

Yong-Hwan Lee

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/11221435/yong-hwan-lee-publications-by-year.pdf>

Version: 2024-04-19

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

68

papers

421

citations

10

h-index

17

g-index

115

ext. papers

549

ext. citations

5

avg, IF

3.38

L-index

#	Paper	IF	Citations
68	Cross-tier interference mitigation in a cellular system with small moving cells 2019 ,		2
67	Estimation of MIMO Channel with Imperfect Channel Correlation Information. <i>Wireless Personal Communications</i> , 2017 , 95, 3377-3389	1.9	1
66	Interference-Robust Transmission in Wireless Sensor Networks. <i>Sensors</i> , 2016 , 16,	3.8	4
65	Complexity reduced zero-forcing beamforming in massive MIMO systems 2014 ,		15
64	Transmission performance of wireless sensor networks in the presence of co-channel interference 2014 ,		2
63	Uplink Channel Sounding in TDD-OFDM Cellular Systems. <i>Wireless Personal Communications</i> , 2013 , 73, 563-585	1.9	2
62	Robust transmission of the IEEE 802.15.4 signal in the presence of co-channel interference 2013 ,		2
61	Alleviation of contention collision in IEEE 802.15.4 networks 2013 ,		3
60	Spectrum Sensing Based on Antenna Correlation in Cognitive Radio Systems. <i>Wireless Personal Communications</i> , 2012 , 63, 703-712	1.9	4
59	. <i>Journal of Communications and Networks</i> , 2012 , 14, 252-256	4.1	14
58	Mitigation of Co-Channel Interference in Bluetooth Piconets. <i>IEEE Transactions on Wireless Communications</i> , 2012 , 11, 1249-1254	9.6	12
57	Coordinated User Scheduling Based on Hybrid CSI in Multi-User MIMO Relay System with Limited Feedback. <i>Wireless Personal Communications</i> , 2012 , 67, 937-950	1.9	
56	Scalable network joining mechanism in wireless sensor networks 2012 ,		10
55	Multi-user coherent beamforming in packet-based wireless systems. <i>Transactions on Emerging Telecommunications Technologies</i> , 2012 , 23, 472-479	1.9	2
54	Distributed Scalable Network Association in Wireless Sensor Networks 2012 ,		2
53	Multisector Eigenbeamforming With MMSE Reception in Spatially Correlated Channels. <i>IEEE Transactions on Vehicular Technology</i> , 2011 , 60, 745-749	6.8	
52	Power Control and Beamforming for Femtocells in the Presence of Channel Uncertainty. <i>IEEE Transactions on Vehicular Technology</i> , 2011 , 60, 2545-2554	6.8	42

51	Complexity reduced space ML detection for other-cell interference mitigation in SIMO cellular systems. <i>European Transactions on Telecommunications</i> , 2011 , 22, 51-60		4
50	Cooperative power allocation with partial channel information in multi-cell multi-user dual-hop MIMO relay systems. <i>International Journal of Communication Systems</i> , 2011 , 24, 586-606	1.7	10
49	Performance improvement of IEEE 802.15.4 in the presence of co-channel interference 2011 ,		2
48	Coordinated User Scheduling with Transmit Beamforming in the Presence of Inter-Femtocell Interference 2011 ,		8
47	PHY abstraction methodology for the performance evaluation of PLC channels 2010 ,		4
46	Effect of Imperfect Transmit Correlation on Statistical Beamforming in Multi-User Cellular Systems. <i>IEEE Transactions on Wireless Communications</i> , 2010 , 9, 3335-3340	9.6	1
45	Coordinated Transmission of Interference Mitigation and Power Allocation in Two-User Two-Hop MIMO Relay Systems. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2010 , 2010,	3.2	2
44	Linear Hard Decision Combining for Cooperative Spectrum Sensing in Cognitive Radio Systems 2010 ,		8
43	Sum-rate capacity of correlated multi-user MIMO channels 2010 ,		4
42	Cooperative spectrum sensing with imperfect feedback channel in the cognitive radio systems. <i>International Journal of Communication Systems</i> , 2010 , 23, n/a-n/a	1.7	5
41	Multicast Power Control for VoIP in Mobile WiMAX 2009 ,		1
40	Low Complexity FFT Based Spectrum Sensing in Bluetooth System 2009 ,		4
39	Effect of transmit correlation on the sum-rate capacity of two-user broadcast channels. <i>IEEE Transactions on Communications</i> , 2009 , 57, 2597-2599	6.9	12
38	Achievable sum-rate analysis of correlated two-antenna MIMO uplink channels. <i>International Journal of Communication Systems</i> , 2009 , 22, 927-936	1.7	3
37	Allocation of transmit power in Spatially-correlated dual-hop MIMO relay channels 2009 ,		2
36	Adaptive MIMO Mode and Fast Cell Selection with Interference Avoidance in Multi-cell Environments 2009 ,		1
35	Adaptive beamforming with dimension reduction in spatially correlated MISO channels. <i>IEEE Transactions on Wireless Communications</i> , 2009 , 8, 4998-5002	9.6	8
34	Inter-sector beamforming with MMSE receiver in the downlink of TDD cellular systems. <i>Journal of Communications and Networks</i> , 2008 , 10, 118-126	4.1	1

33	Coherent opportunistic beamforming with partial channel information in multiuser wireless systems. <i>IEEE Transactions on Wireless Communications</i> , 2008 , 7, 705-713	9.6	5
32	Correlation-Based Cooperative User Scheduling in the Uplink of Cellular Systems 2008 ,		5
31	Cooperative Transmission with Partial Channel Information in Multi-User MISO Wireless Systems 2008 ,		2
30	Design of a Channel-Aware OFDM Transceiver. <i>IEEE Transactions on Wireless Communications</i> , 2007 , 6, 1813-1822	9.6	6
29	Multiuser diversity and multiplexing using multiple random beams in wireless systems. <i>IEEE Transactions on Wireless Communications</i> , 2007 , 6, 120-127	9.6	4
28	Other-Cell Interference Reducing Resource Allocation in OFDM-Based Asynchronous Cellular Systems. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2007 , 2008,	3.2	2
27	Mitigation of inter-cell interference in the WiMAX system 2007 ,		5
26	Adaptive Pilot Signaling in the Uplink of OFDM-Based Wireless Systems 2007 ,		2
25	Wafer Level Package Using Polymer Bonding of Thick SU-8 Photoresist 2006 ,		2
24	Prediction of channel information in multi-user OFDM systems. <i>Midwest Symposium on Circuits and Systems</i> , 2006 ,	1	2
23	WLC37-1: Fast Cell Site Selection with Interference Avoidance in Packet Based OFDM Cellular Systems. <i>IEEE Global Telecommunications Conference (GLOBECOM)</i> , 2006 ,		2
22	A framework design for the next-generation radio access system. <i>IEEE Journal on Selected Areas in Communications</i> , 2006 , 24, 554-564	14.2	10
21	Improved AMC using adaptive SIR thresholds in OFDM based wireless systems 2006 ,		1
20	Towards the next generation mobile communications. <i>Journal of Communications and Networks</i> , 2005 , 7, 97-103	4.1	
19	Improved channel estimation and SIR measurement in WCDMA downlink systems. <i>IEEE Transactions on Vehicular Technology</i> , 2005 , 54, 525-537	6.8	
18	Fast initialization of equalizers for VSB-based DTV transceivers in multipath channel. <i>IEEE Transactions on Broadcasting</i> , 2005 , 51, 133-138	4.7	6
17	Rapid slot synchronization in the presence of large frequency offset and Doppler spread in WCDMA systems. <i>IEEE Transactions on Wireless Communications</i> , 2005 , 4, 1325-1330	9.6	5
16	Optimum pilot pattern for channel estimation in OFDM systems. <i>IEEE Transactions on Wireless Communications</i> , 2005 , 4, 2083-2088	9.6	60

15	Design of multiple MMSE subequalizers for faster-than-Nyquist-rate transmission. <i>IEEE Transactions on Communications</i> , 2004 , 52, 1257-1264	6.9	6
14	Direction-of-arrival tracking scheme for DS/CDMA systems: direction lock loop. <i>IEEE Transactions on Wireless Communications</i> , 2004 , 3, 191-202	9.6	19
13	Median-prefiltering-based robust acquisition of direct-sequence spread-spectrum signals in wide-band pulse jamming. <i>IEEE Transactions on Vehicular Technology</i> , 2002 , 51, 171-179	6.8	2
12	Fast initialization of Nyquist echo cancelers using circular convolution technique. <i>IEEE Transactions on Communications</i> , 2002 , 50, 1865-1870	6.9	0
11	Rapid acquisition of PN signals for DS/SS systems using a phase estimator. <i>IEEE Journal on Selected Areas in Communications</i> , 2001 , 19, 1128-1137	14.2	3
10	Sequence acquisition of DS-CDMA systems employing Gold sequences. <i>IEEE Transactions on Vehicular Technology</i> , 2000 , 49, 2397-2404	6.8	12
9	Design of 2-D channel estimation filters for OFDM systems		4
8	Transmit power and bit allocations for OFDM systems in a fading channel		40
7	Adaptive channel estimation in WCDMA STTD systems		1
6	Opportunistic scheduling with partial channel information in OFDMA/FDD systems		5
5	A complexity-reduced joint detector for OFDM-CDM systems		2
4	Design of the optimum pilot pattern for channel estimation in OFDM systems		2
3	Multi-beam multiplexing using multiuser diversity and random beams in wireless systems		1
2	Adaptive channel estimation in DS-CDMA downlink systems		1
1	Adaptive SIR estimation in WCDMA systems		1