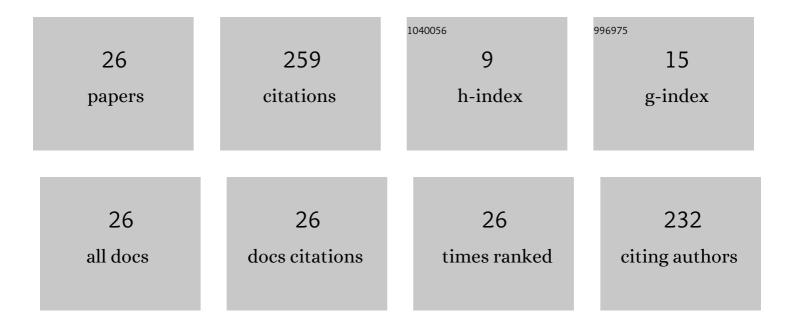
## Mohammed Hadi

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8250606/publications.pdf Version: 2024-02-01



| #  | 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,<br>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.<br>Transportation Research Record, 2015, 2484, 140-148.   | 1.9 | 17        |
| 5  | Effect of Pavement Marking Retroreflectivity on the Performance of Vision-Based Lane Departure<br>Warning Systems. Journal of Intelligent Transportation Systems: Technology, Planning, and<br>Operations, 2011, 15, 42-51.         | 4.2 | 14        |
| 6  | Multi-Criteria Evaluation Framework in Selection of Accelerated Bridge Construction (ABC) Method.<br>Sustainability, 2018, 10, 4059.  | 3.2 | 13        |
| 7  | Deep Learning Approach for Predictive Analytics to Support Diversion during Freeway Incidents.<br>Transportation Research Record, 2020, 2674, 480-492.  | 1.9 | 12        |
| 8  | Developing Guidelines for Implementing Transit Signal Priority and Freight Signal Priority Using<br>Simulation Modeling and a Decision Tree Algorithm. Transportation Research Record, 2022, 2676,<br>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'<br>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<br>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<br>Support ITS Investment with Consideration of Connected Vehicle Technology. Transportation<br>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<br>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         |

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| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Using High-Resolution Signal Controller Data in the Calibration of Signalized Arterial Simulation<br>Models. Transportation Research Record, 2021, 2675, 1043-1055.  | 1.9 | 2         |
| 20 | Evaluating Incident Responsive Signal Control Plans using Multi-Resolution Modeling.<br>Transportation Research Record, 2019, 2673, 804-813.   | 1.9 | 1         |
| 21 | Data and Modeling Support of the Management of Diversion Routes During Freeway Incidents.<br>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 | Ο         |
| 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<br>Tree Structure to Support Transportation Agency Decisions. Transportation Research Record, 2021,<br>2675, 555-567. | 1.9 | Ο         |
| 26 | Evaluation of an Advanced Driver-Assistance System to Reduce Pedestrian and Rear-End Crashes of<br>Transit Vehicles. Transportation Research Record, 2021, 2675, 1301-1309.  | 1.9 | 0         |