

Yiliang Liu

List of Publications by Year in descending order

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17
papers

859
citations

840776

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17
all docs

17
docs citations

17
times ranked

1023
citing authors

#	ARTICLE	IF	CITATIONS
1	Physical Layer Security for Next Generation Wireless Networks: Theories, Technologies, and Challenges. IEEE Communications Surveys and Tutorials, 2017, 19, 347-376.	39.4	489
2	Message Authentication Using Proxy Vehicles in Vehicular Ad Hoc Networks. IEEE Transactions on Vehicular Technology, 2015, 64, 3697-3710.	6.3	139
3	Secrecy Capacity Analysis of Artificial Noisy MIMO Channels—An Approach Based on Ordered Eigenvalues of Wishart Matrices. IEEE Transactions on Information Forensics and Security, 2017, 12, 617-630.	6.9	37
4	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
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	Secrecy Rate Maximization via Radio Resource Allocation in Cellular Underlying V2V Communications. IEEE Transactions on Vehicular Technology, 2020, 69, 7281-7294.	6.3	22
7	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
8	Content Delivery Analysis in Cellular Networks With Aerial Caching and mmWAVE Backhaul. IEEE Transactions on Vehicular Technology, 2021, 70, 4809-4822.	6.3	20
9	Physical Layer Security in Intelligently Connected Vehicle Networks. IEEE Network, 2020, 34, 232-239.	6.9	19
10	Artificial Noisy MIMO Systems Under Correlated Scattering Rayleigh Fading—A Physical Layer Security Approach. IEEE Systems Journal, 2020, 14, 2121-2132.	4.6	14
11	Joint Spatial Division and Multiplexing in Massive MIMO: A Neighbor-Based Approach. IEEE Transactions on Wireless Communications, 2020, 19, 7392-7406.	9.2	13
12	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
13	Artificial Noise Assisted Secure Mobile Crowd Computing in Intelligently Connected Vehicular Networks. IEEE Transactions on Vehicular Technology, 2021, 70, 7637-7651.	6.3	8
14	Power allocation design and optimization for secure transmission in cognitive relay networks. Security and Communication Networks, 2016, 9, 5133-5142.	1.5	2
15	Secure Transmission in mmWave Wiretap Channels: On Sector Guard Zone and Blockages. Entropy, 2019, 21, 427.	2.2	2
16	Artificial Noise-Assisted Beamforming and Power Allocation for Secure D2D-Enabled V2V Communications. , 2021, , .		2
17	Artificial Noise Assisted MISO System-Power allocation and its SDR Implementation. , 2019, , .		1