

Hongjiang Lei

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

63 papers	1,772 citations	22 h-index	41 g-index
70 ext. papers	2,115 ext. citations	4.2 avg, IF	5.25 L-index

#	Paper	IF	Citations
63	A new rate splitting strategy for uplink CR-NOMA systems. <i>IEEE Transactions on Vehicular Technology</i> , 2022 , 1-1	6.8	5
62	Secure Transmission for Energy-Efficient Parallel Mixed FSO/RF System in Presence of Independent Eavesdroppers. <i>IEEE Photonics Journal</i> , 2021 , 1-1	1.8	1
61	Trajectory Design and Communication Resources Allocation for Wireless Powered Secure UAV Communication Systems. <i>IEEE Systems Journal</i> , 2021 , 1-9	4.3	1
60	The Meta Distributions of Secrecy Rate for the Downlink NOMA Systems. <i>IEEE Wireless Communications Letters</i> , 2021 , 10, 291-295	5.9	1
59	Optimization of pre-processing filter for time-reversal multi-user secure transmission systems based on artificial noise 2021 , 109, 102933		3
58	A dCDD-Based Transmit Diversity Scheme for Downlink Pseudo-NOMA Systems. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 20, 1217-1232	9.6	1
57	Secure UAV-to-Vehicle Communications. <i>IEEE Transactions on Communications</i> , 2021 , 69, 5381-5393	6.9	4
56	Secrecy performance for underlay cognitive multi-relaying MISO-RF/SIMO-FSO networks with outdated CSI. <i>Physical Communication</i> , 2021 , 48, 101423	2.2	1
55	On Secure NOMA-based Terrestrial and Aerial IoT Systems. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	1
54	On the Secrecy of UAV Systems With Linear Trajectory. <i>IEEE Transactions on Wireless Communications</i> , 2020 , 19, 6277-6288	9.6	11
53	On the Physical Layer Security of a Decode and Forward Based Mixed FSO/RF Co-Operative System. <i>IEEE Wireless Communications Letters</i> , 2020 , 1-1	5.9	7
52	Physical layer security performance analysis of the time reversal transmission system. <i>IET Communications</i> , 2020 , 14, 635-645	1.3	3
51	Secrecy enhancement of RF backhaul system with parallel FSO communication link. <i>Optics Communications</i> , 2020 , 475, 126193	2	21
50	Performance Analysis of Dual-Hop RF-UWOC Systems. <i>IEEE Photonics Journal</i> , 2020 , 12, 1-15	1.8	20
49	On Secure Mixed RF-FSO Systems With TAS and Imperfect CSI. <i>IEEE Transactions on Communications</i> , 2020 , 68, 4461-4475	6.9	37
48	Detection Performance to Spatially Random UAV Using the Ground Vehicle. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 16320-16324	6.8	4
47	Safeguarding UAV IoT Communication Systems Against Randomly Located Eavesdroppers. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 1230-1244	10.7	25

46	On the Performance of Dual-Hop RF-UWOC System 2020 ,		1
45	Buffer-State-Based Probabilistic Relay Selection for Cooperative Networks With Delay Constraints. <i>IEEE Wireless Communications Letters</i> , 2020 , 9, 1855-1859	5.9	4
44	Secure Cooperative Hybrid VLC-RF Systems. <i>IEEE Transactions on Wireless Communications</i> , 2020 , 19, 7097-7107	9.6	7
43	On Secure Downlink NOMA Systems With Outage Constraint. <i>IEEE Transactions on Communications</i> , 2020 , 68, 7824-7836	6.9	13
42	A dCDD-Based Transmit Diversity for NOMA Systems 2020 ,		1
41	Secrecy Outage Analysis for Cooperative NOMA Systems With Relay Selection Schemes. <i>IEEE Transactions on Communications</i> , 2019 , 67, 6282-6298	6.9	71
40	3-D Hybrid VLC-RF Indoor IoT Systems With Light Energy Harvesting. <i>IEEE Transactions on Green Communications and Networking</i> , 2019 , 3, 853-865	4	22
39	On Physical Layer Security of Multiple-Relay Assisted NOMA Systems 2019 ,		3
38	Online joint power control for cooperative jamming systems with energy harvesting. <i>International Journal of Distributed Sensor Networks</i> , 2019 , 15, 155014771988811	1.7	
37	. <i>IEEE Wireless Communications Letters</i> , 2019 , 8, 564-567	5.9	64
36	Physical Layer Security of Hybrid Satellite-FSO Cooperative Systems. <i>IEEE Photonics Journal</i> , 2019 , 11, 1-14	1.8	49
35	Secrecy Outage of MaxMin TAS Scheme in MIMO-NOMA Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 6981-6990	6.8	60
34	Secure source-relay link based threshold DF relaying scheme. <i>AEU - International Journal of Electronics and Communications</i> , 2018 , 85, 144-149	2.8	3
33	On Physical Layer Security of Double Rayleigh Fading Channels for Vehicular Communications. <i>IEEE Wireless Communications Letters</i> , 2018 , 7, 1038-1041	5.9	63
32	Secrecy Outage Analysis of Mixed RF-FSO Downlink SWIPT Systems. <i>IEEE Transactions on Communications</i> , 2018 , 66, 6384-6395	6.9	73
31	Secrecy Outage Analysis of Mixed RF-FSO Systems With Channel Imperfection. <i>IEEE Photonics Journal</i> , 2018 , 10, 1-13	1.8	59
30	. <i>IEEE Transactions on Vehicular Technology</i> , 2017 , 66, 2237-2250	6.8	93
29	Secrecy Capacity Analysis Over α - μ γ Fading Channels. <i>IEEE Communications Letters</i> , 2017 , 21, 1445-1448	3.8	110

28	Performance Analysis and Optimization for SWIPT Wireless Sensor Networks. <i>IEEE Transactions on Communications</i> , 2017 , 65, 2291-2302	6.9	77
27	On Secure Underlay MIMO Cognitive Radio Networks With Energy Harvesting and Transmit Antenna Selection. <i>IEEE Transactions on Green Communications and Networking</i> , 2017 , 1, 192-203	4	88
26	Secrecy performance analysis of SIMO underlay cognitive radio systems with outdated CSI. <i>IET Communications</i> , 2017 , 11, 1961-1969	1.3	14
25	Cooperative Communications With Wireless Energy Harvesting Over Nakagami- m Fading Channels. <i>IEEE Transactions on Communications</i> , 2017 , 65, 5149-5164	6.9	30
24	On Secure NOMA Systems With Transmit Antenna Selection Schemes. <i>IEEE Access</i> , 2017 , 5, 17450-17464	3.5	105
23	Secrecy performance analysis with optimal DF relay selection of underlay CR networks over Nakagami- m fading channels 2017 ,		2
22	On Secrecy Performance of Mixed RF-FSO Systems. <i>IEEE Photonics Journal</i> , 2017 , 9, 1-14	1.8	71
21	On Secrecy Outage of Relay Selection in Underlay Cognitive Radio Networks Over Nakagami- m Fading Channels. <i>IEEE Transactions on Cognitive Communications and Networking</i> , 2017 , 3, 614-627	6.6	53
20	On 3-D Hybrid VLC-RF Systems with Light Energy Harvesting and OMA Scheme over RF Links 2017 ,		20
19	Secrecy Outage Analysis on Underlay Cognitive Radio System With Full-Duplex Secondary User. <i>IEEE Access</i> , 2017 , 5, 25696-25705	3.5	7
18	Outage of relay simultaneous wireless information and power transfer with GSC and finite storage in Nakagami- m fading. <i>IET Communications</i> , 2017 , 11, 1871-1881	1.3	6
17	Physical-layer security over generalised-K fading channels. <i>IET Communications</i> , 2016 , 10, 2233-2237	1.3	14
16	Secrecy performance analysis of single-input multiple-output generalized-K fading channels. <i>Frontiers of Information Technology and Electronic Engineering</i> , 2016 , 17, 1074-1084	2.2	4
15	On Secrecy Performance of MISO SWIPT Systems With TAS and Imperfect CSI. <i>IEEE Transactions on Communications</i> , 2016 , 64, 3831-3843	6.9	107
14	Secrecy Outage Performance for SIMO Underlay Cognitive Radio Systems With Generalized Selection Combining Over Nakagami- m Channels. <i>IEEE Transactions on Vehicular Technology</i> , 2016 , 65, 10126-10132	6.8	52
13	Performance modeling and analysis on conditional DF relaying scheme over Nakagami- m fading channels with integral m . <i>AEU - International Journal of Electronics and Communications</i> , 2016 , 70, 743-749	2.8	11
12	On Physical-Layer Security Over SIMO Generalized- K Fading Channels. <i>IEEE Transactions on Vehicular Technology</i> , 2016 , 65, 7780-7785	6.8	61
11	Performance Analysis of Physical Layer Security Over Generalized- K Fading Channels Using a Mixture Gamma Distribution. <i>IEEE Communications Letters</i> , 2016 , 20, 408-411	3.8	82

10	On secrecy outage of MISO SWIPT systems in the presence of imperfect CSI 2016 ,		2
9	Secrecy Outage Performance for Underlay MIMO CRNs with Energy Harvesting and Transmit Antenna Selection 2016 ,		7
8	Security Performance Analysis of SIMO Generalized-K Fading Channels Using a Mixture Gamma Distribution 2016 ,		6
7	2016 ,		1
6	Secrecy Outage Analysis for SIMO Underlay Cognitive Radio Networks over Generalized- χ^2 Fading Channels. <i>IEEE Signal Processing Letters</i> , 2016 , 1-1	3.2	17
5	On Physical Layer Security Over Generalized Gamma Fading Channels. <i>IEEE Communications Letters</i> , 2015 , 19, 1257-1260	3.8	79
4	A New Multi-channel MAC Protocol for 802.11-based Wireless Mesh Networks 2012 ,		3
3	An Efficient and Rapid Address Assignment Algorithm for LR-WPAN Meshes. <i>Communications in Computer and Information Science</i> , 2012 , 813-820	0.3	1
2	Wait-Time-based Multi-channel MAC Protocol for Wireless Mesh Networks. <i>Journal of Networks</i> , 2012 , 7,		2
1	Survey of multi-channel MAC protocols for IEEE 802.11-based wireless Mesh networks. <i>Journal of China Universities of Posts and Telecommunications</i> , 2011 , 18, 33-44		7