

Yuquan Du

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

999
citations

623734

14
h-index

713466

21
g-index

24
all docs

24
docs citations

24
times ranked

594
citing authors

#	ARTICLE	IF	CITATIONS
1	Berth allocation considering fuel consumption and vessel emissions. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2011, 47, 1021-1037.	7.4	205
2	Shipping log data based container ship fuel efficiency modeling. <i>Transportation Research Part B: Methodological</i> , 2016, 83, 207-229.	5.9	106
3	Two-phase optimal solutions for ship speed and trim optimization over a voyage using voyage report data. <i>Transportation Research Part B: Methodological</i> , 2019, 122, 88-114.	5.9	104
4	Modeling the Impacts of Tides and the Virtual Arrival Policy in Berth Allocation. <i>Transportation Science</i> , 2015, 49, 939-956.	4.4	94
5	Berth and quay-crane allocation problem considering fuel consumption and emissions from vessels. <i>Computers and Industrial Engineering</i> , 2014, 70, 1-10.	6.3	86
6	Liner container seasonal shipping revenue management. <i>Transportation Research Part B: Methodological</i> , 2015, 82, 141-161.	5.9	83
7	Development of a two-stage ship fuel consumption prediction and reduction model for a dry bulk ship. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2020, 138, 101930.	7.4	79
8	A quantitative risk analysis model with integrated deliberative Delphi platform for container shipping operational risks. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2019, 129, 203-227.	7.4	40
9	Berth Allocation and Quay Crane Assignment for the Trade-off Between Service Efficiency and Operating Cost Considering Carbon Emission Taxation. <i>Transportation Science</i> , 2020, 54, 1307-1331.	4.4	33
10	Risk identification and modeling for blockchain-enabled container shipping. <i>International Journal of Physical Distribution and Logistics Management</i> , 2021, 51, 126-148.	7.4	30
11	Budgeting Fuel Consumption of Container Ship over Round-Trip Voyage through Robust Optimization. <i>Transportation Research Record</i> , 2015, 2477, 68-75.	1.9	20
12	Evaluating the solution performance of IP and CP for berth allocation with time-varying water depth. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2016, 87, 167-185.	7.4	19
13	Dynamics and interdependencies among different shipping freight markets. <i>Maritime Policy and Management</i> , 2018, 45, 837-849.	3.8	17
14	Risk assessment of maritime container shipping blockchain-integrated systems: An analysis of multi-event scenarios. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2022, 163, 102764.	7.4	17
15	Mathematically calculating the transit time of cargo through a liner shipping network with various trans-shipment policies. <i>Maritime Policy and Management</i> , 2017, 44, 248-270.	3.8	15
16	An Operational Risk Analysis Model for Container Shipping Systems considering Uncertainty Quantification. <i>Reliability Engineering and System Safety</i> , 2021, 209, 107362.	8.9	14
17	Bunker Procurement Planning for Container Liner Shipping Companies. <i>Transportation Research Record</i> , 2015, 2479, 60-68.	1.9	10
18	Collaborative emergency berth scheduling based on decentralized decision and price mechanism. <i>Annals of Operations Research</i> , 2021, 298, 525-554.	4.1	8

#	ARTICLE	IF	CITATIONS
19	Berth Scheduling Problem Considering Traffic Limitations in the Navigation Channel. Sustainability, 2018, 10, 4795.	3.2	7
20	Container shipping operational risks: an overview of assessment and analysis. Maritime Policy and Management, 2022, 49, 279-299.	3.8	6
21	Scheduling of Liner Container Shipping Services. , 2021, , 335-343.		3
22	A feedback procedure for robust berth allocation with stochastic vessel delays. , 2010, , .		2
23	A methodological framework for quantitative risk analysis in container shipping operations. Maritime Business Review, 2022, ahead-of-print, .	1.8	1
24	Impact analysis of the traffic convoy system and toll pricing policy of the Suez Canal on the operations of a liner containership over a long-haul voyage. International Journal of Shipping and Transport Logistics, 2019, 11, 119.	0.5	0