Jinsong Hu

List of Publications by Year
in descending order

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28 papers	1,393 citations	623734 14 h-index	752698 20 g-index
28 all docs	28 docs citations	28 times ranked	672 citing authors

#	Article	IF	Citations
1	Low Probability of Detection Communication: Opportunities and Challenges. IEEE Wireless Communications, 2019, 26, 19-25.	9.0	186
2	Achieving Covert Wireless Communications Using a Full-Duplex Receiver. IEEE Transactions on Wireless Communications, 2018, 17, 8517-8530.	9.2	155
3	Artificial-Noise-Aided Secure Transmission With Directional Modulation Based on Random Frequency Diverse Arrays. IEEE Access, 2017, 5, 1658-1667.	4.2	148
4	Covert Communication Achieved by a Greedy Relay in Wireless Networks. IEEE Transactions on Wireless Communications, 2018, 17, 4766-4779.	9.2	129
5	Joint Optimization of a UAV's Trajectory and Transmit Power for Covert Communications. IEEE Transactions on Signal Processing, 2019, 67, 4276-4290.	5.3	122
6	Robust Synthesis Method for Secure Directional Modulation With Imperfect Direction Angle. IEEE Communications Letters, 2016, 20, 1084-1087.	4.1	104
7	Delay-Constrained Covert Communications With a Full-Duplex Receiver. IEEE Wireless Communications Letters, 2019, 8, 813-816.	5.0	91
8	Secure and Precise Wireless Transmission for Random-Subcarrier-Selection-Based Directional Modulation Transmit Antenna Array. IEEE Journal on Selected Areas in Communications, 2018, 36, 890-904.	14.0	88
9	Covert Transmission With a Self-Sustained Relay. IEEE Transactions on Wireless Communications, 2019, 18, 4089-4102.	9.2	61
10	Covert Wireless Communications With Channel Inversion Power Control in Rayleigh Fading. IEEE Transactions on Vehicular Technology, 2019, 68, 12135-12149.	6.3	56
11	Covert Communications with a Full-Duplex Receiver over Wireless Fading Channels. , 2018, , .		48
12	Optimal Detection of UAV's Transmission With Beam Sweeping in Covert Wireless Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 1080-1085.	6.3	34
13	Covert Communication in Wireless Relay Networks. , 2017, , .		32
14	Covert Communications Without Channel State Information at Receiver in IoT systems. IEEE Internet of Things Journal, 2020, 7, 11103-11114.	8.7	27
15	On Resource Allocation in Covert Wireless Communication With Channel Estimation. IEEE Transactions on Communications, 2020, 68, 6456-6469.	7.8	26
16	Two Practical Random-Subcarrier-Selection Methods for Secure Precise Wireless Transmissions. IEEE Transactions on Vehicular Technology, 2019, 68, 9018-9028.	6.3	18
17	Secure precise transmission with multi-relay-aided directional modulation. , 2017, , .		15
18	Machine-learning-based high-resolution DOA measurement and robust directional modulation for hybrid analog-digital massive MIMO transceiver. Science China Information Sciences, 2020, 63, 1.	4.3	14

#	Article	IF	Citations
19	Directional Modulation-Enabled Secure Transmission with Intelligent Reflecting Surface. , 2020, , .		11
20	ML-HGR-Net: A Meta-Learning Network for FMCW Radar Based Hand Gesture Recognition. IEEE Sensors Journal, 2022, 22, 10808-10817.	4.7	11
21	Performance Analysis of Directional Modulation With Finite-Quantized RF Phase Shifters in Analog Beamforming Structure. IEEE Access, 2019, 7, 97457-97465.	4.2	8
22	Cooperative caching for scalable video coding using value-decomposed dimensional networks. China Communications, 2022, 19, 146-161.	3.2	3
23	How Does Repetition Coding Enable Reliable and Covert Communications?. IEEE Wireless Communications Letters, 2021, 10, 639-643.	5.0	2
24	Two low-complexity high-performance linear precoding schemes for secure spatial modulation. Physical Communication, 2020, 41, 101099.	2.1	1
25	Establishing Secrecy Region for Directional Modulation Scheme with Random Frequency Diverse Array. , 2020, , .		1
26	A Deep Gradient Compression Model Based on Tensor-Train Decomposition for Federated Learning. , 2020, , .		1
27	Multiple Antennas-Based Secure Communications With Channel Inversion Power Control. IEEE Wireless Communications Letters, 2022, 11, 781-785.	5.0	1
28	Secure Energy-Efficient Wireless Communication with Lens Antenna Array. , 2020, , .		0