

# Yadan Yan

## List of Publications by Year in Descending Order

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

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	Optimal route design of electric transit networks considering travel reliability. <i>Computer-Aided Civil and Infrastructure Engineering</i> , <b>2021</b> , 36, 1229-1248	8.4	2
20	Eco-driving control for connected and automated electric vehicles at signalized intersections with wireless charging. <i>Applied Energy</i> , <b>2021</b> , 282, 116215	10.7	12
19	Multi-Agent Fuzzy-Based Transit Signal Priority Control for Traffic Network Considering Conflicting Priority Requests. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2021</b> , 1-11	6.1	4
18	Speed planning for connected electric buses based on battery capacity loss. <i>Journal of Cleaner Production</i> , <b>2021</b> , 321, 129031	10.3	1
17	Dynamic Accessibility Analysis of Urban Road-to-Freeway Interchanges Based on Navigation Map Paths. <i>Sustainability</i> , <b>2021</b> , 13, 372	3.6	2
16	Dynamic headway control for high-frequency bus line based on speed guidance and intersection signal adjustment. <i>Computer-Aided Civil and Infrastructure Engineering</i> , <b>2020</b> , 35, 4-25	8.4	63
15	Change in Commuters' Trip Characteristics Under Driving Restriction Policies. <i>Smart Innovation, Systems and Technologies</i> , <b>2019</b> , 183-192	0.5	2
14	Evaluating Route and Frequency Design of Bus Lines Based on Data Envelopment Analysis with Network Epsilon-Based Measures. <i>Journal of Advanced Transportation</i> , <b>2019</b> , 2019, 1-12	1.9	7
13	Optimising total entry delay at roundabouts with unbalanced flow: a dynamic strategy for smart metering. <i>IET Intelligent Transport Systems</i> , <b>2019</b> , 13, 485-494	2.4	4
12	Propensity Score Weighting with Generalized Boosted Models to Explore the Effects of the Built Environment and Residential Self-Selection on Travel Behavior. <i>Transportation Research Record</i> , <b>2019</b> , 2673, 373-383	1.7	4
11	Development of Road Functional Classification in China: An Overview and Critical Remarks. <i>Smart Innovation, Systems and Technologies</i> , <b>2019</b> , 347-355	0.5	
10	Friendliness Analysis for Bike Trips on Urban Roads Using Logistic Regression Model. <i>Smart Innovation, Systems and Technologies</i> , <b>2019</b> , 175-182	0.5	
9	On the design and operational performance of waiting areas in at-grade signalized intersections: an overview. <i>Transportmetrica A: Transport Science</i> , <b>2018</b> , 14, 901-928	2.5	5
8	Will higher traffic flow lead to more traffic conflicts? A crash surrogate metric based analysis. <i>PLoS ONE</i> , <b>2017</b> , 12, e0182458	3.7	6
7	Electric vehicles: A review of network modelling and future research needs. <i>Advances in Mechanical Engineering</i> , <b>2016</b> , 8, 168781401562798	1.2	35
6	Performance Evaluation of Bus Routes Using Automatic Vehicle Location Data. <i>Journal of Transportation Engineering</i> , <b>2016</b> , 142, 04016029		10
5	Time control point strategy coupled with transfer coordination in bus schedule design. <i>Journal of Advanced Transportation</i> , <b>2016</b> , 50, 1336-1351	1.9	8

4	Stochastic Simulation on System Reliability and Component Probabilistic Importance of Road Network. <i>Mathematical Problems in Engineering</i> , <b>2015</b> , 2015, 1-5	1.1	3
3	Bus stop-skipping scheme with random travel time. <i>Transportation Research Part C: Emerging Technologies</i> , <b>2013</b> , 35, 46-56	8.4	193
2	Robust Optimization Model of Bus Transit Network Design with Stochastic Travel Time. <i>Journal of Transportation Engineering</i> , <b>2013</b> , 139, 625-634		77
1	Robust optimization model of schedule design for a fixed bus route. <i>Transportation Research Part C: Emerging Technologies</i> , <b>2012</b> , 25, 113-121	8.4	88