CITATION REPORT List of articles citing

An Assignment-Based Approach to Efficient Real-Time City-Scale Taxi Dispatching

DOI: 10.1109/mis.2016.2 IEEE Intelligent Systems, 2016, 31, 68-77.

Source: https://exaly.com/paper-pdf/65333793/citation-report.pdf

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
98	An Evolutionary Algorithm for an Agent-Based Fleet Simulation Focused on Electric Vehicles. 2016 ,		O
97	. 2016,		2
96	Simulation of City-wide Replacement of Private Cars with Autonomous Taxis in Berlin. <i>Procedia Computer Science</i> , 2016 , 83, 237-244	1.6	158
95	An Optimization Model and Tabu Search Heuristic for Scheduling of Tasks on a Radar Sensor. <i>IEEE Sensors Journal</i> , 2016 , 16, 6694-6702	4	10
94	Optimal Multi-taxi Dispatch for Mobile Taxi-Hailing Systems. 2016 ,		18
93	Integrating explicit parking search into a transport simulation. <i>Procedia Computer Science</i> , 2017 , 109, 881-886	1.6	20
92	Impact assessment of dedicated free-floating carsharing parking. 2017 ,		1
91	Impact of relocation strategies for a fleet of shared automated vehicles on service efficiency, effectiveness and externalities. 2017 ,		10
90	A parallel Ant Colony System based on region decomposition for Taxi-Passenger Matching. 2017 ,		1
89	Efficient taxi dispatching system in distributed environment. 2017 ,		2
88	A parallel genetic algorithm with region division strategy to solve taxi-passenger matching problem. 2017 ,		4
87	City-wide shared taxis: A simulation study in Berlin. 2017 ,		43
86	. IEEE Access, 2018 , 6, 12438-12450	3.5	19
85	. IEEE Access, 2018 , 6, 6654-6667	3.5	3
84	CONGESTION EFFECTS OF AUTONOMOUS TAXI FLEETS. <i>Transport</i> , 2018 , 33, 971-980	1.4	32
83	Towards Incentive Mechanism for Taxi Services Allocation with Privacy Guarantee. 2018,		3
82	Agreement Technologies for Coordination in Smart Cities. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 816	2.6	3

(2020-2018)

81	The Balanced Dispatching Problem in Passengers Transport Services on Demand. <i>Lecture Notes in Computer Science</i> , 2018 , 379-387	0.9	
80	Dynamic autonomous vehicle fleet operations: Optimization-based strategies to assign AVs to immediate traveler demand requests. <i>Transportation Research Part C: Emerging Technologies</i> , 2018 , 92, 278-297	8.4	112
79	Large-Scale Order Dispatch in On-Demand Ride-Hailing Platforms. 2018,		119
78	Generating realistic urban traffic flows with evolutionary techniques. <i>Engineering Applications of Artificial Intelligence</i> , 2018 , 75, 36-47	7.2	10
77	Guiding vacant taxi drivers to demand locations by taxi-calling signals: A sequential binary logistic regression modeling approach and policy implications. <i>Transport Policy</i> , 2019 , 76, 100-110	5.7	9
76	Understanding the imbalance of the taxi market: From the high-quality customer perspective. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2019 , 535, 122297	3.3	4
75	Heuristics for electric taxi fleet management at Teo Taxi. <i>Infor</i> , 2019 , 57, 642-666	0.5	2
74	Evaluating the impact of spatio-temporal demand forecast aggregation on the operational performance of shared autonomous mobility fleets. <i>Transportation</i> , 2019 , 46, 1975-1996	4	24
73	Carpooling Algorithm with the Common Departure. 2019,		2
72	An Agent-based Simulation for Shared Automated Electric Vehicles with Vehicle Relocation*. 2019 ,		3
71	On Re-Balancing Self-Interested Agents in Ride-Sourcing Transportation Networks. 2019,		4
70	A Scheduling Method of Sharing Automated Taxi Based on Multi-Objective Decision. 2019 ,		
69	Autonomous Mobility-on-Demand Real-Time Gaming Framework. 2019,		3
68	Congestion pricing in a world of self-driving vehicles: An analysis of different strategies in alternative future scenarios. <i>Transportation Research Part C: Emerging Technologies</i> , 2019 , 98, 167-185	8.4	78
67	Current and Future Dynamic Passenger Transport Services Modeling, Simulation, and Optimization in a Sustainable Transport System. 2019 , 337-360		1
66	Taxi dispatching strategies with compensations. Expert Systems With Applications, 2019, 122, 173-182	7.8	16
65	Autonomous Vehicles and their Impact on Parking Search. <i>IEEE Intelligent Transportation Systems Magazine</i> , 2019 , 11, 19-27	2.6	18
64	Single vehicle network versus dispatcher: user assignment in an agent-based model. <i>Transportmetrica A: Transport Science</i> , 2020 , 16, 270-292	2.5	4

63	An Efficient Ant Colony System Approach for New Energy Vehicle Dispatch Problem. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2020 , 21, 4784-4797	6.1	30
62	Centralized and decentralized autonomous dispatching strategy for dynamic autonomous taxi operation in hybrid request mode. <i>Transportation Research Part C: Emerging Technologies</i> , 2020 , 111, 397-420	8.4	17
61	A spatiotemporal attention mechanism-based model for multi-step citywide passenger demand prediction. <i>Information Sciences</i> , 2020 , 513, 372-385	7.7	16
60	Integrating demand forecasts into the operational strategies of shared automated vehicle mobility services: spatial resolution impacts. <i>Transportation Letters</i> , 2020 , 12, 671-676	2.1	4
59	Drone-Based Material Transfer System in a Robotic Mobile Fulfillment Center. <i>IEEE Transactions on Automation Science and Engineering</i> , 2020 , 17, 957-965	4.9	11
58	. IEEE Intelligent Transportation Systems Magazine, 2020 , 12, 169-181	2.6	6
57	Shared autonomous vehicle fleet performance: Impacts of trip densities and parking limitations. <i>Transportation Research, Part D: Transport and Environment</i> , 2020 , 89, 102577	6.4	9
56	Exploring the Ridesharing Efficiency of Taxi Services. <i>IEEE Access</i> , 2020 , 8, 160396-160406	3.5	4
55	Assignment and Pricing of Shared Rides in Ride-Sourcing Using Combinatorial Double Auctions. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2020 , 1-12	6.1	5
54	A multi-dimensional rescheduling model in disrupted transport network using rule-based decision making. <i>Procedia Computer Science</i> , 2020 , 170, 90-97	1.6	2
53	A Predictive Fleet Management Strategy for On-Demand Mobility Services: A Case Study in Munich. <i>Electronics (Switzerland)</i> , 2020 , 9, 1021	2.6	2
52	PAS: Prediction-Based Actuation System for City-Scale Ridesharing Vehicular Mobile Crowdsensing. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 3719-3734	10.7	12
51	Operational benefits and challenges of shared-ride automated mobility-on-demand services. <i>Transportation Research, Part A: Policy and Practice</i> , 2020 , 134, 251-270	3.7	20
50	Understanding Inequalities in Ride-Hailing Services Through Simulations. <i>Scientific Reports</i> , 2020 , 10, 6500	4.9	9
49	Applying improved K-means algorithm into official service vehicle networking environment and research. <i>Soft Computing</i> , 2020 , 24, 8355-8363	3.5	4
48	Relocating shared automated vehicles under parking constraints: assessing the impact of different strategies for on-street parking. <i>Transportation</i> , 2021 , 48, 1931-1965	4	9
47	Real-Time Taxi P assenger Matching Using a Differential Evolutionary Fuzzy Controller. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems,</i> 2021 , 51, 2712-2725	7.3	4
46	GPS data in urban online ride-hailing: The technical potential analysis of demand prediction model. Journal of Cleaner Production, 2021 , 279, 123706	10.3	8

45	Dial-a-Ride Problem With Meeting Point Feature Known-as Express-Pool. IEEE Access, 2021, 9, 86404-86	543151	1
44	A Deep Q-Learning Network Based Reinforcement Strategy for Smart City Taxi Cruising. <i>Communications in Computer and Information Science</i> , 2021 , 59-70	0.3	1
43	Re-Balancing Self-Interested Drivers in Ride-Sharing Networks to Improve Customer Wait-Time. <i>IEEE Transactions on Control of Network Systems</i> , 2021 , 1-1	4	0
42	Regulating mobility-on-demand services: Tri-level model and Bayesian optimization solution approach. <i>Transportation Research Part C: Emerging Technologies</i> , 2021 , 125, 103075	8.4	4
41	Combining immediate customer responses and carpassenger reassignments in on-demand mobility services. <i>Transportation Research Part C: Emerging Technologies</i> , 2021 , 126, 103104	8.4	2
40	Algorithms to Manage Congestion in Large-Scale Mobility-on-Demand Schemes that Use Electric Vehicles. <i>SN Computer Science</i> , 2021 , 2, 1	2	
39	Efficient dispatching for on-demand ride services: Systematic optimization via Monte-Carlo tree search. <i>Transportation Research Part C: Emerging Technologies</i> , 2021 , 127, 103156	8.4	2
38	Density Based Distribution Model for Repositioning Strategies of Ride Hailing Services. <i>Frontiers in Future Transportation</i> , 2021 , 2,	2.5	O
37	A framework for integrated dispatching and charging management of an autonomous electric vehicle ride-hailing fleet. <i>Transportation Research, Part D: Transport and Environment</i> , 2021 , 95, 102822	6.4	3
36	Scenario-based passengers evacuation optimization with multiple travel modes in transit terminal. <i>Evolutionary Intelligence</i> , 1	1.7	1
35	Bibliography. 2021 , 193-205		
34	The balanced dispatching problem in passengers transport services on demand. <i>Expert Systems With Applications</i> , 2021 , 177, 114918	7.8	O
33	Decentralised cooperative cruising of autonomous ride-sourcing fleets. <i>Transportation Research Part C: Emerging Technologies</i> , 2021 , 131, 103336	8.4	4
32	Towards a Testbed for Dynamic Vehicle Routing Algorithms. <i>Communications in Computer and Information Science</i> , 2017 , 69-79	0.3	15
31	EVALUATING THE IMPACT OF AUTONOMOUS VEHICLES ON ACCESSIBILITY USING AGENT-BASED SIMULATION A CASE STUDY OF GUNMA PREFECTURE. <i>Journal of Japan Society of Civil Engineers</i> , 2019 , 7, 100-111	0.3	3
30	User-Assignment Strategy Considering Future Imbalance Impacts for Ride Hailing. 2021,		
29	Relief Aircraft Dispatch Strategies Based on Different Levels of Information Sharing Systems. <i>Aerospace</i> , 2021 , 8, 306	2.5	
28	Streamlining Advanced Taxi Assignment Strategies based on Legal Analysis. <i>Neurocomputing</i> , 2021 ,	5.4	

27	A Multi-objective Evolutionary Algorithm based on R2 Indicator for Pickup and Delivery Problem with Time Windows. 2020 ,		Ο
26	A Spatiotemporal Bidirectional Attention-Based Ride-Hailing Demand Prediction Model: A Case Study in Beijing During COVID-19. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 1-12	6.1	3
25	. IEEE Transactions on Big Data, 2020 , 1-1	3.2	
24	Analysis and Control of Autonomous Mobility-on-Demand Systems. <i>Annual Review of Control, Robotics, and Autonomous Systems</i> , 2022 , 5,	11.8	6
23	Optimal Routing and Charging Strategy for Shared Electric Vehicle Service. SSRN Electronic Journal,	1	
22	The Optimization of Airport Management Based on Collaborative Optimization of Flights and Taxis. <i>Discrete Dynamics in Nature and Society</i> , 2022 , 2022, 1-16	1.1	
21	Memory-Based Ant Colony System Approach for Multi-Source Data Associated Dynamic Electric Vehicle Dispatch Optimization. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022 , 1-15	6.1	3
20	Intelligent Transportation Logistics Optimal Warehouse Location Method Based on Internet of Things and Blockchain Technology <i>Sensors</i> , 2022 , 22,	3.8	O
19	Logistics Distribution Path Optimization Using Support Vector Machine Algorithm under Different Constraints. <i>Wireless Communications and Mobile Computing</i> , 2022 , 2022, 1-9	1.9	0
18	Multi-Objective Distributional Reinforcement Learning for Large-Scale Order Dispatching. 2021,		O
17	A Simulation-Based Approach To Compare Policies and Stakeholders Behaviors For The Ride-Hailing Assignment Problem. 2021 ,		
16	The Impact of Fleet Coordination on Taxi Operations. <i>Journal of Advanced Transportation</i> , 2021 , 2021, 1-14	1.9	O
15	Research on Passenger Searching for Autonomous Taxis Based on Self-Learning Algorithm. 2021,		
14	Optimization Model and Algorithm of Urban Road Traffic Network Design Based on Decision Tree Quantificatione. 2021 ,		
13	A GAN framework-based dynamic multi-graph convolutional network for origindestination-based ride-hailing demand prediction. <i>Information Sciences</i> , 2022 , 601, 129-146	7.7	2
12	Deep reinforcement learning for urban multi-taxis cruising strategy. <i>Neural Computing and Applications</i> ,	4.8	
11	A Scalable Multi-agent Reinforcement Learning Approach for the Dynamic Taxi Dispatch Problem. <i>Lecture Notes in Electrical Engineering</i> , 2022 , 1137-1148	0.2	
10	Review of shared online hailing and autonomous taxi services. <i>Transportmetrica B</i> , 1-24	1.8	1

CITATION REPORT

9	Dynamic dispatch of connected taxis for large-scale urban road networks with stochastic demands: An MFD-enabled hierarchical and cooperative approach. <i>Transportation Research Part C: Emerging</i> 8.4 Technologies, 2022 , 142, 103792	O
8	Car Driving Record System Based on Ferroelectric Memory Reading Function and SD Card Chip. 2022 , 2022, 1-11	
7	Bridging the Gap Between Mesoscopic Transport Planning and Microscopic Traffic Simulation: An Analytical and Numerical Analysis of Traffic Dynamics. 036119812211282	O
6	The dynamic ride-hailing sharing problem with multiple vehicle types and user classes. 2022 , 168, 102891	O
5	An incremental approach to forecasting and classification of taxi demand based on evolving fuzzy systems. 2022 , 1-26	О
4	Obstacle avoidance trajectory planning strategy considering network communication constraints. 09544070	22 1305
3	Fostering synergy between transit and Autonomous Mobility-on-Demand systems: A dynamic modeling approach for the morning commute problem. 2023 , 170, 103638	O
2	The impact of dispatching logic on the efficiency of Urban Air Mobility operations. 2023 , 108, 102372	O
1	Optimization of demand-responsive transport: The rolling horizon approach. 2023 , 220, 145-153	О