Hongjiang Lei

List of Publications by Citations

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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	Secrecy Capacity Analysis Over $alpha - mu $ Fading Channels. *IEEE Communications Letters*, **2017**, 21, 1445-1448	3.8	110
62	On Secrecy Performance of MISO SWIPT Systems With TAS and Imperfect CSI. *IEEE Transactions on Communications*, **2016**, 64, 3831-3843	6.9	107
61	On Secure NOMA Systems With Transmit Antenna Selection Schemes. *IEEE Access*, **2017**, 5, 17450-17464	3.5	105
60	. *IEEE Transactions on Vehicular Technology*, **2017**, 66, 2237-2250	6.8	93
59	On Secure Underlay MIMO Cognitive Radio Networks With Energy Harvesting and Transmit Antenna Selection. *IEEE Transactions on Green Communications and Networking*, **2017**, 1, 192-203	4	88
58	Performance Analysis of Physical Layer Security Over Generalized-K Fading Channels Using a Mixture Gamma Distribution. *IEEE Communications Letters*, **2016**, 20, 408-411	3.8	82
57	On Physical Layer Security Over Generalized Gamma Fading Channels. *IEEE Communications Letters*, **2015**, 19, 1257-1260	3.8	79
56	Performance Analysis and Optimization for SWIPT Wireless Sensor Networks. *IEEE Transactions on Communications*, **2017**, 65, 2291-2302	6.9	77
55	Secrecy Outage Analysis of Mixed RF-FSO Downlink SWIPT Systems. *IEEE Transactions on Communications*, **2018**, 66, 6384-6395	6.9	73
54	Secrecy Outage Analysis for Cooperative NOMA Systems With Relay Selection Schemes. *IEEE Transactions on Communications*, **2019**, 67, 6282-6298	6.9	71
53	On Secrecy Performance of Mixed RF-FSO Systems. *IEEE Photonics Journal*, **2017**, 9, 1-14	1.8	71
52	. *IEEE Wireless Communications Letters*, **2019**, 8, 564-567	5.9	64
51	On Physical Layer Security of Double Rayleigh Fading Channels for Vehicular Communications. *IEEE Wireless Communications Letters*, **2018**, 7, 1038-1041	5.9	63
50	On Physical-Layer Security Over SIMO Generalized-K Fading Channels. *IEEE Transactions on Vehicular Technology*, **2016**, 65, 7780-7785	6.8	61
49	Secrecy Outage of Max-Min TAS Scheme in MIMO-NOMA Systems. *IEEE Transactions on Vehicular Technology*, **2018**, 67, 6981-6990	6.8	60
48	Secrecy Outage Analysis of Mixed RF-FSO Systems With Channel Imperfection. *IEEE Photonics Journal*, **2018**, 10, 1-13	1.8	59
47	On Secrecy Outage of Relay Selection in Underlay Cognitive Radio Networks Over Nakagami- m Fading Channels. *IEEE Transactions on Cognitive Communications and Networking*, **2017**, 3, 614-627	6.6	53

46	Secrecy Outage Performance for SIMO Underlay Cognitive Radio Systems With Generalized Selection Combining Over Nakagami-m Channels. *IEEE Transactions on Vehicular Technology*, **2016**, 65, 10126-10132	6.8	52
45	Physical Layer Security of Hybrid Satellite-FSO Cooperative Systems. *IEEE Photonics Journal*, **2019**, 11, 1-14	1.8	49
44	On Secure Mixed RF-FSO Systems With TAS and Imperfect CSI. *IEEE Transactions on Communications* , **2020**, 68, 4461-4475	6.9	37
43	Cooperative Communications With Wireless Energy Harvesting Over Nakagami- m Fading Channels. *IEEE Transactions on Communications*, **2017**, 65, 5149-5164	6.9	30
42	Safeguarding UAV IoT Communication Systems Against Randomly Located Eavesdroppers. *IEEE Internet of Things Journal*, **2020**, 7, 1230-1244	10.7	25
41	3-D Hybrid VLC-RF Indoor IoT Systems With Light Energy Harvesting. *IEEE Transactions on Green Communications and Networking*, **2019**, 3, 853-865	4	22
40	Secrecy enhancement of RF backhaul system with parallel FSO communication link. *Optics Communications*, **2020**, 475, 126193	2	21
39	Performance Analysis of Dual-Hop RF-UWOC Systems. *IEEE Photonics Journal*, **2020**, 12, 1-15	1.8	20
38	On 3-D Hybrid VLC-RF Systems with Light Energy Harvesting and OMA Scheme over RF Links **2017**,		20
37	Secrecy Outage Analysis for SIMO Underlay Cognitive Radio Networks over Generalized- K Fading Channels. *IEEE Signal Processing Letters*, **2016**, 1-1	3.2	17
36	Secrecy performance analysis of SIMO underlay cognitive radio systems with outdated CSI. *IET Communications*, **2017**, 11, 1961-1969	1.3	14
35	Physical-layer security over generalised-K fading channels. *IET Communications*, **2016**, 10, 2233-2237	1.3	14
34	On Secure Downlink NOMA Systems With Outage Constraint. *IEEE Transactions on Communications*, **2020**, 68, 7824-7836	6.9	13
33	On the Secrecy of UAV Systems With Linear Trajectory. *IEEE Transactions on Wireless Communications*, **2020**, 19, 6277-6288	9.6	11
32	Performance modeling and analysis on conditional DF relaying scheme over Nakagami-m fading channels with integral m. *AEU - International Journal of Electronics and Communications*, **2016**, 70, 743-749	2.8	11
31	On the Physical Layer Security of a Decode and Forward Based Mixed FSO/RF Co-Operative System. *IEEE Wireless Communications Letters*, **2020**, 1-1	5.9	7
30	Secrecy Outage Analysis on Underlay Cognitive Radio System With Full-Duplex Secondary User. *IEEE Access*, **2017**, 5, 25696-25705	3.5	7
29	Survey of multi-channel MAC protocols for IEEE 802.11-based wireless Mesh networks. *Journal of China Universities of Posts and Telecommunications*, **2011**, 18, 33-44		7

28	Secure Cooperative Hybrid VLC-RF Systems. *IEEE Transactions on Wireless Communications*, **2020**, 19, 7097-7107	9.6	7
27	Secrecy Outage Performance for Underlay MIMO CRNs with Energy Harvesting and Transmit Antenna Selection **2016**,		7
26	Outage of relay simultaneous wireless information and power transfer with GSC and finite storage in Nakagami-m fading. *IET Communications*, **2017**, 11, 1871-1881	1.3	6
25	Security Performance Analysis of SIMO Generalized-K Fading Channels Using a Mixture Gamma Distribution **2016**,		6
24	A new rate splitting strategy for uplink CR-NOMA systems. *IEEE Transactions on Vehicular Technology*, **2022**, 1-1	6.8	5
23	Secrecy performance analysis of single-input multiple-output generalized-K fading channels. *Frontiers of Information Technology and Electronic Engineering*, **2016**, 17, 1074-1084	2.2	4
22	Detection Performance to Spatially Random UAV Using the Ground Vehicle. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 16320-16324	6.8	4
21	Buffer-State-Based Probabilistic Relay Selection for Cooperative Networks With Delay Constraints. *IEEE Wireless Communications Letters*, **2020**, 9, 1855-1859	5.9	4
20	Secure UAV-to-Vehicle Communications. *IEEE Transactions on Communications*, **2021**, 69, 5381-5393	6.9	4
19	Physical layer security performance analysis of the time reversal transmission system. *IET Communications*, **2020**, 14, 635-645	1.3	3
18	Secure source-relay link based threshold DF relaying scheme. *AEU - International Journal of Electronics and Communications*, **2018**, 85, 144-149	2.8	3
17	On Physical Layer Security of Multiple-Relay Assisted NOMA Systems **2019**,		3
16	A New Multi-channel MAC Protocol for 802.11-based Wireless Mesh Networks **2012**,		3
15	Optimization of pre-processing filter for time-reversal multi-user secure transmission systems based on artificial noise **2021**, 109, 102933		3
14	Secrecy performance analysis with optimal DF relay selection of underlay CR networks over Nakagami-m fading channels **2017**,		2
13	Wait-Time-based Multi-channel MAC Protocol for Wireless Mesh Networks. *Journal of Networks*, **2012**, 7,		2
12	On secrecy outage of MISO SWIPT systems in the presence of imperfect CSI **2016**,		2
11	Secure Transmission for Energy-Efficient Parallel Mixed FSO/RF System in Presence of Independent Eavesdroppers. *IEEE Photonics Journal*, **2021**, 1-1	1.8	1

10	Trajectory Design and Communication Resources Allocation for Wireless Powered Secure UAV Communication Systems. *IEEE Systems Journal*, **2021**, 1-9	4.3	1
9	An Efficient and Rapid Address Assignment Algorithm for LR-WPAN Meshes. *Communications in Computer and Information Science*, **2012**, 813-820	0.3	1
8	On the Performance of Dual-Hop RF-UWOC System **2020**,		1
7	A dCDD-Based Transmit Diversity for NOMA Systems **2020**,		1
6	**2016**,		1
5	The Meta Distributions of Secrecy Rate for the Downlink NOMA Systems. *IEEE Wireless Communications Letters*, **2021**, 10, 291-295	5.9	1
4	A dCDD-Based Transmit Diversity Scheme for Downlink Pseudo-NOMA Systems. *IEEE Transactions on Wireless Communications*, **2021**, 20, 1217-1232	9.6	1
3	Secrecy performance for underlay cognitive multi-relaying MISO-RF/SIMO-FSO networks with outdated CSI. *Physical Communication*, **2021**, 48, 101423	2.2	1
2	On Secure NOMA-based Terrestrial and Aerial IoT Systems. *IEEE Internet of Things Journal*, **2021**, 1-1	10.7	1
1	Online joint power control for cooperative jamming systems with energy harvesting. *International Journal of Distributed Sensor Networks*, **2019**, 15, 155014771988811	1.7	