

# Xumei Chen

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

362  
citations

1163117

8  
h-index

839539

18  
g-index

19  
all docs

19  
docs citations

19  
times ranked

429  
citing authors

#	ARTICLE	IF	CITATIONS
1	A methodology for measuring the environmental effect of autonomous bus considering platooning. Transportation Research, Part D: Transport and Environment, 2022, 107, 103300.	6.8	5
2	Evaluating the Emission and Energy Impacts of Automated Buses on Urban Expressways. Transportation Research Record, 2020, 2674, 515-529.	1.9	3
3	Arterial Offset Optimization Considering the Delay and Emission of Platoon: A Case Study in Beijing. Sustainability, 2019, 11, 3882.	3.2	8
4	Capacity Modeling of Weaving Areas on Urban Expressways with Exclusive Bus Lanes Based on Gap Acceptance Theory. Transportation Research Record, 2019, 2673, 365-376.	1.9	2
5	Comparing Chinese and Non-Chinese Bus Rapid Transit Systems: Evidence from Evaluating Global Systems on the Basis of Bus Rapid Transit Design Indicators. Transportation Research Record, 2017, 2647, 118-126.	1.9	1
6	Does Operation Scheduling Make a Difference: Tapping the Potential of Optimized Design for Skipping-Stop Strategy in Reducing Bus Emissions. Sustainability, 2017, 9, 1737.	3.2	8
7	Capacity Modeling for Weaving, Merge, and Diverge Sections with Median Exclusive Bus Lanes on an Urban Expressway: Microsimulation Approach. Transportation Research Record, 2016, 2553, 99-107.	1.9	6
8	An application-oriented model of passenger waiting time based on bus departure time intervals. Transportation Planning and Technology, 2016, 39, 424-437.	2.0	14
9	Emissions Analysis for a Transit Corridor Under Different Improvement Strategies. Transportation Research Record, 2016, 2570, 69-76.	1.9	3
10	Optimization of headways with stop-skipping control: a case study of bus rapid transit system. Journal of Advanced Transportation, 2015, 49, 385-401.	1.7	44
11	Analytical Procedures for Estimating the Capacity of the Urban Expressway Section near Off-Ramps and On-Ramps with a Median Exclusive Bus Lane. Journal of Transportation Engineering, 2014, 140, 04013018.	0.9	6
12	Development of City-Specific Driving Cycles for Transit Buses Based on VSP Distributions: Case of Beijing. Journal of Transportation Engineering, 2013, 139, 749-757.	0.9	55
13	Comparative Study of Emissions from Bus Rapid Transit and Conventional Bus Systems. Transportation Research Record, 2012, 2277, 11-20.	1.9	5
14	Modelling waiting time for passengers transferring from rail to buses. Transportation Planning and Technology, 2011, 34, 795-809.	2.0	23
15	Microscopic Traffic Simulation Approach to the Capacity Impact Analysis of Weaving Sections for the Exclusive Bus Lanes on an Urban Expressway. Journal of Transportation Engineering, 2010, 136, 895-902.	0.9	28
16	Micro-simulation study of the effect of median bus lanes with midblock stop on capacity of urban signalized intersection. , 2010, , .		3
17	Analyzing urban bus service reliability at the stop, route, and network levels. Transportation Research, Part A: Policy and Practice, 2009, 43, 722-734.	4.2	108
18	Microscopic Simulation Approach to Effectiveness Analysis of Transit Signal Priority for Bus Rapid Transit. Transportation Research Record, 2008, 2072, 64-76.	1.9	15

#	ARTICLE	IF	CITATIONS
19	Calibration of Vissim for Bus Rapid Transit Systems in Beijing Using GPS Data. Journal of Public Transportation, 2006, 9, 239-257.	1.2	25