Jian Gang Jin

List of Publications by Year
in descending order

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44 papers	1,546 citations	430874 18 h-index	302126 39 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. Transportation Research Part C: Emerging Technologies, 2014, 46, 284-299.	7.6	227
2	Enhancing metro network resilience via localized integration with bus services. Transportation Research, Part E: Logistics and Transportation Review, 2014, 63, 17-30.	7.4	215
3	Multiperiod-based timetable optimization for metro transit networks. Transportation Research Part B: Methodological, 2017, 96, 46-67.	5.9	123
4	An integrated Bayesian approach for passenger flow assignment in metro networks. Transportation Research Part C: Emerging Technologies, 2015, 52, 116-131.	7.6	111
5	Optimizing Bus Bridging Services in Response to Disruptions of Urban Transit Rail Networks. Transportation Science, 2016, 50, 790-804.	4.4	98
6	Tactical berth and yard template design at container transshipment terminals: A column generation based approach. Transportation Research, Part E: Logistics and Transportation Review, 2015, 73, 168-184.	7.4	73
7	Storage Yard Management in Maritime Container Terminals. Transportation Science, 2016, 50, 1300-1313.	4.4	69
8	Terminal and yard allocation problem for a container transshipment hub with multiple terminals. Transportation Research, Part E: Logistics and Transportation Review, 2012, 48, 516-528.	7.4	66
9	Optimizing Passenger Flow Control and Busâ€Bridging Service for Commuting Metro Lines. Computer-Aided Civil and Infrastructure Engineering, 2017, 32, 458-473.	9.8	61
10	Feeder vessel management at container transshipment terminals. Transportation Research, Part E: Logistics and Transportation Review, 2013, 49, 201-216.	7.4	55
11	A branch-and-price method for integrated yard crane deployment and container allocation in transshipment yards. Transportation Research Part B: Methodological, 2017, 98, 62-75.	5.9	55
12	Optimal allocation of protective resources in urban rail transit networks against intentional attacks. Transportation Research, Part E: Logistics and Transportation Review, 2015, 84, 73-87.	7.4	39
13	Real-Time Disruption Recovery for Integrated Berth Allocation and Crane Assignment in Container Terminals. Transportation Research Record, 2015, 2479, 49-59.	1.9	25
14	Quantifying long-term evolution of intra-urban spatial interactions. Journal of the Royal Society Interface, 2015, 12, 20141089.	3.4	24
15	Berth allocation recovery for container transshipment terminals. Maritime Policy and Management, 2020, 47, 558-574.	3.8	23
16	Transshipment operations optimization of sea-rail intermodal container in seaport rail terminals. Computers and Industrial Engineering, 2020, 141, 106296.	6.3	23
17	A column generation based approach for the Train Network Design Optimization problem. Transportation Research, Part E: Logistics and Transportation Review, 2013, 50, 1-17.	7.4	20
18	Model and algorithm of coordinated flow controlling with station-based constraints in a metro system. Transportation Research, Part E: Logistics and Transportation Review, 2021, 148, 102274.	7.4	20

#	Article	IF	Citations
19	Scheduling synchronization in urban rail transit networks: Trade-offs between transfer passenger and last train operation. Transportation Research, Part A: Policy and Practice, 2020, 138, 463-490.	4.2	19
20	Schedule Template Design and Storage Allocation for Cyclically Visiting Feeders in Container Transshipment Hubs. Transportation Research Record, 2012, 2273, 87-95.	1.9	18
21	Simulation of a pediatric hospital in evacuation considering groups. Simulation Modelling Practice and Theory, 2021, 107, 102150.	3.8	17
22	Evaluating the feasibility of combined use of the Northern Sea Route and the Suez Canal Route considering ice parameters. Transportation Research, Part A: Policy and Practice, 2021, 147, 350-369.	4.2	16
23	Integrated Bay Allocation and Yard Crane Scheduling Problem for Transshipment Containers. Transportation Research Record, 2011, 2222, 63-71.	1.9	14
24	Integrated planning of train schedule template and container transshipment operation in seaport railway terminals. Transportation Research, Part E: Logistics and Transportation Review, 2020, 142, 102061.	7.4	14
25	Feeder vessel routing and transshipment coordination at a congested hub port. Transportation Research Part B: Methodological, 2021, 151, 1-21.	5.9	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. Transportation Research Part C: Emerging Technologies, 2020, 114, 322-337.	7.6	11
28	A Stochastic ANP-GCE Approach for Vulnerability Assessment in the Water Supply System With Uncertainties. IEEE Transactions on Engineering Management, 2016, 63, 78-90.	3.5	9
29	Strategic network expansion of urban rapid transit systems: A biâ€objective programming model. Computer-Aided Civil and Infrastructure Engineering, 2019, 34, 431-443.	9.8	9
30	Robust bike-sharing stations allocation and path network design: a two-stage stochastic programming model. Transportation Letters, 2020, 12, 682-691.	3.1	9
31	Optimizing the Link Directions of Personal Rapid Transit Network. IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 3414-3419.	8.0	8
32	Understanding the bike sharing travel demand and cycle lane network: The case of Shanghai. International Journal of Sustainable Transportation, 2021, 15, 111-123.	4.1	8
33	Real-time dispatching of operating buses during unplanned disruptions to urban rail transit system. Transportation Research Part C: Emerging Technologies, 2022, 139, 103696.	7.6	8
34	Analysis of Profitability for Container Shipping on Arctic Routes by Navigation Speed and Risk of Disruption. Transportation Research Record, 2016, 2549, 54-63.	1.9	7
35	Joint optimization of space allocation and yard crane deployment in container terminal under uncertain demand. Computers and Industrial Engineering, 2022, 172, 108425.	6.3	7
36	Optimizing underground shelter location and mass pedestrian evacuation in urban community areas: A case study of Shanghai. Transportation Research, Part A: Policy and Practice, 2021, 149, 124-138.	4.2	6

#	Article	IF	Citations
37	Stockyard storage space allocation in large iron ore terminals. Computers and Industrial Engineering, 2022, 164, 107911.	6.3	4
38	Two-Stage Stochastic Programming Model for Robust Personal Rapid Transit Network Design. Transportation Research Record, 2017, 2650, 152-162.	1.9	3
39	Optimization of Station-Skip in a Cyclic Express Subway Service. Networks and Spatial Economics, 0, , 1.	1.6	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.	3.8	3
41	Planning shuttle vessel operations in large container terminals based on waterside congestion cases. Maritime Policy and Management, 2021, 48, 988-1009.	3.8	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.	1.1	0
43	Integrated dedicated berth allocation and specialised handling equipment assignment in bulk ports. International Journal of Shipping and Transport Logistics, 2020, 12, 543.	0.5	0
44	Smart City: A Perspective of Emergency and Resilience at a Community Level in Shanghai. Lecture Notes in Computer Science, 2020, , 522-536.	1.3	0