

Hu Zhang

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.

16
papers

101
citations

7
h-index

9
g-index

17
ext. papers

131
ext. citations

1.8
avg, IF

2.98
L-index

#	Paper	IF	Citations
16	Advantages of bus stop skipping and holding control in reducing schedule deviation. <i>Proceedings of the Institution of Civil Engineers: Municipal Engineer</i> , 2021 , 174, 14-23	0.5	3
15	Influence of bus stop location on traffic flow. <i>Proceedings of the Institution of Civil Engineers: Municipal Engineer</i> , 2021 , 174, 24-31	0.5	3
14	A Prediction Model for Bus Arrival Time at Bus Stop Considering Signal Control and Surrounding Traffic Flow. <i>IEEE Access</i> , 2020 , 8, 127672-127681	3.5	4
13	Sensitivity Analysis of Fleet Size for Dynamic Headway-Based Control Method Performance in terms of Passengers Experience. <i>Journal of Advanced Transportation</i> , 2020 , 2020, 1-16	1.9	4
12	Reliability Optimization Model of Stop-Skipping Bus Operation with Capacity Constraints. <i>Journal of Advanced Transportation</i> , 2020 , 2020, 1-11	1.9	4
11	Pre-Control Strategies for Downstream Bus Service Reliability With Traffic Signal. <i>IEEE Access</i> , 2020 , 8, 148853-148864	3.5	3
10	Coordinated Headway-Based Control Method to Improve Public Transit Reliability considering Control Points Layout. <i>Journal of Advanced Transportation</i> , 2020 , 2020, 1-16	1.9	1
9	Short-Term Passenger Flow Prediction in Urban Public Transport: Kalman Filtering Combined K-Nearest Neighbor Approach. <i>IEEE Access</i> , 2019 , 7, 120937-120949	3.5	8
8	Coordinated control method to self-equalize bus headways: an analytical method. <i>Transportmetrica B</i> , 2019 , 7, 1175-1202	1.8	11
7	The impact of bus fleet size on performance of self-equalise bus headway control method. <i>Proceedings of the Institution of Civil Engineers: Municipal Engineer</i> , 2019 , 172, 246-256	0.5	4
6	Design of Short-Turning Service for a Bus Route with Hybrid Vehicle Type. <i>Symmetry</i> , 2019 , 11, 1140	2.7	1
5	Design of limited-stop service based on the degree of unbalance of passenger demand. <i>PLoS ONE</i> , 2018 , 13, e0193855	3.7	8
4	Real-Time Integrated Limited-Stop and Short-Turning Bus Control with Stochastic Travel Time. <i>Journal of Advanced Transportation</i> , 2017 , 2017, 1-9	1.9	14
3	A Dynamic Short-Turning Bus Control for Uncertain Demand. <i>Journal of Advanced Transportation</i> , 2017 , 2017, 1-9	1.9	16
2	Optimising the design of a limited-stop bus service for a branching network. <i>Proceedings of the Institution of Civil Engineers: Municipal Engineer</i> , 2017 , 170, 230-238	0.5	7
1	Design of Integrated Limited-Stop and Short-Turn Services for a Bus Route. <i>Mathematical Problems in Engineering</i> , 2016 , 2016, 1-9	1.1	10