Amin Tahmasbi-Sarvestani

List of Publications by Year
in descending order

12 papers	275 citations	1307594 7 h-index	1588992 8 g-index
12 all docs	12 docs citations	12 times ranked	319 citing authors

#	Article	IF	Citations
1	Implementation and Evaluation of a Cooperative Vehicle-to-Pedestrian Safety Application. IEEE Intelligent Transportation Systems Magazine, 2017, 9, 62-75.	3.8	60
2	A Learning-Based Stochastic MPC Design for Cooperative Adaptive Cruise Control to Handle Interfering Vehicles. IEEE Transactions on Intelligent Vehicles, 2018, 3, 266-275.	12.7	60
3	Utilizing Model-Based Communication and Control for Cooperative Automated Vehicle Applications. IEEE Transactions on Intelligent Vehicles, 2017, 2, 38-51.	12.7	59
4	Network-Aware Double-Layer Distance-Dependent Broadcast Protocol for VANETs. IEEE Transactions on Vehicular Technology, 2015, 64, 5536-5546.	6.3	27
5	A Hybrid Systems Approach to Modeling Real-Time Situation-Awareness Component of Networked Crash Avoidance Systems. IEEE Systems Journal, 2016, 10, 169-178.	4.6	24
6	Cooperative Time and Energy-Optimal Lane Change Maneuvers for Connected Automated Vehicles. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 3445-3460.	8.0	14
7	Composite <inline-formula> <tex-math notation="LaTeX">$alpha-mu$ </tex-math> </inline-formula> Based DSRC Channel Model Using Large Data Set of RSSI Measurements. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 205-217.	8.0	11
8	High fidelity DSRC receiver model for ns-3 simulation using large-scale field data. , 2016, , .		7
9	Modeling communication and estimation processes of automated crash avoidance systems. , 2013, , .		4
10	A Learning-Based Framework for Two-Dimensional Vehicle Maneuver Prediction over V2V Networks. , 2017, , .		4
11	Time and Energy-Optimal Lane Change Maneuvers for Cooperating Connected and Automated Vehicles[†]. , 2019, , .		3
12	Estimation of Lead Vehicle Kinematics Using Camera-Based Data for Driver Distraction Detection. International Journal of Automotive Engineering, 2018, 9, 158-164.	0.5	2