Chengxi Liu

List of Publications by Year
in descending order

42 papers	1,028 citations	471371 17 h-index	434063 31 g-index
42 all docs	42 docs citations	42 times ranked	901 citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic Vulnerability Analysis of Public Transport Networks: Mitigation Effects of Real-Time Information. Networks and Spatial Economics, 2014, 14, 435-463.	0.7	127
2	Travel satisfaction with public transport: Determinants, user classes, regional disparities and their evolution. Transportation Research, Part A: Policy and Practice, 2017, 95, 64-84.	2.0	114
3	The influence of weather characteristics variability on individual's travel mode choice in different seasons and regions in Sweden. Transport Policy, 2015, 41, 147-158.	3.4	100
4	Assessing the impacts of collection-delivery points to individual's activity-travel patterns: A greener last mile alternative?. Transportation Research, Part E: Logistics and Transportation Review, 2019, 121, 84-99.	3.7	63
5	Weather variability and travel behaviour – what we know and what we do not know. Transport Reviews, 2017, 37, 715-741.	4.7	49
6	Weather and daily mobility in international perspective: A cross-comparison of Dutch, Norwegian and Swedish city regions. Transportation Research, Part D: Transport and Environment, 2019, 77, 491-505.	3.2	48
7	A Multi-Dimensional Holomorphic Embedding Method to Solve AC Power Flows. IEEE Access, 2017, 5, 25270-25285.	2.6	47
8	Examining the impact of weather variability on non-commuters' daily activity–travel patterns in different regions of Sweden. Journal of Transport Geography, 2014, 39, 36-48.	2.3	41
9	Probabilistic Power Flow Analysis Using Multidimensional Holomorphic Embedding and Generalized Cumulants. IEEE Transactions on Power Systems, 2018, 33, 7132-7142.	4.6	35
10	Investigating the impacts of weather variability on individual's daily activity–travel patterns: A comparison between commuters and non-commuters in Sweden. Transportation Research, Part A: Policy and Practice, 2015, 82, 47-64.	2.0	34
11	The changes of activity-travel participation across gender, life-cycle, and generations in Sweden over 30 years. Transportation, 2019, 46, 793-818.	2.1	34
12	The influence of parents' travel patterns, perceptions and residential self-selectivity to their children travel mode shares. Transportation, 2016, 43, 357-378.	2.1	32
13	Evolution of Satisfaction with Public Transport and Its Determinants in Sweden. Transportation Research Record, 2015, 2538, 86-95.	1.0	31
14	Measuring the impacts of weather variability on home-based trip chaining behaviour: a focus on spatial heterogeneity. Transportation, 2016, 43, 843-867.	2.1	28
15	Determinants of traveler satisfaction: Evidence for non-linear and asymmetric effects. Transportation Research Part F: Traffic Psychology and Behaviour, 2019, 66, 339-356.	1.8	25
16	Risk analysis and management of submerged floating tunnel and its application. Procedia Engineering, 2010, 4, 107-116.	1.2	23
17	Estimating changes in transport CO_2 emissions due to changes in weather and climate in Sweden. Transportation Research, Part D: Transport and Environment, 2016, 49, 172-187.	3.2	23
18	Investigating intra-household interactions between individuals' time and space constraints. Journal of Transport Geography, 2018, 73, 108-119.	2.3	17

#	Article	IF	Citations
19	The effect of residential housing policy on car ownership and trip chaining behaviour in Hangzhou, China. Transportation Research, Part D: Transport and Environment, 2018, 62, 125-138.	3.2	15
20	Remote Voltage Control Using the Holomorphic Embedding Load Flow Method. IEEE Transactions on Smart Grid, 2019, 10, 6308-6319.	6.2	14
21	Risk analysis and assessment of public safety of Submerged Floating Tunnel. Procedia Engineering, 2010, 4, 117-125.	1.2	13
22	Service Evaluation of Public Bicycle Scheme from a User Perspective: A Case Study in Hangzhou, China. Transportation Research Record, 2017, 2634, 28-34.	1.0	13
23	The Implication of Road Toll Discount for Mode Choice: Intercity Travel during the Chinese Spring Festival Holiday. Sustainability, 2018, 10, 2700.	1.6	12
24	Jointly modelling individual's daily activity-travel time use and mode share by a nested multivariate Tobit model system. Transportmetrica A: Transport Science, 2017, 13, 491-518.	1.3	10
25	Examining the relationships between individual's time use and activity participations with their health indicators. European Transport Research Review, 2017, 9, .	2.3	9
26	What is the role of weather, built-environment and accessibility geographical characteristics in influencing travelers' experience?. Transportation Research, Part A: Policy and Practice, 2019, 122, 34-50.	2.0	9
27	Understanding seasonal variation in individual's activity participation and trip generation by using four consecutive two-week travel diary. Travel Behaviour & Society, 2018, 12, 52-63.	2.4	8
28	Measurement-Based Voltage Stability Assessment Considering Generator VAR Limits. IEEE Transactions on Smart Grid, 2020, 11, 301-311.	6.2	8
29	Cracking Mechanism and Simplified Design Method for Bottom Flange in Prestressed Concrete Box Girder Bridge. Journal of Bridge Engineering, 2011, 16, 267-274.	1.4	6
30	Crowdfunding preferences for a sustainable milk product with integrated photovoltaic water pumping system in China. Applied Energy, 2019, 255, 113694.	5.1	6
31	Development of a large-scale transport model with focus on cycling. Transportation Research, Part A: Policy and Practice, 2020, 134, 164-183.	2.0	6
32	Formulation and Visualization of Bus Voltage-Var Safety Regions for a Power System. IEEE Transactions on Power Systems, 2022, 37, 3153-3156.	4.6	6
33	Jointly Modelling Individual's Daily Activity-travel Time Use and Mode Share by a Nested Multivariate Tobit Model System. Transportation Research Procedia, 2015, 9, 71-89.	0.8	4
34	Analytical static voltage stability boundary based on holomorphic embedding. International Journal of Electrical Power and Energy Systems, 2022, 134, 107386.	3.3	4
35	A Holomorphic Embedding Method to Solve Unstable Equilibrium Points of Power Systems. , 2018, , .		3
36	Weather perception and its impact on out-of-home leisure activity participation decisions. Transportmetrica B, 2020, 8, 219-236.	1.4	3

#	Article	IF	Citations
37	User experiences and perceptions of women-only transport services in Mexico. , 2019, , 188-209.		3
38	Mobile Technology and Studies on Transport Behavior: A Literature Analysis, Integrated Research Model, and Future Research Agenda. Mobile Information Systems, 2021, 2021, 1-24.	0.4	3
39	Analytical Solutions for Power Flow Equations Based on the Multivariate Quotient-Difference Method. , 2019, , .		1
40	The impact of optimal rail access charges on frequencies and fares. Economics of Transportation, 2021, 26-27, 100217.	1.1	1
41	Purchase Intention for Crowd-funded Milk Products with Integrated Photovoltaic Water Pumping Systems in China. Energy Procedia, 2019, 159, 503-508.	1.8	0
42	Who has more say on your daily time use? A quantitative intra-household time-use altruism analysis. , 2020, , 455-477.		0