

Yongming Huang

List of Publications by Year in descending order

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215
papers

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citing authors

#	ARTICLE	IF	CITATIONS
1	Learning-Aided Beam Prediction in mmWave MU-MIMO Systems for High-Speed Railway. IEEE Transactions on Communications, 2022, 70, 693-706.	4.9	10
2	Intelligent Optimization of Base Station Array Orientations via Scenario-Specific Modeling. IEEE Transactions on Communications, 2022, 70, 2117-2130.	4.9	3
3	Cluster-Group-Based Two-Stage Beamforming for Massive MIMO. IEEE Transactions on Communications, 2022, 70, 1984-1998.	4.9	2
4	On the Position Optimization of IRS. IEEE Internet of Things Journal, 2022, 9, 11712-11724.	5.5	4
5	Beyond Supervised Power Control in Massive MIMO Network: Simple Deep Neural Network Solutions. IEEE Transactions on Vehicular Technology, 2022, 71, 3964-3979.	3.9	2
6	Distributed Reinforcement Learning for Privacy-Preserving Dynamic Edge Caching. IEEE Journal on Selected Areas in Communications, 2022, 40, 749-760.	9.7	30
7	Design of a novel wireless information surveillance scheme assisted by reconfigurable intelligent surface. IET Communications, 2022, 16, 1545-1557.	1.5	2
8	Efficient Message Passing Receivers for Downlink MIMO-SCMA Systems. IEEE Transactions on Vehicular Technology, 2022, 71, 5073-5086.	3.9	3
9	Performance Analysis of Cache-Enabled User Association for Hybrid Heterogeneous Cellular Networks. IEEE Transactions on Communications, 2022, 70, 2518-2531.	4.9	3
10	GBLinks: GNN-Based Beam Selection and Link Activation for Ultra-Dense D2D mmWave Networks. IEEE Transactions on Communications, 2022, 70, 3451-3466.	4.9	6
11	A data-driven degradation prognostics approach for rolling element bearings. Journal of Intelligent and Fuzzy Systems, 2022, , 1-16.	0.8	0
12	Joint DoA-Range Estimation Using Space-Frequency Virtual Difference Coarray. IEEE Transactions on Signal Processing, 2022, 70, 2576-2592.	3.2	31
13	Joint DoA-Range Estimation Using Moving Time-Modulated Frequency Diverse Coprime Array. , 2022, , .		3
14	DoA estimation based on accelerated structured alternating projection using coprime array. , 2022, , .		4
15	Efficient Multitask Structure-Aware Sparse Bayesian Learning for Frequency-Difference Electrical Impedance Tomography. IEEE Transactions on Industrial Informatics, 2021, 17, 463-472.	7.2	88
16	Towards 6G wireless communication networks: vision, enabling technologies, and new paradigm shifts. Science China Information Sciences, 2021, 64, 1.	2.7	858
17	Beamforming Design for Multiuser uRLLC With Finite Blocklength Transmission. IEEE Transactions on Wireless Communications, 2021, 20, 8096-8109.	6.1	28
18	Maximizing the Set Cardinality of Users Scheduled for Ultra-Dense uRLLC Networks. IEEE Communications Letters, 2021, 25, 3952-3955.	2.5	3

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19	Multi-Agent Reinforcement Learning Based Distributed Transmission in Collaborative Cloud-Edge Systems. IEEE Transactions on Vehicular Technology, 2021, 70, 1658-1672.	3.9	24
20	Power Efficient IRS-Assisted NOMA. IEEE Transactions on Communications, 2021, 69, 900-913.	4.9	106
21	Intelligent Interactive Beam Training for Millimeter Wave Communications. IEEE Transactions on Wireless Communications, 2021, 20, 2034-2048.	6.1	33
22	Blockchain-enabled wireless communications: a new paradigm towards 6G. National Science Review, 2021, 8, nwab069.	4.6	52
23	Range-Dependent Beamforming Using Space-Frequency Virtual Difference Coarray. , 2021, , .		12
24	True-data testbed for 5G/B5G intelligent network. Intelligent and Converged Networks, 2021, 2, 133-149.	3.2	24
25	Over-the-air Learning Rate Optimization for Federated Learning. , 2021, , .		3
26	Rank Minimization-Based Toeplitz Reconstruction for DoA Estimation Using Coprime Array. IEEE Communications Letters, 2021, 25, 2265-2269.	2.5	61
27	Hybrid Policy Learning for Energy-Latency Tradeoff in MEC-Assisted VR Video Service. IEEE Transactions on Vehicular Technology, 2021, 70, 9006-9021.	3.9	19
28	Fine-Grained Analysis on Downlink LEO Satellite-Terrestrial mmWave Relay Networks. IEEE Wireless Communications Letters, 2021, 10, 1871-1875.	3.2	7
29	Deep Neural Network Aided Low-Complexity MPA Receivers for Uplink SCMA Systems. IEEE Transactions on Vehicular Technology, 2021, 70, 9050-9062.	3.9	12
30	Learning Rate Optimization for Federated Learning Exploiting Over-the-Air Computation. IEEE Journal on Selected Areas in Communications, 2021, 39, 3742-3756.	9.7	68
31	Privacy-Preserving Federated Reinforcement Learning for Popularity-Assisted Edge Caching. , 2021, , .		3
32	Power-Efficient Beam Designs for Millimeter Wave Communication Systems. IEEE Transactions on Wireless Communications, 2020, 19, 1265-1279.	6.1	12
33	Joint Spatial Division and Multiplexing in Massive MIMO: A Neighbor-Based Approach. IEEE Transactions on Wireless Communications, 2020, 19, 7392-7406.	6.1	13
34	Performance of Integrated Satellite-Terrestrial Relay Network With Relay Selection and Outdated CSI. IEEE Access, 2020, 8, 169652-169662.	2.6	5
35	Beam Alignment and Tracking for Millimeter Wave Communications via Bandit Learning. IEEE Transactions on Communications, 2020, 68, 5519-5533.	4.9	46
36	Cloud and Edge Multicast Beamforming for Cache-Enabled Ultra-Dense Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 3481-3485.	3.9	19

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37	Improperness Based SINR Analysis of GFDM Systems Under Joint Tx and Rx I/Q Imbalance. , 2020, , .		2
38	MEC-Enabled Wireless VR Video Service: A Learning-Based Mixed Strategy for Energy-Latency Tradeoff. , 2020, , .		19
39	Joint User Scheduling and Beam Selection in mmWave Networks Based on Multi-Agent Reinforcement Learning. , 2020, , .		10
40	Time Sequence Learning for Electrical Impedance Tomography Using Bayesian Spatiotemporal Priors. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 6045-6057.	2.4	52
41	On Optimal Beamforming Design for Downlink MISO NOMA Systems. IEEE Transactions on Vehicular Technology, 2020, 69, 3008-3020.	3.9	30
42	Cache-Enabled Coordinated Mobile Edge Network: Opportunities and Challenges. IEEE Wireless Communications, 2020, 27, 204-211.	6.6	17
43	Achievable Rate Region of MISO Interference Channel Aided by Intelligent Reflecting Surface. IEEE Transactions on Vehicular Technology, 2020, 69, 16264-16269.	3.9	23
44	Millimeter Wave Beam Training and Tracking. , 2020, , 806-812.		0
45	Millimeter Wave Channel Access. , 2020, , 812-819.		0
46	Millimeter Wave Massive MIMO. , 2020, , 830-833.		0
47	Data-driven Adaptive Control of Array Orientation in Massive MIMO Base Station. , 2020, , .		0
48	Performance Evaluation and Analysis of Millimeter Wave Communication System. IEEE Systems Journal, 2019, 13, 159-170.	2.9	16
49	Optimal Power Allocation for Downlink NOMA Systems. , 2019, , 195-227.		7
50	Robust Multi-Objective Beamforming for Integrated Satellite and High Altitude Platform Network With Imperfect Channel State Information. IEEE Transactions on Signal Processing, 2019, 67, 6384-6396.	3.2	41
51	User Association for Cache Enabled Millimeter Wave Ultra Dense Downlink Networks. , 2019, , .		0
52	Research on Robustness of Emotion Recognition Under Environmental Noise Conditions. IEEE Access, 2019, 7, 142009-142021.	2.6	8
53	Optimal Design of Multiple Panel Arrays in LoS MIMO System. , 2019, , .		3
54	Joint CoMP Transmission for UAV-Aided Cognitive Satellite Terrestrial Networks. IEEE Access, 2019, 7, 14959-14968.	2.6	39

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55	Accelerated Structure-Aware Sparse Bayesian Learning for Three-Dimensional Electrical Impedance Tomography. IEEE Transactions on Industrial Informatics, 2019, 15, 5033-5041.	7.2	92
56	Energy-Efficient Cooperative Secure Transmission in Multi-UAV-Enabled Wireless Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 7761-7775.	3.9	103
57	Energy-efficient optimisation for UAV-aided wireless sensor networks. IET Communications, 2019, 13, 972-980.	1.5	9
58	UAV-Aided Mobile Edge Computing Systems With One by One Access Scheme. IEEE Transactions on Green Communications and Networking, 2019, 3, 664-678.	3.5	60
59	Cloud-Edge Coordinated Processing: Low-Latency Multicasting Transmission. IEEE Journal on Selected Areas in Communications, 2019, 37, 1144-1158.	9.7	39
60	Hybrid Precoder Design for Cache-Enabled Millimeter-Wave Radio Access Networks. IEEE Transactions on Wireless Communications, 2019, 18, 1707-1722.	6.1	18
61	Proactive Caching for Vehicular Multi-View 3D Video Streaming via Deep Reinforcement Learning. IEEE Transactions on Wireless Communications, 2019, 18, 2693-2706.	6.1	43
62	Intelligent Beam Training for Millimeter-Wave Communications via Deep Reinforcement Learning. , 2019, , .		13
63	A Novel Approach to Angle-of-Arrival Estimation Based on Layered Ensemble Learning. , 2019, , .		0
64	FPGA Prototyping of A Millimeter-Wave Multiple Gigabit WLAN System. , 2019, , .		0
65	Load Balancing for Future 5G Network Communication: Performance and Trade-off. , 2019, , .		1
66	Minimum Error Performance of Downlink Non-Orthogonal Multiple Access Systems. , 2019, , .		5
67	An Energy-Efficient Collaborative Caching Scheme for 5G Wireless Network. IEEE Access, 2019, 7, 156907-156916.	2.6	9
68	Secure Transmissions in Wireless Information and Power Transfer Millimeter-Wave Ultra-Dense Networks. IEEE Transactions on Information Forensics and Security, 2019, 14, 1817-1829.	4.5	31
69	Joint Channel Estimation and Tx/Rx I/Q Imbalance Compensation for GFDM Systems. IEEE Transactions on Wireless Communications, 2019, 18, 1304-1317.	6.1	25
70	Downlink Resource Sharing in Multichannel Device-to-Device Communication. IEEE Wireless Communications Letters, 2019, 8, 741-744.	3.2	8
71	Two-Level Transmission Scheme for Cache-Enabled Fog Radio Access Networks. IEEE Transactions on Communications, 2019, 67, 445-456.	4.9	19
72	Feature fusion methods research based on deep belief networks for speech emotion recognition under noise condition. Journal of Ambient Intelligence and Humanized Computing, 2019, 10, 1787-1798.	3.3	59

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73	Beamforming Design for Downlink Non-Orthogonal Multiple Access Systems. IEEE Access, 2018, 6, 10956-10965.	2.6	14
74	Near-Optimal Pilot Signal Design for FDD Massive MIMO System: An Energy-Efficient Perspective. IEEE Access, 2018, 6, 13275-13288.	2.6	2
75	Hybrid Precoding for Multi-Subarray Millimeter-Wave Communication Systems. IEEE Wireless Communications Letters, 2018, 7, 440-443.	3.2	21
76	Robust Secure Beamforming for 5G Cellular Networks Coexisting With Satellite Networks. IEEE Journal on Selected Areas in Communications, 2018, 36, 932-945.	9.7	102
77	Power-Efficient Communication in UAV-Aided Wireless Sensor Networks. IEEE Communications Letters, 2018, 22, 1264-1267.	2.5	116
78	Resource Management for Device-to-Device Communication: A Physical Layer Security Perspective. IEEE Journal on Selected Areas in Communications, 2018, 36, 946-960.	9.7	63
79	Analysis of Millimeter-Wave Multi-Hop Networks With Full-Duplex Buffered Relays. IEEE/ACM Transactions on Networking, 2018, 26, 576-590.	2.6	25
80	Performance Analysis for Massive MIMO Downlink With Low Complexity Approximate Zero-Forcing Precoding. IEEE Transactions on Communications, 2018, 66, 3848-3864.	4.9	33
81	Interleaved Training and Training-Based Transmission Design for Hybrid Massive Antenna Downlink. IEEE Journal on Selected Topics in Signal Processing, 2018, 12, 541-556.	7.3	14
82	Signal Processing for MIMO-NOMA: Present and Future Challenges. IEEE Wireless Communications, 2018, 25, 32-38.	6.6	93
83	Analysis of Panel Antenna Arrays in Los MIMO System. IEEE Access, 2018, 6, 23303-23315.	2.6	9
84	Resource allocation for outage performance in heterogeneous networks: a matching game approach. Wireless Networks, 2018, 24, 1873-1883.	2.0	3
85	Resource Optimization for Device-to-Device and Small Cell Uplink Communications Underlying Cellular Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 1187-1201.	3.9	28
86	Energy optimization for Cellular-Connected UAV Mobile Edge Computing Systems. , 2018, , .		18
87	Energy Efficient Hybrid Precoding for Millimeter Wave F-RAN with Wireless Fronthaul. , 2018, , .		1
88	Optimal Resource Partitioning and Bit Allocation for UAV-Enabled Mobile Edge Computing. , 2018, , .		19
89	Cache-Enabled Hierarchical Transmission Scheme for Fog Radio Access Networks. , 2018, , .		2
90	Energy Efficient Beamforming in Heterogeneous Small Cell Networks. , 2018, , .		0

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91	Energy-Efficient Cooperative Hybrid Precoding for Millimeter-Wave Communication Networks. , 2018, ,		4
92	Performance of Interleaved Training for Single-User Hybrid Massive Antenna Downlink. , 2018, ,		0
93	Interleaved Training Codebook Design for Millimeter-wave Communication System. , 2018, ,		3
94	Energy Optimization for Cellular-Connected Multi-UAV Mobile Edge Computing Systems with Multi-Access Schemes. Journal of Communications and Information Networks, 2018, 3, 33-44.	3.5	45
95	Positioning Algorithm and AoD Estimation for mmWave FD-MISO System. , 2018, ,		7
96	Hybrid Precoding for Wideband Millimeter-Wave Systems With Finite Resolution Phase Shifters. IEEE Transactions on Vehicular Technology, 2018, 67, 11285-11290.	3.9	25
97	Constant Envelope Hybrid Precoding for Directional Millimeter-Wave Communications. IEEE Journal on Selected Areas in Communications, 2018, 36, 845-859.	9.7	55
98	Outage probability minimization for low-altitude UAV-enabled full-duplex mobile relaying systems. China Communications, 2018, 15, 9-24.	2.0	28
99	A Collaborative Hotspot Caching Design for 5G Cellular Network. IEEE Access, 2018, 6, 38161-38170.	2.6	16
100	A Normalized Complex LMS Based Blind I/Q Imbalance Compensator for GFDM Receivers and Its Full Second-Order Performance Analysis. IEEE Transactions on Signal Processing, 2018, 66, 4701-4712.	3.2	29
101	Wideband millimeter wave communication: Single carrier based hybrid precoding with sparse optimization. IEEE Transactions on Vehicular Technology, 2018, 67, 9696-9710.	3.9	29
102	Low Complexity Approximate Zero-Forcing Precoding for Massive MIMO Downlink. , 2018, ,		0
103	Wideband Millimeter Wave Communication With Lens Antenna Array: Joint Beamforming and Antenna Selection With Group Sparse Optimization. IEEE Transactions on Wireless Communications, 2018, 17, 6575-6589.	6.1	38
104	Millimeter Wave Massive MIMO. , 2018, , 1-4.		1
105	Low-Latency Heterogeneous Networks with Millimeter-Wave Communications. , 2018, 56, 124-129.		24
106	Millimeter Wave Channel Access. , 2018, , 1-8.		0
107	Millimeter Wave Beam Training and Tracking. , 2018, , 1-6.		0
108	Noncircular Measurement and Mitigation of I/Q Imbalance for OFDM-Based WLAN Transmitters. IEEE Transactions on Instrumentation and Measurement, 2017, 66, 383-393.	2.4	22

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109	Distributed Optimization of Hierarchical Small Cell Networks: A GNEP Framework. IEEE Journal on Selected Areas in Communications, 2017, 35, 249-264.	9.7	38
110	Sum-Rate Analysis for Massive MIMO Downlink With Joint Statistical Beamforming and User Scheduling. IEEE Transactions on Wireless Communications, 2017, 16, 2181-2194.	6.1	78
111	Energy-efficient resource allocation for device-to-device communication with WPT. IET Communications, 2017, 11, 326-334.	1.5	25
112	Max-Min Weighted Downlink SINR With Uplink SINR Constraints for Full-Duplex MIMO Systems. IEEE Transactions on Signal Processing, 2017, 65, 3277-3292.	3.2	7
113	IQ Imbalance Compensation for Generalized Frequency Division Multiplexing Systems. IEEE Wireless Communications Letters, 2017, 6, 422-425.	3.2	21
114	Pilot Contamination Reduction in Multi-cell TDD Systems with Very Large MIMO Arrays. Wireless Personal Communications, 2017, 96, 5785-5808.	1.8	9
115	Antenna selection for two-way full duplex massive MIMO networks with amplify-and-forward relay. Science China Information Sciences, 2017, 60, 1.	2.7	7
116	Energy-efficient precoding design for cloud radio access networks. IET Communications, 2017, 11, 1864-1870.	1.5	4
117	On Optimal Power Allocation for Downlink Non-Orthogonal Multiple Access Systems. IEEE Journal on Selected Areas in Communications, 2017, , 1-1.	9.7	235
118	Codebook Design for Beam Alignment in Millimeter Wave Communication Systems. IEEE Transactions on Communications, 2017, 65, 4980-4995.	4.9	103
119	Performance Scaling Law for Multicell Multiuser Massive MIMO. IEEE Transactions on Vehicular Technology, 2017, 66, 9890-9903.	3.9	17
120	Energy Efficient Beamforming for Massive MIMO Public Channel. IEEE Transactions on Vehicular Technology, 2017, 66, 10595-10600.	3.9	27
121	Convexity of Weighted Sum Rate Maximization in NOMA Systems. IEEE Signal Processing Letters, 2017, 24, 1323-1327.	2.1	57
122	Beam-Blocked Channel Estimation for FDD Massive MIMO With Compressed Feedback. IEEE Access, 2017, 5, 11791-11804.	2.6	36
123	Codebook-Based Hybrid Precoding for Millimeter Wave Multiuser Systems. IEEE Transactions on Signal Processing, 2017, 65, 5289-5304.	3.2	145
124	Millimeter Wave Communications for Future Mobile Networks. IEEE Journal on Selected Areas in Communications, 2017, 35, 1909-1935.	9.7	797
125	Cooperative Multi-Subarray Beam Training in Millimeter Wave Communication Systems. , 2017, , .		11
126	Design and implementation of a tdd-based 128-antenna massive MIMO prototype system. China Communications, 2017, 14, 162-187.	2.0	29

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127	Training sequence design for channel estimation and IQ imbalance compensation in GFDM systems. , 2017, , .		2
128	Joint Optimization of Analog Beam and User Scheduling for Millimeter Wave Communications. IEEE Communications Letters, 2017, 21, 2638-2641.	2.5	33
129	Energy-efficient hybrid precoding for broadband millimeter wave communication systems. , 2017, , .		6
130	Constant envelope precoding for secure millimeter-wave wireless communication. , 2017, , .		3
131	Multichannel Resource Allocation for Downlink Non-Orthogonal Multiple Access Systems. , 2017, , .		5
132	Hybrid Precoder Design for Millimeter Wave Systems Based on Geometric Construction. , 2017, , .		2
133	Per-Antenna Constant Envelope Precoding and Antenna Subset Selection: A Geometric Approach. IEEE Transactions on Signal Processing, 2016, 64, 6089-6104.	3.2	27
134	Energy Efficient Joint User Association and Power Allocation Design in Massive MIMO Empowered Dense HetNets. , 2016, , .		5
135	Delay and Backlog Analysis for 60 GHz Wireless Networks. , 2016, , .		14
136	Energy-efficient resource allocation in C-RAN with fronthaul rate constraints. , 2016, , .		7
137	Energy-Efficient Transceiver Design for Hybrid Sub-Array Architecture MIMO Systems. IEEE Access, 2016, 4, 9895-9905.	2.6	79
138	Hierarchy precoder design for multi-cell multiuser multiple-input multiple-output wireless networks with interference alignment. IET Signal Processing, 2016, 10, 218-226.	0.9	2
139	Energy-efficient user association in downlink heterogeneous cellular networks. IET Communications, 2016, 10, 1553-1561.	1.5	28
140	A Low-Complexity Multiuser Adaptive Modulation Scheme for Massive MIMO Systems. IEEE Signal Processing Letters, 2016, 23, 1464-1468.	2.1	13
141	Joint Antenna Selection and Energy-Efficient Beamforming Design. IEEE Signal Processing Letters, 2016, , 1-1.	2.1	20
142	Secure Beamforming Design for SWIPT in MISO Broadcast Channel With Confidential Messages and External Eavesdroppers. IEEE Transactions on Wireless Communications, 2016, 15, 7807-7819.	6.1	55
143	Beam-blocked compressive channel estimation for FDD massive MIMO systems. , 2016, , .		7
144	Outage Performance of Cognitive Hybrid Satellite-Terrestrial Networks With Interference Constraint. IEEE Transactions on Vehicular Technology, 2016, 65, 9397-9404.	3.9	137

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145	Ergodic Achievable Secrecy Rate of Multiple-Antenna Relay Systems With Cooperative Jamming. IEEE Transactions on Wireless Communications, 2016, 15, 2537-2551.	6.1	49
146	Precoding design for interference mitigation in cognitive radio networks based on matrix distance. Computers and Electrical Engineering, 2016, 52, 307-318.	3.0	3
147	Energy-Efficient Optimization for Downlink Massive MIMO FDD Systems With Transmit-Side Channel Correlation. IEEE Transactions on Vehicular Technology, 2016, 65, 7228-7243.	3.9	93
148	Resource Efficiency: A New Beamforming Design for Multicell Multiuser Systems. IEEE Transactions on Vehicular Technology, 2016, 65, 6063-6074.	3.9	5
149	On Massive MIMO Zero-Forcing Transceiver Using Time-Shifted Pilots. IEEE Transactions on Vehicular Technology, 2016, 65, 59-74.	3.9	83
150	A new transceiver design based on weighted sum-MSE criterion for multi-cell MIMO interfering broadcast channels. , 2015, , .		0
151	Robust collaborative relay beamforming design for two-way relay systems with reciprocal CSI. Wireless Networks, 2015, 21, 2209-2221.	2.0	2
152	Distributed offloading strategy with interference avoidance for heterogeneous cellular networks. , 2015, , .		0
153	Coordinated beamforming design for multicell systems with transceiver impairments: from perspective of spectral efficiency to energy efficiency. Eurasip Journal on Wireless Communications and Networking, 2015, 2015, .	1.5	0
154	An efficient interference mitigating scheme for cognitive radio networks: From the perspective of space pooling. , 2015, , .		0
155	Energy-Efficient Resource Allocation in Uplink Multiuser Massive MIMO Systems. International Journal of Antennas and Propagation, 2015, 2015, 1-9.	0.7	11
156	Game Theoretic Max-logit Learning Approaches for Joint Base Station Selection and Resource Allocation in Heterogeneous Networks. IEEE Journal on Selected Areas in Communications, 2015, 33, 1068-1081.	9.7	39
157	Energy Efficient Coordinated Beamforming Design in Multi-Cell Multicast Networks. IEEE Communications Letters, 2015, 19, 985-988.	2.5	35
158	Secure Transmission Scheme for SWIPT in MISO Broadcast Channel with Confidential Messages and External Eavesdroppers. , 2015, , .		3
159	Energy efficient multi-pair transmission in large-scale multi-antenna relay systems. , 2015, , .		3
160	Performance analysis of self-organizing heterogeneous network with interference cancellation. , 2015, , .		2
161	Energy Efficient Coordinated Beamforming for Multicell System: Duality-Based Algorithm Design and Massive MIMO Transition. IEEE Transactions on Communications, 2015, 63, 4920-4935.	4.9	40
162	Robust security-aware beamforming design for cognitive radio networks. , 2015, , .		0

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163	Optimal Energy-Efficient Resource Allocation for Massive MIMO FDD Downlink System. , 2015, , .		2
164	Energy efficient power allocation scheme in heterogeneous cellular networks. , 2015, , .		4
165	Resource efficient beamforming design for heterogeneous multiuser systems. , 2015, , .		0
166	Extraction of adaptive wavelet packet filterbank-based acoustic feature for speech emotion recognition. IET Signal Processing, 2015, 9, 341-348.	0.9	28
167	Energy efficient coordinated precoding design for a multicell system with RF energy harvesting. Eurasip Journal on Wireless Communications and Networking, 2015, 2015, .	1.5	16
168	On imperfect pricing in globally constrained noncooperative games for cognitive radio networks. Signal Processing, 2015, 117, 96-101.	2.1	3
169	Performance Analysis of Antenna Selection in Two-Way Relay Networks. IEEE Transactions on Signal Processing, 2015, 63, 2520-2532.	3.2	45
170	Secure Beamforming for SWIPT in Multiuser MISO Broadcast Channel With Confidential Messages. IEEE Communications Letters, 2015, 19, 1347-1350.	2.5	57
171	Performance Analysis of Multi-Antenna Hybrid Satellite-Terrestrial Relay Networks in the Presence of Interference. IEEE Transactions on Communications, 2015, 63, 4390-4404.	4.9	163
172	Robust Beamforming for Joint Transceiver Design in <i>K</i>-User Interference Channel over Energy Efficient 5G. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2015, E98.A, 1860-1864.	0.2	1
173	Power control and low-complexity receiver for uplink massive MIMO systems. , 2014, , .		2
174	Coordinated Multicell Precoding for Weighted Sum Rate Maximization with Per-Cell EE Constraints. , 2014, , .		0
175	Coordinated energy-efficient precoding for CR MIMO interference channels. , 2014, , .		5
176	Energy-efficient coordinated precoding for multicell system with transceiver impairments. , 2014, , .		0
177	Performance Analysis of Antenna Selection in Two-Way Decode-and-Forward Relay Networks. , 2014, , .		5
178	Symbol Error Analysis of Hybrid Satellite-terrestrial Cooperative Networks With Cochannel Interference. IEEE Communications Letters, 2014, 18, 1947-1950.	2.5	90
179	Speech Emotion Recognition Based on Coiflet Wavelet Packet Cepstral Coefficients. Communications in Computer and Information Science, 2014, , 436-443.	0.4	5
180	Energy-efficiency resource allocation of very large multi-user MIMO systems. Wireless Networks, 2014, 20, 1421-1430.	2.0	22

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181	Duality Based Energy-Efficient Beamforming Design for Multiuser Downlink Systems. IEEE Wireless Communications Letters, 2014, 3, 409-412.	3.2	2
182	Energy-Efficient Precoder Design for MIMO Wiretap Channels. IEEE Communications Letters, 2014, 18, 1559-1562.	2.5	52
183	Robust precoding for joint transmission in multicell multiuser downlink systems. IET Communications, 2014, 8, 2026-2034.	1.5	1
184	Leakage-Aware Energy-Efficient Beamforming for Heterogeneous Multicell Multiuser Systems. IEEE Journal on Selected Areas in Communications, 2014, 32, 1268-1281.	9.7	62
185	Improved Emotion Recognition with Novel Task-Oriented Wavelet Packet Features. Lecture Notes in Computer Science, 2014, , 706-714.	1.0	5
186	Area-classified interference coordination for heterogeneous cellular network. Eurasip Journal on Wireless Communications and Networking, 2014, 2014, .	1.5	7
187	Decentralized Energy-Efficient Coordinated Beamforming for Multicell Systems. IEEE Transactions on Vehicular Technology, 2014, 63, 4302-4314.	3.9	34
188	Performance analysis of femtocells network with co-channel interference. Signal Processing, 2014, 100, 32-41.	2.1	9
189	Coordinated Multicell Multiuser Precoding for Maximizing Weighted Sum Energy Efficiency. IEEE Transactions on Signal Processing, 2014, 62, 741-751.	3.2	212
190	Coordinated beamforming for sum rate maximization in multi-cell downlink systems. Signal Processing, 2014, 105, 22-29.	2.1	8
191	A Cooperative Relay Selection for Two-Way Cooperative Relay Networks in Nakagami Channels. Wireless Personal Communications, 2013, 71, 2045-2065.	1.8	12
192	Non-conservative robust joint transmission beamforming for multicell multiuser systems. , 2013, , .		0
193	Max-Min Energy Efficient Beamforming for Multicell Multiuser Joint Transmission Systems. IEEE Communications Letters, 2013, 17, 1956-1959.	2.5	46
194	Coordinated Beamforming for Energy Efficient Transmission in Multicell Multiuser Systems. IEEE Transactions on Communications, 2013, 61, 4961-4971.	4.9	163
195	Performance of antenna selection for two-way relay networks with Physical Network Coding. , 2013, , .		4
196	Energy harvesting balancing technique for robust beamforming in multiuser MISO SWIPT system. , 2013, , .		19
197	Performance of multiple relay selection with QoS requirement for cooperative relay networks. , 2013, , .		3
198	Performance analysis on precoding and pilot scheduling in very large MIMO multi-cell systems. , 2013, , .		13

#	ARTICLE	IF	CITATIONS
199	EFFECT OF BEAMFORMING ON MULTI-ANTENNA TWO HOP ASYMMETRIC FADING CHANNELS WITH FIXED GAIN RELAYS. Progress in Electromagnetics Research, 2013, 133, 367-390.	1.6	12
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