

Cheng-peng Wan

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

997
citations

687363

13
h-index

677142

22
g-index

29
all docs

29
docs citations

29
times ranked

622
citing authors

#	ARTICLE	IF	CITATIONS
1	Resilience in transportation systems: a systematic review and future directions. <i>Transport Reviews</i> , 2018, 38, 479-498.	8.8	218
2	An advanced fuzzy Bayesian-based FMEA approach for assessing maritime supply chain risks. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2019, 125, 222-240.	7.4	160
3	A framework to identify factors influencing navigational risk for Maritime Autonomous Surface Ships. <i>Ocean Engineering</i> , 2020, 202, 107188.	4.3	126
4	A novel model for the quantitative evaluation of green port development – A case study of major ports in China. <i>Transportation Research, Part D: Transport and Environment</i> , 2018, 61, 431-443.	6.8	96
5	Identifying important ports in maritime container shipping networks along the Maritime Silk Road. <i>Ocean and Coastal Management</i> , 2021, 211, 105738.	4.4	57
6	AIS data-driven approach to estimate navigable capacity of busy waterways focusing on ships entering and leaving port. <i>Ocean Engineering</i> , 2020, 218, 108215.	4.3	46
7	Use of evidential reasoning for eliciting bayesian subjective probabilities in human reliability analysis: A maritime case. <i>Ocean Engineering</i> , 2019, 186, 106095.	4.3	35
8	Using Bayesian network-based TOPSIS to aid dynamic port state control detention risk control decision. <i>Reliability Engineering and System Safety</i> , 2021, 213, 107784.	8.9	33
9	Analysis of risk factors influencing the safety of maritime container supply chains. <i>International Journal of Shipping and Transport Logistics</i> , 2019, 11, 476.	0.5	31
10	A two-stage black-spot identification model for inland waterway transportation. <i>Reliability Engineering and System Safety</i> , 2021, 213, 107677.	8.9	28
11	Safety management of waterway congestions under dynamic risk conditions – A case study of the Yangtze River. <i>Applied Soft Computing Journal</i> , 2017, 59, 115-128.	7.2	25
12	Emerging LNG-fueled ships in the Chinese shipping industry: a hybrid analysis on its prospects. <i>WMU Journal of Maritime Affairs</i> , 2015, 14, 43-59.	2.7	24
13	A novel policy making aid model for the development of LNG fuelled ships. <i>Transportation Research, Part A: Policy and Practice</i> , 2019, 119, 29-44.	4.2	24
14	Novel Approach for Comprehensive Centrality Assessment of Ports along the Maritime Silk Road. <i>Transportation Research Record</i> , 2019, 2673, 461-470.	1.9	14
15	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
16	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
17	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
18	A Discourse of Multi-criteria Decision Making (MCDM) Approaches. <i>Profiles in Operations Research</i> , 2018, , 7-29.	0.4	10

#	ARTICLE	IF	CITATIONS
19	A Fuzzy-Based Decision-Making Model for Improving the Carrying Capacity of Ship Locks: A Three Gorges Dam Case. <i>Journal of Marine Science and Engineering</i> , 2019, 7, 244.	2.6	6
20	Identification and Analysis of Vulnerability in Traffic-Intensive Areas of Water Transportation Systems. <i>Journal of Marine Science and Engineering</i> , 2019, 7, 174.	2.6	6
21	Resilience assessment of maritime container shipping networks – A case of the Maritime Silk Road. , 2019, , .		6
22	Risk Causal Analysis of Traffic-Intensive Waters Based on Infectious Disease Dynamics. <i>Journal of Marine Science and Engineering</i> , 2019, 7, 277.	2.6	4
23	Study on waterway traffic risk assessment and countermeasure in Guangxi Province. , 2013, , .		2
24	Safety assessment of LNG carriers based on fault tree analysis. , 2015, , .		2
25	Incorporating AHP and Evidential Reasoning for Quantitative Evaluation of Inland Port Performance. <i>Profiles in Operations Research</i> , 2018, , 151-173.	0.4	2
26	Analytical strategic safety management in container ports. , 2017, , .		1
27	Resilience in Freight Transport Networks. , 2021, , 53-57.		1
28	Use of FMECA Method for Leakage Analysis of LNG Fueled Vessels. , 2014, , .		0
29	Modeling the ship traffic in the Three Gorges area. , 2015, , .		0