Xingchen Yan

List of Publications by Year
in descending order

31 papers	295 citations	840776 11 h-index	996975 15 g-index
31 all docs	31 docs citations	31 times ranked	205 citing authors

#	Article	IF	Citations
1	An Ensemble Optimization Strategy for Dynamic Parking-Space Allocation. IEEE Intelligent Transportation Systems Magazine, 2023, 15, 347-362.	3.8	3
2	Level of Service Model of the Non-Motorized Vehicle Crossing the Signalized Intersection Based on Riders' Perception Data. International Journal of Environmental Research and Public Health, 2022, 19, 4534.	2.6	5
3	Key Factors Analysis of Severity of Automobile to Two-Wheeler Traffic Accidents Based on Bayesian Network. International Journal of Environmental Research and Public Health, 2022, 19, 6013.	2.6	8
4	Incentive measures to avoid the illegal parking of dockless shared bikes: the relationships among incentive forms, intensity and policy compliance. Transportation, 2021, 48, 1033-1060.	4.0	17
5	Bicycle Speed Modelling Considering Cyclist Characteristics, Vehicle Type and Track Attributes. World Electric Vehicle Journal, 2021, 12, 43.	3.0	1
6	Research on parking app choice behavior based on MNL. Travel Behaviour & Society, 2021, 25, 174-182.	5.0	19
7	Demand Forecasting of Online Car-Hailing with Combining LSTM + Attention Approaches. Electronics (Switzerland), 2021, 10, 2480.	3.1	9
8	Usage and Temporal Patterns of Public Bicycle Systems: Comparison among Points of Interest. Information (Switzerland), 2021, 12, 470.	2.9	2
9	Influence Factor Analysis of Bicycle Free-Flow Speed for Determining the Design Speeds of Separated Bicycle Lanes. Information (Switzerland), 2020, 11, 459.	2.9	2
10	The Relationship between Bus Drivers' Improper Driving Behaviors and Abnormal Vehicle States Based on Advanced Driver Assistance Systems in Naturalistic Driving. Mathematical Problems in Engineering, 2020, 2020, 1-12.	1.1	2
11	Analyzing E-Bikers' Risky Riding Behaviors, Safety Attitudes, Risk Perception, and Riding Confidence with the Structural Equation Model. International Journal of Environmental Research and Public Health, 2020, 17, 4763.	2.6	18
12	Studying the Influences of Bus Stop Type and Specifications on Bicycle Flow and Capacity for Better Bicycle Efficiency. Information (Switzerland), 2020, 11, 370.	2.9	0
13	Short-Term Prediction of Available Parking Space Based on Machine Learning Approaches. IEEE Access, 2020, 8, 174530-174541.	4.2	15
14	Assessment of the Economic and Social Impact of Shared Parking in Residential Areas. Information (Switzerland), 2020, 11, 411.	2.9	4
15	A Carbon Emission Measurement Method for Individual Travel Based on Transportation Big Data: The Case of Nanjing Metro. International Journal of Environmental Research and Public Health, 2020, 17, 5957.	2.6	14
16	Assessment of Drivers' Comprehensive Driving Capability Under Man-Computer Cooperative Driving Conditions. IEEE Access, 2020, 8, 152909-152923.	4.2	10
17	Demand Forecasting of Online Car-Hailing With Stacking Ensemble Learning Approach and Large-Scale Datasets. IEEE Access, 2020, 8, 199513-199522.	4.2	13
18	Evaluation Indexes and Correlation Analysis of Origination–Destination Travel Time of Nanjing Metro Based on Complex Network Method. Sustainability, 2020, 12, 1113.	3.2	8

#	Article	IF	Citations
19	Impact of Risk and Benefit on the Suppliers' and Managers' Intention of Shared Parking in Residential Areas. Sustainability, 2020, 12, 268.	3.2	13
20	Analyzing Drivers' Intention to Accept Parking App by Structural Equation Model. Journal of Advanced Transportation, 2020, 2020, 1-11.	1.7	11
21	A Dynamic Adjustment Model of Cruising Taxicab Fleet Size Combined the Operating and Flied Survey Data. Sustainability, 2020, 12, 2776.	3.2	6
22	Impact of Cruising for Parking on Travel Time of Traffic Flow. Sustainability, 2020, 12, 3079.	3.2	21
23	Grade Setting of a Timber Logistics Center Based on a Complex Network: A Case Study of 47 Timber Trading Markets in China. Information (Switzerland), 2020, 11, 107.	2.9	2
24	Analysis of Space-Time Variation of Passenger Flow and Commuting Characteristics of Residents Using Smart Card Data of Nanjing Metro. Sustainability, 2019, 11, 4989.	3.2	22
25	Analysis of the Characteristics and Number of Bicycle–Passenger Conflicts at Bus Stops for Improving Safety. Sustainability, 2019, 11, 5263.	3.2	7
26	Anomaly Detection of Passenger OD on Nanjing Metro Based on Smart Card Big Data. IEEE Access, 2019, 7, 138624-138636.	4.2	11
27	Space–Time Evolution Analysis of the Nanjing Metro Network Based on a Complex Network. Sustainability, 2019, 11, 523.	3.2	15
28	Improving Pedestrian Hybrid Beacon Crosswalk by Using Upstream Detection Strategy. Journal of Advanced Transportation, 2019, 2019, 1-11.	1.7	1
29	Impact of Curbside Parking on Bicycle Lane Capacity in Nanjing, China. Transportation Research Record, 2018, 2672, 120-129.	1.9	8
30	Recommended Widths for Separated Bicycle Lanes Considering Abreast Riding and Overtaking. Sustainability, 2018, 10, 3127.	3.2	11
31	Modeling Pedestrian Level of Service at Signalized Intersection Crosswalks under Mixed Traffic Conditions. Transportation Research Record, 2015, 2512, 46-55.	1.9	17