Eleni Christofa

List of Publications by Year
in descending order

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

#	ARTICLE	IF	CITATIONS
1	Person-Based Traffic Responsive Signal Control Optimization. IEEE Transactions on Intelligent Transportation Systems, 2013, 14, 1278-1289.	8.0	86
2	Traffic Signal Optimization with Application of Transit Signal Priority to an Isolated Intersection. Transportation Research Record, 2011, 2259, 192-201.	1.9	83
3	Arterial traffic signal optimization: A person-based approach. Transportation Research Part C: Emerging Technologies, 2016, 66, 27-47.	7.6	74
4	Transitioning to zero-emission bus fleets: state of practice of implementations in the United States. Transport Reviews, 2021, 41, 164-191.	8.8	29
5	Person-Based Optimization of Signal Timing. Transportation Research Record, 2017, 2620, 31-42.	1.9	18
6	A mixed methods investigation of bicycle exposure in crash rates. Accident Analysis and Prevention, 2019, 130, 54-61.	5.7	16
7	Optimal Cycle-Length Formulas for Intersections With or Without Transit Signal Priority. Transportation Research Record, 2016, 2558, 78-91.	1.9	13
8	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
9	Understanding the Safety Impact of Protected Intersection Design Elements: A Driving Simulation Approach. Transportation Research Record, 2020, 2674, 179-188.	1.9	11
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	The role of protected intersections in improving bicycle safety and driver right-turning behavior. Accident Analysis and Prevention, 2021, 159, 106295.	5.7	6
12	Incorporating Phase Rotation Into a Person-Based Signal Timing Optimization Algorithm. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 513-521.	8.0	4
13	A New Stochastic Mesomodel for Optimizing Multi-modal Signal Settings for Networks. , 2015, , .		3
14	Modeling System-Wide Urban Rail Transit Energy Consumption: A Case Study of Boston. Transportation Research Record, 0, , 036119812210964.	1.9	2
15	Real-time signal control accounting for urban freight deliveries. , 2017, , .		1
16	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
17	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
18	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

#	Article	IF	Citations
19	Network work trip assignment for agent-based simulation accounting for travel time. , 2017, , .		0
20	Linking geospatial crash and citation data to inform equitable enforcement decisions. Journal of Transportation Safety and Security, 2020, , 1-24.	1.6	0
21	Incorporating Health-Related Criteria for Project Scoring in Massachusetts. Transportation Research Record, 0, , 036119812110570.	1.9	0