Hyoshin Park

List of Publications by Year
in descending order

23 papers	381 citations	1162367 8 h-index	887659 17 g-index
24 all docs	24 docs citations	24 times ranked	349 citing authors

#	Article	IF	Citations
1	A Markov decision process approach to vacant taxi routing with e-hailing. Transportation Research Part B: Methodological, 2019, 121, 114-134.	2.8	77
2	Real-time prediction of secondary incident occurrences using vehicle probe data. Transportation Research Part C: Emerging Technologies, 2016, 70, 69-85.	3.9	61
3	Real-time prediction and avoidance of secondary crashes under unexpected traffic congestion. Accident Analysis and Prevention, 2018, 112, 39-49.	3.0	57
4	Optimal number and location of Bluetooth sensors considering stochastic travel time prediction. Transportation Research Part C: Emerging Technologies, 2015, 55, 203-216.	3.9	53
5	Interpretation of Bayesian neural networks for predicting the duration of detected incidents. Journal of Intelligent Transportation Systems: Technology, Planning, and Operations, 2016, 20, 385-400.	2.6	47
6	A Stochastic Emergency Response Location Model Considering Secondary Incidents on Freeways. IEEE Transactions on Intelligent Transportation Systems, 2016, 17, 2528-2540.	4.7	24
7	Scalable information-theoretic path planning for a rover-helicopter team in uncertain environments. International Journal of Advanced Robotic Systems, 2021, 18, 172988142199958.	1.3	12
8	Online optimization with look-ahead for freeway emergency vehicle dispatching considering availability. Transportation Research Part C: Emerging Technologies, 2019, 109, 95-116.	3.9	10
9	Adaptive personalized routing for vulnerable road users. IET Intelligent Transport Systems, 2022, 16, 1011-1025.	1.7	7
10	Modeling Effects of Forward Glance Durations on Latent Hazard Detection. Transportation Research Record, 2017, 2663, 90-98.	1.0	6
11	Stochastic Capacity Adjustment Considering Secondary Incidents. IEEE Transactions on Intelligent Transportation Systems, 2016, 17, 2843-2853.	4.7	5
12	Deep adaptive learning for safe and efficient navigation of pedestrian dynamics. IET Intelligent Transport Systems, 2021, 15, 538-548.	1.7	5
13	Anticipatory Dynamic Traffic Sensor Location Problems with Connected Vehicle Technologies. Transportation Science, 2018, 52, 1299-1326.	2.6	4
14	Distributed Constraint Optimization Problem for Coordinated Response of Unmanned Aerial Vehicles and Ground Vehicles. , 2021, , .		4
15	Prediction of Red-Light Running using an Artificial Neural Network. , 2018, , .		3
16	A Sampling-Based Path Planning Algorithm for Improving Observations in Tropical Cyclones. Earth and Space Science, 2022, 9, .	1.1	3
17	Generalized Estimating Equation Model Based Recursive Partitioning: Application to Distracted Driving. Journal of Advanced Transportation, 2018, 2018, 1-11.	0.9	1
18	Dynamic Routing of Heterogeneous Users After Traffic Disruptions Under a Mixed Information Framework. Frontiers in Future Transportation, 2022, 3, .	1.3	1

#	Article	IF	Citations
19	Proposed Data-Driven Performance Measures for Comparing and Ranking Traffic Bottlenecks. Transportation Research Procedia, 2016, 15, 483-494.	0.8	0
20	Portable Traffic Sensors to Enhance Arterial Mobility. , 2018, , .		0
21	Simulation-based optimization for reconfiguration of mobile wireless sensor network. , 2018, , .		0
22	Area-based Backbone for Vehicular Ad-Hoc Networks. , 2021, , .		0
23	High-order Markov model for prediction of secondary crash likelihood considering incident duration. Cogent Engineering, 2021, 8, .	1.1	0