

Yu Jiang

List of Publications by Citations

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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.

29
papers

857
citations

15
h-index

29
g-index

34
ext. papers

1,036
ext. citations

5.3
avg, IF

4.94
L-index

#	Paper	IF	Citations
29	Transit route and frequency design: Bi-level modeling and hybrid artificial bee colony algorithm approach. <i>Transportation Research Part B: Methodological</i> , 2014 , 67, 235-263	7.2	130
28	A Sustainable Road Network Design Problem with Land Use Transportation Interaction over Time. <i>Networks and Spatial Economics</i> , 2015 , 15, 791-822	1.9	93
27	Robust Optimization Model of Bus Transit Network Design with Stochastic Travel Time. <i>Journal of Transportation Engineering</i> , 2013 , 139, 625-634		77
26	A Cell-Based Model for Multi-class Doubly Stochastic Dynamic Traffic Assignment. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2011 , 26, 595-611	8.4	72
25	Reliability-Based Transit Assignment for Congested Stochastic Transit Networks. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2011 , 26, 311-326	8.4	68
24	Reliability-based stochastic transit assignment with capacity constraints: Formulation and solution method. <i>Transportation Research Part C: Emerging Technologies</i> , 2013 , 35, 286-304	8.4	51
23	A new schedule-based transit assignment model with travel strategies and supply uncertainties. <i>Transportation Research Part B: Methodological</i> , 2014 , 67, 35-67	7.2	50
22	Transit assignment: Approach-based formulation, extragradient method, and paradox. <i>Transportation Research Part B: Methodological</i> , 2014 , 62, 51-76	7.2	44
21	Hybrid Artificial Bee Colony Algorithm for Transit Network Design. <i>Transportation Research Record</i> , 2012 , 2284, 47-56	1.7	39
20	Time-dependent transportation network design that considers health cost. <i>Transportmetrica A: Transport Science</i> , 2015 , 11, 74-101	2.5	33
19	Reliability-based stochastic transit assignment: Formulations and capacity paradox. <i>Transportation Research Part B: Methodological</i> , 2016 , 93, 181-206	7.2	33
18	Risk-averse optimization of disaster relief facility location and vehicle routing under stochastic demand. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2020 , 141, 102015	9	24
17	Multi-class dynamic traffic assignment with physical queues: intersection-movement-based formulation and paradox. <i>Transportmetrica A: Transport Science</i> , 2016 , 12, 878-908	2.5	22
16	Route guidance ranking procedures with human perception consideration for personalized public transport service. <i>Transportation Research Part C: Emerging Technologies</i> , 2020 , 118, 102667	8.4	20
15	A Bi-objective efficiency-fairness model for scheduling slots at congested airports. <i>Transportation Research Part C: Emerging Technologies</i> , 2019 , 102, 336-350	8.4	17
14	Transit Network Design: a Hybrid Enhanced Artificial Bee Colony Approach and a Case Study. <i>International Journal of Transportation Science and Technology</i> , 2013 , 2, 243-260	3.3	14
13	Modeling and optimizing a fare incentive strategy to manage queuing and crowding in mass transit systems. <i>Transportation Research Part B: Methodological</i> , 2020 , 138, 247-267	7.2	13

12	On the quality requirements of demand prediction for dynamic public transport. <i>Communications in Transportation Research</i> , 2021 , 1, 100008		12
11	Identifying the combined effect of shared autonomous vehicles and congestion pricing on regional job accessibility. <i>Journal of Transport and Land Use</i> , 2020 , 13, 273-297	3.1	9
10	Incorporating personalization and bounded rationality into stochastic transit assignment model. <i>Transportation Research Part C: Emerging Technologies</i> , 2021 , 127, 103127	8.4	9
9	A decision making framework for incorporating fairness in allocating slots at capacity-constrained airports. <i>Transportation Research Part C: Emerging Technologies</i> , 2021 , 126, 103039	8.4	5
8	Probabilistic assessment of transport network vulnerability with equilibrium flows. <i>International Journal of Sustainable Transportation</i> , 2021 , 15, 512-523	3.6	5
7	Joint optimisation of transfer location and capacity for a capacitated multimodal transport network with elastic demand: a bi-level programming model and paradoxes. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2021 , 156, 102540	9	4
6	Preserving Uncertainty in Demand Prediction for Autonomous Mobility Services 2019 ,		4
5	Personalized public transport mobility service: a journey ranking approach for route guidance. <i>Transportation Research Procedia</i> , 2019 , 38, 935-955	2.4	3
4	Lexicographic multi-objective road pricing optimization considering land use and transportation effects. <i>European Journal of Operational Research</i> , 2021 , 298, 496-496	5.6	3
3	Reliability-based equitable transit frequency design. <i>Transportmetrica A: Transport Science</i> , 1-31	2.5	1
2	Path-oriented synchronized transit scheduling using time-dependent data. <i>Transportation Research Part C: Emerging Technologies</i> , 2022 , 136, 103505	8.4	0
1	Managing network congestion with a trip- and area-based tradable credit scheme. <i>Transportmetrica B</i> , 1-29	1.8	0