

Liqun Peng

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

224
citations

1307594

7
h-index

996975

15
g-index

21
all docs

21
docs citations

21
times ranked

222
citing authors

#	ARTICLE	IF	CITATIONS
1	A method of vehicle motion prediction and collision risk assessment with a simulated vehicular cyber physical system. <i>Transportation Research Part C: Emerging Technologies</i> , 2014, 47, 179-191.	7.6	62
2	Evaluation of urban bus service reliability on variable time horizons using a hybrid deep learning method. <i>Reliability Engineering and System Safety</i> , 2022, 217, 108090.	8.9	51
3	D-LSTM: Short-Term Road Traffic Speed Prediction Model Based on GPS Positioning Data. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022, 23, 2021-2030.	8.0	19
4	Rough Set Based Method for Vehicle Collision Risk Assessment Through Inferring Driver's Braking Actions in Near-Crash Situations. <i>IEEE Intelligent Transportation Systems Magazine</i> , 2019, 11, 54-69.	3.8	16
5	A Coordinated Revenue-Sharing-Based Pricing Decision Model for Remanufactured Products in Carbon Cap and Trade Regulated Closed-Loop Supply Chain. <i>IEEE Access</i> , 2019, 7, 142879-142893.	4.2	14
6	Cross-Regional Customized Bus Route Planning Considering Staggered Commuting During the COVID-19. <i>IEEE Access</i> , 2021, 9, 20208-20222.	4.2	11
7	Platoon Priority Visualization Modeling and Optimization for Signal Coordination in the Connected Vehicle Environment. <i>Transportation Research Record</i> , 2019, 2673, 36-48.	1.9	10
8	Novel Vehicle Motion Model considering Driver Behavior for Trajectory Prediction and Driving Risk Detection. <i>Transportation Research Record</i> , 2014, 2434, 123-134.	1.9	7
9	Evaluation of roadway spatial-temporal travel speed estimation using mapped low-frequency AVL probe data. <i>Measurement: Journal of the International Measurement Confederation</i> , 2020, 165, 108150.	5.0	7
10	Signal Priority Request Delay Modeling and Mitigation for Emergency Vehicles in Connected Vehicle Environment. <i>Transportation Research Record</i> , 2018, 2672, 45-57.	1.9	5
11	Evaluation of emergency driving behaviour and vehicle collision risk in connected vehicle environment: A deep learning approach. <i>IET Intelligent Transport Systems</i> , 2021, 15, 584-594.	3.0	5
12	Link travel time and delay estimation using transit AVL data. , 2017, , .		4
13	Real-time predictive coordination based on vehicle-triggered platoon dispersion in a low penetration connected vehicle environment. <i>IET Intelligent Transport Systems</i> , 2021, 15, 1548-1561.	3.0	4
14	Evaluation of freeway travel speed estimation using anonymous cellphones as probes: a field study in China. <i>Canadian Journal of Civil Engineering</i> , 0, , 1-9.	1.3	3
15	A Double-Layered Belief Rule Base Model for Driving Anger Detection Using Human, Vehicle, and Environment Characteristics: A Naturalistic Experimental Study. <i>Computational Intelligence and Neuroscience</i> , 2022, 2022, 1-17.	1.7	3
16	Transit travel time prediction for passing signalized intersection using vehicle positioning data. , 2017, , .		1
17	Measuring temporal and spatial travel efficiency for transit route system using low-frequency bus automatic vehicle location data. <i>Advances in Mechanical Engineering</i> , 2018, 10, 168781401880212.	1.6	1
18	A Take-Over Performance Evaluation Model for Automated Vehicles from Automated to Manual Driving. <i>Computational Intelligence and Neuroscience</i> , 2022, 2022, 1-16.	1.7	1

#	ARTICLE	IF	CITATIONS
19	Safety or Efficiency? An ECSO Framework of Traffic Organization Optimization for LNG Carriers Entering and Leaving Port. <i>Mathematical Problems in Engineering</i> , 2021, 2021, 1-10.	1.1	0
20	An Occupancy-Based Adaptive Signal Control for a Congested Signalized Intersection in the Low CV Penetration Environment. <i>Journal of Advanced Transportation</i> , 2022, 2022, 1-18.	1.7	0