Jiangbo Si

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5946054/publications.pdf

Version: 2024-02-01

26 papers	467 citations	840776 11 h-index	677142 22 g-index
26 all docs	26 docs citations	26 times ranked	537 citing authors

#	Article	IF	Citations
1	Robust AN-Aided Beamforming and Power Splitting Design for Secure MISO Cognitive Radio With SWIPT. IEEE Transactions on Wireless Communications, 2017, 16, 2450-2464.	9.2	203
2	Covert Transmission Assisted by Intelligent Reflecting Surface. IEEE Transactions on Communications, 2021, 69, 5394-5408.	7.8	46
3	Generative Adversarial Network Assisted Power Allocation for Cooperative Cognitive Covert Communication System. IEEE Communications Letters, 2020, 24, 1463-1467.	4.1	26
4	Generation and Characteristics Analysis of Cognitive-Based High-Performance Wide-Gap FH Sequences. IEEE Transactions on Vehicular Technology, 2015, 64, 5056-5069.	6.3	24
5	Asymptotic Secrecy Outage Performance for TAS/MRC Over Correlated Nakagami-${m}$ Fading Channels. IEEE Transactions on Communications, 2019, 67, 7700-7714.	7.8	23
6	Cooperative Jamming for Secure Transmission With Both Active and Passive Eavesdroppers. IEEE Transactions on Communications, 2020, 68, 5764-5777.	7.8	18
7	Covert Surveillance via Proactive Eavesdropping Under Channel Uncertainty. IEEE Transactions on Communications, 2021, 69, 4024-4037.	7.8	18
8	Secrecy Performance of Multi-Antenna Wiretap Channels With Diversity Combining Over Correlated Rayleigh Fading Channels. IEEE Transactions on Wireless Communications, 2019, 18, 444-458.	9.2	16
9	Physical Layer Security Enhancement Using Artificial Noise in Cellular Vehicle-to-Everything (C-V2X) Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 15253-15268.	6.3	14
10	Intelligent Reflecting Surface-Assisted Proactive Eavesdropping Over Suspicious Broadcasting Communication With Statistical CSI. IEEE Transactions on Vehicular Technology, 2022, 71, 4483-4488.	6.3	13
11	Proactive Eavesdropping via Jamming in UAV-Enabled Suspicious Multiuser Communications. IEEE Wireless Communications Letters, 2022, 11, 3-7.	5.0	11
12	Analysis of asynchronous frequency hopping multipleâ€access network performance based on the frequency hopping sequences. IET Communications, 2015, 9, 117-121.	2.2	10
13	Multiobjective Resource Allocation for mmWave MEC Offloading Under Competition of Communication and Computing Tasks. IEEE Internet of Things Journal, 2022, 9, 8707-8719.	8.7	10
14	SRT analysis of relay selection in the presence of multiple coâ€channel interferers. IET Communications, 2017, 11, 809-816.	2.2	6
15	Covert Wireless Communication With Spectrum Mask in Internet of Things Networks. IEEE Transactions on Communications, 2021, 69, 8402-8415.	7.8	5
16	Cognitive Frequency Hopping Sequences. Chinese Journal of Electronics, 2016, 25, 185-191.	1.5	3
17	Proactive Eavesdropping via Jamming Over Multiple Suspicious Links With Wireless-Powered Monitor. IEEE Signal Processing Letters, 2022, 29, 354-358.	3.6	3
18	Proactive Eavesdropping via Jamming in UAV-Enabled Relaying Systems With Statistical CSI. IEEE Signal Processing Letters, 2022, 29, 1267-1271.	3.6	3

#	Article	IF	Citations
19	Secrecy Performance of Incremental Relaying with Outdated CSI. , 2018, , .		2
20	A Markov Chain-Based Secrecy Outage Probability Analysis of a Full-Duplex Relay Network. IEEE Wireless Communications Letters, 2019, 8, 1718-1721.	5.0	2
21	Performance of Covert Surveillance in Jamming-Aided Eavesdropping System with Channel Uncertainty. , 2019, , .		2
22	Optimal Power Allocation for Secure Transmission with Both Internal and External Eavesdroppers. , 2019, , .		2
23	Physical Layer Security of Vehicular Networks: A Stochastic Geometry Approach. , 2020, , .		2
24	Proactive Eavesdropping via Opportunistic Energy Transfer and Jamming for Wireless-Powered Suspicious Communication. IEEE Transactions on Green Communications and Networking, 2022, 6, 1055-1068.	5.5	2
25	Proactive Eavesdropping With Jamming Power Allocation in Training-Based Suspicious Communications. IEEE Signal Processing Letters, 2022, 29, 667-671.	3.6	2
26	Security-Reliability Tradeoff Analysis in Multisource Multirelay Cooperative Networks with Multiple Cochannel Interferers. Wireless Communications and Mobile Computing, 2018, 2018, 1-12.	1.2	1