Zaili Yang

List of Publications by Year
in descending order

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187	6,611	47006	79698
papers	citations	47	73
		h-index	g-index

192	192	192	3544
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fuzzy Rule-Based Bayesian Reasoning Approach for Prioritization of Failures in FMEA. IEEE Transactions on Reliability, 2008, 57, 517-528.	4.6	274
2	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
3	Resilience in transportation systems: a systematic review and future directions. Transport Reviews, 2018, 38, 479-498.	8.8	218
4	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
5	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
6	Use of Fuzzy Evidential Reasoning in Maritime Security Assessment. Risk Analysis, 2009, 29, 95-120.	2.7	162
7	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
8	Incorporation of human factors into maritime accident analysis using a data-driven Bayesian network. Reliability Engineering and System Safety, 2020, 203, 107070.	8.9	149
9	Selection of techniques for reducing shipping NOx and SOx emissions. Transportation Research, Part D: Transport and Environment, 2012, 17, 478-486.	6.8	135
10	Risk assessment of the operations of maritime autonomous surface ships. Reliability Engineering and System Safety, 2021, 207, 107324.	8.9	123
11	A modified CREAM to human reliability quantification in marine engineering. Ocean Engineering, 2013, 58, 293-303.	4.3	121
12	Adaptively constrained dynamic time warping for time series classification and clustering. Information Sciences, 2020, 534, 97-116.	6.9	117
13	Spatio-Temporal Vessel Trajectory Clustering Based on Data Mapping and Density. IEEE Access, 2018, 6, 58939-58954.	4.2	116
14	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
15	An integrated fuzzy risk assessment for seaport operations. Safety Science, 2014, 68, 180-194.	4.9	104
16	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
17	A risk assessment approach to improve the resilience of a seaport system using Bayesian networks. Ocean Engineering, 2016, 111, 136-147.	4.3	99
18	A novel model for the quantitative evaluation of green port development â€“ A case study of major ports in China. Transportation Research, Part D: Transport and Environment, 2018, 61, 431-443.	6.8	96

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19	Use of fuzzy rule-based evidential reasoning approach in the navigational risk assessment of inland waterway transportation systems. Safety Science, 2016, 82, 352-360.	4.9	92
20	Use of fuzzy risk assessment in FMEA of offshore engineering systems. Ocean Engineering, 2015, 95, 195-204.	4.3	91
21	Maritime safety analysis in retrospect. Maritime Policy and Management, 2013, 40, 261-277.	3.8	84
22	Fuzzy risk assessment of oil and gas offshore wells. Chemical Engineering Research and Design, 2011, 89, 277-294.	5.6	83
23	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
24	Bayesian network with quantitative input for maritime risk analysis. Transportmetrica A: Transport Science, 2014, 10, 89-118.	2.0	75
25	A novel flexible model for piracy and robbery assessment of merchant ship operations. Reliability Engineering and System Safety, 2016, 155, 196-211.	8.9	75
26	Advanced uncertainty modelling for container port risk analysis. Accident Analysis and Prevention, 2019, 123, 411-421.	5.7	74
27	An advanced risk analysis approach for container port safety evaluation. Maritime Policy and Management, 2014, 41, 634-650.	3.8	72
28	Maritime accident prevention strategy formulation from a human factor perspective using Bayesian Networks and TOPSIS. Ocean Engineering, 2020, 210, 107544.	4.3	72
29	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
30	Modelling port choice in an uncertain environment. Maritime Policy and Management, 2014, 41, 251-267.	3.8	70
31	A new hybrid approach to human error probability quantificationâ€“applications in maritime operations. Ocean Engineering, 2017, 138, 45-54.	4.3	68
32	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
33	A novel technique for evaluating and selecting logistics service providers based on the logistics resource view. Expert Systems With Applications, 2015, 42, 6976-6989.	7.6	67
34	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
35	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
36	Approximate TOPSIS for vessel selection under uncertain environment. Expert Systems With Applications, 2011, 38, 14523-14534.	7.6	62

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37	Analysis of vulnerabilities in maritime supply chains. Reliability Engineering and System Safety, 2018, 169, 475-484.	8.9	62
38	Use of hybrid multiple uncertain attribute decision making techniques in safety management. Expert Systems With Applications, 2009, 36, 1569-1586.	7.6	61
39	Port performance in container transport logistics: A multi-stakeholder perspective. Transport Policy, 2019, 73, 25-40.	6.6	61
40	Climate change and the adaptation strategies of ports: The Australian experiences. Research in Transportation Business and Management, 2013, 8, 186-194.	2.9	57
41	Realising advanced risk assessment of vessel traffic flows near offshore wind farms. Reliability Engineering and System Safety, 2020, 203, 107086.	8.9	57
42	Effects of seafarersâ€™ emotion on human performance using bridge simulation. Ocean Engineering, 2018, 170, 111-119.	4.3	56
43	Green vehicle technology to enhance the performance of a European port: A simulation model with a cost-benefit approach. Transportation Research Part C: Emerging Technologies, 2015, 60, 169-188.	7.6	55
44	A new risk quantification approach in port facility security assessment. Transportation Research, Part A: Policy and Practice, 2014, 59, 72-90.	4.2	54
45	Bayesian Dating of Shallow Phylogenies with a Relaxed Clock. Systematic Biology, 2010, 59, 119-131.	5.6	52
46	Risk analysis of maritime accidents along the main route of the Maritime Silk Road: a Bayesian network approach. Maritime Policy and Management, 2020, 47, 815-832.	3.8	52
47	Adaptive Douglas-Peucker Algorithm With Automatic Thresholding for AIS-Based Vessel Trajectory Compression. IEEE Access, 2019, 7, 150677-150692.	4.2	49
48	Real-time deep reinforcement learning based vehicle navigation. Applied Soft Computing Journal, 2020, 96, 106694.	7.2	48
49	Climate change research on transportation systems: Climate risks, adaptation and planning. Transportation Research, Part D: Transport and Environment, 2020, 88, 102553.	6.8	46
50	Decarbonisation of shipping: A state of the art survey for 2000â€“2020. Ocean and Coastal Management, 2021, 214, 105936.	4.4	46
51	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
52	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
53	Analysis of dynamic effects on seaports adopting port security policy. Transportation Research, Part A: Policy and Practice, 2013, 49, 285-301.	4.2	39
54	UK supply chain carbon mitigation strategies using alternative ports and multimodal freight transport operations. Transportation Research, Part E: Logistics and Transportation Review, 2015, 78, 40-56.	7.4	39

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55	Port safety evaluation from a captainâ€™s perspective: The Korean experience. Safety Science, 2015, 72, 172-181.	4.9	38
56	Port Decision Maker Perceptions on the Effectiveness of Climate Adaptation Actions. Coastal Management, 2018, 46, 148-175.	2.0	38
57	Comparative analysis of port performance indicators: Independency and interdependency. Transportation Research, Part A: Policy and Practice, 2017, 103, 264-278.	4.2	36
58	A proposed System of Hierarchical Scorecards to assess the implementation of maritime regulations. Safety Science, 2011, 49, 450-462.	4.9	35
59	Use of evidential reasoning for eliciting bayesian subjective probabilities in human reliability analysis: A maritime case. Ocean Engineering, 2019, 186, 106095.	4.3	35
60	Comparative analysis of the impact of new inspection regime on port state control inspection. Transport Policy, 2020, 92, 65-80.	6.6	35
61	A subjective approach for ballast water risk estimation. Ocean Engineering, 2013, 61, 66-76.	4.3	34
62	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
63	Port vulnerability assessment from a supply Chain perspective. Ocean and Coastal Management, 2021, 213, 105851.	4.4	33
64	Adoption of new advanced computational techniques to hazards ranking in LNG carrier operations. Ocean Engineering, 2013, 72, 31-44.	4.3	32
65	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
66	Modelling ship collision risk based on the statistical analysis of historical data: A case study in Hong Kong waters. Ocean Engineering, 2020, 197, 106869.	4.3	32
67	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
68	Synergistic path planning of multi-UAVs for air pollution detection of ships in ports. Transportation Research, Part E: Logistics and Transportation Review, 2020, 144, 102128.	7.4	31
69	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
70	Facilitating uncertainty treatment in the risk assessment of container supply chains. Journal of Marine Engineering and Technology, 2010, 9, 23-36.	4.1	29
71	A study of maritime security and piracy. Maritime Policy and Management, 2013, 40, 675-693.	3.8	29
72	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

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73	Incorporation of deficiency data into the analysis of the dependency and interdependency among the risk factors influencing port state control inspection. Reliability Engineering and System Safety, 2021, 206, 107277.	8.9	28
74	Reliabilities analysis of evacuation on offshore platforms: A dynamic Bayesian Network model. Chemical Engineering Research and Design, 2021, 150, 179-193.	5.6	28
75	Towards Effective Training for Process and Maritime Industries. Procedia Manufacturing, 2015, 3, 1519-1526.	1.9	27
76	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
77	Safety management of waterway congestions under dynamic risk conditionsâ€"A case study of the Yangtze River. Applied Soft Computing Journal, 2017, 59, 115-128.	7.2	25
78	Use of AIS data for performance evaluation of ship traffic with speed control. Ocean Engineering, 2020, 204, 107259.	4.3	25
79	Numerical analysis and staircase layout optimisation for a Ro-Ro passenger ship during emergency evacuation. Reliability Engineering and System Safety, 2022, 217, 108056.	8.9	25
80	Simulation of evacuation in an inclined passenger vessel based on an improved social force model. Safety Science, 2022, 148, 105675.	4.9	25
81	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
82	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
83	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
84	Artificial neural networks in freight rate forecasting. Maritime Economics and Logistics, 2019, 21, 390-414.	4.0	23
85	Impact analysis of climate change on rail systems for adaptation planning: A UK case. Transportation Research, Part D: Transport and Environment, 2020, 83, 102324.	6.8	22
86	The Role of the Prefrontal Cortex and Functional Connectivity during Maritime Operations: An fNIRS study. Brain and Behavior, 2021, 11, e01910.	2.2	22
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.	0.7	21
88	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.	2.6	21
89	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
90	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

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91	A subjective risk analysis approach of container supply chains. International Journal of Automation and Computing, 2005, 2, 85-92.	4.5	19
92	Modeling selection of third party ship management services. Case Studies on Transport Policy, 2014, 2, 28-35.	2.5	19
93	Editorial: Chinaâ€™s Belt and Road Initiative. Transportation Research, Part E: Logistics and Transportation Review, 2018, 117, 1-4.	7.4	19
94	Selection of effective risk mitigation strategies in container shipping operations. Maritime Business Review, 2019, 4, 413-431.	1.8	19
95	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.	2.6	19
96	Prioritising security vulnerabilities in ports. International Journal of Shipping and Transport Logistics, 2013, 5, 622.	0.5	18
97	The competition effects of low-cost carriers and high-speed rail on the Chinese aviation market. Transport Policy, 2020, 95, 37-46.	6.6	18
98	Emergency logistics for wildfire suppression based on forecasted disaster evolution. Annals of Operations Research, 2019, 283, 917-937.	4.1	17
99	Analysis of maritime transport accidents using Bayesian networks. Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability, 2020, 234, 439-454.	0.7	17
100	Risk analysis of bicycle accidents: A Bayesian approach. Reliability Engineering and System Safety, 2021, 209, 107460.	8.9	16
101	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
102	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
103	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.	1.7	15
104	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
105	Evaluating recovery strategies for the disruptions in liner shipping networks: a resilience approach. International Journal of Logistics Management, 2022, 33, 389-409.	6.6	14
106	Energy consumption investigation for a new car-following model considering driverâ€™s memory and average speed of the vehicles. Physica A: Statistical Mechanics and Its Applications, 2018, 506, 1038-1049.	2.6	13
107	Dynamic optimization of emergency resource scheduling in a large-scale maritime oil spill accident. Computers and Industrial Engineering, 2021, 152, 107028.	6.3	13
108	An experimental analysis of evacueesâ€™ walking speeds under different rolling conditions of a ship. Ocean Engineering, 2021, 233, 108997.	4.3	13

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109	A trustable architecture over blockchain to facilitate maritime administration for MASS systems. Reliability Engineering and System Safety, 2022, 219, 108246.	8.9	13
110	BN-based port state control inspection for Paris MoU: New risk factors and probability training using big data. Reliability Engineering and System Safety, 2022, 224, 108530.	8.9	13
111	A risk appraisal system regarding the implementation of maritime regulations by a ship operator. Maritime Policy and Management, 2015, 42, 389-413.	3.8	12
112	The Ship Management Firm Selection: The Case of South Korea. Asian Journal of Shipping and Logistics, 2018, 34, 256-265.	3.4	12
113	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
114	The effect of social cognition and risk tolerance on marine pilotsâ€™ safety behaviour.. Maritime Policy and Management, 2021, 48, 1-18.	3.8	12
115	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.	4.2	11
116	Study of Group Route Optimization for IoT Enabled Urban Transportation Network. , 2017, , .		11
117	Dynamic Time-Linkage Problems - The Challenges. , 2012, , .		10
118	Quantitative maritime security assessment: a 2020 vision. IMA Journal of Management Mathematics, 2016, 27, 453-470.	1.6	10
119	Reinforcement Learning for Vehicle Route Optimization in SUMO. , 2018, , .		10
120	A Decision Support System for the Assessment of Seaportsâ€™ Security Under Fuzzy Environment. Intelligent Systems Reference Library, 2018, , 145-177.	1.2	10
121	A Discourse of Multi-criteria Decision Making (MCDM) Approaches. Profiles in Operations Research, 2018, , 7-29.	0.4	10
122	Use of evidential reasoning and AHP to assess regional industrial safety. PLoS ONE, 2018, 13, e0197125.	2.5	9
123	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
124	Climate Change Risk Indicators (CCRI) for seaports in the United Kingdom. Ocean and Coastal Management, 2021, 205, 105580.	4.4	8
125	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
126	Application of Formal Safety Assessment to Navigational Risk Evaluation of Yangtze River. , 2011, , .		7

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127	Risk Assessment of Liner Shipping from a Business Environment Perspective. , 2014, , .		7
128	Introduction: Port, Maritime Logistics, and Regional Development. Growth and Change, 2016, 47, 346-348.	2.6	7
129	Application of Bayesian networks in analysing tanker shipping bankruptcy risks. Maritime Business Review, 2017, 2, 177-198.	1.8	7
130	New uncertainty modelling for cargo stowage plans of general cargo ships. Transportation Research, Part E: Logistics and Transportation Review, 2020, 144, 102151.	7.4	7
131	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
132	Bayesian modelling for human error probability analysis in CREAM. , 2011, , .		6
133	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
134	A trial to generalise evaluation of key driving factors of port-city waterfront development. International Journal of Shipping and Transport Logistics, 2020, 12, 174.	0.5	6
135	Collaborative optimization for loading operation planning and vessel traffic scheduling in dry bulk ports. Advanced Engineering Informatics, 2022, 51, 101489.	8.0	6
136	Risk analysis of cargo theft from freight supply chains using a data-driven Bayesian network. Reliability Engineering and System Safety, 2022, 226, 108702.	8.9	6
137	Solving dynamic optimisation problems by combining evolutionary algorithms with KD-tree. , 2013, , .		5
138	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
139	Safety evaluation of the ports along the Maritime Silk Road. Maritime Policy and Management, 2022, 49, 797-819.	3.8	5
140	A Subjective Multiple Criteria Decision-Making Approach for Modeling Ship Hull Vibration. Marine Technology Society Journal, 2010, 44, 25-42.	0.4	4
141	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
142	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
143	Identifying the Robust Number of Intelligent Autonomous Vehicles in Container Terminals. Lecture Notes in Computer Science, 2014, , 829-840.	1.3	4
144	Analysis of safety climate effect on individual safety consciousness creation and safety behaviour improvement in shipping operations. Maritime Policy and Management, 2023, 50, 941-956.	3.8	4

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145	Fostering innovation in the blue economy within the United Kingdom (UK): A stakeholdersâ€™ perspective. Ocean and Coastal Management, 2022, 224, 106143.	4.4	4
146	Reliable container line supply chains. WMU Journal of Maritime Affairs, 2005, 4, 105-120.	2.7	3
147	Benchmarking Dynamic Three-Dimensional Bin Packing Problems Using Discrete-Event Simulation. Lecture Notes in Computer Science, 2016, , 266-279.	1.3	3
148	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
149	Key Green Performance Indicators (KGPIs) for vehicle cleanliness evaluation: A buyer choice. Transportation Research, Part D: Transport and Environment, 2020, 87, 102505.	6.8	3
150	Risk analysis of petroleum transportation using fuzzy rule-based Bayesian reasoning. International Journal of Shipping and Transport Logistics, 2020, 12, 39.	0.5	3
151	Assessing the Outbreak Risk of Epidemics Using Fuzzy Evidential Reasoning. Risk Analysis, 2021, 41, 2046-2064.	2.7	3
152	Modelling Interdependency Among Attributes in MCDM: Its Application in Port Performance Measurement. Profiles in Operations Research, 2018, , 323-354.	0.4	3
153	Use of evidential reasoning for eliciting Bayesian subjective probabilities in human reliability analysis. , 2016, , .		2
154	Marine Pilotâ€™s Reliability Index (MPRI): Evaluation of marine pilot reliability in uncertain environments. , 2019, , .		2
155	Operator Training for Non-Technical Skills in Process Industry. Computer Aided Chemical Engineering, 2020, , 1993-1998.	0.5	2
156	Port Performance Measurement From a Multistakeholder Perspective. , 2021, , 396-405.		2
157	Incorporating AHP and Evidential Reasoning for Quantitative Evaluation of Inland Port Performance. Profiles in Operations Research, 2018, , 151-173.	0.4	2
158	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
159	Performance evaluation of Asian major cruise terminals. Ocean and Coastal Management, 2022, 221, 106130.	4.4	2
160	A Subjective Cost-Benefit Analysis Approach for Selecting Ship Propulsion Systems. Marine Technology Society Journal, 2008, 42, 69-86.	0.4	1
161	A fuzzy bayesian reasoning method to realise interactive failure analysis. , 2009, , .		1
162	An improved memetic algorithm to enhance the sustainability and reliability of transport in container terminals. , 2014, , .		1

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163	An Experimental Study of Combining Evolutionary Algorithms with KD-Tree to Solving Dynamic Optimisation Problems. Lecture Notes in Computer Science, 2015, , 857-868.	1.3	1
164	A TOPSIS method for vehicle route selection in seaports — A real case analysis of a container terminal in North West Europe. , 2015, , .		1
165	Major issues associated with maritime security and piracy study. , 2015, , .		1
166	Hazard identification in chemical supply chains: The development of a novel taxonomy. , 2016, , .		1
167	Evolutionary Fleet Sizing in Static and Uncertain Environments with Shuttle Transportation Tasks-The Case Studies of Container Terminals [Application Notes]. IEEE Computational Intelligence Magazine, 2016, 11, 55-69.	3.2	1
168	Analytical strategic safety management in container ports. , 2017, , .		1
169	Contemporary Container Security. , 2018, , .		1
170	The Moderating Effect of Risk Tolerance on the Hazardous Attitudes and Safety Behavior of Maritime Pilots: a Chinese Case. , 2019, , .		1
171	Resilience in Freight Transport Networks. , 2021, , 53-57.		1
172	Benchmarking container port security risks by applying a FIS methodology. International Journal of Shipping and Transport Logistics, 2018, 10, 377.	0.5	1
173	Kernel Based Non-Negative Matrix Factorization Method with General Kernel Functions. Lecture Notes in Computer Science, 2017, , 347-359.	1.3	1
174	Risk-Based Resilience Analysis of Maritime Container Transport Networks. , 2019, , .		1
175	Risk Assessment of Container Supply Chains Using Methods of Uncertainty Treatment. Safety and Reliability, 2005, 26, 29-38.	0.6	0
176	Toward an Effective Human Reliability Assessment. , 2011, , .		0
177	Applying interval knowledge to facilitate seaport container throughput volume forecasting. , 2016, , .		0
178	A Survey on Urban Traffic Optimisation for Sustainable and Resilient Transportation Network. , 2016, , .		0
179	Potential solutions to upstream buyer consolidation in the China-Europe container trades â€" An exploratory study. , 2016, , .		0
180	The Impact of High-Speed Rail and Low-Cost Carriers on Chinaâ€™s Air Market. , 2018, , .		0

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181	Transportation routes evaluation: A delphi and CFPR approach. Journal of Intelligent and Fuzzy Systems, 2021, 41, 4841-4854.	1.4	0
182	Experiments for PHM: Needs, developments and challenges. , 2014, , 605-612.		0
183	Modelling adequacy of organisation in human reliability analysisâ€"a case of maritime operations. , 2015, , 3157-3164.		0
184	Use of fuzzy inference approach to estimate maritime security level. , 2016, , 911-920.		0
185	A Methodology to Prioritize Security Vulnerabilities in Ports. , 2018, , 63-79.		0
186	Sailing Speed and Fleet Deployment Optimization for Intercontinental Container Liner Shipping Considering Cargo Time Value. Transportation Journal, 2020, 59, 254-278.	0.7	0
187	Maritime security regulations and policies in Hong Kong: a critical review and the development of a risk-based security assessment model. , 2014, , .		0