Jin Wang

List of Publications by Year
in descending order

172	8,494	38660 50	51492 86
papers	citations	h-index	g-index

174	174	174	3896
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A statistical analysis-based Bayesian Network model for assessment of mobbing acts on ships. Maritime Policy and Management, 2023, 50, 750-775.	1.9	3
2	Identification of Chinaâ€™s strategic transport passages in the context of the Belt and Road initiative. Maritime Policy and Management, 2023, 50, 582-607.	1.9	6
3	Numerical analysis and staircase layout optimisation for a Ro-Ro passenger ship during emergency evacuation. Reliability Engineering and System Safety, 2022, 217, 108056.	5.1	25
4	Modified FMEA hazard identification for cross-country petroleum pipeline using Fuzzy Rule Base and approximate reasoning. Journal of Loss Prevention in the Process Industries, 2022, 74, 104616.	1.7	34
5	An assessment of causes and failure likelihood of cross-country pipelines under uncertainty using bayesian networks. Reliability Engineering and System Safety, 2022, 218, 108171.	5.1	19
6	GIS-based analysis on the spatial patterns of global maritime accidents. Ocean Engineering, 2022, 245, 110569.	1.9	27
7	A hybrid model for marine accident analysis based on Bayesian Network (BN) and Association Rule Mining (ARM). Ocean Engineering, 2022, 247, 110705.	1.9	23
8	Simulation of evacuation in an inclined passenger vessel based on an improved social force model. Safety Science, 2022, 148, 105675.	2.6	25
9	Evolutionary Game Model of Strategic Maritime Transport Passages: A Case of the Strait of Hormuz. Journal of Marine Science and Engineering, 2022, 10, 346.	1.2	3
10	A new hybrid approach for determining sector-specific risk factors in Turkish Straits: Fuzzy AHP-PRAT technique. Ocean Engineering, 2022, 253, 111280.	1.9	10
11	Dynamic analysis of 10ÂMW offshore wind turbines with different support structures subjected to earthquake loadings. Renewable Energy, 2022, 193, 758-777.	4.3	8
12	Preliminary development of a novel catamaran floating offshore wind turbine platform and assessment of dynamic behaviours for intermediate water depth application. Ocean Engineering, 2022, 258, 111769.	1.9	8
13	Analysis of the injury-severity outcomes of maritime accidents using a zero-inflated ordered probit model. Ocean Engineering, 2022, 258, 111796.	1.9	9
14	Analysis of occupational burnout utilising Maslach inventory: a case study of Turkish male seafarers. Maritime Policy and Management, 2021, 48, 1124-1137.	1.9	10
15	Condition monitoring of marine and offshore machinery using evidential reasoning techniques. Journal of Marine Engineering and Technology, 2021, 20, 93-124.	1.9	10
16	Application of the HFACS-PV approach for identification of human and organizational factors (HOFs) influencing marine accidents. Reliability Engineering and System Safety, 2021, 208, 107395.	5.1	49
17	Experimental study on individual walking speed during emergency evacuation with the influence of ship motion. Physica A: Statistical Mechanics and Its Applications, 2021, 562, 125369.	1.2	19
18	Passengersâ€™ safety awareness and perception of wayfinding tools in a Ro-Ro passenger ship during an emergency evacuation. Safety Science, 2021, 137, 105189.	2.6	25

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19	An analysis of factors affecting the severity of marine accidents. Reliability Engineering and System Safety, 2021, 210, 107513.	5.1	89
20	Modelling of possible tanker accident oil spills in the Istanbul Strait in order to demonstrate the dispersion and toxic effects of oil pollution. Environmental Monitoring and Assessment, 2021, 193, 538.	1.3	11
21	An experimental analysis of evacueesâ€™ walking speeds under different rolling conditions of a ship. Ocean Engineering, 2021, 233, 108997.	1.9	13
22	Investigation on mooring breakage effects of a 5â€¯MW barge-type floating offshore wind turbine using F2A. Ocean Engineering, 2021, 233, 108887.	1.9	35
23	A Novel Ship Collision Avoidance Awareness Approach for Cooperating Ships Using Multi-Agent Deep Reinforcement Learning. Journal of Marine Science and Engineering, 2021, 9, 1056.	1.2	16
24	Diagnosis of damaged tendons on a 10ÂMW multibody floating offshore wind turbine platform via a response-only functional model based method. Engineering Structures, 2021, 242, 112384.	2.6	5
25	Coupled analysis of a 10ÂMW multi-body floating offshore wind turbine subjected to tendon failures. Renewable Energy, 2021, 176, 89-105.	4.3	25
26	The effect of nonconformities encountered in the use of technology on the occurrence of collision, contact and grounding accidents. Reliability Engineering and System Safety, 2021, 215, 107886.	5.1	33
27	Utilizing the evidential reasoning approach to determine a suitable wireless sensor network orientation for asset integrity monitoring of an offshore gas turbine driven generator. Expert Systems With Applications, 2021, 185, 115583.	4.4	3
28	Structural health monitoring of tendons in a multibody floating offshore wind turbine under varying environmental and operating conditions. Renewable Energy, 2021, 179, 1897-1914.	4.3	11
29	The evolution of the HFACS method used in analysis of marine accidents: A review. International Journal of Industrial Ergonomics, 2021, 86, 103225.	1.5	32
30	Lifespan cost analysis of alternatives to global sulphur emission limit with uncertainties. Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment, 2021, 235, 921-930.	0.3	4
31	Deviation warnings of ferries based on artificial potential field and historical data. Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment, 2020, 234, 712-727.	0.3	1
32	A hybrid model for human-factor analysis of engine-room fires on ships: HFACS-PV&FFTA. Ocean Engineering, 2020, 217, 107992.	1.9	57
33	Development and application of an aero-hydro-servo-elastic coupling framework for analysis of floating offshore wind turbines. Renewable Energy, 2020, 161, 606-625.	4.3	68
34	Analyzing Collision, Grounding, and Sinking Accidents Occurring in the Black Sea Utilizing HFACS and Bayesian Networks. Risk Analysis, 2020, 40, 2610-2638.	1.5	45
35	Formal Safety Assessment of a Marine Seismic Survey Vessel Operation, Incorporating Risk Matrix and Fault Tree Analysis. Journal of Marine Science and Application, 2020, 19, 155-172.	0.7	15
36	Mitigation of coupled wind-wave-earthquake responses of a 10ÂMW fixed-bottom offshore wind turbine. Renewable Energy, 2020, 157, 1171-1184.	4.3	39

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37	A novel path planning approach for smart cargo ships based on anisotropic fast marching. Expert Systems With Applications, 2020, 159, 113558.	4.4	25
38	Multi-ship following operation in ice-covered waters with consideration of inter-ship communication. Ocean Engineering, 2020, 210, 107545.	1.9	21
39	Passengers' likely behaviour based on demographic difference during an emergency evacuation in a Ro-Ro passenger ship. Safety Science, 2020, 129, 104803.	2.6	31
40	An integrated risk assessment for maintenance prediction of oil wetted gearbox and bearing in marine and offshore industries using a fuzzy rule base method. Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment, 2020, 234, 313-331.	0.3	4
41	Analysis of fishing vessel accidents with Bayesian network and Chi-square methods. Ocean Engineering, 2020, 198, 106956.	1.9	46
42	Modelling ship collision risk based on the statistical analysis of historical data: A case study in Hong Kong waters. Ocean Engineering, 2020, 197, 106869.	1.9	32
43	A proactive approach to quantitative assessment of disruption risks of petroleum refinery operation. Safety Science, 2020, 127, 104666.	2.6	4
44	Use of evidential reasoning for eliciting bayesian subjective probabilities in human reliability analysis: A maritime case. Ocean Engineering, 2019, 186, 106095.	1.9	35
45	Blowout fire probability prediction of offshore drilling platform based on system dynamics. Journal of Loss Prevention in the Process Industries, 2019, 62, 103960.	1.7	16
46	Investigation on the sensitivity of flexible foundation models of an offshore wind turbine under earthquake loadings. Engineering Structures, 2019, 183, 756-769.	2.6	25
47	A knowledge-free path planning approach for smart ships based on reinforcement learning. Ocean Engineering, 2019, 189, 106299.	1.9	130
48	Real-time seat allocation for minimizing boarding/alighting time and improving quality of service and safety for passengers. Transportation Research Part C: Emerging Technologies, 2019, 103, 158-173.	3.9	21
49	An analysis and comparison of multinational officers of the watch in the global maritime labor market. Maritime Policy and Management, 2019, 46, 757-780.	1.9	15
50	Analysis of seismic behaviour of an offshore wind turbine with a flexible foundation. Ocean Engineering, 2019, 178, 215-228.	1.9	41
51	Application of a multiple attribute group decision making (MAGDM) model for selecting appropriate maintenance strategy for marine and offshore machinery operations. Ocean Engineering, 2019, 179, 246-260.	1.9	43
52	Advanced uncertainty modelling for container port risk analysis. Accident Analysis and Prevention, 2019, 123, 411-421.	3.0	74
53	Site Selection Appraisal for Tidal Turbine Development in the River Mersey. Journal of Marine Science and Application, 2018, 17, 112-121.	0.7	1
54	Target recognition for coastal surveillance based on radar images and generalised Bayesian inference. IET Intelligent Transport Systems, 2018, 12, 103-112.	1.7	5

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55	Short-term fatigue analysis for tower base of a spar-type wind turbine under stochastic wind-wave loads. International Journal of Naval Architecture and Ocean Engineering, 2018, 10, 9-20.	1.0	46
56	Bayesian network modelling of an offshore electrical generation system for applications within an asset integrity case for normally unattended offshore installations. Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment, 2018, 232, 402-420.	0.3	2
57	Effects of seafarersâ€™ emotion on human performance using bridge simulation. Ocean Engineering, 2018, 170, 111-119.	1.9	56
58	A Threeâ€Part Bayesian Network for Modeling Dwelling Fires and Their Impact upon People and Property. Risk Analysis, 2018, 38, 2087-2104.	1.5	8
59	Modified human factor analysis and classification system for passenger vessel accidents (HFACS-PV). Ocean Engineering, 2018, 161, 47-61.	1.9	87
60	A Decision Support System for the Assessment of Seaportsâ€™ Security Under Fuzzy Environment. Intelligent Systems Reference Library, 2018, , 145-177.	1.0	10
61	A Multi-objective Time-Linkage Approach for Dynamic Optimization Problems with Previous-Solution Displacement Restriction. Lecture Notes in Computer Science, 2018, , 864-878.	1.0	7
62	A systematic simulation methodology for LNG ship operations in port waters: a case study in Meizhou Bay. Journal of Marine Engineering and Technology, 2017, , 1-21.	1.9	3
63	A new hybrid approach to human error probability quantificationâ€“applications in maritime operations. Ocean Engineering, 2017, 138, 45-54.	1.9	68
64	A New Multi-swarm Particle Swarm Optimization for Robust Optimization Over Time. Lecture Notes in Computer Science, 2017, , 99-109.	1.0	15
65	Predicting a Containership's Arrival Punctuality in Liner Operations by Using a Fuzzy Rule-Based Bayesian Network (FRBBN). Asian Journal of Shipping and Logistics, 2017, 33, 95-104.	1.8	26
66	Correlation between hardness and water absorption properties of Saudi kaolin and white clay geopolymer coating. AIP Conference Proceedings, 2017, , .	0.3	2
67	A review on human factors in maritime transportation using seafarers' physiological data. , 2017, , .		8
68	Analytical strategic safety management in container ports. , 2017, , .		1
69	The Attractiveness of Ports in <scp>W</scp>est <scp>A</scp>frica: Some Lessons from Shipping Lines' Port Selection. Growth and Change, 2016, 47, 416-426.	1.3	21
70	Current status and framework of China's inland passenger ship safety system. , 2016, , .		1
71	Use of evidential reasoning for eliciting Bayesian subjective probabilities in human reliability analysis. , 2016, , .		2
72	CPA Calculation Method based on AIS Position Prediction. Journal of Navigation, 2016, 69, 1409-1426.	1.0	31

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73	The impact of transport infrastructure projects on sustainable development within a major logistics gateway in North West England. Logistics & Sustainable Transport, 2016, 7, 28-40.	1.5	7
74	A novel flexible model for piracy and robbery assessment of merchant ship operations. Reliability Engineering and System Safety, 2016, 155, 196-211.	5.1	75
75	A novel approach of collision assessment for coastal radar surveillance. Reliability Engineering and System Safety, 2016, 155, 179-195.	5.1	10
76	Hazard identification in chemical supply chains: The development of a novel taxonomy. , 2016, , .		1
77	A novel marine radar targets extraction approach based on sequential images and Bayesian Network. Ocean Engineering, 2016, 120, 64-77.	1.9	26
78	Use of fuzzy rule-based evidential reasoning approach in the navigational risk assessment of inland waterway transportation systems. Safety Science, 2016, 82, 352-360.	2.6	92
79	A risk assessment approach to improve the resilience of a seaport system using Bayesian networks. Ocean Engineering, 2016, 111, 136-147.	1.9	99
80	A system dynamics approach for enhancing social behaviours regarding the reuse of packaging. Expert Systems With Applications, 2016, 46, 417-425.	4.4	33
81	A Fuzzy Rule-Based Bayesian Reasoning Method for Analysing the Necessity of Super Slow Steaming under Uncertainty: Containership. International Journal of E-Navigation and Maritime Economy, 2015, 3, 1-12.	1.2	5
82	Use of fuzzy risk assessment in FMEA of offshore engineering systems. Ocean Engineering, 2015, 95, 195-204.	1.9	91
83	A risk appraisal system regarding the implementation of maritime regulations by a ship operator. Maritime Policy and Management, 2015, 42, 389-413.	1.9	12
84	A novel method for restoring the trajectory of the inland waterway ship by using AIS data. Ocean Engineering, 2015, 110, 183-194.	1.9	84
85	Major issues associated with maritime security and piracy study. , 2015, , .		1
86	Evaluating the effectiveness of ERS for vessel oil spills using fuzzy evidential reasoning. Ocean Systems Engineering, 2015, 5, 161-179.	0.5	0
87	An accident dataâ€“based approach for congestion risk assessment of inland waterways: A Yangtze River case. Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability, 2014, 228, 176-188.	0.6	21
88	Application of a collaborative modelling and strategic fuzzy decision support system for selecting appropriate resilience strategies for seaport operations. Journal of Traffic and Transportation Engineering (English Edition), 2014, 1, 159-179.	2.0	11
89	An advanced risk analysis approach for container port safety evaluation. Maritime Policy and Management, 2014, 41, 634-650.	1.9	72
90	A model assessing cost of operating marine systems using data obtained from Monte Carlo analysis. Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment, 2014, 228, 398-412.	0.3	1

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91	A proposed decision-making model for evaluating a containerâ€™s security score. Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment, 2014, 228, 81-104.	0.3	4
92	Bayesian network with quantitative input for maritime risk analysis. Transportmetrica A: Transport Science, 2014, 10, 89-118.	1.3	75
93	An integrated fuzzy risk assessment for seaport operations. Safety Science, 2014, 68, 180-194.	2.6	104
94	A new risk quantification approach in port facility security assessment. Transportation Research, Part A: Policy and Practice, 2014, 59, 72-90.	2.0	54
95	Leading factors in job satisfaction of Chinese seafarers. International Journal of Shipping and Transport Logistics, 2014, 6, 680.	0.2	14
96	Developing a conceptual framework to evaluate effectiveness of emergency response system for oil spill. Journal of Traffic and Transportation Engineering (English Edition), 2014, 1, 120-128.	2.0	2
97	Incorporation of formal safety assessment and Bayesian network in navigational risk estimation of the Yangtze River. Reliability Engineering and System Safety, 2013, 118, 93-105.	5.1	227
98	Maritime safety analysis in retrospect. Maritime Policy and Management, 2013, 40, 261-277.	1.9	84
99	Adoption of new advanced computational techniques to hazards ranking in LNG carrier operations. Ocean Engineering, 2013, 72, 31-44.	1.9	32
100	A Human and Organisational Factors (HOFs) analysis method for marine casualties using HFACS-Maritime Accidents (HFACS-MA). Safety Science, 2013, 60, 105-114.	2.6	177
101	A modified CREAM to human reliability quantification in marine engineering. Ocean Engineering, 2013, 58, 293-303.	1.9	121
102	A subjective approach for ballast water risk estimation. Ocean Engineering, 2013, 61, 66-76.	1.9	34
103	Modelling dwelling fire development and occupancy escape using Bayesian network. Reliability Engineering and System Safety, 2013, 114, 75-91.	5.1	51
104	A study of human reaction during the initial stages of a dwelling fire using a Bayesian network model. Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability, 2013, 227, 207-221.	0.6	5
105	A study of maritime security and piracy. Maritime Policy and Management, 2013, 40, 675-693.	1.9	29
106	Prioritising security vulnerabilities in ports. International Journal of Shipping and Transport Logistics, 2013, 5, 622.	0.2	18
107	A seafarerâ€™s reliability assessment incorporating subjective judgements. Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment, 2012, 226, 313-334.	0.3	14
108	Risk-based verification of large offshore systems. Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment, 2012, 226, 273-298.	0.3	1

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109	A preliminary research on risk management for marine industry applications. , 2012, , .		3
110	Application of MADM in a fuzzy environment for selecting the best barrier for offshore wells. Expert Systems With Applications, 2012, 39, 2466-2478.	4.4	45
111	Decision support framework for risk management on sea ports and terminals using fuzzy set theory and evidential reasoning approach. Expert Systems With Applications, 2012, 39, 5087-5103.	4.4	106
112	Selection of techniques for reducing shipping NOx and SOx emissions. Transportation Research, Part D: Transport and Environment, 2012, 17, 478-486.	3.2	135
113	Bayesian modelling for human error probability analysis in CREAM. , 2011, , .		6
114	Application of delay-time analysis via Monte Carlo simulation. Journal of Marine Engineering and Technology, 2011, 10, 57-72.	1.9	22
115	Fuzzy risk assessment of oil and gas offshore wells. Chemical Engineering Research and Design, 2011, 89, 277-294.	2.7	83
116	Approximate TOPSIS for vessel selection under uncertain environment. Expert Systems With Applications, 2011, 38, 14523-14534.	4.4	62
117	Application of a generic bow-tie based risk analysis framework on risk management of sea ports and offshore terminals. Journal of Hazardous Materials, 2011, 192, 465-475.	6.5	113
118	A proposed System of Hierarchical Scorecards to assess the implementation of maritime regulations. Safety Science, 2011, 49, 450-462.	2.6	35
119	The use of Bayesian network modelling for maintenance planning in a manufacturing industry. Reliability Engineering and System Safety, 2010, 95, 267-277.	5.1	202
120	A risk-based modelling approach to enhance shipping accident investigation. Safety Science, 2010, 48, 18-27.	2.6	137
121	Facilitating uncertainty treatment in the risk assessment of container supply chains. Journal of Marine Engineering and Technology, 2010, 9, 23-36.	1.9	29
122	A fuzzy bayesian reasoning method to realise interactive failure analysis. , 2009, , .		1
123	Use of hybrid multiple uncertain attribute decision making techniques in safety management. Expert Systems With Applications, 2009, 36, 1569-1586.	4.4	61
124	Methodology of using delay-time analysis for a manufacturing industry. Reliability Engineering and System Safety, 2009, 94, 111-124.	5.1	58
125	Application of Multiple Attribute Decision-Making (MADM) and Analytical Hierarchy Process (AHP) Methods in the Selection Decisions for a Container Yard Operating System. Marine Technology Society Journal, 2009, 43, 34-50.	0.3	9
126	Ship selection using a multiple-criteria synthesis approach. Journal of Marine Science and Technology, 2008, 13, 50-62.	1.3	38

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127	Self-tuning of fuzzy belief rule bases for engineering system safety analysis. Annals of Operations Research, 2008, 163, 143-168.	2.6	68
128	A methodology to model causal relationships on offshore safety assessment focusing on human and organizational factors. Journal of Safety Research, 2008, 39, 87-100.	1.7	148
129	Marine and Offshore Safety Assessment by Incorporative Risk Modeling in a Fuzzyâ€Bayesian Network of an Induced Mass Assignment Paradigm. Risk Analysis, 2008, 28, 95-112.	1.5	87
130	Fuzzy Rule-Based Bayesian Reasoning Approach for Prioritization of Failures in FMEA. IEEE Transactions on Reliability, 2008, 57, 517-528.	3.5	274
131	Linguistic Assessment Approach for Hierarchical Safety Analysis and Synthesis. Studies in Computational Intelligence, 2008, , 211-230.	0.7	5
132	Automatic Identification System (AIS): Data Reliability and Human Error Implications. Journal of Navigation, 2007, 60, 373-389.	1.0	294
133	Optimization Models for Training Belief-Rule-Based Systems. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2007, 37, 569-585.	3.4	207
134	Inference and learning methodology of belief-rule-based expert system for pipeline leak detection. Expert Systems With Applications, 2007, 32, 103-113.	4.4	231
135	The application of the Six Sigma concept to port security process quality control. Quality and Reliability Engineering International, 2007, 23, 631-639.	1.4	14
136	Belief rule-base inference methodology using the evidential reasoning Approach-RIMER. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2006, 36, 266-285.	3.4	554
137	Maritime Risk Modelling and Decision Making. Quality and Reliability Engineering International, 2006, 22, 1-2.	1.4	10
138	Maritime Risk Assessment and its Current Status. Quality and Reliability Engineering International, 2006, 22, 3-19.	1.4	36
139	Enabling a Powerful Marine and Offshore Decision-Support Solution Through Bayesian Network Technique. Risk Analysis, 2006, 26, 695-721.	1.5	89
140	A break-even model for evaluating the cost of container ships waiting times and berth unproductive times in automated quayside operations. WMU Journal of Maritime Affairs, 2006, 5, 153-179.	1.4	8
141	Test case based risk predictions using artificial neural network. Journal of Safety Research, 2006, 37, 245-260.	1.7	32
142	An Experimental Evaluation of the Economic Feasibility of Automated Quayside Cranes. Marine Technology Society Journal, 2006, 40, 51-61.	0.3	1
143	Formal Fire Safety Assessment of Passenger Ships. Safety and Reliability, 2005, 26, 52-55.	1.0	1
144	Risk Assessment of Container Supply Chains Using Methods of Uncertainty Treatment. Safety and Reliability, 2005, 26, 29-38.	1.0	0

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145	Bayesian Network Modelling to Enable Actualisation of Decision-Making Under Uncertainty in Ship Escape, Evacuation and Rescue Operations. Safety and Reliability, 2005, 26, 39-51.	1.0	0
146	Special Edition onRisk Assessment and Safety Management Tools. Safety and Reliability, 2005, 26, 3-4.	1.0	0
147	An analysis of fishing vessel accidents. Accident Analysis and Prevention, 2005, 37, 1019-1024.	3.0	83
148	Reliable container line supply chains. WMU Journal of Maritime Affairs, 2005, 4, 105-120.	1.4	3
149	Formal safety assessment and application of the navigation simulators for preventing human error in ship operations. Journal of Marine Science and Application, 2005, 4, 5-12.	0.7	8
150	A subjective risk analysis approach of container supply chains. International Journal of Automation and Computing, 2005, 2, 85-92.	4.5	19
151	Engineering System Safety Analysis and Synthesis Using the Fuzzy Rule-based Evidential Reasoning Approach. Quality and Reliability Engineering International, 2005, 21, 387-411.	1.4	87
152	Fault Tolerant Control of Nonlinear Processes with Adaptive Diagonal Recurrent Neural Network Model. Lecture Notes in Computer Science, 2005, , 86-91.	1.0	0
153	Fuzzy Rule-Based Evidential Reasoning Approach for Safety Analysis. International Journal of General Systems, 2004, 33, 183-204.	1.2	118
154	Formal safety assessment of cruise ships. Tourism Management, 2004, 25, 93-109.	5.8	130
155	A design-decision support framework for evaluation of design options/proposals using a fuzzy-logic-based composite structure methodology. Journal of Engineering Design, 2004, 15, 493-514.	1.1	10
156	Modified failure mode and effects analysis using approximate reasoning. Reliability Engineering and System Safety, 2003, 79, 69-85.	5.1	463
157	Offshore safety case approach and formal safety assessment of ships. Journal of Safety Research, 2002, 33, 81-115.	1.7	84
158	A study of reliability-centred maintenance in maritime operations. Marine Policy, 2002, 26, 325-335.	1.5	52
159	Formal safety assessment of containerships. Marine Policy, 2001, 25, 143-157.	1.5	56
160	The current status and future aspects in formal ship safety assessment. Safety Science, 2001, 38, 19-30.	2.6	77
161	A fuzzy-logic-based approach to qualitative safety modelling for marine systems. Reliability Engineering and System Safety, 2001, 73, 19-34.	5.1	142
162	Novel risk assessment techniques for maritime safety management system. International Journal of Quality and Reliability Management, 2001, 18, 982-1000.	1.3	21

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163	Taguchi concepts and their applications in marine and offshore safety studies. Journal of Engineering Design, 2001, 12, 331-358.	1.1	18
164	Offshore Safety Assessment and Safety-Based Decision-Makingâ€"The Current Status and Future Aspects. Journal of Offshore Mechanics and Arctic Engineering, 2000, 122, 93-99.	0.6	13
165	A subjective modelling tool applied to formal ship safety assessment. Ocean Engineering, 2000, 27, 1019-1035.	1.9	53
166	A Design-for-safety Methodology for Large Engineering Systems. Journal of Engineering Design, 1998, 9, 159-170.	1.1	11
167	A subjective methodology for safety analysis of safety requirements specifications. IEEE Transactions on Fuzzy Systems, 1997, 5, 418-430.	6.5	67
168	Safety based design and maintenance optimisation of large marine engineering systems. Applied Ocean Research, 1996, 18, 13-27.	1.8	29
169	Multi-person and multi-attribute design evaluations using evidential reasoning based on subjective safety and cost analyses. Reliability Engineering and System Safety, 1996, 52, 113-128.	5.1	93
170	Safety analysis and synthesis using fuzzy sets and evidential reasoning. Reliability Engineering and System Safety, 1995, 47, 103-118.	5.1	142
171	Design for safety of engineering systems with multiple failure state variables. Reliability Engineering and System Safety, 1995, 50, 271-284.	5.1	41
172	Simulation modelling of chief officersâ€™ working hours on short sea shipping. Ships and Offshore Structures, 0, , 1-9.	0.9	2