

# Wenchao Xu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7651981/publications.pdf>

Version: 2024-02-01

30  
papers

1,877  
citations

623734

14  
h-index

713466

21  
g-index

34  
all docs

34  
docs citations

34  
times ranked

1889  
citing authors

#	ARTICLE	IF	CITATIONS
1	Internet of vehicles in big data era. IEEE/CAA Journal of Automatica Sinica, 2018, 5, 19-35.	13.1	440
2	Evolutionary V2X Technologies Toward the Internet of Vehicles: Challenges and Opportunities. Proceedings of the IEEE, 2020, 108, 308-323.	21.3	360
3	Big Data Driven Vehicular Networks. IEEE Network, 2018, 32, 160-167.	6.9	231
4	Characterizing Urban Vehicle-to-Vehicle Communications for Reliable Safety Applications. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 2586-2602.	8.0	126
5	Multiple Drone-Cell Deployment Analyses and Optimization in Drone Assisted Radio Access Networks. IEEE Access, 2018, 6, 12518-12529.	4.2	114
6	MoMAC: Mobility-Aware and Collision-Avoidance MAC for Safety Applications in VANETs. IEEE Transactions on Vehicular Technology, 2018, 67, 10590-10602.	6.3	82
7	SS-MAC: A Novel Time Slot-Sharing MAC for Safety Messages Broadcasting in VANETs. IEEE Transactions on Vehicular Technology, 2018, 67, 3586-3597.	6.3	76
8	Service-Oriented Energy-Latency Tradeoff for IoT Task Partial Offloading in MEC-Enhanced Multi-RAT Networks. IEEE Internet of Things Journal, 2021, 8, 1896-1907.	8.7	64
9	Towards Rear-End Collision Avoidance: Adaptive Beacons for Connected Vehicles. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 1248-1263.	8.0	61
10	Delay-Minimized Edge Caching in Heterogeneous Vehicular Networks: A Matching-Based Approach. IEEE Transactions on Wireless Communications, 2020, 19, 6409-6424.	9.2	44
11	Delay Analysis of In-Vehicle Internet Access Via On-Road WiFi Access Points. IEEE Access, 2017, 5, 2736-2746.	4.2	38
12	Intelligent Context-Aware Communication Paradigm Design for IoVs Based on Data Analytics. IEEE Network, 2018, 32, 74-82.	6.9	38
13	Throughput Analysis of Vehicular Internet Access via Roadside WiFi Hotspot. IEEE Transactions on Vehicular Technology, 2019, 68, 3980-3991.	6.3	36
14	DBCC: Leveraging Link Perception for Distributed Beacon Congestion Control in VANETs. IEEE Internet of Things Journal, 2018, 5, 4237-4249.	8.7	35
15	ABC: Adaptive Beacon Control for Rear-End Collision Avoidance in VANETs. , 2018, , .		19
16	Matching-Based Content Caching in Heterogeneous Vehicular Networks. , 2018, , .		13
17	Vehicular Networking-Enabled Vehicle State Prediction via Two-Level Quantized Adaptive Kalman Filtering. IEEE Internet of Things Journal, 2020, 7, 7181-7193.	8.7	12
18	3D Drone-cell deployment optimization for drone assisted radio access networks. , 2017, , .		11

#	ARTICLE	IF	CITATIONS
19	Exploiting Hotspot-2.0 for Traffic Offloading in Mobile Networks. IEEE Network, 2018, 32, 131-137.	6.9	11
20	Collaborative Anomaly Detection for Internet of Things based on Federated Learning. , 2020, , .		10
21	WiFi: Vehicle-to-Vehicle Assisted Traffic Offloading via Roadside WiFi Networks. , 2018, , .		9
22	Leveraging Blockchain for Multi-Operator Access Sharing Management in Internet of Vehicles. IEEE Transactions on Vehicular Technology, 2022, 71, 2774-2787.	6.3	9
23	Augmenting Drive-Thru Internet via Reinforcement Learning-Based Rate Adaptation. IEEE Internet of Things Journal, 2020, 7, 3114-3123.	8.7	8
24	Delay Optimal Concurrent Transmissions With Raptor Codes in Dual Connectivity Networks. IEEE Transactions on Network Science and Engineering, 2021, 8, 1478-1491.	6.4	8
25	An Improved SC Flip Decoding Algorithm of Polar Codes Based on Genetic Algorithm. IEEE Access, 2020, 8, 222572-222583.	4.2	5
26	Autonomous Rate Control for Mobile Internet of Things: A Deep Reinforcement Learning Approach. , 2020, , .		5
27	Throughput Analysis of In-Vehicle Internet Access via On-Road WiFi Access Points. , 2017, , .		4
28	Space-air-ground integrated networks for future IoT: Architecture, management, service and performance. Peer-to-Peer Networking and Applications, 2021, 14, 3265-3267.	3.9	4
29	User Clustering and Proactive Group Handover Scheduling in LEO Satellite Networks. , 2020, , .		4
30	Ti-Fi: Terminal-to-terminal communication incorporated Wi-Fi offloading. , 2016, , .		0