

Mohammed Hadi

List of Publications by Year in descending order

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papers

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citations

1040056

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26
all docs

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docs citations

26
times ranked

232
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved Support Vector Machine Models for Work Zone Crash Injury Severity Prediction and Analysis. Transportation Research Record, 2019, 2673, 680-692.	1.9	81
2	Pattern Recognition Using Clustering Analysis to Support Transportation System Management, Operations, and Modeling. Journal of Advanced Transportation, 2019, 2019, 1-12.	1.7	23
3	Benefits of connected vehicle signalized left-turn assist: Simulation-based study. Transportation Engineering, 2021, 4, 100065.	4.2	18
4	Evaluation of Conditional Transit Signal Priority Technology for Regional Implementation. Transportation Research Record, 2015, 2484, 140-148.	1.9	17
5	Effect of Pavement Marking Retroreflectivity on the Performance of Vision-Based Lane Departure Warning Systems. Journal of Intelligent Transportation Systems: Technology, Planning, and Operations, 2011, 15, 42-51.	4.2	14
6	Multi-Criteria Evaluation Framework in Selection of Accelerated Bridge Construction (ABC) Method. Sustainability, 2018, 10, 4059.	3.2	13
7	Deep Learning Approach for Predictive Analytics to Support Diversion during Freeway Incidents. Transportation Research Record, 2020, 2674, 480-492.	1.9	12
8	Developing Guidelines for Implementing Transit Signal Priority and Freight Signal Priority Using Simulation Modeling and a Decision Tree Algorithm. Transportation Research Record, 2022, 2676, 133-144.	1.9	12
9	Utilizing an Analytical Hierarchy Process with Stochastic Return On Investment to Justify Connected Vehicle-Based Deployment Decisions. Transportation Research Record, 2020, 2674, 462-472.	1.9	11
10	Stop Sign Gap Assist Application in a Connected Vehicle Simulation Environment. Transportation Research Record, 0, , 036119812110061.	1.9	10
11	Combining Machine Learning and Fuzzy Rule-Based System in Automating Signal Timing Experts's™ Decisions during Non-Recurrent Congestion. Transportation Research Record, 2020, 2674, 163-176.	1.9	9
12	Predicting arterial breakdown probability: A data mining approach. Journal of Intelligent Transportation Systems: Technology, Planning, and Operations, 2017, 21, 190-201.	4.2	8
13	Estimation of Diversion Rate during Incidents on Basis of Main-Line Detector Data. Transportation Research Record, 2013, 2396, 54-60.	1.9	7
14	Monte Carlo Simulation-Based Benefit-Cost Analysis Combined with Analytical Hierarchy Process to Support ITS Investment with Consideration of Connected Vehicle Technology. Transportation Research Record, 2018, 2672, 1-12.	1.9	7
15	Effect of Link-Level Variations of Connected Vehicles (CV) Proportions on the Accuracy and Reliability of Travel Time Estimation. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 87-96.	8.0	4
16	Development of Planning-Level Guidelines for Deploying Transit Signal Priority. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 14731-14740.	8.0	4
17	A Methodology to Assess the Quality of Travel Time Estimation and Incident Detection Based on Connected Vehicle Data. Transportation Research Record, 2018, 2672, 203-212.	1.9	3
18	Evaluating the Benefits of Red-Light Violation Warning System in a Connected Vehicle Simulation Environment. Transportation Research Record, 2021, 2675, 1372-1381.	1.9	2

#	ARTICLE	IF	CITATIONS
19	Using High-Resolution Signal Controller Data in the Calibration of Signalized Arterial Simulation Models. Transportation Research Record, 2021, 2675, 1043-1055.	1.9	2
20	Evaluating Incident Responsive Signal Control Plans using Multi-Resolution Modeling. Transportation Research Record, 2019, 2673, 804-813.	1.9	1
21	Data and Modeling Support of the Management of Diversion Routes During Freeway Incidents. Transportation Research Record, 0, , 036119812210750.	1.9	1
22	Improving benefit-cost analysis of ramp metering by sketch planning tools. , 2011, , .		0
23	Methodology to Identify On-Ramps for Metering with Consideration of System-Wide Recurrent and Non-Recurrent Congestion. Transportation Research Record, 2018, 2672, 39-49.	1.9	0
24	Using Traffic Disturbance Metrics to Estimate and Predict Freeway Traffic Breakdown and Safety Events. Transportation Research Record, 2021, 2675, 723-733.	1.9	0
25	Alignment and Identification of the Relationships between Key Performance Indicators in a Multilevel Tree Structure to Support Transportation Agency Decisions. Transportation Research Record, 2021, 2675, 555-567.	1.9	0
26	Evaluation of an Advanced Driver-Assistance System to Reduce Pedestrian and Rear-End Crashes of Transit Vehicles. Transportation Research Record, 2021, 2675, 1301-1309.	1.9	0