

Yang Liu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1743339/publications.pdf>

Version: 2024-02-01

74
papers

2,375
citations

185998

28
h-index

233125

45
g-index

76
all docs

76
docs citations

76
times ranked

1121
citing authors

#	ARTICLE	IF	CITATIONS
1	Joint optimisation of park-and-ride facility locations and alternate traffic restriction scheme under equilibrium flows. <i>Transportmetrica A: Transport Science</i> , 2023, 19, .	1.3	2
2	The short-run and long-run equilibria for commuting with autonomous vehicles. <i>Transportmetrica B</i> , 2022, 10, 803-830.	1.4	6
3	Graph Neural Network for Robust Public Transit Demand Prediction. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022, 23, 4086-4098.	4.7	8
4	Passenger shuttle service network design in an airport. <i>Transportmetrica B</i> , 2022, 10, 1099-1125.	1.4	3
5	A game theoretical analysis of metro-integrated city logistics systems. <i>Transportation Research Part B: Methodological</i> , 2022, 156, 14-27.	2.8	23
6	Autonomous intersection management with pedestrians crossing. <i>Transportation Research Part C: Emerging Technologies</i> , 2022, 135, 103521.	3.9	12
7	Autonomous Intersection Management for Connected and Automated Vehicles: A Lane-Based Method. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022, 23, 15091-15106.	4.7	7
8	Unlock the Sharing Economy: The Case of the Parking Sector for Recurrent Commuting Trips. <i>Transportation Science</i> , 2022, 56, 338-357.	2.6	9
9	Optimal pricing and seat allocation schemes in passenger railway systems. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2022, 157, 102580.	3.7	19
10	On the Morning Commute Problem in a Y-shaped Network with Individual and Household Travelers. <i>Transportation Science</i> , 2022, 56, 848-876.	2.6	4
11	Dynamic pricing and penalty strategies in a coupled market with ridesourcing service and taxi considering time-dependent order cancellation behaviour. <i>Transportation Research Part C: Emerging Technologies</i> , 2022, 138, 103621.	3.9	10
12	A joint optimisation model for charger locating and electric bus charging scheduling considering opportunity fast charging and uncertainties. <i>Transportation Research Part C: Emerging Technologies</i> , 2022, 141, 103732.	3.9	33
13	Single-leader multi-follower games for the regulation of two-sided mobility-as-a-service markets. <i>European Journal of Operational Research</i> , 2022, , .	3.5	5
14	Two-sided pricing strategies for a parking sharing platform: Reselling or commissioning?. <i>Transportation Research Part B: Methodological</i> , 2022, 163, 40-63.	2.8	2
15	Capacity allocation and tolling-rewarding schemes for the morning commute with carpooling. <i>Transportation Research Part C: Emerging Technologies</i> , 2022, 142, 103789.	3.9	5
16	Integrated analysis for Transportation Systems in the Connected Era. <i>Transportmetrica A: Transport Science</i> , 2021, 17, 169-170.	1.3	0
17	Quantifying service-reliability-based day-to-day evolution of travel choices in public transit systems with smart transit card data. <i>Transportmetrica B</i> , 2021, 9, 519-551.	1.4	1
18	Urban mobility analytics: A deep spatial-temporal product neural network for traveler attributes inference. <i>Transportation Research Part C: Emerging Technologies</i> , 2021, 124, 102921.	3.9	16

#	ARTICLE	IF	CITATIONS
19	A New Flexible Parking Reservation Scheme for the Morning Commute under Limited Parking Supplies. Networks and Spatial Economics, 2021, 21, 513-545.	0.7	17
20	A double time-scale passenger assignment model for high-speed railway networks with continuum capacity approximation. Transportation Research, Part E: Logistics and Transportation Review, 2021, 150, 102305.	3.7	8
21	A convex programming approach for ridesharing user equilibrium under fixed driver/rider demand. Transportation Research Part B: Methodological, 2021, 149, 33-51.	2.8	13
22	Modeling and managing the joint equilibrium of destination and parking choices under hybrid supply of curbside and shared parking. Transportation Research Part C: Emerging Technologies, 2021, 130, 103301.	3.9	14
23	A multi-task memory network with knowledge adaptation for multimodal demand forecasting. Transportation Research Part C: Emerging Technologies, 2021, 131, 103352.	3.9	14
24	An economic analysis of integrating bike sharing service with metro systems. Transportation Research, Part D: Transport and Environment, 2021, 99, 103008.	3.2	13
25	Customer behavioural modelling of order cancellation in coupled ride-sourcing and taxi markets. Transportation Research Part B: Methodological, 2020, 132, 358-378.	2.8	48
26	Learning and managing stochastic network traffic dynamics with an aggregate traffic representation. Transportation Research Part B: Methodological, 2020, 137, 19-46.	2.8	12
27	Responsive bus dispatching strategy in a multi-modal and multi-directional transportation system: A doubly dynamical approach. Transportation Research Part C: Emerging Technologies, 2020, 113, 21-37.	3.9	14
28	The geography of human activity and land use: A big data approach. Cities, 2020, 97, 102523.	2.7	30
29	On the joint impact of high-speed rail and megalopolis policy on regional economic growth in China. Transport Policy, 2020, 99, 20-30.	3.4	38
30	The effects of high-speed rail development on regional equity in China. Transportation Research, Part A: Policy and Practice, 2020, 141, 180-202.	2.0	29
31	Macroscopic parking dynamics modeling and optimal real-time pricing considering cruising-for-parking. Transportation Research Part C: Emerging Technologies, 2020, 118, 102714.	3.9	45
32	Knowledge-guided Deep Reinforcement Learning for Interactive Recommendation. , 2020, , .		19
33	On integrating carsharing and parking sharing services. Transportation Research Part B: Methodological, 2020, 142, 19-44.	2.8	34
34	Roles of accessibility, connectivity and spatial interdependence in realizing the economic impact of high-speed rail: Evidence from China. Transport Policy, 2020, 91, 1-15.	3.4	88
35	Modeling and managing ridesharing in a multi-modal network with an aggregate traffic representation: A doubly dynamical approach. Transportation Research Part C: Emerging Technologies, 2020, 117, 102670.	3.9	29
36	Parking sharing problem with spatially distributed parking supplies. Transportation Research Part C: Emerging Technologies, 2020, 117, 102676.	3.9	38

#	ARTICLE	IF	CITATIONS
37	Modelling the traffic in a mixed network with autonomous-driving expressways and non-autonomous local streets. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2020, 134, 101855.	3.7	28
38	Mobility Irregularity Detection with Smart Transit Card Data. <i>Lecture Notes in Computer Science</i> , 2020, , 541-552.	1.0	0
39	Knowledge Adaption for Demand Prediction based on Multi-task Memory Neural Network. , 2020, , .		12
40	An integrated approach for optimizing left-turn forbiddance decisions at multiple intersections. <i>Transportmetrica B</i> , 2019, 7, 1481-1504.	1.4	8
41	A network traffic assignment model for autonomous vehicles with parking choices. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2019, 34, 1100-1118.	6.3	41
42	Day-to-day evolution of departure time choice in stochastic capacity bottleneck models with bounded rationality and various information perceptions. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2019, 131, 168-192.	3.7	30
43	Responsive bus dispatching strategy in a multi-modal and multi-directional transportation system: a doubly dynamical approach. <i>Transportation Research Procedia</i> , 2019, 38, 119-138.	0.8	2
44	Customer behavioural modelling of order cancellation in coupled ride-sourcing and taxi markets. <i>Transportation Research Procedia</i> , 2019, 38, 853-873.	0.8	43
45	Modelling and managing the integrated morning-evening commuting and parking patterns under the fully autonomous vehicle environment. <i>Transportation Research Part B: Methodological</i> , 2019, 128, 380-407.	2.8	60
46	Spatio-Temporal Graph Convolutional and Recurrent Networks for Citywide Passenger Demand Prediction. , 2019, , .		33
47	Passenger Demographic Attributes Prediction for Human-Centered Public Transport. <i>Communications in Computer and Information Science</i> , 2019, , 486-494.	0.4	4
48	Traffic dynamics in a bi-modal transportation network with information provision and adaptive transit services. <i>Transportation Research Part C: Emerging Technologies</i> , 2018, 91, 77-98.	3.9	33
49	Roads in transition: Integrated modeling of a manufacturer-traveler-infrastructure system in a mixed autonomous/human driving environment. <i>Transportation Research Part C: Emerging Technologies</i> , 2018, 90, 307-333.	3.9	45
50	Departure time and route choices in bottleneck equilibrium under risk and ambiguity. <i>Transportation Research Part B: Methodological</i> , 2018, 117, 774-793.	2.8	24
51	Itinerary choice and advance ticket booking for high-speed-railway network services. <i>Transportation Research Part C: Emerging Technologies</i> , 2018, 95, 82-104.	3.9	35
52	A reliability-based assignment method for railway networks with heterogeneous passengers. <i>Transportation Research Part C: Emerging Technologies</i> , 2018, 93, 501-524.	3.9	20
53	An equilibrium analysis of commuter parking in the era of autonomous vehicles. <i>Transportation Research Part C: Emerging Technologies</i> , 2018, 92, 191-207.	3.9	93
54	Deployment of stationary and dynamic charging infrastructure for electric vehicles along traffic corridors. <i>Transportation Research Part C: Emerging Technologies</i> , 2017, 77, 185-206.	3.9	153

#	ARTICLE	IF	CITATIONS
55	A new look at the morning commute with household shared-ride: How does school location play a role?. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2017, 103, 198-217.	3.7	21
56	Doubly dynamics for multi-modal networks with park-and-ride and adaptive pricing. <i>Transportation Research Part B: Methodological</i> , 2017, 102, 162-179.	2.8	56
57	Pricing scheme design of ridesharing program in morning commute problem. <i>Transportation Research Part C: Emerging Technologies</i> , 2017, 79, 156-177.	3.9	102
58	Modeling and managing morning commute with both household and individual travels. <i>Transportation Research Part B: Methodological</i> , 2017, 103, 227-247.	2.8	26
59	Interactive travel choices and traffic forecast in a doubly dynamical system with user inertia and information provision. <i>Transportation Research Part C: Emerging Technologies</i> , 2017, 85, 711-731.	3.9	48
60	Modeling the morning commute for urban networks with cruising-for-parking: An MFD approach. <i>Transportation Research Part B: Methodological</i> , 2016, 93, 470-494.	2.8	97
61	Managing morning commute with parking space constraints in the case of a bi-modal many-to-one network. <i>Transportmetrica A: Transport Science</i> , 2016, 12, 116-141.	1.3	19
62	Effectiveness of variable speed limits considering commuters's long-term response. <i>Transportation Research Part B: Methodological</i> , 2015, 81, 498-519.	2.8	29
63	Efficiency of a highway use reservation system for morning commute. <i>Transportation Research Part C: Emerging Technologies</i> , 2015, 56, 293-308.	3.9	58
64	A semi-analytical approach for solving the bottleneck model with general user heterogeneity. <i>Transportation Research Part B: Methodological</i> , 2015, 71, 56-70.	2.8	59
65	Traffic rationing and pricing in a linear monocentric city. <i>Journal of Advanced Transportation</i> , 2014, 48, 655-672.	0.9	31
66	The Downs-Thomson Paradox with responsive transit service. <i>Transportation Research, Part A: Policy and Practice</i> , 2014, 70, 244-263.	2.0	19
67	Trial and error method for optimal tradable credit schemes: The network case. <i>Journal of Advanced Transportation</i> , 2014, 48, 685-700.	0.9	24
68	Expirable parking reservations for managing morning commute with parking space constraints. <i>Transportation Research Part C: Emerging Technologies</i> , 2014, 44, 185-201.	3.9	131
69	A novel permit scheme for managing parking competition and bottleneck congestion. <i>Transportation Research Part C: Emerging Technologies</i> , 2014, 44, 265-281.	3.9	80
70	On the morning commute problem with bottleneck congestion and parking space constraints. <i>Transportation Research Part B: Methodological</i> , 2013, 58, 106-118.	2.8	150
71	Morning commute problem considering route choice, user heterogeneity and alternative system optima. <i>Transportation Research Part B: Methodological</i> , 2011, 45, 619-642.	2.8	61
72	Existence of self-financing and Pareto-improving congestion pricing: Impact of value of time distribution. <i>Transportation Research, Part A: Policy and Practice</i> , 2010, 44, 39-51.	2.0	31

#	ARTICLE	IF	CITATIONS
73	On the morning commute problem in a Y-shaped network with individual and household travelers. SSRN Electronic Journal, 0, , .	0.4	0
74	Offline-Online Approximate Dynamic Programming for Stochastic Carsharing Systems with Relocation Incentives. SSRN Electronic Journal, 0, , .	0.4	0