

Amin Tahmasbi-Sarvestani

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

275
citations

1307594

7
h-index

1588992

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g-index

12
all docs

12
docs citations

12
times ranked

319
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Time and Energy-Optimal Lane Change Maneuvers for Cooperating Connected and Automated Vehicles, 2019, .		3
3	Composite α -Based DSRC Channel Model Using Large Data Set of RSSI Measurements. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 205-217.	8.0	11
4	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
5	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
6	Implementation and Evaluation of a Cooperative Vehicle-to-Pedestrian Safety Application. IEEE Intelligent Transportation Systems Magazine, 2017, 9, 62-75.	3.8	60
7	A Learning-Based Framework for Two-Dimensional Vehicle Maneuver Prediction over V2V Networks. , 2017, .		4
8	Utilizing Model-Based Communication and Control for Cooperative Automated Vehicle Applications. IEEE Transactions on Intelligent Vehicles, 2017, 2, 38-51.	12.7	59
9	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
10	High fidelity DSRC receiver model for ns-3 simulation using large-scale field data. , 2016, .		7
11	Network-Aware Double-Layer Distance-Dependent Broadcast Protocol for VANETs. IEEE Transactions on Vehicular Technology, 2015, 64, 5536-5546.	6.3	27
12	Modeling communication and estimation processes of automated crash avoidance systems. , 2013, .		4