Yadan Yan

List of Publications by Citations

21 papers	526 citations	8 h-index	22 g-index
24 ext. papers	629 ext. citations	4.1 avg, IF	4.27 L-index

#	Paper	IF	Citations
21	Bus stop-skipping scheme with random travel time. *Transportation Research Part C: Emerging Technologies*, **2013**, 35, 46-56	8.4	193
20	Robust optimization model of schedule design for a fixed bus route. *Transportation Research Part C: Emerging Technologies*, **2012**, 25, 113-121	8.4	88
19	Robust Optimization Model of Bus Transit Network Design with Stochastic Travel Time. *Journal of Transportation Engineering*, **2013**, 139, 625-634		77
18	Dynamic headway control for high-frequency bus line based on speed guidance and intersection signal adjustment. *Computer-Aided Civil and Infrastructure Engineering*, **2020**, 35, 4-25	8.4	63
17	Electric vehicles: A review of network modelling and future research needs. *Advances in Mechanical Engineering*, **2016**, 8, 168781401562798	1.2	35
16	Eco-driving control for connected and automated electric vehicles at signalized intersections with wireless charging. *Applied Energy*, **2021**, 282, 116215	10.7	12
15	Performance Evaluation of Bus Routes Using Automatic Vehicle Location Data. *Journal of Transportation Engineering*, **2016**, 142, 04016029		10
14	Time control point strategy coupled with transfer coordination in bus schedule design. *Journal of Advanced Transportation*, **2016**, 50, 1336-1351	1.9	8
13	Evaluating Route and Frequency Design of Bus Lines Based on Data Envelopment Analysis with Network Epsilon-Based Measures. *Journal of Advanced Transportation*, **2019**, 2019, 1-12	1.9	7
12	Will higher traffic flow lead to more traffic conflicts? A crash surrogate metric based analysis. *PLoS ONE*, **2017**, 12, e0182458	3.7	6
11	On the design and operational performance of waiting areas in at-grade signalized intersections: an overview. *Transportmetrica A: Transport Science*, **2018**, 14, 901-928	2.5	5
10	Optimising total entry delay at roundabouts with unbalanced flow: a dynamic strategy for smart metering. *IET Intelligent Transport Systems*, **2019**, 13, 485-494	2.4	4
9	Propensity Score Weighting with Generalized Boosted Models to Explore the Effects of the Built Environment and Residential Self-Selection on Travel Behavior. *Transportation Research Record*, **2019**, 2673, 373-383	1.7	4
8	Multi-Agent Fuzzy-Based Transit Signal Priority Control for Traffic Network Considering Conflicting Priority Requests. *IEEE Transactions on Intelligent Transportation Systems*, **2021**, 1-11	6.1	4
7	Stochastic Simulation on System Reliability and Component Probabilistic Importance of Road Network. *Mathematical Problems in Engineering*, **2015**, 2015, 1-5	1.1	3
6	Change in Commuters⬜Trip Characteristics Under Driving Restriction Policies. *Smart Innovation, Systems and Technologies*, **2019**, 183-192	0.5	2
5	Optimal route design of electric transit networks considering travel reliability. *Computer-Aided Civil and Infrastructure Engineering*, **2021**, 36, 1229-1248	8.4	2

LIST OF PUBLICATIONS

4	Dynamic Accessibility Analysis of Urban Road-to-Freeway Interchanges Based on Navigation Map Paths. *Sustainability*, **2021**, 13, 372	3.6	2
3	Speed planning for connected electric buses based on battery capacity loss. *Journal of Cleaner Production*, **2021**, 321, 129031	10.3	1
2	Development of Road Functional Classification in China: An Overview and Critical Remarks. *Smart Innovation, Systems and Technologies*, **2019**, 347-355	0.5	
1	Friendliness Analysis for Bike Trips on Urban Roads Using Logistic Regression Model. *Smart Innovation, Systems and Technologies*, **2019**, 175-182	0.5	