Jintao Ke

List of Publications by Year
in descending order

23 papers	1,647 citations	394421 19 h-index	642732 23 g-index
23 all docs	23 docs citations	23 times ranked	1017 citing authors

#	Article	IF	Citations
1	Short-term forecasting of passenger demand under on-demand ride services: A spatio-temporal deep learning approach. Transportation Research Part C: Emerging Technologies, 2017, 85, 591-608.	7.6	485
2	Pricing and equilibrium in on-demand ride-pooling markets. Transportation Research Part B: Methodological, 2020, 139, 411-431.	5.9	139
3	A simple reservation and allocation model of shared parking lots. Transportation Research Part C: Emerging Technologies, 2016, 71, 303-312.	7.6	138
4	Optimizing matching time interval and matching radius in on-demand ride-sourcing markets. Transportation Research Part B: Methodological, 2020, 131, 84-105.	5.9	106
5	Hexagon-Based Convolutional Neural Network for Supply-Demand Forecasting of Ride-Sourcing Services. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 4160-4173.	8.0	100
6	Predicting origin-destination ride-sourcing demand with a spatio-temporal encoder-decoder residual multi-graph convolutional network. Transportation Research Part C: Emerging Technologies, 2021, 122, 102858.	7.6	85
7	Dynamic optimization strategies for on-demand ride services platform: Surge pricing, commission rate, and incentives. Transportation Research Part B: Methodological, 2020, 138, 23-45.	5.9	69
8	A universal distribution law of network detour ratios. Transportation Research Part C: Emerging Technologies, 2018, 96, 22-37.	7.6	64
9	Modelling drivers' working and recharging schedules in a ride-sourcing market with electric vehicles and gasoline vehicles. Transportation Research, Part E: Logistics and Transportation Review, 2019, 125, 160-180.	7.4	60
10	On ride-pooling and traffic congestion. Transportation Research Part B: Methodological, 2020, 142, 213-231.	5.9	58
11	Joint predictions of multi-modal ride-hailing demands: A deep multi-task multi-graph learning-based approach. Transportation Research Part C: Emerging Technologies, 2021, 127, 103063.	7.6	51
12	A mean-field Markov decision process model for spatial-temporal subsidies in ride-sourcing markets. Transportation Research Part B: Methodological, 2021, 150, 540-565.	5.9	42
13	Learning to Delay in Ride-Sourcing Systems: A Multi-Agent Deep Reinforcement Learning Framework. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 2280-2292.	5.7	41
14	Data-driven analysis on matching probability, routing distance and detour distance in ride-pooling services. Transportation Research Part C: Emerging Technologies, 2021, 124, 102922.	7.6	38
15	Competition and third-party platform-integration in ride-sourcing markets. Transportation Research Part B: Methodological, 2022, 159, 76-103.	5.9	36
16	Regulating ridesourcing services with product differentiation and congestion externality. Transportation Research Part C: Emerging Technologies, 2021, 127, 103088.	7.6	31
17	A Multi-Task Matrix Factorized Graph Neural Network for Co-Prediction of Zone-Based and OD-Based Ride-Hailing Demand. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 5704-5716.	8.0	22
18	Equilibrium analyses and operational designs of a coupled market with substitutive and complementary ride-sourcing services to public transits. Transportation Research, Part E: Logistics and Transportation Review, 2021, 148, 102236.	7.4	21

#	Article	IF	Citations
19	Pareto-efficient solutions and regulations of congested ride-sourcing markets with heterogeneous demand and supply. Transportation Research, Part E: Logistics and Transportation Review, 2021, 154, 102483.	7.4	21
20	Calibration and validation of matching functions for ride-sourcing markets. Communications in Transportation Research, 2022, 2, 100058.	10.7	15
21	Coordinating ride-sourcing and public transport services with a reinforcement learning approach. Transportation Research Part C: Emerging Technologies, 2022, 138, 103611.	7.6	13
22	The impact of shared mobility services on housing values near subway stations. Transportation Research, Part D: Transport and Environment, 2021, 101, 103097.	6.8	11
23	Optimizing Matching Time Interval and Matching Radius In On-Demand Matching of a Ride-Sourcing Market. SSRN Electronic Journal, 2019, , .	0.4	1