

# Luo Sheng

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7439788/publications.pdf>

Version: 2024-02-01

37  
papers

496  
citations

759233

12  
h-index

677142

22  
g-index

37  
all docs

37  
docs citations

37  
times ranked

678  
citing authors

#	ARTICLE	IF	CITATIONS
1	Buffer State Based Relay Selection for Buffer-Aided Cooperative Relaying Systems. IEEE Transactions on Wireless Communications, 2015, 14, 5430-5439.	9.2	97
2	Adaptive Transmission for Cooperative NOMA System With Buffer-Aided Relaying. IEEE Communications Letters, 2017, 21, 937-940.	4.1	88
3	Sparse Channel Estimation for Massive MIMO-OFDM Systems Over Time-Varying Channels. IEEE Access, 2018, 6, 33740-33751.	4.2	39
4	Physical Layer Security in Heterogeneous Networks With Pilot Attack: A Stochastic Geometry Approach. IEEE Transactions on Communications, 2018, 66, 6437-6449.	7.8	35
5	UAV-Aided Information and Energy Transmissions for Cognitive and Sustainable 5G Networks. IEEE Transactions on Wireless Communications, 2021, 20, 1668-1683.	9.2	27
6	Throughput of Wireless-Powered Relaying Systems with Buffer-Aided Hybrid Relay. IEEE Transactions on Wireless Communications, 2016, , 1-1.	9.2	26
7	On the Impact of Adaptive Eavesdroppers in Multi-Antenna Cellular Networks. IEEE Transactions on Information Forensics and Security, 2018, 13, 269-279.	6.9	22
8	Spatial Modulation for RIS-Assisted Uplink Communication: Joint Power Allocation and Passive Beamforming Design. IEEE Transactions on Communications, 2021, 69, 7017-7031.	7.8	21
9	Comprehensive Study on MIMO-Related Interference Management in WLANs. IEEE Communications Surveys and Tutorials, 2019, 21, 2087-2110.	39.4	16
10	Joint User Pairing and Subchannel Allocation for Multisubchannel Multiuser Nonorthogonal Multiple Access Systems. IEEE Transactions on Vehicular Technology, 2018, 67, 8238-8248.	6.3	14
11	Energy-Efficient UAV Multicasting With Simultaneous FSO Backhaul and Power Transfer. IEEE Wireless Communications Letters, 2021, 10, 1537-1541.	5.0	14
12	Adaptive Spatial Modulation for Uplink mmWave Communication Systems. IEEE Communications Letters, 2017, 21, 2178-2181.	4.1	13
13	Throughput Maximization for Wireless-Powered Buffer-Aided Cooperative Relaying Systems. IEEE Transactions on Communications, 2016, 64, 2299-2310.	7.8	12
14	Amplify-and-Forward Based Two-Way Relay ARQ System With Relay Combination. IEEE Communications Letters, 2015, 19, 299-302.	4.1	10
15	Spectrum Sharing Based Cognitive UAV Networks via Optimal Beamwidth Allocation. , 2019, , .		8
16	Two-Step User Pairing for OFDM-Based Cooperative NOMA Systems. IEEE Communications Letters, 2020, 24, 903-906.	4.1	7
17	Performance of Space-Shift Keying With Buffer-Aided Amplify-and-Forward Relaying. IEEE Transactions on Vehicular Technology, 2017, 66, 6899-6907.	6.3	6
18	Optimal Wireless Information and Energy Transmissions for UAV-Enabled Cognitive Communication Systems. , 2018, , .		6

#	ARTICLE	IF	CITATIONS
19	Deep Reinforcement Learning-Based Access Control for Buffer-Aided Relaying Systems With Energy Harvesting. IEEE Access, 2020, 8, 145006-145017.	4.2	6
20	Space-Domain Index Modulation for mmWave Cloud Radio Access Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 6215-6229.	6.3	5
21	Performance Analysis of Cooperative NOMA Systems With Adaptive Mode Selection and Subchannel Allocation. IEEE Transactions on Vehicular Technology, 2019, 68, 10981-10990.	6.3	4
22	Decentralized FLL-Assisted PLL Design for Robust GNSS Carrier Tracking. IEEE Communications Letters, 2021, 25, 3379-3383.	4.1	4
23	Diversity&#x2013;multiplexing tradeoff of opportunistic relay system with multiple&#x2013;antenna destination. IET Communications, 2014, 8, 2563-2573.	2.2	2
24	Wireless-powered cooperative communications with buffer-aided relay. , 2016, , .		2
25	Secure Transmission in MISOME Wiretap Channels with Half and Full-Duplex Active Eavesdroppers. , 2017, , .		2
26	Joint User Clustering and Subcarrier Allocation for Downlink Non-Orthogonal Multiple Access Systems. , 2018, , .		2
27	Generalized Space Domain Index Modulation for mmWave Distributed Antenna Systems. IEEE Transactions on Vehicular Technology, 2020, 69, 14067-14071.	6.3	2
28	Macro Spatial Modulation for Uplink mmWave Communication Systems. , 2017, , .		1
29	Spatial Modulation for Dense mmWave Network with Multi-Connectivity. , 2019, , .		1
30	Joint Downlink-Uplink Throughput optimization in Wireless Powered Communication Networks. , 2019, , .		1
31	Adaptive Macro Spatial Modulation for mmWave Dense Networks. IEEE Wireless Communications Letters, 2019, 8, 725-728.	5.0	1
32	Two-Tier NOMA-Based Wireless Powered Communication Networks. IEEE Systems Journal, 2022, 16, 4698-4707.	4.6	1
33	Knowledge-Assisted DRL for Energy Harvesting Based Multi-Access Wireless Communications. , 2021, , .		1
34	Energy efficiency of relaying systems with ARQ and inter-relay listening. , 2013, , .		0
35	Link adaptation schemes for finite-buffer aided relaying systems with asymmetric channels. , 2015, , .		0
36	Uplink Throughput Maximization for Low Latency in Wireless Powered Communication Networks. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
37	Optimal downlink and uplink design in a wireless powered two-user indoor communication system. IET Communications, 0, , .	2.2	0