Arupjyoti Bhuyan

List of Publications by Year
in descending order

17 papers	259 citations	1163117 8 h-index	1199594 12 g-index
19 all docs	19 docs citations	19 times ranked	239 citing authors

#	Article	IF	Citations
1	Energy Efficiency of RSMA and NOMA in Cellular-Connected mmWave UAV Networks. , 2019, , .		49
2	Who Is in Control? Practical Physical Layer Attack and Defense for mmWave-Based Sensing in Autonomous Vehicles. IEEE Transactions on Information Forensics and Security, 2021, 16, 3199-3214.	6.9	36
3	Physical Layer Identification Based on Spatial–Temporal Beam Features for Millimeter-Wave Wireless Networks. IEEE Transactions on Information Forensics and Security, 2020, 15, 1831-1845.	6.9	32
4	Precoder Design for Physical-Layer Security and Authentication in Massive MIMO UAV Communications. IEEE Transactions on Vehicular Technology, 2022, 71, 2949-2964.	6.3	26
5	Physical Layer Security for NOMA Transmission in mmWave Drone Networks. IEEE Transactions on Vehicular Technology, 2021, 70, 3568-3582.	6.3	21
6	Enhancing Physical Layer Security for NOMA Transmission in mmWave Drone Networks. , 2018, , .		15
7	Interference Avoidance in UAV-Assisted Networks: Joint 3D Trajectory Design and Power Allocation. , 2019, , .		15
8	When Machine Learning Meets Spectrum Sharing Security: Methodologies and Challenges. IEEE Open Journal of the Communications Society, 2022, 3, 176-208.	6.9	13
9	Dynamic Interference Management for UAV-Assisted Wireless Networks. IEEE Transactions on Wireless Communications, 2022, 21, 2637-2653.	9.2	11
10	A Proxy Signature-Based Swarm Drone Authentication With Leader Selection in 5G Networks. IEEE Access, 2022, 10, 57485-57498.	4.2	9
11	A Non-Cooperative Game-Based Distributed Beam Scheduling Framework for 5G Millimeter-Wave Cellular Networks. IEEE Transactions on Wireless Communications, 2022, 21, 489-504.	9.2	8
12	Hybrid Precoding for mmWave Massive MIMO With One-Bit DAC. IEEE Communications Letters, 2020, 24, 2941-2945.	4.1	7
13	A Proxy Signature-Based Drone Authentication in 5G D2D Networks. , 2021, , .		6
14	FPV Video Adaptation for UAV Collision Avoidance. IEEE Open Journal of the Communications Society, 2021, 2, 2095-2110.	6.9	5
15	Interference Analysis and Mitigation for Aerial IoT Considering 3D Antenna Patterns. IEEE Transactions on Vehicular Technology, 2021, 70, 490-503.	6.3	3
16	Outage Analysis for Cooperative mmWave UAV Communications with Beam Training Overhead. IEEE Wireless Communications Letters, 2021, , 1-1.	5.0	3
17	Secure mmWave Spectrum Sharing with Autonomous Beam Scheduling for 5G and Beyond. , 2022, , .		0