Xiang Zhang

List of Publications by Year
in descending order

14 papers	241 citations	1306789 7 h-index	1058022 14 g-index
14 all docs	14 docs citations	14 times ranked	201 citing authors

#	Article	IF	Citations
1	Capacity allocation and tolling-rewarding schemes for the morning commute with carpooling. Transportation Research Part C: Emerging Technologies, 2022, 142, 103789.	3.9	5
2	An integrated transport and economic equilibrium model for autonomous transportation systems considering parking behavior. Computer-Aided Civil and Infrastructure Engineering, 2021, 36, 902-921.	6.3	12
3	Rapidex: A Novel Tool to Estimate Origin–Destination Trips Using Pervasive Traffic Data. Sustainability, 2021, 13, 11171.	1.6	6
4	An ensemble machine learning–based modeling framework for analysis of traffic crash frequency. Computer-Aided Civil and Infrastructure Engineering, 2020, 35, 258-276.	6.3	36
5	Implications of link-based equity objectives on transportation network design problem. Transportation, 2019, 46, 1559-1589.	2.1	14
6	A network traffic assignment model for autonomous vehicles with parking choices. Computer-Aided Civil and Infrastructure Engineering, 2019, 34, 1100-1118.	6.3	41
7	Modelling and managing the integrated morning-evening commuting and parking patterns under the fully autonomous vehicle environment. Transportation Research Part B: Methodological, 2019, 128, 380-407.	2.8	60
8	Range-Constrained Traffic Assignment with Multi-Modal Recharge for Electric Vehicles. Networks and Spatial Economics, 2019, 19, 633-668.	0.7	13
9	Integrating uncertainty considerations into multi-objective transportation network design projects accounting for environment disruption. Transportation Letters, 2019, 11, 351-361.	1.8	9
10	Mixed-Vehicular Aggregated Transportation Network Design Considering En-route Recharge Service Provision for Electric Vehicles. Journal of Systems Science and Complexity, 2018, 31, 1329-1349.	1.6	5
11	Multitype Recharge Facility Location for Electric Vehicles. Computer-Aided Civil and Infrastructure Engineering, 2018, 33, 943-965.	6.3	28
12	LINK PERFORMANCE FUNCTIONS FOR HIGH OCCUPANCY VEHICLE LANES OF FREEWAYS. Transport, 2018, 33, 657-668.	0.6	2
13	BI-LEVEL PROGRAMMING MODEL AND ALGORITHMS FOR STOCHASTIC NETWORK WITH ELASTIC DEMAND. Transport, 2015, 30, 117-128.	0.6	6
14	Research on the Link Travel Time Model for High Occupancy Vehicle Lanes of Freeways. Procedia, Social and Behavioral Sciences, 2013, 96, 1728-1737.	0.5	4