Rui Han

List of Publications by Year
in descending order

17 papers	240 citations	10 h-index	16 g-index
17 all docs	17 docs citations	17 times ranked	178 citing authors

#	Article	IF	Citations
1	Data Aggregation in UAV-Aided Random Access for Internet of Vehicles. IEEE Internet of Things Journal, 2022, 9, 5755-5764.	8.7	22
2	Age of Information Aware UAV Deployment for Intelligent Transportation Systems. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 2705-2715.	8.0	16
3	Variational Inference Based Sparse Signal Detection for Next Generation Multiple Access. IEEE Journal on Selected Areas in Communications, 2022, 40, 1114-1127.	14.0	1
4	Wireless Radar Sensor Networks: Epidemiological Modeling and Optimization. IEEE Journal on Selected Areas in Communications, 2022, 40, 1993-2005.	14.0	2
5	Coordinated Beamforming for UAV-Aided Millimeter-Wave Communications Using GPML-Based Channel Estimation. IEEE Transactions on Cognitive Communications and Networking, 2021, 7, 100-109.	7.9	20
6	UAV-Aided Backscatter Communications: Performance Analysis and Trajectory Optimization. IEEE Journal on Selected Areas in Communications, 2021, 39, 3129-3143.	14.0	21
7	Age of Information and Performance Analysis for UAV-Aided IoT Systems. IEEE Internet of Things Journal, 2021, 8, 14447-14457.	8.7	38
8	A Secure Structure for UAV-Aided IoT Networks: Space-Time Key. IEEE Wireless Communications, 2021, 28, 96-101.	9.0	8
9	Multiple Delay Estimation Using Genetic Algorithm-Based MCMC in Non-Orthogonal Random Access. IEEE Wireless Communications Letters, 2020, 9, 398-401.	5.0	4
10	A Precoding Compensation Scheme for Heterogeneous Communication Networks With CSI Feedback Delay. IEEE Transactions on Network Science and Engineering, 2020, 7, 2506-2514.	6.4	3
11	Rate Splitting on Mobile Edge Computing for UAV-Aided IoT Systems. IEEE Transactions on Cognitive Communications and Networking, 2020, 6, 1193-1203.	7.9	26
12	Random Access and Detection Performance of Internet of Things for Smart Ocean. IEEE Internet of Things Journal, 2020, 7, 9858-9869.	8.7	11
13	Variational Bayesian Inference for Channel Estimation and User Activity Detection in C-RAN. IEEE Wireless Communications Letters, 2020, , 1-1.	5.0	7
14	Air-to-Ground Wireless Links for High-Speed UAVs. IEEE Journal on Selected Areas in Communications, 2020, 38, 2918-2930.	14.0	29
15	Multiple Delay Estimation for Collision Resolution in Non-Orthogonal Random Access. IEEE Transactions on Vehicular Technology, 2020, 69, 497-508.	6.3	14
16	Relay-Aided Random Access in Space-Air-Ground Integrated Networks. IEEE Wireless Communications, 2020, 27, 37-43.	9.0	16
17	Performance Analysis of Sequential Detection of Primary User Number Based on Multihypothesis Sequential Probability Ratio Test. IEEE Communications Letters, 2018, 22, 1034-1037.	4.1	2