

Lei Lin

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

949
citations

623734

14
h-index

888059

17
g-index

22
all docs

22
docs citations

22
times ranked

963
citing authors

#	ARTICLE	IF	CITATIONS
1	Predicting station-level hourly demand in a large-scale bike-sharing network: A graph convolutional neural network approach. <i>Transportation Research Part C: Emerging Technologies</i> , 2018, 97, 258-276.	7.6	286
2	A novel variable selection method based on frequent pattern tree for real-time traffic accident risk prediction. <i>Transportation Research Part C: Emerging Technologies</i> , 2015, 55, 444-459.	7.6	117
3	Intelligent service capacity allocation for cross-border-E-commerce related third-party-forwarding logistics operations: A deep learning approach. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2020, 134, 101834.	7.4	89
4	A combined M5P tree and hazard-based duration model for predicting urban freeway traffic accident durations. <i>Accident Analysis and Prevention</i> , 2016, 91, 114-126.	5.7	62
5	A novel dynamic pricing scheme for a large-scale electric vehicle sharing network considering vehicle relocation and vehicle-grid-integration. <i>International Journal of Production Economics</i> , 2019, 218, 339-351.	8.9	55
6	Quantifying uncertainty in short-term traffic prediction and its application to optimal staffing plan development. <i>Transportation Research Part C: Emerging Technologies</i> , 2018, 92, 323-348.	7.6	44
7	A k Nearest Neighbor based Local Linear Wavelet Neural Network Model for On-line Short-term Traffic Volume Prediction. <i>Procedia, Social and Behavioral Sciences</i> , 2013, 96, 2066-2077.	0.5	42
8	Modeling the Impacts of Inclement Weather on Freeway Traffic Speed. <i>Transportation Research Record</i> , 2015, 2482, 82-89.	1.9	41
9	Data Mining and Complex Network Algorithms for Traffic Accident Analysis. <i>Transportation Research Record</i> , 2014, 2460, 128-136.	1.9	33
10	Real-time spatiotemporal prediction and imputation of traffic status based on LSTM and Graph Laplacian regularized matrix factorization. <i>Transportation Research Part C: Emerging Technologies</i> , 2021, 129, 103228.	7.6	30
11	Short-Term Forecasting of Traffic Volume. <i>Transportation Research Record</i> , 2013, 2392, 40-47.	1.9	26
12	Border crossing delay prediction using transient multi-server queueing models. <i>Transportation Research, Part A: Policy and Practice</i> , 2014, 64, 65-91.	4.2	22
13	Prediction of Individual Social-Demographic Role Based on Travel Behavior Variability Using Long-Term GPS Data. <i>Journal of Advanced Transportation</i> , 2017, 2017, 1-13.	1.7	22
14	On-line prediction of border crossing traffic using an enhanced Spinning Network method. <i>Transportation Research Part C: Emerging Technologies</i> , 2014, 43, 158-173.	7.6	21
15	YouTube AV 50K: An Annotated Corpus for Comments in Autonomous Vehicles. , 2018, , .		14
16	Efficient Data Collection and Accurate Travel Time Estimation in a Connected Vehicle Environment Via Real-Time Compressive Sensing. <i>Journal of Big Data Analytics in Transportation</i> , 2019, 1, 95-107.	3.0	14
17	Long Short-Term Memory-Based Human-Driven Vehicle Longitudinal Trajectory Prediction in a Connected and Autonomous Vehicle Environment. <i>Transportation Research Record</i> , 2021, 2675, 380-390.	1.9	14
18	Efficient Collection of Connected Vehicle Data based on Compressive Sensing*. , 2018, , .		9

#	ARTICLE	IF	CITATIONS
19	A Spatial-Temporal Analysis of COVID-19's Impact on Human Mobility: The Case of the United States. , 2021, , .		4
20	Analysis of urban freeway traffic flow characteristics based on frequent pattern tree. , 2014, , .		2
21	Identifying Light-Duty Vehicle Travel from Large-Scale Multimodal Wearable GPS Data with Novelty Detection Algorithms. , 2021, , .		1
22	Light-Duty Vehicle Trip Classification Using One-Class Novelty Detection and Exhaustive Feature Extraction. IEEE Transactions on Industry Applications, 2022, 58, 3936-3945.	4.9	1