Pan Shang

List of Publications by Year
in descending order

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25	658	566801 15	580395 25
papers	citations	h-index	g-index

25	25	25	411
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Equity-oriented skip-stopping schedule optimization in an oversaturated urban rail transit network. Transportation Research Part C: Emerging Technologies, 2018, 89, 321-343.	3.9	107
2	Yard crane and AGV scheduling in automated container terminal: A multi-robot task allocation framework. Transportation Research Part C: Emerging Technologies, 2020, 114, 241-271.	3.9	97
3	Integrating Lagrangian and Eulerian observations for passenger flow state estimation in an urban rail transit network: A space-time-state hyper network-based assignment approach. Transportation Research Part B: Methodological, 2019, 121, 135-167.	2.8	66
4	Effects of vehicle restriction policies: Analysis using license plate recognition data in Langfang, China. Transportation Research, Part A: Policy and Practice, 2018, 118, 89-103.	2.0	36
5	Augmented Lagrangian relaxation approach for logistics vehicle routing problem with mixed backhauls and time windows. Transportation Research, Part E: Logistics and Transportation Review, 2020, 135, 101891.	3.7	35
6	Optimizing electric vehicle routing problems with mixed backhauls and recharging strategies in multi-dimensional representation network. Expert Systems With Applications, 2021, 176, 114804.	4.4	34
7	Timetable Synchronization and Optimization Considering Time-Dependent Passenger Demand in an Urban Subway Network. Transportation Research Record, 2018, 2672, 243-254.	1.0	29
8	Open-source VRPLite Package for Vehicle Routing with Pickup and Delivery: A Path Finding Engine for Scheduled Transportation Systems. Urban Rail Transit, 2018, 4, 68-85.	0.9	26
9	Open-Source Public Transportation Mobility Simulation Engine DTALite-S: A Discretized Spaceâ€“Time Network-Based Modeling Framework for Bridging Multi-agent Simulation and Optimization. Urban Rail Transit, 2019, 5, 1-16.	0.9	24
10	Simultaneously re-optimizing timetables and platform schedules under planned track maintenance for a high-speed railway network. Transportation Research Part C: Emerging Technologies, 2020, 121, 102823.	3.9	24
11	Mitigating unfairness in urban rail transit operation: A mixed-integer linear programming approach. Transportation Research Part B: Methodological, 2021, 149, 418-442.	2.8	23
12	Optimization of Urban Single-line Metro Timetable for Total Passenger Travel Time under Dynamic Passenger Demand. Procedia Engineering, 2016, 137, 151-160.	1.2	22
13	Incident Duration Modeling Using Flexible Parametric Hazard-Based Models. Computational Intelligence and Neuroscience, 2014, 2014, 1-10.	1.1	19
14	Impact Analysis of Rainfall on Traffic Flow Characteristics in Beijing. International Journal of Intelligent Transportation Systems Research, 2019, 17, 150-160.	0.6	19
15	Dynamic passenger demand-oriented train scheduling optimization considering flexible short-turning strategy. Journal of the Operational Research Society, 2021, 72, 1707-1725.	2.1	19
16	Solving school bus routing problem with mixed-load allowance for multiple schools. Computers and Industrial Engineering, 2021, 151, 106916.	3.4	15
17	Integrated electric logistics vehicle recharging station locationâ€“routing problem with mixed backhauls and recharging strategies. Transportation Research Part C: Emerging Technologies, 2022, 140, 103695.	3.9	14
18	Demand-driven timetable and stop pattern cooperative optimization on an urban rail transit line. Transportation Planning and Technology, 2020, 43, 78-100.	0.9	11

#	Article	IF	Citations
19	Integrated Model for Timetabling and Circulation Planning on an Urban Rail Transit Line: a Coupled Network-Based Flow Formulation. Networks and Spatial Economics, 2021, 21, 331-364.	0.7	10
20	Last train timetable optimization considering detour routing strategy in an urban rail transit network. Measurement and Control, 2019, 52, 1461-1479.	0.9	8
21	Scheduling overnight trains for improving both last and first train services in an urban subway network. Advances in Mechanical Engineering, 2019, 11, 168781401984892.	0.8	7
22	Dynamic Origin-Destination Matrix Estimation Based on Urban Rail Transit AFC Data: Deep Optimization Framework with Forward Passing and Backpropagation Techniques. Journal of Advanced Transportation, 2020, 2020, 1-16.	0.9	6
23	Equityâ€oriented vehicle routing optimization for catering distribution services with timeliness requirements. IET Intelligent Transport Systems, 2022, 16, 163-185.	1.7	3
24	The unit train make-up scheme for loaded direction in the heavy haul railway. Smart and Resilient Transportation, 2019, 1, 30-44.	1.6	2
25	A dynamic scheduling process and methodology using route deviations and synchronized passenger transfers for flexible feeder transit services. Computers and Operations Research, 2022, 146, 105917.	2.4	2