

Yadan Yan

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

730
citations

933410

10
h-index

752679

20
g-index

24
all docs

24
docs citations

24
times ranked

584
citing authors

#	ARTICLE	IF	CITATIONS
1	Bus stop-skipping scheme with random travel time. <i>Transportation Research Part C: Emerging Technologies</i> , 2013, 35, 46-56.	7.6	245
2	Robust optimization model of schedule design for a fixed bus route. <i>Transportation Research Part C: Emerging Technologies</i> , 2012, 25, 113-121.	7.6	104
3	Robust Optimization Model of Bus Transit Network Design with Stochastic Travel Time. <i>Journal of Transportation Engineering</i> , 2013, 139, 625-634.	0.9	91
4	Dynamic headway control for high-frequency bus line based on speed guidance and intersection signal adjustment. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2020, 35, 4-25.	9.8	80
5	Electric vehicles: A review of network modelling and future research needs. <i>Advances in Mechanical Engineering</i> , 2016, 8, 168781401562798.	1.6	47
6	Eco-driving control for connected and automated electric vehicles at signalized intersections with wireless charging. <i>Applied Energy</i> , 2021, 282, 116215.	10.1	44
7	Performance Evaluation of Bus Routes Using Automatic Vehicle Location Data. <i>Journal of Transportation Engineering</i> , 2016, 142, .	0.9	16
8	Optimal route design of electric transit networks considering travel reliability. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2021, 36, 1229-1248.	9.8	14
9	Evaluating Route and Frequency Design of Bus Lines Based on Data Envelopment Analysis with Network Epsilon-Based Measures. <i>Journal of Advanced Transportation</i> , 2019, 2019, 1-12.	1.7	11
10	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> , 2019, 2673, 373-383.	1.9	11
11	Multi-Agent Fuzzy-Based Transit Signal Priority Control for Traffic Network Considering Conflicting Priority Requests. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022, 23, 1554-1564.	8.0	11
12	Will higher traffic flow lead to more traffic conflicts? A crash surrogate metric based analysis. <i>PLoS ONE</i> , 2017, 12, e0182458.	2.5	11
13	Speed planning for connected electric buses based on battery capacity loss. <i>Journal of Cleaner Production</i> , 2021, 321, 129031.	9.3	10
14	Time control point strategy coupled with transfer coordination in bus schedule design. <i>Journal of Advanced Transportation</i> , 2016, 50, 1336-1351.	1.7	8
15	On the design and operational performance of waiting areas in at-grade signalized intersections: an overview. <i>Transportmetrica A: Transport Science</i> , 2018, 14, 901-928.	2.0	7
16	Optimising total entry delay at roundabouts with unbalanced flow: a dynamic strategy for smart metering. <i>IET Intelligent Transport Systems</i> , 2019, 13, 485-494.	3.0	7
17	Dynamic Accessibility Analysis of Urban Road-to-Freeway Interchanges Based on Navigation Map Paths. <i>Sustainability</i> , 2021, 13, 372.	3.2	7
18	Stochastic Simulation on System Reliability and Component Probabilistic Importance of Road Network. <i>Mathematical Problems in Engineering</i> , 2015, 2015, 1-5.	1.1	3

#	ARTICLE	IF	CITATIONS
19	Development of Road Functional Classification in China: An Overview and Critical Remarks. Smart Innovation, Systems and Technologies, 2019, , 347-355.	0.6	1
20	Performance Evaluation of Bus Transit Routes Based on the BCC Model. , 2010, , .		0
21	Optimization Model of the Public Transit Network Based on Operational Reliability. , 2013, , .		0
22	Multi-Objective Optimization Model for Headway of Bus Transit in Rural Areas. , 2012, , .		0
23	Friendliness Analysis for Bike Trips on Urban Roads Using Logistic Regression Model. Smart Innovation, Systems and Technologies, 2019, , 175-182.	0.6	0