

Zaili Yang

List of Publications by Year in descending order

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Version: 2024-02-01

187
papers

6,611
citations

47006

47
h-index

79698

73
g-index

192
all docs

192
docs citations

192
times ranked

3544
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of safety climate effect on individual safety consciousness creation and safety behaviour improvement in shipping operations. <i>Maritime Policy and Management</i> , 2023, 50, 941-956.	3.8	4
2	Safety evaluation of the ports along the Maritime Silk Road. <i>Maritime Policy and Management</i> , 2022, 49, 797-819.	3.8	5
3	Numerical analysis and staircase layout optimisation for a Ro-Ro passenger ship during emergency evacuation. <i>Reliability Engineering and System Safety</i> , 2022, 217, 108056.	8.9	25
4	Evaluating recovery strategies for the disruptions in liner shipping networks: a resilience approach. <i>International Journal of Logistics Management</i> , 2022, 33, 389-409.	6.6	14
5	A trustable architecture over blockchain to facilitate maritime administration for MASS systems. <i>Reliability Engineering and System Safety</i> , 2022, 219, 108246.	8.9	13
6	Collaborative optimization for loading operation planning and vessel traffic scheduling in dry bulk ports. <i>Advanced Engineering Informatics</i> , 2022, 51, 101489.	8.0	6
7	Simulation of evacuation in an inclined passenger vessel based on an improved social force model. <i>Safety Science</i> , 2022, 148, 105675.	4.9	25
8	Performance evaluation of Asian major cruise terminals. <i>Ocean and Coastal Management</i> , 2022, 221, 106130.	4.4	2
9	BN-based port state control inspection for Paris MoU: New risk factors and probability training using big data. <i>Reliability Engineering and System Safety</i> , 2022, 224, 108530.	8.9	13
10	Fostering innovation in the blue economy within the United Kingdom (UK): A stakeholders' perspective. <i>Ocean and Coastal Management</i> , 2022, 224, 106143.	4.4	4
11	Risk analysis of cargo theft from freight supply chains using a data-driven Bayesian network. <i>Reliability Engineering and System Safety</i> , 2022, 226, 108702.	8.9	6
12	The Role of the Prefrontal Cortex and Functional Connectivity during Maritime Operations: An fNIRS study. <i>Brain and Behavior</i> , 2021, 11, e01910.	2.2	22
13	Risk assessment of the operations of maritime autonomous surface ships. <i>Reliability Engineering and System Safety</i> , 2021, 207, 107324.	8.9	123
14	The effect of social cognition and risk tolerance on marine pilots' safety behaviour. <i>Maritime Policy and Management</i> , 2021, 48, 1-18.	3.8	12
15	Dynamic optimization of emergency resource scheduling in a large-scale maritime oil spill accident. <i>Computers and Industrial Engineering</i> , 2021, 152, 107028.	6.3	13
16	Experimental study on individual walking speed during emergency evacuation with the influence of ship motion. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2021, 562, 125369.	2.6	19
17	Incorporation of deficiency data into the analysis of the dependency and interdependency among the risk factors influencing port state control inspection. <i>Reliability Engineering and System Safety</i> , 2021, 206, 107277.	8.9	28
18	Resilience in Freight Transport Networks. , 2021, , 53-57.		1

#	ARTICLE	IF	CITATIONS
19	Port Performance Measurement From a Multistakeholder Perspective. , 2021, , 396-405.		2
20	Assessing the Outbreak Risk of Epidemics Using Fuzzy Evidential Reasoning. Risk Analysis, 2021, 41, 2046-2064.	2.7	3
21	Risk analysis of bicycle accidents: A Bayesian approach. Reliability Engineering and System Safety, 2021, 209, 107460.	8.9	16
22	Climate Change Risk Indicators (CCRI) for seaports in the United Kingdom. Ocean and Coastal Management, 2021, 205, 105580.	4.4	8
23	Transportation routes evaluation: A delphi and CFPR approach. Journal of Intelligent and Fuzzy Systems, 2021, 41, 4841-4854.	1.4	0
24	Reliabilities analysis of evacuation on offshore platforms: A dynamic Bayesian Network model. Chemical Engineering Research and Design, 2021, 150, 179-193.	5.6	28
25	Geometrical risk evaluation of the collisions between ships and offshore installations using rule-based Bayesian reasoning. Reliability Engineering and System Safety, 2021, 210, 107474.	8.9	44
26	An Evaluation of the Effects of Human Factors on Pilotage Operations Safety. Journal of Marine Science and Application, 2021, 20, 393-409.	1.7	8
27	An experimental analysis of evacueesâ€™ walking speeds under different rolling conditions of a ship. Ocean Engineering, 2021, 233, 108997.	4.3	13
28	Optimal scheduling of emergency resources for major maritime oil spills considering time-varying demand and transportation networks. European Journal of Operational Research, 2021, 293, 529-546.	5.7	16
29	Using Bayesian network-based TOPSIS to aid dynamic port state control detention risk control decision. Reliability Engineering and System Safety, 2021, 213, 107784.	8.9	33
30	A probabilistic risk approach for the collision detection of multi-ships under spatiotemporal movement uncertainty. Reliability Engineering and System Safety, 2021, 215, 107772.	8.9	31
31	Port vulnerability assessment from a supply Chain perspective. Ocean and Coastal Management, 2021, 213, 105851.	4.4	33
32	Decarbonisation of shipping: A state of the art survey for 2000â€“2020. Ocean and Coastal Management, 2021, 214, 105936.	4.4	46
33	An advanced climate resilience indicator framework for airports: A UK case study. Transportation Research, Part D: Transport and Environment, 2021, 101, 103099.	6.8	7
34	How does the UK transport system respond to the risks posed by climate change? An analysis from the perspective of adaptation planning. , 2020, , 85-106.		4
35	Allometric relationship and development potential comparison of ports in a regional cluster: A case study of ports in the Pearl River Delta in China. Transport Policy, 2020, 85, 80-90.	6.6	24
36	Operator Training for Non-Technical Skills in Process Industry. Computer Aided Chemical Engineering, 2020, , 1993-1998.	0.5	2

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37	Real-time deep reinforcement learning based vehicle navigation. <i>Applied Soft Computing Journal</i> , 2020, 96, 106694.	7.2	48
38	Climate change research on transportation systems: Climate risks, adaptation and planning. <i>Transportation Research, Part D: Transport and Environment</i> , 2020, 88, 102553.	6.8	46
39	Realising advanced risk assessment of vessel traffic flows near offshore wind farms. <i>Reliability Engineering and System Safety</i> , 2020, 203, 107086.	8.9	57
40	A trial to generalise evaluation of key driving factors of port-city waterfront development. <i>International Journal of Shipping and Transport Logistics</i> , 2020, 12, 174.	0.5	6
41	New uncertainty modelling for cargo stowage plans of general cargo ships. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2020, 144, 102151.	7.4	7
42	Key Green Performance Indicators (KGPIs) for vehicle cleanliness evaluation: A buyer choice. <i>Transportation Research, Part D: Transport and Environment</i> , 2020, 87, 102505.	6.8	3
43	Formal Safety Assessment of a Marine Seismic Survey Vessel Operation, Incorporating Risk Matrix and Fault Tree Analysis. <i>Journal of Marine Science and Application</i> , 2020, 19, 155-172.	1.7	15
44	Synergistic path planning of multi-UAVs for air pollution detection of ships in ports. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2020, 144, 102128.	7.4	31
45	Impact analysis of climate change on rail systems for adaptation planning: A UK case. <i>Transportation Research, Part D: Transport and Environment</i> , 2020, 83, 102324.	6.8	22
46	Risk analysis of petroleum transportation using fuzzy rule-based Bayesian reasoning. <i>International Journal of Shipping and Transport Logistics</i> , 2020, 12, 39.	0.5	3
47	Incorporation of human factors into maritime accident analysis using a data-driven Bayesian network. <i>Reliability Engineering and System Safety</i> , 2020, 203, 107070.	8.9	149
48	Use of AIS data for performance evaluation of ship traffic with speed control. <i>Ocean Engineering</i> , 2020, 204, 107259.	4.3	25
49	Maritime accident prevention strategy formulation from a human factor perspective using Bayesian Networks and TOPSIS. <i>Ocean Engineering</i> , 2020, 210, 107544.	4.3	72
50	The competition effects of low-cost carriers and high-speed rail on the Chinese aviation market. <i>Transport Policy</i> , 2020, 95, 37-46.	6.6	18
51	Risk analysis of maritime accidents along the main route of the Maritime Silk Road: a Bayesian network approach. <i>Maritime Policy and Management</i> , 2020, 47, 815-832.	3.8	52
52	Analysis of maritime transport accidents using Bayesian networks. <i>Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability</i> , 2020, 234, 439-454.	0.7	17
53	Modelling ship collision risk based on the statistical analysis of historical data: A case study in Hong Kong waters. <i>Ocean Engineering</i> , 2020, 197, 106869.	4.3	32
54	Comparative analysis of the impact of new inspection regime on port state control inspection. <i>Transport Policy</i> , 2020, 92, 65-80.	6.6	35

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55	Adaptively constrained dynamic time warping for time series classification and clustering. Information Sciences, 2020, 534, 97-116.	6.9	117
56	Sailing Speed and Fleet Deployment Optimization for Intercontinental Container Liner Shipping Considering Cargo Time Value. Transportation Journal, 2020, 59, 254-278.	0.7	0
57	Use of evidential reasoning for eliciting bayesian subjective probabilities in human reliability analysis: A maritime case. Ocean Engineering, 2019, 186, 106095.	4.3	35
58	Adaptive Douglas-Peucker Algorithm With Automatic Thresholding for AIS-Based Vessel Trajectory Compression. IEEE Access, 2019, 7, 150677-150692.	4.2	49
59	Identifying factors influencing total-loss marine accidents in the world: Analysis and evaluation based on ship types and sea regions. Ocean Engineering, 2019, 191, 106495.	4.3	68
60	Artificial neural networks in freight rate forecasting. Maritime Economics and Logistics, 2019, 21, 390-414.	4.0	23
61	An advanced fuzzy Bayesian-based FMEA approach for assessing maritime supply chain risks. Transportation Research, Part E: Logistics and Transportation Review, 2019, 125, 222-240.	7.4	160
62	How can the UK road system be adapted to the impacts posed by climate change? By creating a climate adaptation framework. Transportation Research, Part D: Transport and Environment, 2019, 77, 403-424.	6.8	29
63	Analysis of risk factors influencing the safety of maritime container supply chains. International Journal of Shipping and Transport Logistics, 2019, 11, 476.	0.5	31
64	Selection of effective risk mitigation strategies in container shipping operations. Maritime Business Review, 2019, 4, 413-431.	1.8	19
65	The Moderating Effect of Risk Tolerance on the Hazardous Attitudes and Safety Behavior of Maritime Pilots: a Chinese Case. , 2019, , .		1
66	Marine Pilot™s Reliability Index (MPRI): Evaluation of marine pilot reliability in uncertain environments. , 2019, , .		2
67	Optimising discrete dynamic berth allocations in seaports using a Levy Flight based meta-heuristic. Swarm and Evolutionary Computation, 2019, 44, 1003-1017.	8.1	12
68	A novel policy making aid model for the development of LNG fuelled ships. Transportation Research, Part A: Policy and Practice, 2019, 119, 29-44.	4.2	24
69	Port performance in container transport logistics: A multi-stakeholder perspective. Transport Policy, 2019, 73, 25-40.	6.6	61
70	Emergency logistics for wildfire suppression based on forecasted disaster evolution. Annals of Operations Research, 2019, 283, 917-937.	4.1	17
71	Advanced uncertainty modelling for container port risk analysis. Accident Analysis and Prevention, 2019, 123, 411-421.	5.7	74
72	Risk-Based Resilience Analysis of Maritime Container Transport Networks. , 2019, , .		1

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73	Analysis of risk factors influencing the safety of maritime container supply chains. International Journal of Shipping and Transport Logistics, 2019, 11, 476.	0.5	2
74	Port Decision Maker Perceptions on the Effectiveness of Climate Adaptation Actions. Coastal Management, 2018, 46, 148-175.	2.0	38
75	Editorial: China's Belt and Road Initiative. Transportation Research, Part E: Logistics and Transportation Review, 2018, 117, 1-4.	7.4	19
76	Realising advanced risk-based port state control inspection using data-driven Bayesian networks. Transportation Research, Part A: Policy and Practice, 2018, 110, 38-56.	4.2	103
77	How is Business Adapting to Climate Change Impacts Appropriately? Insight from the Commercial Port Sector. Journal of Business Ethics, 2018, 150, 1029-1047.	6.0	32
78	Risk and cost evaluation of port adaptation measures to climate change impacts. Transportation Research, Part D: Transport and Environment, 2018, 61, 444-458.	6.8	76
79	Analysis of vulnerabilities in maritime supply chains. Reliability Engineering and System Safety, 2018, 169, 475-484.	8.9	62
80	Resilience in transportation systems: a systematic review and future directions. Transport Reviews, 2018, 38, 479-498.	8.8	218
81	A novel model for the quantitative evaluation of green port development – A case study of major ports in China. Transportation Research, Part D: Transport and Environment, 2018, 61, 431-443.	6.8	96
82	Reinforcement Learning for Vehicle Route Optimization in SUMO. , 2018, , .		10
83	Contemporary Container Security. , 2018, , .		1
84	The Ship Management Firm Selection: The Case of South Korea. Asian Journal of Shipping and Logistics, 2018, 34, 256-265.	3.4	12
85	Effects of seafarers's emotion on human performance using bridge simulation. Ocean Engineering, 2018, 170, 111-119.	4.3	56
86	A risk-based game model for rational inspections in port state control. Transportation Research, Part E: Logistics and Transportation Review, 2018, 118, 477-495.	7.4	71
87	The Impact of High-Speed Rail and Low-Cost Carriers on China's Air Market. , 2018, , .		0
88	Energy consumption investigation for a new car-following model considering driver's memory and average speed of the vehicles. Physica A: Statistical Mechanics and Its Applications, 2018, 506, 1038-1049.	2.6	13
89	Bayesian network modelling and analysis of accident severity in waterborne transportation: A case study in China. Reliability Engineering and System Safety, 2018, 180, 277-289.	8.9	111
90	Spatio-Temporal Vessel Trajectory Clustering Based on Data Mapping and Density. IEEE Access, 2018, 6, 58939-58954.	4.2	116

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91	Use of evidential reasoning and AHP to assess regional industrial safety. PLoS ONE, 2018, 13, e0197125.	2.5	9
92	A Decision Support System for the Assessment of Seaports's Security Under Fuzzy Environment. Intelligent Systems Reference Library, 2018, , 145-177.	1.2	10
93	Modelling Interdependency Among Attributes in MCDM: Its Application in Port Performance Measurement. Profiles in Operations Research, 2018, , 323-354.	0.4	3
94	A Discourse of Multi-criteria Decision Making (MCDM) Approaches. Profiles in Operations Research, 2018, , 7-29.	0.4	10
95	Benchmarking container port security risks by applying a FIS methodology. International Journal of Shipping and Transport Logistics, 2018, 10, 377.	0.5	1
96	Review on Seaport and Airport Adaptation to Climate Change: A Case on Sea Level Rise and Flooding. Marine Technology Society Journal, 2018, 52, 23-33.	0.4	16
97	Incorporating AHP and Evidential Reasoning for Quantitative Evaluation of Inland Port Performance. Profiles in Operations Research, 2018, , 151-173.	0.4	2
98	A Methodology to Prioritize Security Vulnerabilities in Ports. , 2018, , 63-79.		0
99	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.	4.1	3
100	A novel strategy for the removal of rhodamine B (RhB) dye from wastewater by coal-based carbon membranes coupled with the electric field. Separation and Purification Technology, 2017, 179, 175-183.	7.9	64
101	A new hybrid approach to human error probability quantification's applications in maritime operations. Ocean Engineering, 2017, 138, 45-54.	4.3	68
102	Revisiting port performance measurement: A hybrid multi-stakeholder framework for the modelling of port performance indicators. Transportation Research, Part E: Logistics and Transportation Review, 2017, 103, 1-16.	7.4	64
103	A New Hybrid Decision Making Framework for Prioritising Port Performance Improvement Strategies. Asian Journal of Shipping and Logistics, 2017, 33, 105-116.	3.4	20
104	Safety management of waterway congestions under dynamic risk conditions's A case study of the Yangtze River. Applied Soft Computing Journal, 2017, 59, 115-128.	7.2	25
105	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.	3.4	26
106	Comparative analysis of port performance indicators: Independence and interdependency. Transportation Research, Part A: Policy and Practice, 2017, 103, 264-278.	4.2	36
107	Study of Group Route Optimization for IoT Enabled Urban Transportation Network. , 2017, , .		11
108	Analytical strategic safety management in container ports. , 2017, , .		1

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109	Application of Bayesian networks in analysing tanker shipping bankruptcy risks. <i>Maritime Business Review</i> , 2017, 2, 177-198.	1.8	7
110	Kernel Based Non-Negative Matrix Factorization Method with General Kernel Functions. <i>Lecture Notes in Computer Science</i> , 2017, , 347-359.	1.3	1
111	The Attractiveness of Ports in West Africa: Some Lessons from Shipping Lines' Port Selection. <i>Growth and Change</i> , 2016, 47, 416-426.	2.6	21
112	Applying interval knowledge to facilitate seaport container throughput volume forecasting. , 2016, , .		0
113	Use of evidential reasoning for eliciting Bayesian subjective probabilities in human reliability analysis. , 2016, , .		2
114	A Survey on Urban Traffic Optimisation for Sustainable and Resilient Transportation Network. , 2016, , .		0
115	Benchmarking Dynamic Three-Dimensional Bin Packing Problems Using Discrete-Event Simulation. <i>Lecture Notes in Computer Science</i> , 2016, , 266-279.	1.3	3
116	Introduction: Port, Maritime Logistics, and Regional Development. <i>Growth and Change</i> , 2016, 47, 346-348.	2.6	7
117	A novel flexible model for piracy and robbery assessment of merchant ship operations. <i>Reliability Engineering and System Safety</i> , 2016, 155, 196-211.	8.9	75
118	Potential solutions to upstream buyer consolidation in the China-Europe container trades – An exploratory study. , 2016, , .		0
119	Hazard identification in chemical supply chains: The development of a novel taxonomy. , 2016, , .		1
120	Quantitative maritime security assessment: a 2020 vision. <i>IMA Journal of Management Mathematics</i> , 2016, 27, 453-470.	1.6	10
121	Evolutionary Fleet Sizing in Static and Uncertain Environments with Shuttle Transportation Tasks-The Case Studies of Container Terminals [Application Notes]. <i>IEEE Computational Intelligence Magazine</i> , 2016, 11, 55-69.	3.2	1
122	Use of fuzzy rule-based evidential reasoning approach in the navigational risk assessment of inland waterway transportation systems. <i>Safety Science</i> , 2016, 82, 352-360.	4.9	92
123	A risk assessment approach to improve the resilience of a seaport system using Bayesian networks. <i>Ocean Engineering</i> , 2016, 111, 136-147.	4.3	99
124	Use of fuzzy inference approach to estimate maritime security level. , 2016, , 911-920.		0
125	A Fuzzy Rule-Based Bayesian Reasoning Method for Analysing the Necessity of Super Slow Steaming under Uncertainty: Containership. <i>International Journal of E-Navigation and Maritime Economy</i> , 2015, 3, 1-12.	1.2	5
126	An Experimental Study of Combining Evolutionary Algorithms with KD-Tree to Solving Dynamic Optimisation Problems. <i>Lecture Notes in Computer Science</i> , 2015, , 857-868.	1.3	1

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127	A novel technique for evaluating and selecting logistics service providers based on the logistics resource view. <i>Expert Systems With Applications</i> , 2015, 42, 6976-6989.	7.6	67
128	A TOPSIS method for vehicle route selection in seaports — A real case analysis of a container terminal in North West Europe. , 2015, , .		1
129	Towards Effective Training for Process and Maritime Industries. <i>Procedia Manufacturing</i> , 2015, 3, 1519-1526.	1.9	27
130	Use of fuzzy risk assessment in FMEA of offshore engineering systems. <i>Ocean Engineering</i> , 2015, 95, 195-204.	4.3	91
131	UK supply chain carbon mitigation strategies using alternative ports and multimodal freight transport operations. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2015, 78, 40-56.	7.4	39
132	A risk appraisal system regarding the implementation of maritime regulations by a ship operator. <i>Maritime Policy and Management</i> , 2015, 42, 389-413.	3.8	12
133	Green vehicle technology to enhance the performance of a European port: A simulation model with a cost-benefit approach. <i>Transportation Research Part C: Emerging Technologies</i> , 2015, 60, 169-188.	7.6	55
134	Major issues associated with maritime security and piracy study. , 2015, , .		1
135	Port safety evaluation from a captainâ€™s perspective: The Korean experience. <i>Safety Science</i> , 2015, 72, 172-181.	4.9	38
136	Modelling adequacy of organisation in human reliability analysisâ€™a case of maritime operations. , 2015, , 3157-3164.		0
137	An accident dataâ€™based approach for congestion risk assessment of inland waterways: A Yangtze River case. <i>Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability</i> , 2014, 228, 176-188.	0.7	21
138	Application of a collaborative modelling and strategic fuzzy decision support system for selecting appropriate resilience strategies for seaport operations. <i>Journal of Traffic and Transportation Engineering (English Edition)</i> , 2014, 1, 159-179.	4.2	11
139	An advanced risk analysis approach for container port safety evaluation. <i>Maritime Policy and Management</i> , 2014, 41, 634-650.	3.8	72
140	An improved memetic algorithm to enhance the sustainability and reliability of transport in container terminals. , 2014, , .		1
141	Modelling port choice in an uncertain environment. <i>Maritime Policy and Management</i> , 2014, 41, 251-267.	3.8	70
142	Bayesian network with quantitative input for maritime risk analysis. <i>Transportmetrica A: Transport Science</i> , 2014, 10, 89-118.	2.0	75
143	Modeling selection of third party ship management services. <i>Case Studies on Transport Policy</i> , 2014, 2, 28-35.	2.5	19
144	An integrated fuzzy risk assessment for seaport operations. <i>Safety Science</i> , 2014, 68, 180-194.	4.9	104

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145	A new risk quantification approach in port facility security assessment. Transportation Research, Part A: Policy and Practice, 2014, 59, 72-90.	4.2	54
146	Risk Assessment of Liner Shipping from a Business Environment Perspective. , 2014, , .		7
147	Identifying the Robust Number of Intelligent Autonomous Vehicles in Container Terminals. Lecture Notes in Computer Science, 2014, , 829-840.	1.3	4
148	Experiments for PHM: Needs, developments and challenges. , 2014, , 605-612.		0
149	Maritime security regulations and policies in Hong Kong: a critical review and the development of a risk-based security assessment model. , 2014, , .		0
150	Climate change and the adaptation strategies of ports: The Australian experiences. Research in Transportation Business and Management, 2013, 8, 186-194.	2.9	57
151	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.	8.9	227
152	Maritime safety analysis in retrospect. Maritime Policy and Management, 2013, 40, 261-277.	3.8	84
153	Analysis of dynamic effects on seaports adopting port security policy. Transportation Research, Part A: Policy and Practice, 2013, 49, 285-301.	4.2	39
154	Adoption of new advanced computational techniques to hazards ranking in LNG carrier operations. Ocean Engineering, 2013, 72, 31-44.	4.3	32
155	A Human and Organisational Factors (HOFs) analysis method for marine casualties using HFACS-Maritime Accidents (HFACS-MA). Safety Science, 2013, 60, 105-114.	4.9	177
156	A modified CREAM to human reliability quantification in marine engineering. Ocean Engineering, 2013, 58, 293-303.	4.3	121
157	A subjective approach for ballast water risk estimation. Ocean Engineering, 2013, 61, 66-76.	4.3	34
158	Solving dynamic optimisation problems by combining evolutionary algorithms with KD-tree. , 2013, , .		5
159	A study of maritime security and piracy. Maritime Policy and Management, 2013, 40, 675-693.	3.8	29
160	Prioritising security vulnerabilities in ports. International Journal of Shipping and Transport Logistics, 2013, 5, 622.	0.5	18
161	Dynamic Time-Linkage Problems - The Challenges. , 2012, , .		10
162	Application of MADM in a fuzzy environment for selecting the best barrier for offshore wells. Expert Systems With Applications, 2012, 39, 2466-2478.	7.6	45

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163	Selection of techniques for reducing shipping NOx and SOx emissions. Transportation Research, Part D: Transport and Environment, 2012, 17, 478-486.	6.8	135
164	Bayesian modelling for human error probability analysis in CREAM. , 2011, , .		6
165	A new fuzzy evidential reasoning method for risk analysis and control of a liquefied natural gas carrier system. Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment, 2011, 225, 206-225.	0.5	6
166	Application of genetic algorithm to risk-based maintenance operations of liquefied natural gas carrier systems. Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering, 2011, 225, 40-52.	2.5	23
167	A subjective risk management approach for modelling of failure induced ship vibrations. Journal of Marine Engineering and Technology, 2011, 10, 3-16.	4.1	4
168	Toward an Effective Human Reliability Assessment. , 2011, , .		0
169	Fuzzy risk assessment of oil and gas offshore wells. Chemical Engineering Research and Design, 2011, 89, 277-294.	5.6	83
170	Approximate TOPSIS for vessel selection under uncertain environment. Expert Systems With Applications, 2011, 38, 14523-14534.	7.6	62
171	A proposed System of Hierarchical Scorecards to assess the implementation of maritime regulations. Safety Science, 2011, 49, 450-462.	4.9	35
172	Application of Formal Safety Assessment to Navigational Risk Evaluation of Yangtze River. , 2011, , .		7
173	A Subjective Multiple Criteria Decision-Making Approach for Modeling Ship Hull Vibration. Marine Technology Society Journal, 2010, 44, 25-42.	0.4	4
174	The use of Bayesian network modelling for maintenance planning in a manufacturing industry. Reliability Engineering and System Safety, 2010, 95, 267-277.	8.9	202
175	Facilitating uncertainty treatment in the risk assessment of container supply chains. Journal of Marine Engineering and Technology, 2010, 9, 23-36.	4.1	29
176	Bayesian Dating of Shallow Phylogenies with a Relaxed Clock. Systematic Biology, 2010, 59, 119-131.	5.6	52
177	A fuzzy bayesian reasoning method to realise interactive failure analysis. , 2009, , .		1
178	Incorporating uncertainty and multiple criteria in vessel selection. Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment, 2009, 223, 177-188.	0.5	14
179	Use of hybrid multiple uncertain attribute decision making techniques in safety management. Expert Systems With Applications, 2009, 36, 1569-1586.	7.6	61
180	Use of Fuzzy Evidential Reasoning in Maritime Security Assessment. Risk Analysis, 2009, 29, 95-120.	2.7	162

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181	Fuzzy Rule-Based Bayesian Reasoning Approach for Prioritization of Failures in FMEA. IEEE Transactions on Reliability, 2008, 57, 517-528.	4.6	274
182	USE OF BAYESIAN METHOD FOR ASSESSING VESSEL TRAFFIC RISKS AT SEA. International Journal of Information Technology and Decision Making, 2008, 07, 627-638.	3.9	20
183	A Subjective Cost-Benefit Analysis Approach for Selecting Ship Propulsion Systems. Marine Technology Society Journal, 2008, 42, 69-86.	0.4	1
184	Risk Assessment of Container Supply Chains Using Methods of Uncertainty Treatment. Safety and Reliability, 2005, 26, 29-38.	0.6	0
185	Reliable container line supply chains. WMU Journal of Maritime Affairs, 2005, 4, 105-120.	2.7	3
186	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.	1.7	8
187	A subjective risk analysis approach of container supply chains. International Journal of Automation and Computing, 2005, 2, 85-92.	4.5	19