Yifan Xu

List of Publications by Year in descending order

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20 papers	240 citations	1307594 7 h-index	1058476 14 g-index
21 all docs	21 docs citations	21 times ranked	209 citing authors

#	Article	IF	Citations
1	Anti-jamming channel access in 5G ultra-dense networks: a game-theoretic learning approach. Digital Communications and Networks, 2023, 9, 523-533.	5.0	1
2	Primary-User-Friendly Dynamic Spectrum Anti-Jamming Access: A GAN-Enhanced Deep Reinforcement Learning Approach. IEEE Wireless Communications Letters, 2022, 11, 258-262.	5.0	8
3	Proceed From Known to Unknown: Jamming Pattern Recognition Under Open-Set Setting. IEEE Wireless Communications Letters, 2022, 11, 693-697.	5.0	0
4	Joint channel and power optimisation for multiâ€user antiâ€jamming communications: A dual mode Qâ€learning approach. IET Communications, 2022, 16, 619-633.	2.2	4
5	Task-Based Network Reconfiguration in Distributed UAV Swarms: A Bilateral Matching Approach. IEEE/ACM Transactions on Networking, 2022, 30, 2688-2700.	3.8	5
6	Context-aware Coordinated Anti-jamming Communications: A Multi-pattern Stochastic Learning Approach. , 2021, , .		1
7	Hierarchical coordinated anti-jamming channel access in clustering networks: a multi-leader multi-follower Stackelberg game approach. Eurasip Journal on Advances in Signal Processing, 2021, 2021, .	1.7	0
8	Better Late Than Never: GAN-Enhanced Dynamic Anti-Jamming Spectrum Access With Incomplete Sensing Information. IEEE Wireless Communications Letters, 2021, 10, 1800-1804.	5.0	4
9	Energy-Efficient Channel Access and Data Offloading Against Dynamic Jamming Attacks. IEEE Transactions on Green Communications and Networking, 2021, 5, 1734-1746.	5.5	4
10	A multiâ€agent reinforcement learning antiâ€jamming method with partially overlapping channels. IET Communications, 2021, 15, 2461-2468.	2.2	4
11	Play it by Ear: Context-Aware Distributed Coordinated Anti-Jamming Channel Access. IEEE Transactions on Information Forensics and Security, 2021, 16, 5279-5293.	6.9	4
12	Joint Channel, Power and Bandwidth Optimization for Anti-jamming Communications: A Multi-agent Q-learning Approach. , 2021, , .		0
13	Convert Harm Into Benefit: A Coordination-Learning Based Dynamic Spectrum Anti-Jamming Approach. IEEE Transactions on Vehicular Technology, 2020, 69, 13018-13032.	6.3	24
14	Machine Learning Empowered Spectrum Sharing in Intelligent Unmanned Swarm Communication Systems: Challenges, Requirements and Solutions. IEEE Access, 2020, 8, 89839-89849.	4.2	14
15	Joint Power and Trajectory Optimization in UAV Anti-Jamming Communication Networks. , 2019, , .		7
16	Pattern-Aware Intelligent Anti-Jamming Communication: A Sequential Deep Reinforcement Learning Approach. IEEE Access, 2019, 7, 169204-169216.	4.2	35
17	A One-Leader Multi-Follower Bayesian-Stackelberg Game for Anti-Jamming Transmission in UAV Communication Networks. IEEE Access, 2018, 6, 21697-21709.	4.2	75
18	Interference-Aware Cooperative Anti-Jamming Distributed Channel Selection in UAV Communication Networks. Applied Sciences (Switzerland), 2018, 8, 1911.	2.5	14

#	Article	IF	Citations
19	Exploring channel diversity in HF communication systems: A matching-potential game approach. China Communications, 2018, 15, 60-72.	3.2	21
20	Anti-jamming transmission in UAV communication networks: A Stackelberg game approach. , 2017, , .		14