

Yiming Bie

List of Publications by Year in descending order

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34
papers

553
citations

759233

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34
all docs

34
docs citations

34
times ranked

398
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction model for bus inter-stop travel time considering the impacts of signalized intersections. <i>Transportmetrica A: Transport Science</i> , 2021, 17, 171-189.	2.0	4
2	Optimal Vehicle Performance Parameters Selection for Electric Bus Routes. <i>Smart Innovation, Systems and Technologies</i> , 2021, , 49-59.	0.6	0
3	Optimal Electric Bus Scheduling Based on the Combination of All-Stop and Short-Turning Strategies. <i>Sustainability</i> , 2021, 13, 1827.	3.2	28
4	Estimating Permitted Left-Turn Capacities with Nonstrict Priority Crossing Maneuvers. <i>Journal of Transportation Engineering Part A: Systems</i> , 2021, 147, .	1.4	3
5	Optimization of electric bus scheduling considering stochastic volatilities in trip travel time and energy consumption. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2021, 36, 1530-1548.	9.8	82
6	Impact of Ambient Temperature on Electric Bus Energy Consumption in Cold Regions: Case Study of Meihokou City, China. <i>Smart Innovation, Systems and Technologies</i> , 2021, , 95-103.	0.6	1
7	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
8	Bus Scheduling of Overlapping Routes With Multi-Vehicle Types Based on Passenger OD Data. <i>IEEE Access</i> , 2020, 8, 1406-1415.	4.2	11
9	Improving schedule adherence based on dynamic signal control and speed guidance in connected bus system. <i>Journal of Intelligent and Connected Vehicles</i> , 2020, 3, 79-88.	7.4	7
10	Impact of Carriage Crowding Level on Bus Dwell Time: Modelling and Analysis. <i>Journal of Advanced Transportation</i> , 2020, 2020, 1-11.	1.7	1
11	Mixed Scheduling Strategy for High Frequency Bus Routes With Common Stops. <i>IEEE Access</i> , 2020, 8, 34442-34454.	4.2	7
12	Integrating Bus Priority and Presignal Method at Signalized Intersection: Algorithm Development and Evaluation. <i>Journal of Transportation Engineering Part A: Systems</i> , 2020, 146, .	1.4	6
13	Estimation Method of Saturation Flow Rate for Shared Left-Turn Lane at the Signalized Intersection, Part I: Methodology. <i>Smart Innovation, Systems and Technologies</i> , 2019, , 39-47.	0.6	0
14	Estimation Method of Saturation Flow Rate for Shared Left-Turn Lane at Signalized Intersection, Part II: Case Study. <i>Smart Innovation, Systems and Technologies</i> , 2019, , 49-56.	0.6	0
15	Mixed-integer second-order cone programming model for bus route clustering problem. <i>Transportation Research Part C: Emerging Technologies</i> , 2019, 102, 351-369.	7.6	21
16	Joint Optimization for the Locations of Time Control Points and Corresponding Slack Times for a Bus Route. <i>KSCE Journal of Civil Engineering</i> , 2019, 23, 411-419.	1.9	13
17	Study on Macroscopical Layout Optimization Model of Large Passenger Transfer Hub Facilities Based on NSGA-II. <i>Smart Innovation, Systems and Technologies</i> , 2019, , 386-396.	0.6	0
18	Measure dynamic individual spatial-temporal accessibility by public transit: Integrating time-table and passenger departure time. <i>Journal of Transport Geography</i> , 2018, 66, 235-247.	5.0	11

#	ARTICLE	IF	CITATIONS
19	Automatic Estimation Method for Intersection Saturation Flow Rate Based on Video Detector Data. Journal of Advanced Transportation, 2018, 2018, 1-9.	1.7	13
20	Impacts of Winter Weather on Bus Travel Time in Cold Regions: Case Study of Harbin, China. Journal of Transportation Engineering Part A: Systems, 2018, 144, .	1.4	18
21	A real-time traffic control method for the intersection with pre-signals under the phase swap sorting strategy. PLoS ONE, 2017, 12, e0177637.	2.5	12
22	Performance Evaluation of Bus Routes Using Automatic Vehicle Location Data. Journal of Transportation Engineering, 2016, 142, .	0.9	16
23	Optimization of coordinated signal settings for hook-turn intersections. Journal of Advanced Transportation, 2016, 50, 197-213.	1.7	9
24	Research on Safety and Static-Dynamic Legibility of Distressed Pavement. Discrete Dynamics in Nature and Society, 2015, 2015, 1-7.	0.9	2
25	Modeling Unidirectional Pedestrian Movement: An Investigation of Diffusion Behavior in the Built Environment. Mathematical Problems in Engineering, 2015, 2015, 1-6.	1.1	2
26	A Traffic Signal Control Algorithm for an Oversaturated Isolated Intersection Based on Video Detection Data. , 2015, , .		0
27	Comparison of hook-turn scheme with U-turn scheme based on actuated traffic control algorithm. Transportmetrica A: Transport Science, 2015, 11, 484-501.	2.0	17
28	Time of day intervals partition for bus schedule using GPS data. Transportation Research Part C: Emerging Technologies, 2015, 60, 443-456.	7.6	63
29	A Transfer Optimization Method for Urban Passenger Hub based on Multiple Objectives. Recent Patents on Computer Science, 2014, 7, 110-118.	0.5	1
30	Identification of spillovers in urban street networks based on upstream fixed traffic data. KSCE Journal of Civil Engineering, 2014, 18, 1539-1547.	1.9	9
31	Development of a New Platoon Dispersion Model considering Turning Vehicles in Urban Road Environment. Advances in Mechanical Engineering, 2014, 6, 279570.	1.6	4
32	Calibration of Platoon Dispersion Parameter Considering the Impact of the Number of Lanes. Journal of Transportation Engineering, 2013, 139, 200-207.	0.9	37
33	Modelling correlation degree between two adjacent signalised intersections for dynamic subarea partition. IET Intelligent Transport Systems, 2013, 7, 28-35.	3.0	26
34	Prediction Model of Bus Arrival Time at Signalized Intersection Using GPS Data. Journal of Transportation Engineering, 2012, 138, 12-20.	0.9	49