Yiliang Liu

List of Publications by Year in descending order

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17 papers	859 citations	840776 11 h-index	996975 15 g-index
17 all docs	17 docs citations	17 times ranked	1023 citing authors

#	Article	IF	Citations
1	Energy-Efficient and Physical-Layer Secure Computation Offloading in Blockchain-Empowered Internet of Things. IEEE Internet of Things Journal, 2023, 10, 6598-6610.	8.7	21
2	Privacy-Preserving Scheme With Account-Mapping and Noise-Adding for Energy Trading Based on Consortium Blockchain. IEEE Transactions on Network and Service Management, 2022, 19, 569-581.	4.9	11
3	Blockchain-Based Secure and Cooperative Private Charging Pile Sharing Services for Vehicular Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 1857-1874.	6.3	31
4	Content Delivery Analysis in Cellular Networks With Aerial Caching and mmWAVE Backhaul. IEEE Transactions on Vehicular Technology, 2021, 70, 4809-4822.	6.3	20
5	Physical Layer Security Assisted Computation Offloading in Intelligently Connected Vehicle Networks. IEEE Transactions on Wireless Communications, 2021, 20, 3555-3570.	9.2	28
6	Artificial Noise Assisted Secure Mobile Crowd Computing in Intelligently Connected Vehicular Networks. IEEE Transactions on Vehicular Technology, 2021, 70, 7637-7651.	6.3	8
7	Artificial Noise-Assisted Beamforming and Power Allocation for Secure D2D-Enabled V2V Communications. , 2021, , .		2
8	Artificial Noisy MIMO Systems Under Correlated Scattering Rayleigh Fadingâ€"A Physical Layer Security Approach. IEEE Systems Journal, 2020, 14, 2121-2132.	4.6	14
9	Joint Spatial Division and Multiplexing in Massive MIMO: A Neighbor-Based Approach. IEEE Transactions on Wireless Communications, 2020, 19, 7392-7406.	9.2	13
10	Secrecy Rate Maximization via Radio Resource Allocation in Cellular Underlaying V2V Communications. IEEE Transactions on Vehicular Technology, 2020, 69, 7281-7294.	6.3	22
11	Physical Layer Security in Intelligently Connected Vehicle Networks. IEEE Network, 2020, 34, 232-239.	6.9	19
12	Secure Transmission in mmWave Wiretap Channels: On Sector Guard Zone and Blockages. Entropy, 2019, 21, 427.	2.2	2
13	Artificial Noise Assisted MISO System-Power allocation and its SDR Implementation. , 2019, , .		1
14	Secrecy Capacity Analysis of Artificial Noisy MIMO Channelsâ€"An Approach Based on Ordered Eigenvalues of Wishart Matrices. IEEE Transactions on Information Forensics and Security, 2017, 12, 617-630.	6.9	37
15	Physical Layer Security for Next Generation Wireless Networks: Theories, Technologies, and Challenges. IEEE Communications Surveys and Tutorials, 2017, 19, 347-376.	39.4	489
16	Power allocation design and optimization for secure transmission in cognitive relay networks. Security and Communication Networks, 2016, 9, 5133-5142.	1.5	2
17	Message Authentication Using Proxy Vehicles in Vehicular Ad Hoc Networks. IEEE Transactions on Vehicular Technology, 2015, 64, 3697-3710.	6.3	139