

Kyoung Jae Lee

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Message-Passing-Based Joint User Association and Time Allocation for Wireless Powered Communication Networks. IEEE Transactions on Wireless Communications, 2022, 21, 34-47.	6.1	3
2	Resource Allocation for Intelligent Reflecting Surface Assisted Wireless Powered IoT Systems With Power Splitting. IEEE Transactions on Wireless Communications, 2022, 21, 2987-2998.	6.1	37
3	Deep Learning-Based Codebook Designs for Generalized Space Shift Keying Systems. IEEE Transactions on Vehicular Technology, 2022, 71, 1038-1042.	3.9	1
4	Residual Energy Maximization for Wireless Powered Mobile Edge Computing Systems With Mixed-Offloading. IEEE Transactions on Vehicular Technology, 2022, 71, 4523-4528.	3.9	12
5	Regularized artificial fast fading designs for secure transmission in multi-user MIMO wiretap channels. ICT Express, 2022, 8, 569-574.	3.3	0
6	Time Domain IRCI-Free Pulse Compression for OQAM-OFDM Radar System. IEEE Systems Journal, 2022, 16, 6480-6489.	2.9	3
7	Robust Beamforming Design for IRS-Aided Secure SWIPT Terahertz Systems With Non-Linear EH Model. IEEE Wireless Communications Letters, 2022, 11, 746-750.	3.2	29
8	Delay Optimization in Mobile Edge Computing: Cognitive UAV-Assisted eMBB and mMTC Services. IEEE Transactions on Cognitive Communications and Networking, 2022, 8, 1019-1033.	4.9	18
9	Secrecy Rate Optimization in Nonlinear Energy Harvesting Model-Based mmWave IoT Systems With SWIPT. IEEE Systems Journal, 2022, 16, 5939-5949.	2.9	12
10	On the Performance of Massive MIMO Full-Duplex Relaying With Low-Resolution ADCs. IEEE Communications Letters, 2022, 26, 1259-1263.	2.5	5
11	6G R&D vision: Requirements and candidate technologies. Journal of Communications and Networks, 2022, 24, 232-245.	1.8	34
12	Real-Time Machine Learning Methods for Two-Way End-to-End Wireless Communication Systems. IEEE Internet of Things Journal, 2022, 9, 22983-22992.	5.5	1
13	Robust Beamforming Designs in Secure MIMO SWIPT IoT Networks With a Nonlinear Channel Model. IEEE Internet of Things Journal, 2021, 8, 1702-1715.	5.5	36
14	Belief Propagation for Energy Efficiency Maximization in Wireless Heterogeneous Networks. IEEE Transactions on Wireless Communications, 2021, 20, 56-68.	6.1	9
15	Deep Learning Based Resource Assignment for Wireless Networks. IEEE Communications Letters, 2021, 25, 3888-3892.	2.5	4
16	Multi-User Wireless Information and Power Transfer in FBMC-Based IoT Networks. IEEE Open Journal of the Communications Society, 2021, 2, 545-563.	4.4	3
17	Asynchronous Protocol Designs for Energy Efficient Mobile Edge Computing Systems. IEEE Transactions on Vehicular Technology, 2021, 70, 1013-1018.	3.9	6
18	Bistatic Backscatter Communication: Shunt Network Design. IEEE Internet of Things Journal, 2021, 8, 7691-7705.	5.5	4

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19	Secrecy Outage Analysis in NOMA Power Line Communications. IEEE Communications Letters, 2021, 25, 1448-1452.	2.5	17
20	Design and Performance Analysis of THz Wireless Communication Systems for Chip-to-Chip and Personal Area Networks Applications. IEEE Journal on Selected Areas in Communications, 2021, 39, 1785-1796.	9.7	23
21	Robust Max-Min Fair Beamforming of Secrecy SWIPT IoT Systems Under a Non-Linear EH Model. , 2021, , .		3
22	Latency Minimization for Wireless Powered Mobile Edge Computing Networks With Nonlinear Rectifiers. IEEE Transactions on Vehicular Technology, 2021, 70, 8320-8324.	3.9	15
23	Cognitive UAV-Aided URLLC and mMTC Services: Analyzing Energy Efficiency and Latency. IEEE Access, 2021, 9, 5011-5027.	2.6	28
24	Full-Duplex Cell-Free Massive MIMO With Low-Resolution ADCs. IEEE Transactions on Vehicular Technology, 2021, 70, 12179-12184.	3.9	15
25	Grid-Based Bayesian Beam Tracking With Multiple Observations for Millimeter Wave Channels. IEEE Transactions on Vehicular Technology, 2021, 70, 13413-13417.	3.9	5
26	Multi-Hop MIMO Relaying Based on Simultaneous Wireless Information and Power Transfer. IEEE Access, 2021, 9, 144857-144870.	2.6	3
27	Wireless Surveillance with Half-Duplex Monitors. , 2021, , .		0
28	Sum Rate and Fairness Optimization for Intelligent Reflecting Surface Aided Multiuser Systems. IEEE Transactions on Vehicular Technology, 2021, 70, 13436-13440.	3.9	8
29	Throughput Analysis of MISO Communication Systems with Limited Feedback. , 2021, , .		0
30	UAV-Aided Two-Way Mobile Relaying Systems. IEEE Communications Letters, 2020, 24, 438-442.	2.5	23
31	Deep Learning-Based Limited Feedback Designs for MIMO Systems. IEEE Wireless Communications Letters, 2020, 9, 558-561.	3.2	22
32	UAV-Aided Wireless Communication Designs With Propulsion Energy Limitations. IEEE Transactions on Vehicular Technology, 2020, 69, 651-662.	3.9	37
33	Low-Resolution ADC Quantized Full-Duplex Massive MIMO-Enabled Wireless Backhaul in Heterogeneous Networks Over Rician Channels. IEEE Transactions on Wireless Communications, 2020, 19, 5503-5517.	6.1	14
34	Joint Downlink Cell Association and Bandwidth Allocation with User Priorities in Two-Tier HetNets. , 2020, , .		1
35	Full-Duplex Spoofing Relays for Wireless Surveillance With Inter-Relay Interference Suppression. , 2020, , .		0
36	Multi-Agent Deep Reinforcement Learning for Distributed Resource Management in Wirelessly Powered Communication Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 14055-14060.	3.9	17

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37	Antenna Tracking Techniques for Long Range Air-to-Ground Communication Systems Using a Monopulse Method. IEEE Access, 2020, 8, 166442-166449.	2.6	7
38	Two-Way Relaying Non-Orthogonal Multiple Access With Imperfect Successive Interference Cancellation in Power Line Communications. IEEE Open Journal of the Communications Society, 2020, 1, 1872-1885.	4.4	11
39	A Comparison of TDD and FDD Massive MIMO Systems Against Smart Jamming. IEEE Access, 2020, 8, 72068-72077.	2.6	14
40	Beamforming and Resource Allocation for Multiuser Full-Duplex Wireless-Powered Communications in IoT Networks. IEEE Internet of Things Journal, 2020, 7, 11355-11370.	5.5	22
41	Time Switching Protocol for Multi-Antenna SWIPT Systems. , 2020, , .		0
42	IEEE Access Special Section: Deployment and Management of Small Heterogeneous Cells for 5G. IEEE Access, 2020, 8, 19406-19409.	2.6	1
43	Hybrid Beamforming With Variable RF Attenuator for Multi-User mmWave Systems. IEEE Transactions on Vehicular Technology, 2020, 69, 9131-9134.	3.9	6
44	THz Wireless Systems Design for Personal Area Networks Applications. , 2020, , .		2
45	Deep Neural Network based Path Loss Analysis of Magnetic Induction Communication Systems in Underwater Pipeline. , 2020, , .		2
46	Asynchronous Designs for Multiuser MIMO Wireless Powered Communication Networks. IEEE Systems Journal, 2019, 13, 2420-2430.	2.9	11
47	Online Reinforcement Learning of X-Haul Content Delivery Mode in Fog Radio Access Networks. IEEE Signal Processing Letters, 2019, 26, 1451-1455.	2.1	8
48	Deep Learning-Based Proactive Eavesdropping for Wireless Surveillance. , 2019, , .		3
49	Performance Analysis of Two-Way Relaying in Cooperative Power Line Communications. IEEE Access, 2019, 7, 97264-97280.	2.6	30
50	UAV-Aided Wireless Powered Communication Networks: Trajectory Optimization and Resource Allocation for Minimum Throughput Maximization. IEEE Access, 2019, 7, 134978-134991.	2.6	63
51	Simultaneous Wireless Information and Power Transfer for Decode-and-Forward Multihop Relay Systems in Energy-Constrained IoT Networks. IEEE Internet of Things Journal, 2019, 6, 9413-9426.	5.5	31
52	Energy efficiency maximization in mmWave wireless networks with 3D beamforming. Journal of Communications and Networks, 2019, 21, 125-135.	1.8	16
53	Proactive Eavesdropping With Jamming and Eavesdropping Mode Selection. IEEE Transactions on Wireless Communications, 2019, 18, 3726-3738.	6.1	32
54	On the Sum-Rate of Heterogeneous Networks With Low-Resolution ADC Quantized Full-Duplex Massive MIMO-Enabled Backhaul. IEEE Wireless Communications Letters, 2019, 8, 452-455.	3.2	11

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55	A New Data Pilot-Aided Channel Estimation Scheme for Fast Time-Varying Channels in IEEE 802.11p Systems. IEEE Transactions on Vehicular Technology, 2019, 68, 5169-5172.	3.9	14
56	Joint Design of Fronthauling and Hybrid Beamforming for Downlink C-RAN Systems. IEEE Transactions on Communications, 2019, 67, 4423-4434.	4.9	23
57	Harvested Energy Maximization in Wireless Peer Discovery Systems. IEEE Communications Letters, 2019, 23, 934-937.	2.5	2
58	Dynamic Time Switching for MIMO Wireless Information and Power Transfer. IEEE Transactions on Communications, 2019, 67, 3978-3990.	4.9	14
59	Cooperative Non-Orthogonal Multiple Access over Log-Normal Power Line Communication Channels. Electronics (Switzerland), 2019, 8, 1254.	1.8	7
60	Decode-and-Forward Two-Way Relaying in Power Line Communications. , 2019, , .		1
61	Transmit Power Minimization for a Multi-Hop SWIPT Decode-and-Forward Sensor Network. , 2019, , .		6
62	A Low-Complexity I/Q Imbalance Calibration Method for Quadrature Modulator. IEEE Transactions on Very Large Scale Integration (VLSI) Systems, 2019, 27, 974-977.	2.1	5
63	Optimal Precoder Designs for Sum-Utility Maximization in SWIPT-Enabled Multi-User MIMO Cognitive Radio Networks. IEEE Systems Journal, 2019, 13, 2332-2343.	2.9	9
64	Energy Efficient Online Power Allocation for Two Users With Energy Harvesting. IEEE Signal Processing Letters, 2019, 26, 24-28.	2.1	7
65	Minimum Rate Maximization for Wireless Powered Cloud Radio Access Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 1045-1049.	3.9	12
66	Robust Designs of Beamforming and Power Splitting for Distributed Antenna Systems With Wireless Energy Harvesting. IEEE Systems Journal, 2019, 13, 30-41.	2.9	50
67	Performance Comparison of Single-Carrier and Multi-Carrier Systems in a Terahertz Wireless Communication Environment. Journal of Advanced Information Technology and Convergence, 2019, 9, 11-24.	0.4	1
68	Two-Way Hybrid Power-Line and Wireless Amplify-and-Forward Relay Communication Systems. Journal of Advanced Information Technology and Convergence, 2019, 9, 25-37.	0.4	0
69	Limited Feedback Interference Alignment in MIMO Power Line Communication with Common-mode Reception. Journal of Advanced Information Technology and Convergence, 2019, 9, 1-14.	0.4	0
70	Optimal Power Splitting for Simultaneous Wireless Information and Power Transfer in Amplify-and-Forward Multiple-Relay Systems. IEEE Access, 2018, 6, 3459-3468.	2.6	18
71	Secure Beamforming Designs for Secrecy MIMO SWIPT Systems. IEEE Wireless Communications Letters, 2018, 7, 424-427.	3.2	69
72	Joint Transceiver Optimization for MISO SWIPT Systems With Time Switching. IEEE Transactions on Wireless Communications, 2018, 17, 3298-3312.	6.1	41

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73	Wireless Powered Communication Networks Aided by an Unmanned Aerial Vehicle. , 2018, , .		6
74	Time Allocation Methods for Secure Wireless Powered Communication Networks. , 2018, , .		0
75	Energy Efficient Beamforming for Multi-Cell MISO SWIPT Systems. , 2018, , .		2
76	Outage Constrained Robust SWIPT Beamforming for Secure MIMO Broadcasting. , 2018, , .		0
77	Transceiver Designs for MIMO Relaying Systems with Imperfect Channel State Information. Mobile Information Systems, 2018, 2018, 1-12.	0.4	1
78	Antenna selection and power allocation for energy efficient MIMO systems. Journal of Communications and Networks, 2018, 20, 546-553.	1.8	13
79	Joint Downlink and Uplink Design for Wireless Powered Cloud Radio Access Networks. , 2018, , .		0
80	Energy Harvesting Fairness in AN-Aided Secure MU-MIMO SWIPT Systems with Cooperative Jammer. , 2018, , .		8
81	Energy Efficient SWIPT Systems in Multi-Cell MISO Networks. IEEE Transactions on Wireless Communications, 2018, 17, 8180-8194.	6.1	34
82	A New RF Beam Training Method and Asymptotic Performance Analysis for Multi-User Millimeter Wave Systems. IEEE Access, 2018, 6, 48125-48135.	2.6	9
83	Joint Transceiver Designs for MSE Minimization in MIMO Wireless Powered Sensor Networks. IEEE Transactions on Wireless Communications, 2018, 17, 5120-5131.	6.1	16
84	Achievable Sum-Rate Analysis of Massive MIMO Full-Duplex Wireless Backhaul Links in Heterogeneous Cellular Networks. IEEE Access, 2018, 6, 23456-23469.	2.6	22
85	Wireless Information and Power Exchange for Energy-Constrained Device-to-Device Communications. IEEE Internet of Things Journal, 2018, 5, 3175-3185.	5.5	22
86	Maximization of Minimum Rate for Wireless Powered Communication Networks in Interference Channel. IEEE Communications Letters, 2018, 22, 1648-1651.	2.5	4
87	Hybrid Analog"Digital Filter Designs for mmWave Multipair Two-Way Relaying Systems. IEEE Transactions on Vehicular Technology, 2018, 67, 7841-7845.	3.9	9
88	Deep learning based transceiver design for multi-colored VLC systems. Optics Express, 2018, 26, 6222.	1.7	45
89	Binary signaling design for visible light communication: a deep learning framework. Optics Express, 2018, 26, 18131.	1.7	44
90	UAV-Aided Wireless Communication Design with Propulsion Energy Constraint. , 2018, , .		6

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91	Multiple Amplify-and-Forward Full-Duplex Relays for Legitimate Eavesdropping. , 2018, , .		3
92	Robust Resource Allocation Based Energy Harvesting in Distributed Antenna System. , 2018, , .		0
93	Joint Beamforming and Resource Allocation for Multi-User Full-Duplex Wireless Powered Communication Networks. , 2018, , .		3
94	Sum-Rate Maximization Methods for Wirelessly Powered Communication Networks in Interference Channels. IEEE Transactions on Wireless Communications, 2018, 17, 6464-6474.	6.1	21
95	UAV-Aided Secure Communications With Cooperative Jamming. IEEE Transactions on Vehicular Technology, 2018, 67, 9385-9392.	3.9	151
96	Proactive Eavesdropping With Full-Duplex Relay and Cooperative Jamming. IEEE Transactions on Wireless Communications, 2018, 17, 6707-6719.	6.1	45
97	Joint Optimization of Multiple-Relay Amplify-and-Forward Systems Based on Simultaneous Wireless Information and Power Transfer. , 2018, , .		5
98	Relay-Assisted Proactive Eavesdropping With Cooperative Jamming and Spoofing. IEEE Transactions on Wireless Communications, 2018, 17, 6958-6971.	6.1	48
99	NOMA Systems With Content-Centric Multicast Transmission for C-RAN. IEEE Wireless Communications Letters, 2018, 7, 828-831.	3.2	10
100	AN-aided secure transmission in multi-user MIMO SWIPT systems. , 2018, , .		0
101	Inter-Cluster Design of Wireless Fronthaul and Access Links for the Downlink of C-RAN. IEEE Wireless Communications Letters, 2017, 6, 270-273.	3.2	22
102	Designs of MIMO Amplify-and-Forward Wireless Relaying Networks: Practical Challenges and Solutions Based on MSE Decomposition. IEEE Access, 2017, 5, 9223-9234.	2.6	15
103	Precoder Designs for MIMO Gaussian Multiple Access Wiretap Channels. IEEE Transactions on Vehicular Technology, 2017, 66, 8563-8568.	3.9	21
104	Joint MMSE Transceiver Designs for MIMO AF Relaying Systems With Direct Link. IEEE Transactions on Wireless Communications, 2017, 16, 3547-3560.	6.1	15
105	New Beamforming Designs for Joint Spatial Division and Multiplexing in Large-Scale MISO Multi-User Systems. IEEE Transactions on Wireless Communications, 2017, 16, 3029-3041.	6.1	48
106	Energy Efficient Precoding Design for SWIPT in MIMO Two-Way Relay Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 7888-7896.	3.9	49
107	Sum Throughput Maximization for Multi-User MIMO Cognitive Wireless Powered Communication Networks. IEEE Transactions on Wireless Communications, 2017, 16, 913-923.	6.1	43
108	Wireless Peer Discovery in Heterogeneous Half-/Full-Duplex Networks. IEEE Communications Letters, 2017, 21, 881-884.	2.5	3

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109	Simultaneous Wireless Information and Power Transfer for Cooperative Relay Networks With Battery. IEEE Access, 2017, 5, 13171-13178.	2.6	53
110	Self energy recycling techniques for MIMO wireless communication systems. , 2017, , .		1
111	Wireless powered communication networks in interference channel. , 2017, , .		2
112	Beamforming and Power Splitting Designs for AN-Aided Secure Multi-User MIMO SWIPT Systems. IEEE Transactions on Information Forensics and Security, 2017, 12, 2861-2874.	4.5	91
113	Saturation Power-Based Simple Energy Efficiency Maximization Schemes for MISO Broadcast Channel Systems. IEEE Transactions on Wireless Communications, 2017, 16, 6022-6031.	6.1	5
114	Secrecy Performance Optimization for Wireless Powered Communication Networks With an Energy Harvesting Jammer. IEEE Transactions on Communications, 2017, 65, 764-774.	4.9	69
115	Outage Probability Analysis and Power Splitter Designs for SWIPT Relaying Systems With Direct Link. IEEE Communications Letters, 2017, 21, 648-651.	2.5	99
116	Transmit Probability Designs for Wireless Peer Discovery With Energy Harvesting. IEEE Communications Letters, 2017, 21, 644-647.	2.5	5
117	Maximization of Total Throughput and Device Lifetime With Non-Linear Battery Properties. IEEE Transactions on Wireless Communications, 2017, 16, 7774-7784.	6.1	10
118	Joint design of digital and analog processing for downlink C-RAN with large-scale antenna arrays. , 2017, , .		10
119	Compressed cooperative reception for the uplink of C-RAN with wireless fronthaul. , 2017, , .		4
120	Sustainable Wireless Information and Power Exchange for Energy-Constrained Communication Systems. , 2017, , .		1
121	Uplink/downlink achievable rate analysis of heterogeneous networks with massive MIMO full-duplex backhaul link. , 2017, , .		1
122	Data Precoding and Energy Transmission for Parameter Estimation in MIMO Wireless Powered Sensor Networks. , 2017, , .		5
123	Transmit Beamforming Optimization for Wireless Information and Power Transfer in MISO Interference Channels with Signal Cooperation. , 2016, , .		0
124	MMSE based two-stage beamforming for large-scale multi-user MISO systems. , 2016, , .		4
125	Sum Throughput Maximization for MIMO Underlay Cognitive Wireless Powered Communication Networks. , 2016, , .		3
126	Secrecy Outage Minimization for Wireless Powered Communication Networks with an Energy Harvesting Jammer. , 2016, , .		10

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127	Joint energy efficiency optimization with nonlinear precoding in multi-cell broadcast systems. Journal of Communications and Networks, 2016, 18, 873-883.	1.8	3
128	Reduced complexity MMSE beamforming for two-way AF relaying systems with multiple antennas. , 2016, , .		1
129	Joint Subcarrier and Power Allocation Methods in Full Duplex Wireless Powered Communication Networks for OFDM Systems. IEEE Transactions on Wireless Communications, 2016, 15, 4745-4753.	6.1	68
130	Antenna Selection Schemes in Bidirectional Full-Duplex MIMO Systems. IEEE Transactions on Vehicular Technology, 2016, 65, 10097-10100.	3.9	23
131	Resource allocation techniques for wireless powered communication networks. , 2016, , .		2
132	Joint Design of Fronthaul and Access Links for C-RAN With Wireless Fronthauling. IEEE Signal Processing Letters, 2016, 23, 1657-1661.	2.1	40
133	Robust Beamforming Design for MISO Secrecy Multicasting Systems with Energy Harvesting. , 2016, , .		6
134	A Low Complexity User Selection Algorithm for Full-Duplex MU-MISO Systems. IEEE Transactions on Wireless Communications, 2016, 15, 7899-7907.	6.1	8
135	Outage Constrained Robust Beamforming for Secure Broadcasting Systems With Energy Harvesting. IEEE Transactions on Wireless Communications, 2016, 15, 7610-7620.	6.1	107
136	Joint Designs of Fronthaul Compression and Precoding for Full-Duplex Cloud Radio Access Networks. IEEE Wireless Communications Letters, 2016, 5, 632-635.	3.2	21
137	Joint optimization of AN-aided beamforming and power splitting designs for MISO secrecy channel with SWIPT. , 2016, , .		19
138	Generalized Precoder Designs Based on Weighted MMSE Criterion for Energy Harvesting Constrained MIMO Channels. IEEE Transactions on Wireless Communications, 2016, , 1-1.	6.1	28
139	An Efficient User Selection Technique for Full-Duplex MU-MISO Systems. , 2016, , .		1
140	Robust transceiver designs in multiuser MISO broadcasting with simultaneous wireless information and power transmission. Journal of Communications and Networks, 2016, 18, 173-181.	1.8	21
141	Sum-Rate Maximization for Multiuser MIMO Wireless Powered Communication Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 9420-9424.	3.9	80
142	A New Energy-Efficient Beamforming Strategy for MISO Interfering Broadcast Channels Based on Large Systems Analysis. IEEE Transactions on Wireless Communications, 2016, 15, 2872-2882.	6.1	15
143	Resource Allocation Techniques for Wireless Powered Communication Networks With Energy Storage Constraint. IEEE Transactions on Wireless Communications, 2016, 15, 2619-2628.	6.1	107
144	Robust beamforming designs for nonregenerative multipair two-way relaying systems. IEEE Transactions on Vehicular Technology, 2016, 65, 7802-7808.	3.9	5

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145	Transmit Beamforming Techniques for Wireless Information and Power Transfer in MISO Interference Channels. , 2015, , .		2
146	Energy efficiency optimization with non-linear precoding in multi-cell MISO broadcast channels. , 2015, , .		2
147	Robust Precoding Methods for Multiuser MISO Wireless Energy Harvesting Systems. , 2015, , .		5
148	Downlink Vertical Beamforming Designs for Multi-User MISO Systems. , 2015, , .		2
149	Robust Beamforming and Power Splitting Design in Distributed Antenna System with SWIPT under Bounded Channel Uncertainty. , 2015, , .		16
150	Shaping-Power-Constrained Transceiver Designs for MIMO AF Relaying Systems With Direct Link. IEEE Transactions on Wireless Communications, 2015, 14, 294-304.	6.1	7
151	Optimal Power Allocation Scheme for Energy Efficiency Maximization in Distributed Antenna Systems. IEEE Transactions on Communications, 2015, 63, 431-440.	4.9	69
152	Sum Rate Maximizing in a Multi-User MIMO System with SWIPT. , 2015, , .		16
153	Optimal Beamforming Designs for Wireless Information and Power Transfer in MISO Interference Channels. IEEE Transactions on Wireless Communications, 2015, 14, 4810-4821.	6.1	82
154	Sum-Rate Maximization Schemes for γ -User MISO Interference Channels With a Cognitive Relay. IEEE Transactions on Wireless Communications, 2015, 14, 6448-6458.	6.1	3
155	Precoding Techniques for MIMO AF Relaying Systems With Decision Feedback Receiver. IEEE Transactions on Wireless Communications, 2015, 14, 446-455.	6.1	9
156	Diversity of Coded Beamforming in MIMO-OFDM AF Relaying Systems With Direct Link. IEEE Transactions on Vehicular Technology, 2015, 64, 3817-3822.	3.9	7
157	MMSE-Based Filter Designs for Cognitive Multiuser Two-Way Relay Networks. IEEE Transactions on Vehicular Technology, 2015, 64, 1638-1643.	3.9	8
158	A Non-Invasive Detection and Monitoring of Intracranial Pressure Using Ultrasound Sensors. Journal of Neurology Research, 2015, 5, 167-180.	0.2	0
159	Vertical Sectorization Techniques in MISO Downlink Active Antenna Systems. The Journal of Korean Institute of Communications and Information Sciences, 2015, 40, 997-1004.	0.0	2
160	Bit Allocation and Pairing Methods for Distributed Antenna Systems with Limited Feedback. , 2014, , .		0
161	Vertical sectorization techniques for active antenna systems. , 2014, , .		1
162	Scaling Law of Feedback Bits for Distributed Antenna Systems with Limited Feedback. , 2014, , .		0

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163	Robust filter and forward relay beamforming with spherical channel state information uncertainties. , 2014, , .		9
164	Diversity Analysis of Coded Spatial Multiplexing MIMO AF Relaying Systems. IEEE Transactions on Vehicular Technology, 2014, 63, 3435-3439.	3.9	6
165	Three-Dimensional Beamforming: A new enabling technology for 5G wireless networks. IEEE Signal Processing Magazine, 2014, 31, 94-101.	4.6	126
166	A New Beamforming Design for MIMO AF Relaying Systems With Direct Link. IEEE Transactions on Communications, 2014, 62, 2286-2295.	4.9	30
167	Capacity and Error Probability Analysis of Diversity Reception Schemes Over Generalized- α -Stable Fading Channels Using a Mixture Gamma Distribution. IEEE Transactions on Wireless Communications, 2014, 13, 4721-4730.	6.1	35
168	Transmit Beamforming Techniques for Wireless Information and Power Transfer in MISO Interference Channels. , 2014, , .		0
169	PSINR-Based Precoding for K-User MISO Interference Channels with a Cognitive Relay. , 2014, , .		1
170	Peak power constrained closed-form transceiver designs for MIMO AF relaying systems with direct link. , 2014, , .		0
171	Sequence Designs for Robust Consistent Frequency-Offset Estimation in OFDM Systems. IEEE Transactions on Vehicular Technology, 2013, 62, 1389-1394.	3.9	9
172	Beamforming and Power Allocation Designs for Energy Efficiency Maximization in MISO Distributed Antenna Systems. IEEE Communications Letters, 2013, 17, 2100-2103.	2.5	33
173	Zadoff-Chu Sequence Based Signature Identification for OFDM. IEEE Transactions on Wireless Communications, 2013, 12, 4932-4942.	6.1	21
174	Feedback Bit Allocation Schemes for Multi-User Distributed Antenna Systems. IEEE Communications Letters, 2013, 17, 99-102.	2.5	16
175	Interference mitigation techniques for femtocell networks. , 2013, , .		0
176	Beamforming Designs Based on an Asymptotic Approach in MISO Interference Channels. IEEE Transactions on Wireless Communications, 2013, 12, 6430-6438.	6.1	17
177	Achievable Degrees of Freedom on MIMO Two-way Relay Interference Channels. IEEE Transactions on Wireless Communications, 2013, 12, 1472-1480.	6.1	21
178	Optimal Linear Multihop System for DF Relaying in a Poisson Field of Interferers. IEEE Communications Letters, 2013, 17, 2029-2032.	2.5	9
179	Precoding Designs Based on Minimum Distance for Two-Way Relaying MIMO Systems with Physical Network Coding. IEEE Transactions on Communications, 2013, 61, 4151-4160.	4.9	16
180	Zero-Forcing Beamforming in Multiuser MISO Downlink Systems Under Per-Antenna Power Constraint and Equal-Rate Metric. IEEE Transactions on Wireless Communications, 2013, 12, 228-236.	6.1	34

#	ARTICLE	IF	CITATIONS
181	Joint User Scheduling and Adaptive Intercell Interference Cancelation for MISO Downlink Cellular Systems. IEEE Transactions on Vehicular Technology, 2013, 62, 172-181.	3.9	14
182	Optimal Beamforming Schemes and its Capacity Behavior for Downlink Distributed Antenna Systems. IEEE Transactions on Wireless Communications, 2013, 12, 2578-2587.	6.1	38
183	Weighted Sum Rate Maximization for Multiuser Multirelay MIMO Systems. IEEE Transactions on Vehicular Technology, 2013, 62, 885-889.	3.9	17
184	SINR Balancing Techniques in Coordinated Multi-Cell Downlink Systems. IEEE Transactions on Wireless Communications, 2013, 12, 626-635.	6.1	35
185	SLNR-Based User Scheduling for MISO Downlink Cellular Systems. , 2013, , .		4
186	A new beamforming design based on random matrix theory for weighted sum-rate maximization in interference channels. , 2013, , .		2
187	3D beamforming designs for Single User MISO systems. , 2013, , .		12
188	Adaptive beamforming designs for MIMO AF relaying systems with direct link. , 2013, , .		2
189	Weighted Sum Rate Maximization for Multi-User Multi-Relay MIMO Systems with Direct Links. , 2013, , .		0
190	Achievable Degree of Freedom on K-User Y Channels with Heterogeneous Messages. IEEE Communications Letters, 2013, 17, 333-336.	2.5	7
191	Signature identification techniques with Zadoff-Chu sequence for OFDM systems. , 2013, , .		0
192	Optimal power allocation for energy efficiency maximization in distributed antenna systems. , 2013, , .		23
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