEE Transactions on Engineering Management</i> , 2011, 58, 662-673.	3.5	14
16	Cost Benefit Analysis of Mothership Concept and Investigation of Optimum Chartering Strategy for Offshore Wind Farms. <i>Energy Procedia</i> , 2015, 80, 63-71.	1.8	10
17	Estimating risk when zero events have been observed. <i>BMJ Quality and Safety</i> , 2013, 22, 1042-1043.	3.7	9
18	Decision Support Tool for Offshore Wind Farm Vessel Routing under Uncertainty. <i>Energies</i> , 2018, 11, 2190.	3.1	9

#	ARTICLE	IF	CITATIONS
19	Heuristic algorithm for the problem of vessel routing optimisation for offshore wind farms. Journal of Engineering, 2017, 2017, 1159-1163.	1.1	4
20	Reliability analysis of load-sharing systems with spatial dependence and proximity effects. Reliability Engineering and System Safety, 2022, 221, 108284.	8.9	4
21	On modeling player fitness in training for team sports with application to professional rugby. International Journal of Sports Science and Coaching, 2017, 12, 183-193.	1.4	3
22	Applying Bayes linear methods to support reliability procurement decisions. , 2008, , .		1
23	Training courses on "Steering an Expert Knowledge Elicitation" and "Use of the Expert Knowledge Elicitation Guidance in Risk Assessments for EFSA Management" and "Conduct of the Sheffield protocol for an Expert Knowledge Elicitation". EFSA Supporting Publications, 2018, 15, 1450E.	0.7	1
24	Quantifying intra-organisational risks: An analysis of practice-theory tensions in probability elicitation to improve technical risk management in an energy utility. Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability, 2015, 229, 171-180.	0.7	0
25	Reliability, risk and safety: analytical support for decision making. EURO Journal on Decision Processes, 2017, 5, 1-4.	2.7	0
26	On modeling insights for emerging engineering problems: A case study on the impact of climate uncertainty on the operational performance of offshore wind farms. Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability, 2018, 232, 524-532.	0.7	0
27	Saddlepoint approximation for the generalized inverse Gaussian Lévy process. Journal of Computational and Applied Mathematics, 2022, 411, 114275.	2.0	0