

# Shuai-An Wang

## List of Publications by Year in descending order

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202  
papers

7,855  
citations

50170

46  
h-index

71532

76  
g-index

205  
all docs

205  
docs citations

205  
times ranked

2971  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sailing speed optimization for container ships in a liner shipping network. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2012, 48, 701-714.	3.7	364
2	Containership Routing and Scheduling in Liner Shipping: Overview and Future Research Directions. <i>Transportation Science</i> , 2014, 48, 265-280.	2.6	353
3	How big data enriches maritime research – a critical review of Automatic Identification System (AIS) data applications. <i>Transport Reviews</i> , 2019, 39, 755-773.	4.7	206
4	Liner ship route schedule design with sea contingency time and port time uncertainty. <i>Transportation Research Part B: Methodological</i> , 2012, 46, 615-633.	2.8	185
5	Liner shipping service network design with empty container repositioning. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2011, 47, 695-708.	3.7	184
6	Integrated internal truck, yard crane and quay crane scheduling in a container terminal considering energy consumption. <i>Expert Systems With Applications</i> , 2015, 42, 2464-2487.	4.4	160
7	On the fundamental diagram for freeway traffic: A novel calibration approach for single-regime models. <i>Transportation Research Part B: Methodological</i> , 2015, 73, 91-102.	2.8	157
8	Global optimization methods for the discrete network design problem. <i>Transportation Research Part B: Methodological</i> , 2013, 50, 42-60.	2.8	155
9	On the stochastic fundamental diagram for freeway traffic: Model development, analytical properties, validation, and extensive applications. <i>Transportation Research Part B: Methodological</i> , 2017, 104, 256-271.	2.8	131
10	Robust schedule design for liner shipping services. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2012, 48, 1093-1106.	3.7	126
11	Short-term liner ship fleet planning with container transshipment and uncertain container shipment demand. <i>European Journal of Operational Research</i> , 2012, 223, 96-105.	3.5	122
12	Bunker consumption optimization methods in shipping: A critical review and extensions. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2013, 53, 49-62.	3.7	120
13	A tree-structured crash surrogate measure for freeways. <i>Accident Analysis and Prevention</i> , 2015, 77, 137-148.	3.0	119
14	A two-phase optimization model for the demand-responsive customized bus network design. <i>Transportation Research Part C: Emerging Technologies</i> , 2020, 111, 1-21.	3.9	116
15	Liner ship fleet deployment with container transshipment operations. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2012, 48, 470-484.	3.7	114
16	Robust optimization model of schedule design for a fixed bus route. <i>Transportation Research Part C: Emerging Technologies</i> , 2012, 25, 113-121.	3.9	104
17	Speed-based toll design for cordon-based congestion pricing scheme. <i>Transportation Research Part C: Emerging Technologies</i> , 2013, 31, 83-98.	3.9	104
18	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.	2.8	104

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19	Optimal distance tolls under congestion pricing and continuously distributed value of time. Transportation Research, Part E: Logistics and Transportation Review, 2012, 48, 937-957.	3.7	98
20	Mitigate the range anxiety: Siting battery charging stations for electric vehicle drivers. Transportation Research Part C: Emerging Technologies, 2020, 114, 164-188.	3.9	94
21	Optimal operating strategy for a long-haul liner service route. European Journal of Operational Research, 2011, 215, 105-114.	3.5	92
22	Optimal electric bus fleet scheduling considering battery degradation and non-linear charging profile. Transportation Research, Part E: Logistics and Transportation Review, 2021, 154, 102445.	3.7	90
23	Optimal joint distance and time toll for cordon-based congestion pricing. Transportation Research Part B: Methodological, 2014, 69, 81-97.	2.8	81
24	Green technology adoption for fleet deployment in a shipping network. Transportation Research Part B: Methodological, 2020, 139, 388-410.	2.8	80
25	Development of a two-stage ship fuel consumption prediction and reduction model for a dry bulk ship. Transportation Research, Part E: Logistics and Transportation Review, 2020, 138, 101930.	3.7	79
26	Liner ship route schedule design with port time windows. Transportation Research Part C: Emerging Technologies, 2014, 41, 1-17.	3.9	77
27	Robust optimization of distance-based tolls in a network considering stochastic day to day dynamics. Transportation Research Part C: Emerging Technologies, 2017, 79, 58-72.	3.9	76
28	On service network improvement for shipping lines under the one belt one road initiative of China. Transportation Research, Part E: Logistics and Transportation Review, 2018, 117, 82-95.	3.7	75
29	Column Generation for the Integrated Berth Allocation, Quay Crane Assignment, and Yard Assignment Problem. Transportation Science, 2018, 52, 812-834.	2.6	75
30	Container liner fleet deployment: A systematic overview. Transportation Research Part C: Emerging Technologies, 2017, 77, 389-404.	3.9	73
31	Development of a non-parametric classifier: Effective identification, algorithm, and applications in port state control for maritime transportation. Transportation Research Part B: Methodological, 2019, 128, 129-157.	2.8	73
32	Route and speed optimization for liner ships under emission control policies. Transportation Research Part C: Emerging Technologies, 2020, 110, 330-345.	3.9	73
33	Global intermodal liner shipping network design. Transportation Research, Part E: Logistics and Transportation Review, 2014, 61, 28-39.	3.7	68
34	Liner shipping network design with deadlines. Computers and Operations Research, 2014, 41, 140-149.	2.4	63
35	Schedule Design and Container Routing in Liner Shipping. Transportation Research Record, 2011, 2222, 25-33.	1.0	62
36	Liner ship fleet deployment with week-dependent container shipment demand. European Journal of Operational Research, 2012, 222, 241-252.	3.5	62

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37	Container routing in liner shipping. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2013, 49, 1-7.	3.7	59
38	Robust bunker management for liner shipping networks. <i>European Journal of Operational Research</i> , 2015, 243, 789-797.	3.5	57
39	A tailored branch-and-price approach for a joint tramp ship routing and bunkering problem. <i>Transportation Research Part B: Methodological</i> , 2015, 72, 1-19.	2.8	57
40	Paradox of international maritime organization's carbon intensity indicator. <i>Communications in Transportation Research</i> , 2021, 1, 100005.	4.9	57
41	Profit-based maritime container assignment models for liner shipping networks. <i>Transportation Research Part B: Methodological</i> , 2015, 72, 59-76.	2.8	55
42	Tug scheduling for hinterland barge transport: A branch-and-price approach. <i>European Journal of Operational Research</i> , 2018, 265, 119-132.	3.5	52
43	A joint liner ship path, speed and deployment problem under emission reduction measures. <i>Transportation Research Part B: Methodological</i> , 2021, 144, 155-173.	2.8	51
44	Data analytics for fuel consumption management in maritime transportation: Status and perspectives. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2021, 155, 102489.	3.7	51
45	Containership scheduling with transit-time-sensitive container shipment demand. <i>Transportation Research Part B: Methodological</i> , 2013, 54, 68-83.	2.8	50
46	Drone scheduling to monitor vessels in emission control areas. <i>Transportation Research Part B: Methodological</i> , 2019, 119, 174-196.	2.8	50
47	Scheduling quay cranes and yard trucks for unloading operations in container ports. <i>Annals of Operations Research</i> , 2019, 273, 455-478.	2.6	50
48	The shore power deployment problem for maritime transportation. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2020, 135, 101883.	3.7	50
49	Emerging approaches applied to maritime transport research: Past and future. <i>Communications in Transportation Research</i> , 2021, 1, 100011.	4.9	50
50	Willingness to board: A novel concept for modeling queuing up passengers. <i>Transportation Research Part B: Methodological</i> , 2016, 90, 70-82.	2.8	49
51	A note on "Berth allocation considering fuel consumption and vessel emissions". <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2013, 49, 48-54.	3.7	47
52	Fleet deployment and demand fulfillment for container shipping liners. <i>Transportation Research Part B: Methodological</i> , 2019, 120, 15-32.	2.8	47
53	A static bike repositioning model in a hub-and-spoke network framework. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2020, 141, 102031.	3.7	47
54	A systematic review of prediction methods for emergency management. <i>International Journal of Disaster Risk Reduction</i> , 2021, 62, 102412.	1.8	46

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55	Schedule design for sustainable container supply chain networks with port time windows. <i>Advanced Engineering Informatics</i> , 2015, 29, 322-331.	4.0	45
56	Operation management of green ports and shipping networks: overview and research opportunities. <i>Frontiers of Engineering Management</i> , 2019, 6, 152-162.	3.3	45
57	A semi-â€œsmart predict then optimizeâ€œ (semi-SPO) method for efficient ship inspection. <i>Transportation Research Part B: Methodological</i> , 2020, 142, 100-125.	2.8	45
58	Unmanned aerial vehicle scheduling problem for traffic monitoring. <i>Computers and Industrial Engineering</i> , 2018, 122, 15-23.	3.4	44
59	Essential elements in tactical planning models for container liner shipping. <i>Transportation Research Part B: Methodological</i> , 2013, 54, 84-99.	2.8	43
60	Mathematical programming models for construction site layout problems. <i>Automation in Construction</i> , 2018, 85, 241-248.	4.8	43
61	Efficiency and equity of speed limits in transportation networks. <i>Transportation Research Part C: Emerging Technologies</i> , 2013, 32, 61-75.	3.9	42
62	Surrogate-based simulation optimization approach for day-to-day dynamics model calibration with real data. <i>Transportation Research Part C: Emerging Technologies</i> , 2019, 105, 422-438.	3.9	42
63	Risk management in liner ship fleet deployment: A joint chance constrained programming model. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2013, 60, 1-12.	3.7	39
64	Continuum approximation modeling of transit network design considering local route service and short-turn strategy. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2018, 119, 165-188.	3.7	38
65	Models on ship scheduling in transshipment hubs with considering bunker cost. <i>International Journal of Production Economics</i> , 2016, 173, 111-121.	5.1	37
66	A note on liner ship fleet deployment. <i>Flexible Services and Manufacturing Journal</i> , 2011, 23, 422-430.	1.9	36
67	Ship type decision considering empty container repositioning and foldable containers. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2017, 108, 97-121.	3.7	36
68	Liner Shipping Service Planning Under Sulfur Emission Regulations. <i>Transportation Science</i> , 2021, 55, 491-509.	2.6	36
69	Shipping Domain Knowledge Informed Prediction and Optimization in Port State Control. <i>Transportation Research Part B: Methodological</i> , 2021, 149, 52-78.	2.8	36
70	Bi-level optimization model applications in managing air emissions from ships: A review. <i>Communications in Transportation Research</i> , 2021, 1, 100020.	4.9	36
71	Reversing port rotation directions in a container liner shipping network. <i>Transportation Research Part B: Methodological</i> , 2013, 50, 61-73.	2.8	35
72	Liner container assignment model with transit-time-sensitive container shipment demand and its applications. <i>Transportation Research Part B: Methodological</i> , 2016, 90, 135-155.	2.8	35

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73	Trial-and-error train fare design scheme for addressing boarding/alighting congestion at CBD stations. <i>Transportation Research Part B: Methodological</i> , 2018, 118, 318-335.	2.8	35
74	Terminal allocation problem in a transshipment hub considering bunker consumption. <i>Naval Research Logistics</i> , 2016, 63, 529-548.	1.4	34
75	Fundamental properties and pseudo-polynomial-time algorithm for network containership sailing speed optimization. <i>European Journal of Operational Research</i> , 2016, 250, 46-55.	3.5	34
76	An Artificial Intelligence Model Considering Data Imbalance for Ship Selection in Port State Control Based on Detention Probabilities. <i>Journal of Computational Science</i> , 2021, 48, 101257.	1.5	34
77	Integrated berth and yard space allocation under uncertainty. <i>Transportation Research Part B: Methodological</i> , 2022, 162, 1-27.	2.8	34
78	Station choice for Australian commuter rail lines: Equilibrium and optimal fare design. <i>European Journal of Operational Research</i> , 2017, 258, 144-154.	3.5	32
79	Implications of the EU's Inclusion of Maritime Transport in the Emissions Trading System for Shipping Companies. <i>Engineering</i> , 2021, 7, 554-557.	3.2	32
80	Deploying, scheduling, and sequencing heterogeneous vessels in a liner container shipping route. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2021, 151, 102365.	3.7	32
81	Multi-period liner ship fleet planning with dependent uncertain container shipment demand. <i>Maritime Policy and Management</i> , 2015, 42, 43-67.	1.9	30
82	Segment-based alteration for container liner shipping network design. <i>Transportation Research Part B: Methodological</i> , 2015, 72, 128-145.	2.8	30
83	Model on empirically calibrating stochastic traffic flow fundamental diagram. <i>Communications in Transportation Research</i> , 2021, 1, 100015.	4.9	30
84	Integrating prediction with optimization: Models and applications in transportation management. , 2022, 1, 100018.		30
85	Liner ship route capacity utilization estimation with a bounded polyhedral container shipment demand pattern. <i>Transportation Research Part B: Methodological</i> , 2013, 47, 57-76.	2.8	29
86	Cruise shipping review: operations planning and research opportunities. <i>Maritime Business Review</i> , 2016, 1, 133-148.	1.1	29
87	A polynomial-time algorithm for sailing speed optimization with containership resource sharing. <i>Transportation Research Part B: Methodological</i> , 2016, 93, 394-405.	2.8	29
88	Asymmetric stochastic user equilibrium problem with elastic demand and link capacity constraints. <i>Transportmetrica A: Transport Science</i> , 2014, 10, 304-326.	1.3	28
89	Toll pricing framework under logit-based stochastic user equilibrium constraints. <i>Journal of Advanced Transportation</i> , 2014, 48, 1121-1137.	0.9	28
90	Collaborative mechanisms for berth allocation. <i>Advanced Engineering Informatics</i> , 2015, 29, 332-338.	4.0	28

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91	Optimal transportation planning for prefabricated products in construction. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2020, 35, 342-353.	6.3	28
92	Network Design for Shipping Service of Large-Scale Intermodal Liners. <i>Transportation Research Record</i> , 2012, 2269, 42-50.	1.0	26
93	A novel hybrid-link-based container routing model. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2014, 61, 165-175.	3.7	26
94	Simultaneous optimization of schedule coordination and cargo allocation for liner container shipping networks. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2014, 70, 261-273.	3.7	26
95	Integrated planning of ship deployment, service schedule and container routing. <i>Computers and Operations Research</i> , 2019, 104, 304-318.	2.4	26
96	Fundamental properties of volume–capacity ratio of a private toll road in general networks. <i>Transportation Research Part B: Methodological</i> , 2013, 47, 77-86.	2.8	25
97	Estimation of Entry Capacity for Single-Lane Modern Roundabouts: Case Study in Queensland, Australia. <i>Journal of Transportation Engineering</i> , 2014, 140, .	0.9	24
98	Variational inequality model for cordon-based congestion pricing under side constrained stochastic user equilibrium conditions. <i>Transportmetrica A: Transport Science</i> , 2014, 10, 693-704.	1.3	24
99	Exact and heuristic methods to solve the parallel machine scheduling problem with multi-processor tasks. <i>International Journal of Production Economics</i> , 2018, 201, 26-40.	5.1	24
100	Capacitated closed-loop supply chain network design under uncertainty. <i>Advanced Engineering Informatics</i> , 2018, 38, 306-315.	4.0	24
101	Optimal subsidy scheme design for promoting intermodal freight transport. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2022, 157, 102561.	3.7	24
102	Itinerary provision and pricing in container liner shipping revenue management. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2015, 77, 135-146.	3.7	23
103	Reproducible generation of experimental data sample for calibrating traffic flow fundamental diagram. <i>Transportation Research, Part A: Policy and Practice</i> , 2018, 111, 41-52.	2.0	23
104	Ship routing and scheduling problem for steel plants cluster alongside the Yangtze River. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2019, 122, 198-210.	3.7	23
105	Blockchain Applications in Shipping, Transportation, Logistics, and Supply Chain. <i>Smart Innovation, Systems and Technologies</i> , 2019, , 225-231.	0.5	23
106	Pilotage planning in seaports. <i>European Journal of Operational Research</i> , 2020, 287, 90-105.	3.5	23
107	Crowdsourcing mode evaluation for parcel delivery service platforms. <i>International Journal of Production Economics</i> , 2021, 235, 108067.	5.1	22
108	Optimal sequence of container ships in a string. <i>European Journal of Operational Research</i> , 2015, 246, 850-857.	3.5	21

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109	Dynamic programming for optimal ship refueling decision. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2017, 100, 63-74.	3.7	21
110	Cruise service planning considering berth availability and decreasing marginal profit. <i>Transportation Research Part B: Methodological</i> , 2017, 95, 1-18.	2.8	21
111	Dynamic programming algorithms for selection of waste disposal ports in cruise shipping. <i>Transportation Research Part B: Methodological</i> , 2018, 108, 235-248.	2.8	21
112	Mixed-integer second-order cone programming model for bus route clustering problem. <i>Transportation Research Part C: Emerging Technologies</i> , 2019, 102, 351-369.	3.9	21
113	Subsidy design in a vessel speed reduction incentive program under government policies. <i>Naval Research Logistics</i> , 2021, 68, 344-358.	1.4	21
114	Mixed-integer Linear Programming on Work-Rest Schedule Design for Construction Sites in Hot Weather. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2017, 32, 429-439.	6.3	20
115	A Lagrangian relaxation approach for the electric bus charging scheduling optimisation problem. <i>Transportmetrica A: Transport Science</i> , 2023, 19, .	1.3	20
116	Design of suburban bus route for airport access. <i>Transportmetrica A: Transport Science</i> , 2017, 13, 568-589.	1.3	19
117	Clustered coverage orienteering problem of unmanned surface vehicles for water sampling. <i>Naval Research Logistics</i> , 2020, 67, 353-367.	1.4	19
118	Vessel Service Planning in Seaports. <i>Operations Research</i> , 2022, 70, 2032-2053.	1.2	19
119	Analysis of the development potential of bulk shipping network on the Yangtze River. <i>Maritime Policy and Management</i> , 2017, 44, 512-523.	1.9	18
120	Shore power management for maritime transportation: Status and perspectives. <i>Maritime Transport Research</i> , 2020, 1, 100004.	1.5	18
121	The Robust Bulk Ship Routing Problem with Batched Cargo Selection. <i>Transportation Research Part B: Methodological</i> , 2021, 143, 124-159.	2.8	18
122	Ship selection in port state control: status and perspectives. <i>Maritime Policy and Management</i> , 2022, 49, 600-615.	1.9	18
123	Can we trust the AIS destination port information for bulk ships?â€”Implications for shipping policy and practice. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2021, 149, 102308.	3.7	18
124	A two-stage stochastic nonlinear integer-programming model for slot allocation of a liner container shipping service. <i>Transportation Research Part B: Methodological</i> , 2021, 150, 143-160.	2.8	18
125	Formulating cargo inventory costs for liner shipping network design. <i>Maritime Policy and Management</i> , 2017, 44, 62-80.	1.9	17
126	Long-Distance Commuter (LDC) Lane: A New Concept for Freeway Traffic Management. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2015, 30, 815-823.	6.3	15



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127	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.	1.9	15
128	Quay crane scheduling problem with considering tidal impact and fuel consumption. <i>Flexible Services and Manufacturing Journal</i> , 2017, 29, 345-368.	1.9	15
129	Robust Optimization Model for Liner Ship Fleet Planning with Container Transshipment and Uncertain Demand. <i>Transportation Research Record</i> , 2012, 2273, 18-28.	1.0	14
130	Estimation of the perceived value of transit time for containerized cargoes. <i>Transportation Research, Part A: Policy and Practice</i> , 2015, 78, 298-308.	2.0	14
131	Rural bus route design problem: Model development and case studies. <i>KSCE Journal of Civil Engineering</i> , 2015, 19, 1892-1896.	0.9	14
132	Carrying capacity procurement of rail and shipping services for automobile delivery with uncertain demand. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2015, 82, 38-54.	3.7	14
133	A joint optimization model for liner container cargo assignment problem using state-augmented shipping network framework. <i>Transportation Research Part C: Emerging Technologies</i> , 2016, 68, 425-446.	3.9	14
134	Canal effects on a liner hub location problem. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2019, 130, 230-247.	3.7	14
135	Schedule design for liner services under vessel speed reduction incentive programs. <i>Naval Research Logistics</i> , 2020, 67, 45-62.	1.4	14
136	Branch-price-and-cut for trucks and drones cooperative delivery. <i>IIEE Transactions</i> , 2023, 55, 271-287.	1.6	14
137	Network-level Optimization of Bus Stop Placement in Urban Areas. <i>KSCE Journal of Civil Engineering</i> , 2018, 22, 1446-1453.	0.9	13
138	Multi-Objective Mathematical Programming Approach to Construction Laborer Assignment with Equity Consideration. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2016, 31, 954-965.	6.3	12
139	Three potential benefits of the EU and IMO's landmark efforts to monitor carbon dioxide emissions from shipping. <i>Frontiers of Engineering Management</i> , 2021, 8, 310-311.	3.3	12
140	Optimal subsidy design for shore power usage in ship berthing operations. <i>Naval Research Logistics</i> , 2022, 69, 566-580.	1.4	12
141	Gaussian Process Regression for Transportation System Estimation and Prediction Problems: The Deformation and a Hat Kernel. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022, 23, 22331-22342.	4.7	12
142	Propagation and dissipation of crash risk on saturated freeways. <i>Transportmetrica B</i> , 2014, 2, 203-214.	1.4	11
143	Cruise itinerary schedule design. <i>IIEE Transactions</i> , 2017, 49, 622-641.	1.6	11
144	Weekly container delivery patterns in liner shipping planning models. <i>Maritime Policy and Management</i> , 2017, 44, 442-457.	1.9	11

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145	Optimal Container Routing in Liner Shipping Networks Considering Repacking 20â€™ Containers into 40â€™ Containers. Journal of Advanced Transportation, 2017, 2017, 1-9.	0.9	11
146	Model and analysis of the effect of Chinaâ€™s potential domestic emission control area with 0.1% sulphur limit. Maritime Business Review, 2019, 4, 298-309.	1.1	11
147	Literature Review of Analytical Models on Emergency Vehicle Service: Location, Dispatching, Routing and Preemption Control. , 2019, , .		11
148	Data-Driven Intelligent Port Management Based on Blockchain. Asia-Pacific Journal of Operational Research, 2021, 38, 2040017.	0.9	11
149	Unmanned aerial vehicle based low carbon monitoring planning. Advanced Engineering Informatics, 2021, 48, 101277.	4.0	11
150	Development of Two Highly-Efficient and Innovative Inspection Schemes for PSC Inspection. Asia-Pacific Journal of Operational Research, 2021, 38, 2040013.	0.9	11
151	Is port state control influenced by the COVID-19? Evidence from inspection data. Transport Policy, 2022, 123, 82-103.	3.4	11
152	Bulk ship scheduling in industrial shipping with stochastic backhaul canvassing demand. Transportation Research Part B: Methodological, 2018, 117, 117-136.	2.8	10
153	Intermodal Container Flow Simulation Model and Its Applications. Transportation Research Record, 2011, 2224, 35-41.	1.0	10
154	Minimax Regret Model for Liner Shipping Fleet Deployment with Uncertain Demand. Transportation Research Record, 2016, 2549, 45-53.	1.0	9
155	A fleet deployment model to minimise the covering time of maritime rescue missions. Maritime Policy and Management, 2023, 50, 724-749.	1.9	9
156	Modelling follow up time at a single-lane roundabout. Journal of Traffic and Transportation Engineering (English Edition), 2014, 1, 97-102.	2.0	8
157	Optimal reefer slot conversion for container freight transportation. Maritime Policy and Management, 2017, 44, 727-743.	1.9	8
158	Network-based optimization modeling of manhole setting for pipeline transportation. Transportation Research, Part E: Logistics and Transportation Review, 2018, 113, 38-55.	3.7	8
159	Practical taxi sharing schemes at large transport terminals. Transportmetrica B, 2019, 7, 596-616.	1.4	8
160	Analysis and prediction of ship energy efficiency based on the MRV system. Maritime Policy and Management, 2023, 50, 117-139.	1.9	8
161	Routing Optimization with Generalized Consistency Requirements. Transportation Science, 2022, 56, 223-244.	2.6	8
162	On the Uniqueness of User Equilibrium Flow with Speed Limit. Networks and Spatial Economics, 2017, 17, 763-775.	0.7	7

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163	Subloop-based reversal of port rotation directions for container liner shipping network alteration. <i>Transportation Research Part B: Methodological</i> , 2018, 118, 336-361.	2.8	7
164	An improved learning-and-optimization train fare design method for addressing commuting congestion at CBD stations. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2021, 153, 102427.	3.7	7
165	Ship Inspection by Port State Control—Review of Current Research. <i>Smart Innovation, Systems and Technologies</i> , 2019, , 233-241.	0.5	7
166	Development of denoising and compression algorithms for AIS-based vessel trajectories. <i>Ocean Engineering</i> , 2022, 252, 111207.	1.9	7
167	Systematic Network Design for Liner Shipping Services. <i>Transportation Research Record</i> , 2013, 2330, 16-23.	1.0	6
168	Performance analysis of service systems with priority upgrades. <i>Annals of Operations Research</i> , 2017, 253, 683-705.	2.6	6
169	Sustainable Ship Loading Planning for Prefabricated Products in the Construction Industry. <i>Sustainability</i> , 2020, 12, 8905.	1.6	6
170	Liner Ship Fleet Deployment with Uncertain Demand. <i>Transportation Research Record</i> , 2014, 2409, 49-53.	1.0	5
171	Ship Route Schedule Based Interactions Between Container Shipping Lines and Port Operators. <i>Profiles in Operations Research</i> , 2015, , 279-313.	0.3	5
172	Analysis of three container routing strategies. <i>International Journal of Production Economics</i> , 2017, 193, 259-271.	5.1	5
173	A Trial-and-Error Method with Autonomous Vehicle-to-Infrastructure Traffic Counts for Cordon-Based Congestion Pricing. <i>Journal of Advanced Transportation</i> , 2017, 2017, 1-8.	0.9	5
174	Coordinated approaches for port state control inspection planning. <i>Maritime Policy and Management</i> , 2022, 49, 897-912.	1.9	5
175	Mixed-Integer Linear Programming Models for Teaching Assistant Assignment and Extensions. <i>Scientific Programming</i> , 2017, 2017, 1-7.	0.5	4
176	Joint Deployment of Quay Cranes and Yard Cranes in Container Terminals at a Tactical Level. <i>Transportation Research Record</i> , 2018, 2672, 35-46.	1.0	4
177	Evacuating offshore working barges from a land reclamation site in storm emergencies. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2020, 137, 101902.	3.7	4
178	Scheduling heterogeneous delivery tasks on a mixed logistics platform. <i>European Journal of Operational Research</i> , 2022, 298, 680-698.	3.5	4
179	A Modelling Framework of Drone Deployment for Monitoring Air Pollution from Ships. <i>Smart Innovation, Systems and Technologies</i> , 2019, , 281-288.	0.5	3
180	Shared mobility oriented open vehicle routing with order radius decision. <i>Transportation Research, Part A: Policy and Practice</i> , 2021, 144, 19-33.	2.0	3

#	ARTICLE	IF	CITATIONS
181	Efficient Global Container Transport Network Design. Profiles in Operations Research, 2015, , 359-395.	0.3	3
182	A Bi-Level Programming Model for China's Marine Domestic Emission Control Area Design. Sustainability, 2022, 14, 3562.	1.6	3
183	Ports Opening for Seafarer Change during the COVID-19: Models and Applications. Sustainability, 2022, 14, 2908.	1.6	3
184	Promoting Liquefied Natural Gas (LNG) Bunkering for Maritime Transportation: Should Ports or Ships Be Subsidized?. Sustainability, 2022, 14, 6647.	1.6	3
185	Congestion Pricing with Distance Tolls: A Review and New Developments. , 2014, , .		2
186	Autonomous Vessel Scheduling. Journal of the Operations Research Society of China, 2020, 8, 391-414.	0.9	2
187	Liner Ship Fleet Planning Problem With a Joint Chance-Constrained Service Level. , 2017, , 113-126.		2
188	Yard truck retrofitting and deployment for hazardous material transportation in green ports. Annals of Operations Research, 0, , 1.	2.6	2
189	Optimal Automobile Distribution Model in Multimodal Freight Transportation Networks. Transportation Research Record, 2014, 2410, 50-57.	1.0	1
190	Toll Pricing with Elastic Demand and Heterogeneous Users. , 2014, , .		1
191	An Incentive Dynamic Programming Method for the Optimization of Scholarship Assignment. Discrete Dynamics in Nature and Society, 2018, 2018, 1-7.	0.5	1
192	Study of Data-Driven Methods for Vessel Anomaly Detection Based on AIS Data. Smart Innovation, Systems and Technologies, 2019, , 29-37.	0.5	1
193	Optimal re-allocation of mooring areas for yachts. Maritime Business Review, 2019, 4, 94-105.	1.1	1
194	Evaluation of Liquefied Natural Gas as a Ship Fuel for Liner Shipping Using Evolutionary Game Theory. Asia-Pacific Journal of Operational Research, 2021, 38, 2140022.	0.9	1
195	Emission Evaluation of Marine Traffic. Smart Innovation, Systems and Technologies, 2020, , 201-211.	0.5	1
196	Modelling Follow-Up Time at a Single-Lane Roundabout. , 2014, , .		0
197	Strategies for Teaching Travel Time Uncertainty Modeling. , 2014, , .		0
198	A note on ship routing between ports. Optimization Letters, 2017, 11, 217-223.	0.9	0

#	ARTICLE	IF	CITATIONS
199	Liner Ship Fleet Planning. , 2017, , 15-38.		0
200	Pricing of Shared-Parking Lot: An Application of Hotelling Model. Smart Innovation, Systems and Technologies, 2019, , 310-317.	0.5	0
201	Discrete Optimization for Dynamic Systems of Operations Management in Data-Driven Society. Discrete Dynamics in Nature and Society, 2019, 2019, 1-5.	0.5	0
202	Shore Power Price Competition Between Ports. Smart Innovation, Systems and Technologies, 2020, , 189-199.	0.5	0