

# Kwok Hung Li

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7932861/publications.pdf>

Version: 2024-02-01

120  
papers

2,035  
citations

304743

22  
h-index

265206

42  
g-index

120  
all docs

120  
docs citations

120  
times ranked

1749  
citing authors

#	ARTICLE	IF	CITATIONS
1	Two-Tier NOMA-Based Wireless Powered Communication Networks. IEEE Systems Journal, 2022, 16, 4698-4707.	4.6	1
2	Downlink and Uplink Intelligent Reflecting Surface Aided Networks: NOMA and OMA. IEEE Transactions on Wireless Communications, 2021, 20, 3988-4000.	9.2	115
3	Non-Orthogonal Multiple Access (NOMA) With Multiple Intelligent Reflecting Surfaces. IEEE Transactions on Wireless Communications, 2021, 20, 7184-7195.	9.2	34
4	Two-Step User Pairing for OFDM-Based Cooperative NOMA Systems. IEEE Communications Letters, 2020, 24, 903-906.	4.1	7
5	Outage Performance of Downlink IRS-Assisted NOMA Systems. , 2020, , .		13
6	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
7	Modelling and analysis for two-tier HCNs with co-tier and cross-tier separation dependencies. IET Communications, 2019, 13, 2639-2648.	2.2	0
8	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
9	Joint User Clustering and Subcarrier Allocation for Downlink Non-Orthogonal Multiple Access Systems. , 2018, , .		2
10	Study of distance distributions and clustered user association in separation based two-tier HCNs. , 2018, , .		0
11	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
12	Physical Layer Security in Heterogeneous Networks With Pilot Attack: A Stochastic Geometry Approach. IEEE Transactions on Communications, 2018, 66, 6437-6449.	7.8	35
13	Optimal Spectrum Access and Energy Supply for Cognitive Radio Systems With Opportunistic RF Energy Harvesting. IEEE Transactions on Vehicular Technology, 2017, 66, 7114-7122.	6.3	41
14	Artificial Noise Aided Physical Layer Security in Multi-Antenna Small-Cell Networks. IEEE Transactions on Information Forensics and Security, 2017, 12, 1470-1482.	6.9	72
15	A 1-Persistent Based Spectrum Sensing Among the Stochastic Cooperative Users in the Presence of the State-Variable Primary User. IEEE Transactions on Wireless Communications, 2017, 16, 5284-5295.	9.2	2
16	Adaptive Spatial Modulation for Uplink mmWave Communication Systems. IEEE Communications Letters, 2017, 21, 2178-2181.	4.1	13
17	Interference exploitation for enhanced security in D2D spectrum sharing networks. , 2017, , .		1
18	Secrecy Throughput Maximization for MISO Multi-Eavesdropper Wiretap Channels. IEEE Transactions on Information Forensics and Security, 2017, 12, 505-515.	6.9	34

#	ARTICLE	IF	CITATIONS
19	Secure Transmission in MISOME Wiretap Channels with Half and Full-Duplex Active Eavesdroppers. , 2017, , .		2
20	Macro Spatial Modulation for Uplink mmWave Communication Systems. , 2017, , .		1
21	Opportunistic spectrum access with temporal-spatial reuse in cognitive radio networks. , 2016, , .		4
22	Relay Selection for Secure Successive AF Relaying Networks With Untrusted Nodes. IEEE Transactions on Information Forensics and Security, 2016, 11, 2466-2476.	6.9	53
23	Secure Cooperative AF Relaying Networks with Untrustworthy Relay Nodes. , 2016, , .		0
24	Enhanced Physical Layer Security in D2D Spectrum Sharing Networks. IEEE Wireless Communications Letters, 2016, , 1-1.	5.0	43
25	Study of Three-Dimensional Beamforming Strategies in Cellular Networks With Clustered User Distribution. IEEE Transactions on Vehicular Technology, 2016, 65, 10208-10213.	6.3	10
26	Learning Temporal-Spatial Spectrum Reuse. IEEE Transactions on Communications, 2016, 64, 3092-3103.	7.8	22
27	Application of Extra Sensing by Stochastic-Modeled Secondary Users Over a Medium-Traffic Network. IEEE Transactions on Wireless Communications, 2016, 15, 5708-5718.	9.2	1
28	Dynamic Cooperative Sensing-Access Policy for Energy-Harvesting Cognitive Radio Systems. IEEE Transactions on Vehicular Technology, 2016, 65, 10137-10141.	6.3	27
29	Secure Transmission Against Pilot Spoofing Attack: A Two-Way Training-Based Scheme. IEEE Transactions on Information Forensics and Security, 2016, 11, 1017-1026.	6.9	68
30	Distributed Optimization for Resilient Transmission of Confidential Information in Interference Channels. IEEE Transactions on Vehicular Technology, 2016, , 1-1.	6.3	2
31	Generalized Relay Selection for Improved Security in Cooperative DF Relay Networks. IEEE Wireless Communications Letters, 2016, 5, 28-31.	5.0	49
32	Channel Selection in Multichannel Cognitive Radio Systems Employing RF Energy Harvesting. IEEE Transactions on Vehicular Technology, 2016, 65, 457-462.	6.3	33
33	Energy-Harvesting Cognitive Radio Systems Cooperating for Spectrum Sensing and Utilization. , 2015, , .		4
34	Distribution of observed energy level over medium-traffic primary network using improved energy detector. , 2015, , .		0
35	Detection of pilot spoofing attack in multi-antenna systems via energy-ratio comparison. , 2015, , .		1
36	An Energy-Ratio-Based Approach for Detecting Pilot Spoofing Attack in Multiple-Antenna Systems. IEEE Transactions on Information Forensics and Security, 2015, 10, 932-940.	6.9	119

#	ARTICLE	IF	CITATIONS
37	Cooperative IDEED in a medium-traffic primary network over Rayleigh-faded sensing channels. , 2015, , .		0
38	Performance Analysis of Two-Dimensional Massive Antenna Arrays for Future Mobile Networks. IEEE Transactions on Vehicular Technology, 2015, 64, 5400-5405.	6.3	10
39	Performance evaluation of improved double-threshold energy detector over Rayleigh-faded sensing and imperfect reporting channels. Physical Communication, 2015, 17, 58-71.	2.1	5
40	A two-way training method for defending against pilot spoofing attack in MISO systems. , 2015, , .		2
41	Distributed Boundary Estimation for Spectrum Sensing in Cognitive Radio Networks. IEEE Journal on Selected Areas in Communications, 2014, 32, 1961-1973.	14.0	12
42	Cooperative Spectrum Sensing in a Medium-Traffic Primary Network Using Double-Threshold Scheme over Imperfect Reporting Channels. , 2014, , .		3
43	Distributed opportunistic spectrum access with spatial reuse in cognitive radio networks. , 2014, , .		2
44	Throughput analysis of secondary network over a medium-traffic primary network using cooperative spectrum sensing. , 2014, , .		0
45	Analysis of beam pattern and spatial capacity of massive antenna array networks with non-uniform user distribution. , 2014, , .		0
46	A Semidefinite Relaxation Approach for Beamforming in Cooperative Clustered Multicell Systems With Novel Limited Feedback Scheme. IEEE Transactions on Vehicular Technology, 2014, 63, 1740-1748.	6.3	12
47	Energy efficient cognitive radio network based on multiband sensing and spectrum sharing. IET Communications, 2014, 8, 1499-1507.	2.2	14
48	Achieving Secrecy of MISO Fading Wiretap Channels via Jamming and Precoding With Imperfect Channel State Information. IEEE Wireless Communications Letters, 2014, 3, 357-360.	5.0	22
49	Detection and countermeasure of interference in slow FH/MFSK systems over fading channels. Physical Communication, 2014, 10, 11-23.	2.1	4
50	Energy-Harvesting Cognitive Radio Systems Cooperating for Spectrum Sensing and Utilization. , 2014, , .		0
51	Low-complexity channel estimation and turbo equalisation for high frequency channels. IET Communications, 2013, 7, 980-987.	2.2	5
52	Jamming Rejection Using FFH/MFSK ML Receiver Over Fading Channels With the Presence of Timing and Frequency Offsets. IEEE Transactions on Information Forensics and Security, 2013, 8, 1195-1200.	6.9	12
53	Novel channel covariance matrix feedback strategy in coordinated multicell MISO networks. , 2013, , .		0
54	Classification of follower/stationary interference and multitone interference/partial-band interference in slow frequency-hopping systems. , 2013, , .		0

#	ARTICLE	IF	CITATIONS
55	Performance study of scan-and-wait combining over Nakagami-q (Hoyt) fading channels. , 2013, , .		0
56	Analysis of Transmit Antenna Selection With Switch-and-Examine Combining With Postselection at the Receiver Over Rayleigh Fading Channels. IEEE Transactions on Vehicular Technology, 2013, 62, 2859-2865.	6.3	9
57	Energy-Efficient Joint Design of Sensing and Transmission Durations for Protection of Primary User in Cognitive Radio Systems. IEEE Communications Letters, 2013, 17, 565-568.	4.1	96
58	Transmit Antenna Selection Systems: A Performance Comparison of Different Types of Receiver Schemes. IEEE Vehicular Technology Magazine, 2013, 8, 104-112.	3.4	19
59	Joint Message-Passing Decoding of LDPC Codes and 2-D ISI Channels. IEEE Transactions on Magnetics, 2013, 49, 675-681.	2.1	8
60	Throughput optimization of double-threshold based improved energy detection in cooperative sensing over imperfect reporting channels. , 2013, , .		6
61	Interference detection in slow frequency-chopped quadrature phase-shift-keying systems over fading channels. IET Communications, 2013, 7, 1317-1321.	2.2	1
62	Joint design of sensing and transmission in energy-efficient cognitive radio systems over fading channels. IET Communications, 2013, 7, 577-584.	2.2	32
63	Analysis of transmit antenna selection with output-threshold generalised selection combining over Rayleigh fading. IET Communications, 2013, 7, 1587-1595.	2.2	4
64	Secure Transmission with Hybrid Relay Scheme: Relaying and Jamming. , 2013, , .		0
65	Distributed boundary estimation for spectrum sensing in cognitive radio networks. , 2013, , .		1
66	Semidefinite relaxation based beamforming in clustered cooperative multicell MISO systems. , 2013, , .		2
67	Performance analysis of synchronous FFH-MA systems with ML receiver over frequency-selective Rayleigh-fading channels. , 2012, , .		0
68	Detection of partial-band noise interference in slow FH/QPSK systems. , 2012, , .		3
69	Iterative detection scheme with LDPC codes for two-dimensional interference channels. , 2012, , .		1
70	Joint Iterative Detection/Decoding Scheme for Discrete Two-Dimensional Interference Channels. IEEE Transactions on Communications, 2012, 60, 3548-3555.	7.8	22
71	An Efficient Successive Relaying Protocol for Multiple-Relay Cooperative Networks. IEEE Transactions on Wireless Communications, 2012, 11, 1892-1899.	9.2	36
72	DMT performance analysis of a symmetric two-user interference channel with multiple full-duplex relays. , 2012, , .		2

#	ARTICLE	IF	CITATIONS
73	Detection of interference in slow FH/16-QAM systems using generalized likelihood ratio test. , 2012, , .		1
74	Analysis of transmit antenna selection/switch-and-examine combining over Nakagami-m fading channels. , 2012, , .		0
75	Downlink beamforming in clustered cooperative multicell MIMO systems. , 2012, , .		0
76	Low-complexity iterative receivers with adaptive channel estimation algorithm over high frequency waveform channels. , 2012, , .		1
77	Performance Study of Transmit Antenna Selection With Switch-and-Examine Combining Over Rayleigh Fading. IEEE Transactions on Vehicular Technology, 2012, 61, 4205-4211.	6.3	13
78	Performance Analysis of Orthogonal Space-Time Block Code With Minimum-Selection Generalized Selection Combining Receiver Over Rayleigh Fading. IEEE Transactions on Vehicular Technology, 2012, 61, 1463-1467.	6.3	7
79	Performance Evaluation of Maximum-Likelihood Page Detection for 2-D Interference Channel. IEEE Transactions on Magnetics, 2012, 48, 2239-2242.	2.1	4
80	Detection and classification of unknown MTI and PBNJ in slow FH/BFSK systems over Rayleigh fading channels. , 2011, , .		0
81	Effects of composite PBNJ and MTJ on FFH/MFSK systems with maximum-likelihood receiver over frequency-selective fading channels. , 2011, , .		1
82	Multitone interference detection after dehopping process in slow FH/BFSK systems over Rayleigh fading channels. , 2011, , .		2
83	Performance Analysis of LDPC Codes with Maximum-Ratio Combining Cascaded with Selection Combining over Nakagami-m Fading. IEEE Transactions on Wireless Communications, 2011, 10, 1886-1894.	9.2	20
84	Secure Communication in Multiantenna Cognitive Radio Networks With Imperfect Channel State Information. IEEE Transactions on Signal Processing, 2011, 59, 1683-1693.	5.3	117
85	Energy-Efficient Design of Sequential Channel Sensing in Cognitive Radio Networks: Optimal Sensing Strategy, Power Allocation, and Sensing Order. IEEE Journal on Selected Areas in Communications, 2011, 29, 1648-1659.	14.0	241
86	Performance Analysis of Two-User Cooperative Multiple Access Systems With DF Relaying and Superposition Modulation. IEEE Transactions on Vehicular Technology, 2011, 60, 3118-3126.	6.3	14
87	Analysis of MIMO Diversity With LDPC Codes Based on a Gaussian Approximation Approach Over Rayleigh Fading Channels. IEEE Transactions on Vehicular Technology, 2011, 60, 4650-4656.	6.3	11
88	Maximum-Likelihood FFH/MFSK Receiver over Rayleigh-Fading Channels with Composite Effects of MTJ and PBNJ. IEEE Transactions on Communications, 2011, 59, 675-679.	7.8	23
89	Performance and diversity analysis of decode-and-forward cooperative system over Nakagami-m fading channels. Wireless Communications and Mobile Computing, 2011, 11, 742-749.	1.2	10
90	Detection of Unknown Multitone Interference Using the AR Method in Slow FH/BFSK Systems over Rayleigh Fading Channels. , 2011, , .		3

#	ARTICLE	IF	CITATIONS
91	Symbol-error rate of selection combining over two-wave with diffuse power fading. , 2011, , .		12
92	Analysis of Asynchronous Band-Limited DS-CDMA with MMSE Multiuser Detector over Generalized-k Fading Channels. Wireless Personal Communications, 2010, 53, 581-590.	2.7	0
93	An Achievable Rate Region for the Cognitive Interference Channel With Causal Bidirectional Cooperation. IEEE Transactions on Vehicular Technology, 2010, 59, 1721-1728.	6.3	4
94	Reduced-State Bahlâ€“Cockeâ€“Jalinekâ€“Raviv Detector for Patterned Media Storage. IEEE Transactions on Magnetics, 2010, 46, 4108-4110.	2.1	5
95	Enhanced BIOlogically-inspired Spectrum Sharing for cognitive radio networks. , 2010, , .		9
96	Comments on "Variable Explicit Regularization in Affine Projection Algorithm: Robustness Issues and Optimal Choice. IEEE Transactions on Signal Processing, 2010, 58, 3952-3953.	5.3	1
97	Performance analysis of LDPC codes with selection diversity combining over identical and non-identical rayleigh fading channels. IEEE Communications Letters, 2010, 14, 333-335.	4.1	12
98	Efficient BER computation of LDPC coded SC/MRC systems over Rayleigh fading. , 2010, , .		1
99	Performance of two-way amplify-and-forward relay networks over asymmetric channels. , 2009, , .		7
100	An optimum diversity-combining technique for FFH/MFSK communication systems over frequency-selective fading channels with multitone jamming. , 2009, , .		0
101	Sensing-throughput tradeoff for cognitive radio networks: A multiple-channel scenario. , 2009, , .		36
102	A Low-Complexity Kalman Approach for Channel Estimation in Doubly-Selective OFDM Systems. IEEE Signal Processing Letters, 2009, 16, 632-635.	3.6	25
103	Error probability analysis of FFH/MFSK receivers over frequency-selective Rician-fading channels with partial-band-noise jamming. IEEE Transactions on Communications, 2009, 57, 2880-2885.	7.8	19
104	Analysis of MIMO Band-Limited DS-CDMA Systems in the Presence of Multitone Jamming Over Generalized-\$K\$ Fading Channels. IEEE Transactions on Vehicular Technology, 2009, 58, 3825-3829.	6.3	5
105	Pseudocoherent Detection of OOK/PPM Signals as Zero-Delay Transmitted-Reference Signals With Bandpass Downsampling for UWB Communications. IEEE Transactions on Vehicular Technology, 2009, 58, 4141-4148.	6.3	8
106	Blind identification of convolutional interleaver parameters. , 2009, , .		10
107	How Much Time is Needed for Qideband Spectrum Sensing?. IEEE Transactions on Wireless Communications, 2009, 8, 5466-5471.	9.2	160
108	Achieving cognitive and secure transmissions using multiple antennas. , 2009, , .		12

#	ARTICLE	IF	CITATIONS
109	Delay coefficients based variable step size algorithm for subband affine projection adaptive filters. IEICE Electronics Express, 2009, 6, 20-26.	0.8	3
110	Delay Coefficients Based Variable Regularization Subband Affine Projection Algorithms in Acoustic Echo Cancellation Applications. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2009, E92-A, 1699-1703.	0.3	3
111	Performance Analysis of a Maximum-Likelihood FFH/MFSK Receiver with Partial-Band-Noise Jamming over Frequency-Selective Fading Channels. IEEE Communications Letters, 2008, 12, 401-403.	4.1	14
112	Rejection of Multitone Jamming for FFH/MFSK Spread-Spectrum Systems over Frequency-Selective Rayleigh-Fading Channels. IEEE Vehicular Technology Conference, 2008, , .	0.4	4
113	Suppression of partial-band-noise jamming for FFH/MFSK systems over frequency-selective Rician-fading channels. , 2008, , .		0
114	Adaptive Window Length Estimation for Channel Estimation in CDMA Receivers. , 2007, , .		0
115	Gallager Bounds for Noncoherent Decoders in Fading Channels. IEEE Transactions on Information Theory, 2007, 53, 4605-4614.	2.4	3
116	Low-Complexity Iterative Receiver for Interleaved FDMA (IFDMA) with Cyclic Delay Diversity. , 2006, , .		1
117	Multisampling decision-feedback linear prediction receivers for differential space-time modulation over rayleigh fast-fading channels. IEEE Transactions on Communications, 2003, 51, 1214-1223.	7.8	9
118	Evaluation of forward-link performance in cellular DS-CDMA with Rayleigh fading and power control. International Journal of Communication Systems, 2001, 14, 243-250.	2.5	3
119	Title is missing!. Wireless Personal Communications, 2001, 18, 275-287.	2.7	7
120	Effect of intercell pilot signals on cellular CDMA forward link. International Journal of Communication Systems, 1999, 12, 167-173.	2.5	0