

# Jian Gang Jin

## List of Publications by Year in descending order

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44  
papers

1,546  
citations

430442

18  
h-index

315357

38  
g-index

44  
all docs

44  
docs citations

44  
times ranked

1118  
citing authors

#	ARTICLE	IF	CITATIONS
1	Demand-driven timetable design for metro services. <i>Transportation Research Part C: Emerging Technologies</i> , 2014, 46, 284-299.	3.9	227
2	Enhancing metro network resilience via localized integration with bus services. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2014, 63, 17-30.	3.7	215
3	Multiperiod-based timetable optimization for metro transit networks. <i>Transportation Research Part B: Methodological</i> , 2017, 96, 46-67.	2.8	123
4	An integrated Bayesian approach for passenger flow assignment in metro networks. <i>Transportation Research Part C: Emerging Technologies</i> , 2015, 52, 116-131.	3.9	111
5	Optimizing Bus Bridging Services in Response to Disruptions of Urban Transit Rail Networks. <i>Transportation Science</i> , 2016, 50, 790-804.	2.6	98
6	Tactical berth and yard template design at container transshipment terminals: A column generation based approach. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2015, 73, 168-184.	3.7	73
7	Storage Yard Management in Maritime Container Terminals. <i>Transportation Science</i> , 2016, 50, 1300-1313.	2.6	69
8	Terminal and yard allocation problem for a container transshipment hub with multiple terminals. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2012, 48, 516-528.	3.7	66
9	Optimizing Passenger Flow Control and Bus Bridging Service for Commuting Metro Lines. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2017, 32, 458-473.	6.3	61
10	Feeder vessel management at container transshipment terminals. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2013, 49, 201-216.	3.7	55
11	A branch-and-price method for integrated yard crane deployment and container allocation in transshipment yards. <i>Transportation Research Part B: Methodological</i> , 2017, 98, 62-75.	2.8	55
12	Optimal allocation of protective resources in urban rail transit networks against intentional attacks. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2015, 84, 73-87.	3.7	39
13	Real-Time Disruption Recovery for Integrated Berth Allocation and Crane Assignment in Container Terminals. <i>Transportation Research Record</i> , 2015, 2479, 49-59.	1.0	25
14	Quantifying long-term evolution of intra-urban spatial interactions. <i>Journal of the Royal Society Interface</i> , 2015, 12, 20141089.	1.5	24
15	Berth allocation recovery for container transshipment terminals. <i>Maritime Policy and Management</i> , 2020, 47, 558-574.	1.9	23
16	Transshipment operations optimization of sea-rail intermodal container in seaport rail terminals. <i>Computers and Industrial Engineering</i> , 2020, 141, 106296.	3.4	23
17	A column generation based approach for the Train Network Design Optimization problem. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2013, 50, 1-17.	3.7	20
18	Model and algorithm of coordinated flow controlling with station-based constraints in a metro system. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2021, 148, 102274.	3.7	20

#	ARTICLE	IF	CITATIONS
19	Scheduling synchronization in urban rail transit networks: Trade-offs between transfer passenger and last train operation. <i>Transportation Research, Part A: Policy and Practice</i> , 2020, 138, 463-490.	2.0	19
20	Schedule Template Design and Storage Allocation for Cyclically Visiting Feeders in Container Transshipment Hubs. <i>Transportation Research Record</i> , 2012, 2273, 87-95.	1.0	18
21	Simulation of a pediatric hospital in evacuation considering groups. <i>Simulation Modelling Practice and Theory</i> , 2021, 107, 102150.	2.2	17
22	Evaluating the feasibility of combined use of the Northern Sea Route and the Suez Canal Route considering ice parameters. <i>Transportation Research, Part A: Policy and Practice</i> , 2021, 147, 350-369.	2.0	16
23	Integrated Bay Allocation and Yard Crane Scheduling Problem for Transshipment Containers. <i>Transportation Research Record</i> , 2011, 2222, 63-71.	1.0	14
24	Integrated planning of train schedule template and container transshipment operation in seaport railway terminals. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2020, 142, 102061.	3.7	14
25	Feeder vessel routing and transshipment coordination at a congested hub port. <i>Transportation Research Part B: Methodological</i> , 2021, 151, 1-21.	2.8	13
26	Modeling Temporal Flow Assignment in Metro Networks Using Smart Card Data. , 2015, , .		11
27	From compound word to metropolitan station: Semantic similarity analysis using smart card data. <i>Transportation Research Part C: Emerging Technologies</i> , 2020, 114, 322-337.	3.9	11
28	A Stochastic ANP-GCE Approach for Vulnerability Assessment in the Water Supply System With Uncertainties. <i>IEEE Transactions on Engineering Management</i> , 2016, 63, 78-90.	2.4	9
29	Strategic network expansion of urban rapid transit systems: A bi-objective programming model. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2019, 34, 431-443.	6.3	9
30	Robust bike-sharing stations allocation and path network design: a two-stage stochastic programming model. <i>Transportation Letters</i> , 2020, 12, 682-691.	1.8	9
31	Optimizing the Link Directions of Personal Rapid Transit Network. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2018, 19, 3414-3419.	4.7	8
32	Understanding the bike sharing travel demand and cycle lane network: The case of Shanghai. <i>International Journal of Sustainable Transportation</i> , 2021, 15, 111-123.	2.1	8
33	Real-time dispatching of operating buses during unplanned disruptions to urban rail transit system. <i>Transportation Research Part C: Emerging Technologies</i> , 2022, 139, 103696.	3.9	8
34	Analysis of Profitability for Container Shipping on Arctic Routes by Navigation Speed and Risk of Disruption. <i>Transportation Research Record</i> , 2016, 2549, 54-63.	1.0	7
35	Joint optimization of space allocation and yard crane deployment in container terminal under uncertain demand. <i>Computers and Industrial Engineering</i> , 2022, 172, 108425.	3.4	7
36	Optimizing underground shelter location and mass pedestrian evacuation in urban community areas: A case study of Shanghai. <i>Transportation Research, Part A: Policy and Practice</i> , 2021, 149, 124-138.	2.0	6

#	ARTICLE	IF	CITATIONS
37	Stockyard storage space allocation in large iron ore terminals. Computers and Industrial Engineering, 2022, 164, 107911.	3.4	4
38	Two-Stage Stochastic Programming Model for Robust Personal Rapid Transit Network Design. Transportation Research Record, 2017, 2650, 152-162.	1.0	3
39	Optimization of Station-Skip in a Cyclic Express Subway Service. Networks and Spatial Economics, 0, , 1.	0.7	3
40	Revealing the true navigability of the Northern Sea Route from ice conditions and weather observations. Maritime Policy and Management, 2023, 50, 924-940.	1.9	3
41	Planning shuttle vessel operations in large container terminals based on waterside congestion cases. Maritime Policy and Management, 2021, 48, 988-1009.	1.9	2
42	Optimizing Disruption Recovery Operations for Wind Farms considering Power Generation Loss and Repair Time Uncertainty. Mathematical Problems in Engineering, 2020, 2020, 1-11.	0.6	0
43	Integrated dedicated berth allocation and specialised handling equipment assignment in bulk ports. International Journal of Shipping and Transport Logistics, 2020, 12, 543.	0.2	0
44	Smart City: A Perspective of Emergency and Resilience at a Community Level in Shanghai. Lecture Notes in Computer Science, 2020, , 522-536.	1.0	0