Xin Yuan

List of Publications by Year
in descending order

16 papers	356 citations

840776

11 h-index	13 g-index

1125743

16 all docs	16 docs citations	16 times ranked	338 citing authors

#	Article	IF	Citations
1	Deep-Graph-Based Reinforcement Learning for Joint Cruise Control and Task Offloading for Aerial Edge Internet of Things (EdgeIoT). IEEE Internet of Things Journal, 2022, 9, 21676-21686.	8.7	18
2	Spatio-Temporal Power Optimization for MIMO Joint Communication and Radio Sensing Systems With Training Overhead. IEEE Transactions on Vehicular Technology, 2021, 70, 514-528.	6.3	37
3	Code-Division OFDM Joint Communication and Sensing System for 6G Machine-Type Communication. IEEE Internet of Things Journal, 2021, 8, 12093-12105.	8.7	44
4	Secrecy Performance of Terrestrial Radio Links Under Collaborative Aerial Eavesdropping. IEEE Transactions on Information Forensics and Security, 2020, 15, 604-619.	6.9	26
5	REF Codes: Intermediate Performance Oriented Fountain Codes With Feedback. IEEE Transactions on Vehicular Technology, 2020, 69, 13148-13164.	6.3	8
6	Connectivity of UAV Swarms in 3D Spherical Spaces Under (Un)Intentional Ground Interference. IEEE Transactions on Vehicular Technology, 2020, 69, 8792-8804.	6.3	12
7	Multiple UAV-Mounted Base Station Placement and User Association With Joint Fronthaul and Backhaul Optimization. IEEE Transactions on Communications, 2020, 68, 5864-5877.	7.8	36
8	Performance of Joint Sensing-Communication Cooperative Sensing UAV Network. IEEE Transactions on Vehicular Technology, 2020, 69, 15545-15556.	6.3	48
9	Secrecy Rate Analysis Against Aerial Eavesdropper. IEEE Transactions on Communications, 2019, 67, 7027-7042.	7.8	13
10	Delay Estimation of UAV Communications Based on Fountain Codes. , 2019, , .		1
11	Achievable Capacity Scaling Laws of Three-Dimensional Wireless Social Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 2671-2685.	6.3	12
12	Capacity Analysis of UAV Communications: Cases of Random Trajectories. IEEE Transactions on Vehicular Technology, 2018, 67, 7564-7576.	6.3	67
13	Secure connectivity analysis in unmanned aerial vehicle networks. Frontiers of Information Technology and Electronic Engineering, 2018, 19, 409-422.	2.6	6
14	Performance Characterization of Machine-to-Machine Networks With Energy Harvesting and Social-Aware Relays. IEEE Access, 2017, 5, 13297-13307.	4.2	15
15	Trust connectivity analysis in overlaid unmanned aerial vehicle networks. , 2017, , .		3
16	The achievable capacity scaling laws of 3D cognitive radio networks. , 2016, , .		10