# Jiangbo Si

List of Publications by Year
in descending order

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Version: 2024-02-01

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|---|---|---|---|
| 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 | Proactive Eavesdropping via Jamming in UAV-Enabled Suspicious Multiuser Communications. IEEE Wireless Communications Letters, 2022, 11, 3-7. | 5.0 | 11 |
| 2 | 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 |
| 3 | 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 |
| 4 | Proactive Eavesdropping via Jamming Over Multiple Suspicious Links With Wireless-Powered Monitor. IEEE Signal Processing Letters, 2022, 29, 354-358. | 3.6 | 3 |
| 5 | 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 |
| 6 | Proactive Eavesdropping With Jamming Power Allocation in Training-Based Suspicious Communications. IEEE Signal Processing Letters, 2022, 29, 667-671. | 3.6 | 2 |
| 7 | Proactive Eavesdropping via Jamming in UAV-Enabled Relaying Systems With Statistical CSI. IEEE Signal Processing Letters, 2022, 29, 1267-1271. | 3.6 | 3 |
| 8 | Covert Surveillance via Proactive Eavesdropping Under Channel Uncertainty. IEEE Transactions on Communications, 2021, 69, 4024-4037. | 7.8 | 18 |
| 9 | Covert Transmission Assisted by Intelligent Reflecting Surface. IEEE Transactions on Communications, 2021, 69, 5394-5408. | 7.8 | 46 |
| 10 | Covert Wireless Communication With Spectrum Mask in Internet of Things Networks. IEEE Transactions on Communications, 2021, 69, 8402-8415. | 7.8 | 5 |
| 11 | Physical Layer Security of Vehicular Networks: A Stochastic Geometry Approach. , 2020, , . | | 2 |
| 12 | Cooperative Jamming for Secure Transmission With Both Active and Passive Eavesdroppers. IEEE Transactions on Communications, 2020, 68, 5764-5777. | 7.8 | 18 |
| 13 | Generative Adversarial Network Assisted Power Allocation for Cooperative Cognitive Covert Communication System. IEEE Communications Letters, 2020, 24, 1463-1467. | 4.1 | 26 |
| 14 | 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 |
| 15 | Asymptotic Secrecy Outage Performance for TAS/MRC Over Correlated Nakagami-${m}$ Fading Channels. IEEE Transactions on Communications, 2019, 67, 7700-7714. | 7.8 | 23 |
| 16 | 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 |
| 17 | Performance of Covert Surveillance in Jamming-Aided Eavesdropping System with Channel Uncertainty. , 2019, , . | | 2 |
| 18 | Optimal Power Allocation for Secure Transmission with Both Internal and External Eavesdroppers. , 2019, , . | | 2 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | 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 |
| 20 | 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 |
| 21 | Secrecy Performance of Incremental Relaying with Outdated CSI. , 2018, , . | | 2 |
| 22 | SRT analysis of relay selection in the presence of multiple coâ€channel interferers. IET Communications, 2017, 11, 809-816. | 2.2 | 6 |
| 23 | 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 |
| 24 | Cognitive Frequency Hopping Sequences. Chinese Journal of Electronics, 2016, 25, 185-191. | 1.5 | 3 |
| 25 | Analysis of asynchronous frequency hopping multipleâ€access network performance based on the frequency hopping sequences. IET Communications, 2015, 9, 117-121. | 2.2 | 10 |
| 26 | 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 |