

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	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
2	Long Short-Term Memory-Based Human-Driven Vehicle Longitudinal Trajectory Prediction in a Connected and Autonomous Vehicle Environment. Transportation Research Record, 2021, 2675, 380-390.	1.9	14
3	Identifying Light-Duty Vehicle Travel from Large-Scale Multimodal Wearable GPS Data with Novelty Detection Algorithms. , 2021, , .		1
4	Real-time spatiotemporal prediction and imputation of traffic status based on LSTM and Graph Laplacian regularized matrix factorization. Transportation Research Part C: Emerging Technologies, 2021, 129, 103228.	7.6	30
5	A Spatial-Temporal Analysis of COVID-19's Impact on Human Mobility: The Case of the United States. , 2021, , .		4
6	Intelligent service capacity allocation for cross-border-E-commerce related third-party-forwarding logistics operations: A deep learning approach. Transportation Research, Part E: Logistics and Transportation Review, 2020, 134, 101834.	7.4	89
7	A novel dynamic pricing scheme for a large-scale electric vehicle sharing network considering vehicle relocation and vehicle-grid-integration. International Journal of Production Economics, 2019, 218, 339-351.	8.9	55
8	Efficient Data Collection and Accurate Travel Time Estimation in a Connected Vehicle Environment Via Real-Time Compressive Sensing. Journal of Big Data Analytics in Transportation, 2019, 1, 95-107.	3.0	14
9	YouTube AV 50K: An Annotated Corpus for Comments in Autonomous Vehicles. , 2018, , .		14
10	Efficient Collection of Connected Vehicle Data based on Compressive Sensing*. , 2018, , .		9
11	Predicting station-level hourly demand in a large-scale bike-sharing network: A graph convolutional neural network approach. Transportation Research Part C: Emerging Technologies, 2018, 97, 258-276.	7.6	286
12	Quantifying uncertainty in short-term traffic prediction and its application to optimal staffing plan development. Transportation Research Part C: Emerging Technologies, 2018, 92, 323-348.	7.6	44
13	Prediction of Individual Social-Demographic Role Based on Travel Behavior Variability Using Long-Term GPS Data. Journal of Advanced Transportation, 2017, 2017, 1-13.	1.7	22
14	A combined M5P tree and hazard-based duration model for predicting urban freeway traffic accident durations. Accident Analysis and Prevention, 2016, 91, 114-126.	5.7	62
15	Modeling the Impacts of Inclement Weather on Freeway Traffic Speed. Transportation Research Record, 2015, 2482, 82-89.	1.9	41
16	A novel variable selection method based on frequent pattern tree for real-time traffic accident risk prediction. Transportation Research Part C: Emerging Technologies, 2015, 55, 444-459.	7.6	117
17	Data Mining and Complex Network Algorithms for Traffic Accident Analysis. Transportation Research Record, 2014, 2460, 128-136.	1.9	33
18	Analysis of urban freeway traffic flow characteristics based on frequent pattern tree. , 2014, , .		2

#	ARTICLE	IF	CITATIONS
19	Border crossing delay prediction using transient multi-server queueing models. Transportation Research, Part A: Policy and Practice, 2014, 64, 65-91.	4.2	22
20	On-line prediction of border crossing traffic using an enhanced Spinning Network method. Transportation Research Part C: Emerging Technologies, 2014, 43, 158-173.	7.6	21
21	A k Nearest Neighbor based Local Linear Wavelet Neural Network Model for On-line Short-term Traffic Volume Prediction. Procedia, Social and Behavioral Sciences, 2013, 96, 2066-2077.	0.5	42
22	Short-Term Forecasting of Traffic Volume. Transportation Research Record, 2013, 2392, 40-47.	1.9	26