# Eleni Christofa

List of Publications by Year
in descending order

| | | | |
|---|---|---|---|
| 21 papers | 367 citations | 1040056 9 h-index | 996975 15 g-index |
| 21 all docs | 21 docs citations | 21 times ranked | 248 citing authors |

| # | ARTICLE | IF | CITATIONS |
|---|---------|-----|-----------|
| 1 | A framework for mode classification in multimodal environments using radar-based sensors. Journal of Intelligent Transportation Systems: Technology, Planning, and Operations, 2023, 27, 441-458. | 4.2 | 1 |
| 2 | Incorporating Phase Rotation Into a Person-Based Signal Timing Optimization Algorithm. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 513-521. | 8.0 | 4 |
| 3 | Transitioning to zero-emission bus fleets: state of practice of implementations in the United States. Transport Reviews, 2021, 41, 164-191. | 8.8 | 29 |
| 4 | The role of protected intersections in improving bicycle safety and driver right-turning behavior. Accident Analysis and Prevention, 2021, 159, 106295. | 5.7 | 6 |
| 5 | Understanding the Safety Impact of Protected Intersection Design Elements: A Driving Simulation Approach. Transportation Research Record, 2020, 2674, 179-188. | 1.9 | 11 |
| 6 | Linking geospatial crash and citation data to inform equitable enforcement decisions. Journal of Transportation Safety and Security, 2020, , 1-24. | 1.6 | 0 |
| 7 | All-Red Clearance Intervals for Use in the Left-Turn Application of Flashing Yellow Arrows. Journal of Transportation Engineering Part A: Systems, 2020, 146, . | 1.4 | 1 |
| 8 | Modeling the Effect of New Commuter Bus Service on Demand and Impact on Greenhouse Gas Emissions: Application to Greater Boston. Transportation Research Record, 2019, 2673, 125-138. | 1.9 | 1 |
| 9 | A mixed methods investigation of bicycle exposure in crash rates. Accident Analysis and Prevention, 2019, 130, 54-61. | 5.7 | 16 |
| 10 | A real-time signal control strategy for mitigating the impact of bus stops at urban signalized intersections. Journal of Intelligent Transportation Systems: Technology, Planning, and Operations, 2017, 21, 349-363. | 4.2 | 6 |
| 11 | Network work trip assignment for agent-based simulation accounting for travel time. , 2017, , . | | 0 |
| 12 | Person-Based Optimization of Signal Timing. Transportation Research Record, 2017, 2620, 31-42. | 1.9 | 18 |
| 13 | Real-time signal control accounting for urban freight deliveries. , 2017, , . | | 1 |
| 14 | Arterial traffic signal optimization: A person-based approach. Transportation Research Part C: Emerging Technologies, 2016, 66, 27-47. | 7.6 | 74 |
| 15 | Optimal Cycle-Length Formulas for Intersections With or Without Transit Signal Priority. Transportation Research Record, 2016, 2558, 78-91. | 1.9 | 13 |
| 16 | Estimation of Short-Term Bus Travel Time by Using Low-Resolution Automated Vehicle Location Data. Transportation Research Record, 2016, 2539, 113-118. | 1.9 | 12 |
| 17 | A New Stochastic Mesomodel for Optimizing Multi-modal Signal Settings for Networks. , 2015, , . | | 3 |
| 18 | Person-Based Traffic Responsive Signal Control Optimization. IEEE Transactions on Intelligent Transportation Systems, 2013, 14, 1278-1289. | 8.0 | 86 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Traffic Signal Optimization with Application of Transit Signal Priority to an Isolated Intersection. Transportation Research Record, 2011, 2259, 192-201. | 1.9 | 83 |
| 20 | Incorporating Health-Related Criteria for Project Scoring in Massachusetts. Transportation Research Record, 0, , 036119812110570. | 1.9 | 0 |
| 21 | Modeling System-Wide Urban Rail Transit Energy Consumption: A Case Study of Boston. Transportation Research Record, 0, , 036119812210964. | 1.9 | 2 |