Yuchuan Fu

List of Publications by Year
in descending order

17 papers	**452** citations	933447 **10** h-index	996975 **15** g-index
17 all docs	**17** docs citations	**17** times ranked	**502** citing authors

#	Article	IF	Citations
1	Vehicular Blockchain-Based Collective Learning for Connected and Autonomous Vehicles. IEEE Wireless Communications, 2020, 27, 197-203.	9.0	72
2	A Mobility-Aware Vehicular Caching Scheme in Content Centric Networks: Model and Optimization. IEEE Transactions on Vehicular Technology, 2019, 68, 3100-3112.	6.3	67
3	Vehicle Position Correction: A Vehicular Blockchain Networks-Based GPS Error Sharing Framework. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 898-912.	8.0	67
4	Blockchain-Enabled Internet of Vehicles With Cooperative Positioning: A Deep Neural Network Approach. IEEE Internet of Things Journal, 2020, 7, 3485-3498.	8.7	59
5	Infrastructure-cooperative algorithm for effective intersection collision avoidance. Transportation Research Part C: Emerging Technologies, 2018, 89, 188-204.	7.6	39
6	A Survey of Driving Safety With Sensing, Vehicular Communications, and Artificial Intelligence-Based Collision Avoidance. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 6142-6163.	8.0	35
7	An Autonomous Lane-Changing System With Knowledge Accumulation and Transfer Assisted by Vehicular Blockchain. IEEE Internet of Things Journal, 2020, 7, 11123-11136.	8.7	24
8	Graded Warning for Rear-End Collision: An Artificial Intelligence-Aided Algorithm. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 565-579.	8.0	17
9	Building Transmission Backbone for Highway Vehicular Networks: Framework and Analysis. IEEE Transactions on Vehicular Technology, 2018, 67, 8709-8722.	6.3	16
10	Hybrid Autonomous Driving Guidance Strategy Combining Deep Reinforcement Learning and Expert System. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 11273-11286.	8.0	12
11	Collaborative Driving: Learning-Aided Joint Topology Formulation and Beamforming. IEEE Vehicular Technology Magazine, 2022, 17, 103-111.	3.4	9
12	Spectrum Trading for Energy-Harvesting-Enabled Internet of Things in Harsh Environments. IEEE Access, 2018, 6, 16712-16726.	4.2	8
13	Towards Hit-Interruption Tradeoff in Vehicular Edge Caching: Algorithm and Analysis. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 5198-5210.	8.0	8
14	Blockchain-Enabled Conditional Decentralized Vehicular Crowdsensing System. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 18937-18950.	8.0	8
15	A novel warning/avoidance algorithm for intersection collision based on Dynamic Bayesian Networks. , 2016, , .		7
16	Prediction Based Vehicular Caching: Where and What to Cache?. Mobile Networks and Applications, 2020, 25, 760-771.	3.3	3
17	Multi - Task Assignment Strategy for Vehicular Crowdsensing with Clustering Characteristic. , 2021, , .		1