

# Qixiu Cheng

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1807710/publications.pdf>

Version: 2024-02-01

26  
papers

600  
citations

759233

12  
h-index

677142

22  
g-index

26  
all docs

26  
docs citations

26  
times ranked

372  
citing authors

#	ARTICLE	IF	CITATIONS
1	Congestion pricing practices and public acceptance: A review of evidence. Case Studies on Transport Policy, 2018, 6, 94-101.	2.5	102
2	Robust optimization of distance-based tolls in a network considering stochastic day to day dynamics. Transportation Research Part C: Emerging Technologies, 2017, 79, 58-72.	7.6	76
3	A tailored machine learning approach for urban transport network flow estimation. Transportation Research Part C: Emerging Technologies, 2019, 108, 130-150.	7.6	61
4	An s-shaped three-parameter (S3) traffic stream model with consistent car following relationship. Transportation Research Part B: Methodological, 2021, 153, 246-271.	5.9	50
5	Surrogate-based simulation optimization approach for day-to-day dynamics model calibration with real data. Transportation Research Part C: Emerging Technologies, 2019, 105, 422-438.	7.6	42
6	Estimating key traffic state parameters through parsimonious spatial queue models. Transportation Research Part C: Emerging Technologies, 2022, 137, 103596.	7.6	40
7	Influencing Factors in Congestion Pricing Acceptability: A Literature Review. Journal of Advanced Transportation, 2020, 2020, 1-11.	1.7	37
8	A cell-based dynamic congestion pricing scheme considering travel distance and time delay. Transportmetrica B, 2019, 7, 1286-1304.	2.3	32
9	Traffic state estimation of urban road networks by multi-source data fusion: Review and new insights. Physica A: Statistical Mechanics and Its Applications, 2022, 595, 127079.	2.6	28
10	Estimation of urban network capacity with second-best constraints for multimodal transport systems. Transportation Research Part B: Methodological, 2021, 152, 276-294.	5.9	22
11	A bi-level programming model for the optimal lane reservation problem. Expert Systems With Applications, 2022, 189, 116147.	7.6	22
12	A meso-to-macro cross-resolution performance approach for connecting polynomial arrival queue model to volume-delay function with inflow demand-to-capacity ratio. , 2022, 1, 100017.		17
13	Analysis of adding-runs strategy for peak-hour regular bus services. Transportation Research, Part E: Logistics and Transportation Review, 2020, 143, 102100.	7.4	15
14	Urban dynamic congestion pricing: an overview and emerging research needs. International Journal of Urban Sciences, 2017, 21, 3-18.	2.8	13
15	Customized Bus Route Optimization with the Real-Time Data. Journal of Advanced Transportation, 2020, 2020, 1-9.	1.7	9
16	Analysis of the Information Entropy on Traffic Flows. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 18012-18023.	8.0	9
17	A cordon-based reservation system for urban traffic management. Physica A: Statistical Mechanics and Its Applications, 2021, 582, 126276.	2.6	6
18	Impact of Battery Size and Energy Cost on the Market Acceptance of Blended Plug-in Hybrid Electric Vehicles. Procedia Computer Science, 2018, 131, 377-386.	2.0	5

#	ARTICLE	IF	CITATIONS
19	Urban Rail Transit Demand Analysis and Prediction: A Review of Recent Studies. <i>Smart Innovation, Systems and Technologies</i> , 2019, , 300-309.	0.6	4
20	Nonlinear Distance-Based Dynamic Pricing Considering Congestion-Level Correction. <i>International Journal of Transportation</i> , 2018, 6, 1-8.	0.4	3
21	Optimal Congestion Pricing with Day-to-Day Evolutionary Flow Dynamics: A Mean-Variance Optimization Approach. <i>Sustainability</i> , 2021, 13, 4931.	3.2	3
22	Distance-Based Congestion Pricing with Day-to-Day Dynamic Traffic Flow Evolution Process. <i>Discrete Dynamics in Nature and Society</i> , 2019, 2019, 1-7.	0.9	2
23	Extracting the Complete Travel Trajectory of Subway Passengers Based on Mobile Phone Data. <i>Journal of Advanced Transportation</i> , 2022, 2022, 1-10.	1.7	1
24	Weibull Distribution-Based Neural Network for Stochastic Capacity Estimation. <i>Journal of Transportation Engineering Part A: Systems</i> , 2022, 148, .	1.4	1
25	Link Criticality Analysis Based on Reliable Shortest Path in Network with Correlated Link Travel Times. , 2018, , .		0
26	A Lagrangian-Based Approach for Reliable User Equilibrium Considering Link Travel Time Variance. , 2018, , .		0