

Baoyun Wang

List of Publications by Year in descending order

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28
papers

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28
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28
times ranked

707
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy-Efficient Resource Allocation for Secure NOMA-Enabled Mobile Edge Computing Networks. IEEE Transactions on Communications, 2020, 68, 493-505.	7.8	154
2	Robust Secure Transmit Design in MIMO Channels with Simultaneous Wireless Information and Power Transfer. IEEE Signal Processing Letters, 2015, 22, 2147-2151.	3.6	55
3	Proactive Eavesdropping in UAV-Aided Suspicious Communication Systems. IEEE Transactions on Vehicular Technology, 2019, 68, 1993-1997.	6.3	54
4	IRS-Enhanced Energy Detection for Spectrum Sensing in Cognitive Radio Networks. IEEE Wireless Communications Letters, 2021, 10, 2254-2258.	5.0	53
5	Robust Secure Beamforming for Wireless Powered Full-Duplex Systems With Self-Energy Recycling. IEEE Transactions on Vehicular Technology, 2017, 66, 10055-10069.	6.3	44
6	Resource Allocation for Enhancing Offloading Security in NOMA-Enabled MEC Networks. IEEE Systems Journal, 2021, 15, 3789-3792.	4.6	38
7	UAV-Aided Wireless Communication Design With Energy Constraint in Space-Air-Ground Integrated Green IoT Networks. IEEE Access, 2020, 8, 86251-86261.	4.2	36
8	Energy-Efficient Resource Allocation for Energy Harvesting-Based Device-to-Device Communication. IEEE Transactions on Vehicular Technology, 2019, 68, 509-524.	6.3	32
9	Secure Beamforming for Full-Duplex Wireless Powered Communication Systems With Self-Energy Recycling. IEEE Wireless Communications Letters, 2017, 6, 146-149.	5.0	26
10	High-Efficiency Coupling-Insensitive Wireless Power and Information Transmission Based on the Phase-Shifted Control. IEEE Transactions on Power Electronics, 2018, 33, 7821-7831.	7.9	22
11	Transmitter Design in MISO-NOMA System With Wireless-Power Supply. IEEE Communications Letters, 2018, 22, 844-847.	4.1	22
12	Robust Multi-Objective Beamforming Design for Power Efficient and Secure Communication in MU-MISO Networks. IEEE Access, 2017, 5, 13277-13285.	4.2	9
13	Jointly Learned Symbol Detection and Signal Reflection in RIS-Aided Multi-user MIMO Systems. , 2021, , .		9
14	Secrecy-Oriented Antenna Assignment Optimization at Full-Duplex Receiver With Self-Interference. IEEE Wireless Communications Letters, 2018, 7, 562-565.	5.0	6
15	User cooperation in OFDM-based cognitive radio networks with simultaneous wireless information and power transfer. , 2015, , .		5
16	Achievable Harvested Energy Region of IRS-Assisted Wireless Power Transfer System. , 2021, , .		5
17	Graph neural network-based scheduling for multi-UAV-enabled communications in D2D networks. Digital Communications and Networks, 2022, , .	5.0	5
18	Multiobjective Precoder Design for Coexisting Wireless Energy Transfer and Information Transmission Systems. IEEE Systems Journal, 2020, 14, 445-456.	4.6	4

#	ARTICLE	IF	CITATIONS
19	Proactive eavesdropping in UAV-aided mobile relay systems. Eurasip Journal on Wireless Communications and Networking, 2020, 2020, .	2.4	3
20	Graph Signal Compression via Task-Based Quantization. , 2021, , .		3
21	Secure transmission scheme in MIMO communication systems with simultaneous wireless information and power transfer. , 2015, , .		2
22	QoE- Driven Resource Allocation for Secure URLLC in 6G-Enabled IoT Networks. , 2021, , .		2
23	Achievable Rate for Discrete Memoryless Relay Channel with All Three Full Duplex Nodes. , 2011, , .		0
24	Bandwidth and power allocation for Gaussian orthogonal untrusted relay channel. , 2012, , .		0
25	An Algorithm for Fast Implementation of AN-Aided Transmit Design in Secure MIMO System with SWIPT. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2016, E99.A, 2591-2596.	0.3	0
26	Sampling Set Selection for Bandlimited Signals over Perturbed Graph. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2020, E103.A, 845-849.	0.3	0
27	Wireless legitimate surveillance via jamming in MISO cognitive radio networks. Physical Communication, 2020, 40, 101087.	2.1	0
28	Secrecy Rate and Energy Harvesting Trade-off in Cognitive Wireless Energy Transfer Systems. , 2020, , .		0