

# Zesong Fei

## List of Publications by Year in descending order

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215  
papers

4,024  
citations

201674

27  
h-index

138484

58  
g-index

215  
all docs

215  
docs citations

215  
times ranked

3691  
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep Learning-Aided Signal Detection for Two-Stage Index Modulated Universal Filtered Multi-Carrier Systems. IEEE Transactions on Cognitive Communications and Networking, 2022, 8, 136-154.	7.9	9
2	Spatial-Reuse-Based Efficient Coexistence for Cellular and WiFi Systems in the Unlicensed Band. IEEE Internet of Things Journal, 2022, 9, 1885-1898.	8.7	7
3	Attribute-Aware Feature Encoding for Object Recognition and Segmentation. IEEE Transactions on Multimedia, 2022, 24, 3611-3623.	7.2	4
4	Joint Waveform and Discrete Phase Shift Design for RIS-Assisted Integrated Sensing and Communication System Under Cramer-Rao Bound Constraint. IEEE Transactions on Vehicular Technology, 2022, 71, 1004-1009.	6.3	79
5	Sensing-Assisted Secure Uplink Communications With Full-Duplex Base Station. IEEE Communications Letters, 2022, 26, 249-253.	4.1	11
6	Efficient Direct Localization of OFDM Emitters in Multipath Environment With Mobile Receivers. IEEE Transactions on Vehicular Technology, 2022, 71, 545-556.	6.3	6
7	Coverage performance of the multilayer UAV-terrestrial HetNet with CoMP transmission scheme. Frontiers of Information Technology and Electronic Engineering, 2022, 23, 61-72.	2.6	3
8	Belief Propagation Based Joint Detection and Decoding for Resistive Random Access Memories. IEEE Transactions on Communications, 2022, 70, 2227-2239.	7.8	2
9	Joint User Association and Edge Caching in Multi-Antenna Small-Cell Networks. IEEE Transactions on Communications, 2022, 70, 3774-3787.	7.8	4
10	Secure Online Fountain Codes With Low Complexity. IEEE Communications Letters, 2022, 26, 1499-1503.	4.1	2
11	30-GHz Low-Phase-Noise Scalable Multicore Class-F Voltage-Controlled Oscillators Using Coupled-Line-Based Synchronization Topology. IEEE Microwave and Wireless Components Letters, 2022, 32, 1183-1186.	3.2	2
12	Distributed deep learning for cooperative computation offloading in low earth orbit satellite networks. China Communications, 2022, 19, 230-243.	3.2	8
13	Intelligent task offloading and collaborative computation in multi-UAV-enabled mobile edge computing. China Communications, 2022, 19, 244-256.	3.2	12
14	EXIT-Aided Scheduled Iterative MIMO Detection Under Non-Homogeneous Antenna Propagation Gain Scenarios. IEEE Transactions on Vehicular Technology, 2022, 71, 10600-10614.	6.3	0
15	Energy-Efficient Multiuser Localization in the RIS-Assisted IoT Networks. IEEE Internet of Things Journal, 2022, 9, 20651-20665.	8.7	3
16	ASAP: Adversarial Learning Based Secure Autoprecoder Design for MIMO Wiretap Channels. IEEE Wireless Communications Letters, 2022, 11, 1915-1919.	5.0	0
17	Secure Aerial Computing: Convergence of Mobile Edge Computing and Blockchain for UAV Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 12073-12087.	6.3	6
18	Coordinated precoding for Multi-Satellite Communications: A Deterministic Equivalent Approach. , 2022, , .		1

#	ARTICLE	IF	CITATIONS
19	Irregular repetition slotted ALOHA with total transmit power limitation. Science China Information Sciences, 2021, 64, 1.	4.3	0
20	Reliable Broadcast Based on Online Fountain Codes. IEEE Communications Letters, 2021, 25, 369-373.	4.1	15
21	RIS-Assisted Spectrum Sharing Between MIMO Radar and MU-MISO Communication Systems. IEEE Wireless Communications Letters, 2021, 10, 594-598.	5.0	44
22	Fusion of Machine Learning and Privacy Preserving for Secure Facial Expression Recognition. Security and Communication Networks, 2021, 2021, 1-12.	1.5	8
23	2D DOA Estimation Exploiting Vertical Synthetic Planar Arrays. IEEE Access, 2021, 9, 3497-3507.	4.2	4
24	Joint Bandwidth and Transmission Opportunity Allocation for the Coexistence Between NR-U and WiFi Systems in the Unlicensed Band. IEEE Transactions on Vehicular Technology, 2021, 70, 11881-11893.	6.3	8
25	Weighted Online Fountain Codes With Limited Buffer Size and Feedback Transmissions. IEEE Transactions on Communications, 2021, 69, 7960-7973.	7.8	6
26	Improved HTLO Algorithm for On-Line Fountain Codes with Limited Feedback. , 2021, , .		1
27	Constrained Utility Maximization in Dual-Functional Radar-Communication Multi-UAV Networks. IEEE Transactions on Communications, 2021, 69, 2660-2672.	7.8	54
28	Mixed-Timescale Caching and Beamforming in Content Recommendation Aware Fog-RAN: A Latency Perspective. IEEE Transactions on Communications, 2021, 69, 2427-2440.	7.8	22
29	Joint Waveform Design and Passive Beamforming for RIS-Assisted Dual-Functional Radar-Communication System. IEEE Transactions on Vehicular Technology, 2021, 70, 5131-5136.	6.3	93
30	Computation Offloading in LEO Satellite Networks With Hybrid Cloud and Edge Computing. IEEE Internet of Things Journal, 2021, 8, 9164-9176.	8.7	116
31	Joint resource allocation and power control for radar interference mitigation in multi-UAV networks. Science China Information Sciences, 2021, 64, 1.	4.3	5
32	Transmitter Design for Integrated Sensing and Communication Systems with Integrated Services. , 2021, , .		0
33	Pilot Design and Optimization for OTFS Modulation. IEEE Wireless Communications Letters, 2021, 10, 1742-1746.	5.0	23
34	Coverage Performance of the Terrestrial-UAV HetNet Utilizing Licensed and Unlicensed Spectrum Bands. IEEE Access, 2021, 9, 124100-124114.	4.2	6
35	Secure transmission in downlink non-orthogonal multiple access based on polar codes. China Communications, 2021, 18, 221-235.	3.2	2
36	Co-Design of Spectrum Sharing Between MIMO Radar and MISO Secure Communication Systems. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
37	Resource Scheduling and Offloading Strategy Based on LEO Satellite Edge Computing. , 2021, , .		5
38	Outage Performance for UAV Communications under Imperfect Beam Alignment: A Stochastic Geometry Approach. , 2021, , .		1
39	Video representation by dense trajectories motion map applied to human activity recognition. International Journal of Computers and Applications, 2020, 42, 474-484.	1.3	2
40	Pilot Decontamination Based on Superimposed Pilots Assisted by Time-Multiplexed Pilots in Massive MIMO Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 405-417.	6.3	15
41	Physical-Layer Security in Space Information Networks: A Survey. IEEE Internet of Things Journal, 2020, 7, 33-52.	8.7	130
42	QoE Evaluation Methods for 360-Degree VR Video Transmission. IEEE Journal on Selected Topics in Signal Processing, 2020, 14, 78-88.	10.8	21
43	Evaluating the Factors Affecting QoE of 360-Degree Videos and Cybersickness Levels Predictions in Virtual Reality. Electronics (Switzerland), 2020, 9, 1530.	3.1	20
44	Finite-Alphabet Signature Design for Grant-Free NOMA: A Quantized Deep Learning Approach. IEEE Transactions on Vehicular Technology, 2020, 69, 10975-10987.	6.3	15
45	WLAN Fingerprint Localization with Stable Access Point Selection and Deep LSTM. , 2020, , .		7
46	Enhancing the Orthogonality of Polyphase Signal With Multi-Pulse Joint Processing. IEEE Transactions on Vehicular Technology, 2020, 69, 9656-9666.	6.3	0
47	Remote Radio Head Activation and User Association in Dense C-RANs. IEEE Transactions on Vehicular Technology, 2020, 69, 12216-12228.	6.3	3
48	Subjective QoE of 360-Degree Virtual Reality Videos and Machine Learning Predictions. IEEE Access, 2020, 8, 148084-148099.	4.2	42
49	Measuring quality of experience for 360-degree videos in virtual reality. Science China Information Sciences, 2020, 63, 1.	4.3	12
50	Proactive Dynamic Channel Selection Based on Multi-Armed Bandit Learning for 5G NR-U. IEEE Access, 2020, 8, 196363-196374.	4.2	8
51	Impact of the Impairment in 360-Degree Videos on Users VR Involvement and Machine Learning-Based QoE Predictions. IEEE Access, 2020, 8, 204585-204596.	4.2	7
52	Interference Characterization and Power Optimization for Automotive Radar With Directional Antenna. IEEE Transactions on Vehicular Technology, 2020, 69, 3703-3716.	6.3	12
53	Design and Analysis of Online Fountain Codes for Intermediate Performance. IEEE Transactions on Communications, 2020, 68, 5313-5325.	7.8	15
54	Finite-Alphabet Signature Design for Grant-Free NOMA using Quantized Deep Learning. , 2020, , .		1

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55	Energy-Efficient Robust Computation Offloading for Fog-IoT Systems. IEEE Transactions on Vehicular Technology, 2020, 69, 4417-4425.	6.3	16
56	Nested Construction of Polar Codes for Blind Detection. IEEE Wireless Communications Letters, 2020, 9, 711-715.	5.0	7
57	Performance Analysis of the Coexistence of 5G NR-Unlicensed and Wi-Fi with Mode Selection. , 2020, , .		8
58	AI-enhanced constellation design for NOMA system: A model driven method. China Communications, 2020, 17, 100-110.	3.2	4
59	Positioning with Dual Reconfigurable Intelligent Surfaces in Millimeter-Wave MIMO Systems. , 2020, , .		15
60	An Almost Blank Subframe Allocation Algorithm for 5G New Radio in Unlicensed Bands. , 2020, , .		3
61	Improved 2D Coprime Array Structure with the Difference and Sum Coarray Concept. Electronics (Switzerland), 2020, 9, 273.	3.1	3
62	Secrecy energy efficiency performance in communication networks with mobile sinks. Physical Communication, 2019, 32, 41-49.	2.1	9
63	Analysis of irregular repetition spatially-coupled slotted ALOHA. Science China Information Sciences, 2019, 62, 1.	4.3	7
64	Distributed User-Centric Clustering and Base Station Mode Choose in Ultra Dense Networks. , 2019, , .		3
65	Low Complexity Polar Decoder for 5G Embb Control Channel. IEEE Access, 2019, 7, 50710-50717.	4.2	10
66	Multiple-Block Combined Decoding for Cell Search With Polar Codes. IEEE Access, 2019, 7, 71770-71779.	4.2	0
67	Connected-coding Retransmission Scheme for Low-density Parity-check Codes in 5G. , 2019, , .		1
68	Robust Secrecy Energy Efficiency Optimization for Wireless Powered Heterogeneous Networks Using Distributed ADMM Algorithm. IEEE Access, 2019, 7, 116277-116294.	4.2	2
69	Joint Multi-User Computation Offloading and Data Caching for Hybrid Mobile Cloud/Edge Computing. IEEE Transactions on Vehicular Technology, 2019, 68, 11018-11030.	6.3	66
70	Dynamic Offloading for Energy Harvesting Mobile Edge Computing: Architecture, Case Studies, and Future Directions. IEEE Access, 2019, 7, 79877-79886.	4.2	30
71	Can Categories and Attributes Be Learned in a Multi-Task Way?. IEEE Transactions on Multimedia, 2019, 21, 3194-3204.	7.2	5
72	Cooperative LBT Design and Effective Capacity Analysis for 5G NR Ultra Dense Networks in Unlicensed Spectrum. IEEE Access, 2019, 7, 50265-50279.	4.2	22

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73	Toward Optimal Remote Radio Head Activation, User Association, and Power Allocation in C-RANs Using Benders Decomposition and ADMM. IEEE Transactions on Communications, 2019, 67, 5008-5023.	7.8	5
74	3D-CNN-Based Fused Feature Maps with LSTM Applied to Action Recognition. Future Internet, 2019, 11, 42.	3.8	36
75	Clustering Based Interference Analysis of GSM-R Network on Drive Test Data. , 2019, , .		0
76	V2X-communication assisted interference minimization for automotive radars. China Communications, 2019, 16, 100-111.	3.2	20
77	Modified Iterative BP-CNN Decoder Under Correlated Noise with Symmetric $\hat{1}\pm$ -stable Distributions. , 2019, , .		0
78	Cooperative jamming for physical layer security in hybrid satellite terrestrial relay networks. China Communications, 2019, 16, 154-164.	3.2	20
79	Facial Expression Recognition of Nonlinear Facial Variations Using Deep Locality De-Expression Residue Learning in the Wild. Electronics (Switzerland), 2019, 8, 1487.	3.1	6
80	UAV Communications for 5G and Beyond: Recent Advances and Future Trends. IEEE Internet of Things Journal, 2019, 6, 2241-2263.	8.7	864
81	Secure Wideband Beamforming Design for Two-Way MIMO Relaying Systems. IEEE Transactions on Vehicular Technology, 2019, 68, 3472-3486.	6.3	16
82	Security-Reliability Tradeoff Analysis for Cooperative NOMA in Cognitive Radio Networks. IEEE Transactions on Communications, 2019, 67, 83-96.	7.8	82
83	Optimal File Dissemination and Beamforming for Cache-Enabled C-RANs. IEEE Access, 2018, 6, 6390-6399.	4.2	6
84	Resource Allocations for Secure Cognitive Satellite-Terrestrial Networks. IEEE Wireless Communications Letters, 2018, 7, 78-81.	5.0	70
85	Secrecy Energy Efficiency in Wireless Powered Heterogeneous Networks: A Distributed ADMM Approach. IEEE Access, 2018, 6, 20609-20624.	4.2	27
86	Polarization Sensitive Array Based Physical-Layer Security. IEEE Transactions on Vehicular Technology, 2018, 67, 3964-3981.	6.3	13
87	Optimal Design of Resource Element Mapping for Sparse Spreading Non-Orthogonal Multiple Access. IEEE Wireless Communications Letters, 2018, 7, 744-747.	5.0	12
88	Robust Chance-Constrained Secure Transmission for Cognitive Satellite-“Terrestrial Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 4208-4219.	6.3	112
89	Secure Transmission for Heterogeneous Cellular Networks With Wireless Information and Power Transfer. IEEE Systems Journal, 2018, 12, 3755-3766.	4.6	61
90	Probabilistic-constrained robust secure transmission for energy harvesting over MISO channels. Science China Information Sciences, 2018, 61, 1.	4.3	11

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91	Secrecy-Optimized Resource Allocation for UAV-Assisted Relaying Networks. , 2018, , .		13
92	Pilot Decontamination Based on Superimposed Pilots in Massive MIMO Systems. , 2018, , .		1
93	Precoder design in downlink CoMP-JT MIMO network via WMMSE and asynchronous ADMM. Science China Information Sciences, 2018, 61, 1.	4.3	8
94	Short-time Modulation Classification of Complex Wireless Communication Signal Based on Deep Neural Network. , 2018, , .		4
95	Error Control Codes for Next-Generation Communication Systems: Opportunities and Challenges. Wireless Communications and Mobile Computing, 2018, 2018, 1-2.	1.2	1
96	Attribute Driven Zero-Shot Classification and Segmentation. , 2018, , .		3
97	Robust Superimposed Training Designs for MIMO AF Relaying Channels under Total Power Constraint. , 2018, , .		1
98	Achievable Rates of Gaussian Interference Channel with Multi-Layer Rate-Splitting and Successive Simple Decoding. Wireless Communications and Mobile Computing, 2018, 2018, 1-13.	1.2	0
99	Performance Analysis and Improvement of Online Fountain Codes. IEEE Transactions on Communications, 2018, 66, 5916-5926.	7.8	15
100	QoE-Aware Mobile VR HAS Cache Management With Coding Helper. IEEE Access, 2018, 6, 44556-44569.	4.2	2
101	Secure transmission scheme for parallel relay channels based on polar coding. Tsinghua Science and Technology, 2018, 23, 357-365.	6.1	8
102	A Novel Design of Downlink Control Information Encoding and Decoding Based on Polar Codes. Wireless Communications and Mobile Computing, 2018, 2018, 1-7.	1.2	3
103	Enhanced frameless slotted ALOHA protocol with Markov chains analysis. Science China Information Sciences, 2018, 61, 1.	4.3	8
104	Millimeter-Wave Secrecy Beamforming Designs for Two-Way Amplify-and-Forward MIMO Relaying Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 2059-2071.	6.3	67
105	On-Line Fountain Codes With Unequal Error Protection. IEEE Communications Letters, 2017, 21, 1225-1228.	4.1	18
106	A Video Quality Assessment Method for VoIP Applications Based on User Experience. Sensing and Imaging, 2017, 18, 1.	1.5	1
107	Adaptive Mode Switching for Cognitive Wireless Powered Communication Systems. IEEE Wireless Communications Letters, 2017, 6, 386-389.	5.0	7
108	Distributed Decoding for Coded Slotted ALOHA. IEEE Communications Letters, 2017, 21, 1715-1718.	4.1	8

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109	Joint Angle Estimation and Signal Reconstruction for Coherently Distributed Sources in Massive MIMO Systems Based on 2-D Unitary ESPRIT. IEEE Access, 2017, 5, 9632-9646.	4.2	19
110	Secure Communications for Dual-Polarized MIMO Systems. IEEE Transactions on Signal Processing, 2017, 65, 4177-4192.	5.3	27
111	Energy Efficient Transmission in Multi-User MIMO Relay Channels With Perfect and Imperfect Channel State Information. IEEE Transactions on Wireless Communications, 2017, 16, 3885-3898.	9.2	15
112	Subjective and objective quality assessment of panoramic videos in virtual reality environments. , 2017, , .		40
113	Optimal Transmit Beamforming for Secure SWIPT in a Two-Tier HetNet. IEEE Communications Letters, 2017, 21, 2476-2479.	4.1	29
114	HAS QoE prediction based on dynamic video features with data mining in LTE network. Science China Information Sciences, 2017, 60, 1.	4.3	13
115	A Survey of Multi-Objective Optimization in Wireless Sensor Networks: Metrics, Algorithms, and Open Problems. IEEE Communications Surveys and Tutorials, 2017, 19, 550-586.	39.4	317
116	Group-DCI based scheduling scheme for ultra-reliable and low latency communications. , 2017, , .		3
117	Rate compatible modulation with unequal error protection property. , 2017, , .		0
118	A Study on the Factors Affecting Audio-Video Subjective Experience in Virtual Reality Environments. , 2017, , .		4
119	Memory based LT code with shifted degree. , 2017, , .		1
120	Feedback-aided irregular repetition slotted ALOHA (F-IRSA). , 2017, , .		1
121	Low-complexity decoding architecture for rate-compatible puncturing polar codes. , 2017, , .		1
122	A QoE-based jointly subcarrier and power allocation for multiuser multiservice networks. Science China Information Sciences, 2016, 59, 1.	4.3	5
123	QoE-aware resource allocation for mixed traffics in heterogeneous networks based on Kuhn-Munkres algorithm. , 2016, , .		9
124	Secrecy beamforming design for large millimeter-wave two-way relaying networks. , 2016, , .		4
125	A Hybrid EF/DF Protocol With Rateless Coded Network Code for Two-Way Relay Channels. IEEE Transactions on Communications, 2016, 64, 3133-3147.	7.8	5
126	Robust Artificial Noise-Aided Secure Beamforming in Wireless-Powered Non-Regenerative Relay Networks. IEEE Access, 2016, 4, 7921-7929.	4.2	44



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127	Transceiver designs with matrix-version water-filling architecture under mixed power constraints. Science China Information Sciences, 2016, 59, 1.	4.3	5
128	Robust capacity maximization transceiver design for MIMO OFDM systems. Science China Information Sciences, 2016, 59, 1.	4.3	4
129	Robust beamforming and cooperative jamming for secure transmission in DF relay systems. Eurasip Journal on Wireless Communications and Networking, 2016, 2016, .	2.4	5
130	Improved Luby transform codes in low overhead regions for binary erasure channels. Transactions on Emerging Telecommunications Technologies, 2016, 27, 84-91.	3.9	3
131	Transmission Capacity of Clustered Ad Hoc Networks With Virtual Antenna Array. IEEE Transactions on Vehicular Technology, 2016, 65, 6926-6939.	6.3	4
132	Performance analysis for uplink massive MIMO systems with a large and random number of UEs. Science China Information Sciences, 2016, 59, 1-9.	4.3	18
133	Cooperative beamforming design for physical-layer security of multi-hop MIMO communications. Science China Information Sciences, 2016, 59, 1.	4.3	7
134	The Role of Large-Scale Fading in Uplink Massive MIMO Systems. IEEE Transactions on Vehicular Technology, 2016, 65, 477-483.	6.3	40
135	Matrix-field water-filling architecture for MIMO transceiver designs with mixed power constraints. , 2015, , .		8
136	A novel transceiver architecture in the two-way relay channel with analog and digital beamforming. , 2015, , .		1
137	System-level performance evaluation of ultra-dense networks for 5G. , 2015, , .		7
138	Objective Measurement of Spatial Audio Coding Quality Based on MNL Mapping Model. , 2015, , .		2
139	Gaussian belief propagation for distributed simultaneous localization and tracking in wireless sensor networks. , 2015, , .		0
140	A QoE-based cell range expansion scheme in heterogeneous cellular networks. Science China Information Sciences, 2015, 58, 1-11.	4.3	5
141	Performance Analysis and Location Optimization for Massive MIMO Systems With Circularly Distributed Antennas. IEEE Transactions on Wireless Communications, 2015, 14, 5659-5671.	9.2	67
142	Balancing QoE and fairness of heterogeneous traffics based on Equivalent Rate Scaling. China Communications, 2015, 12, 136-144.	3.2	3
143	Distributed optimization for downlink broadband small cell networks. , 2015, , .		2
144	A new ultra-wideband high-frequency channel model. , 2015, , .		0

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145	A hybrid EF/DF protocol with rateless coded network code for two-way relay channel. , 2015, , .		0
146	QoE-driven resource allocation for mobile IP services in wireless network. Science China Information Sciences, 2015, 58, 1-10.	4.3	14
147	Performance analysis for distributed antenna systems based on random matrix theory. , 2014, , .		0
148	Performance analysis of incremental redundancy hybrid ARQ in mobile ad hoc networks. , 2014, , .		2
149	Low complexity list successive cancellation decoding of polar codes. IET Communications, 2014, 8, 3145-3149.	2.2	24
150	Comprehensive scheduling system based on end-user experience in smart grids. , 2014, , .		1
151	An Efficient Synchronization Signal Design for Neighboring Cell Search. , 2014, , .		1
152	Poster: Quality of experience prediction of HTTP adaptive streaming traffic in LTE system. , 2014, , .		0
153	A robust and distributed design for coordinated downlink beamforming for secure MISO interference channels. Transactions on Emerging Telecommunications Technologies, 2014, 25, 1020-1027.	3.9	5
154	Secrecy-Rate Balancing for Two-User MISO Interference Channels. IEEE Wireless Communications Letters, 2014, 3, 6-9.	5.0	18
155	Robust Low-Complexity MMSE Precoding Algorithm for Cloud Radio Access Networks. IEEE Communications Letters, 2014, 18, 773-776.	4.1	14
156	Leakage-based distributed minimum-mean-square error beamforming for relay-assisted cloud radio access networks. IET Communications, 2014, 8, 1883-1891.	2.2	10
157	Ergodic secrecy rate of two-user MISO interference channels with statistical CSI. Science China Information Sciences, 2014, 57, 1-14.	4.3	4
158	Tensor-based blind signal recovery for multi-carrier amplify-and-forward relay networks. Science China Information Sciences, 2014, 57, 1-11.	4.3	5
159	Performance analysis for range expansion in heterogeneous networks. Science China Information Sciences, 2014, 57, 1-10.	4.3	3
160	A real-time QoE methodology for AMR codec voice in mobile network. Science China Information Sciences, 2014, 57, 1-13.	4.3	0
161	Adaptive multiobjective optimisation for energy efficient interference coordination in multicell networks. IET Communications, 2014, 8, 1374-1383.	2.2	62
162	Low complexity LMMSE beamforming design for uplink virtual MIMO systems. , 2014, , .		0

#	ARTICLE	IF	CITATIONS
163	Robust Filter-and-forward Beamforming Design for Two-way Multi-antenna Relaying Networks. Mobile Networks and Applications, 2013, 18, 467-476.	3.3	1
164	Symbol Error Rate of Space-Time Network Coding in Nakagami- $m$ Fading. IEEE Transactions on Vehicular Technology, 2013, 62, 2644-2655.	6.3	7
165	Robust Coordinated Beamforming for Secure MISO Interference Channels with Bounded Ellipsoidal Uncertainties. IEEE Wireless Communications Letters, 2013, 2, 407-410.	5.0	14
166	An extended packetization-aware mapping algorithm for scalable video coding in finite-length fountain codes. Science China Information Sciences, 2013, 56, 1-10.	4.3	6
167	Statistically robust resource allocation for distributed multi-carrier cooperative networks. Science China Information Sciences, 2013, 56, 1-13.	4.3	3
168	Joint resource allocation for learning-based cognitive radio networks with MIMO-OFDM relay-aided transmissions. , 2013, , .		5
169	Power allocation for OFDM-based cognitive heterogeneous networks. Science China Information Sciences, 2013, 56, 1-10.	4.3	10
170	Robust Transceiver Design for MIMO-OFDM Systems Based on Cluster Water-Filling. IEEE Communications Letters, 2013, 17, 1451-1454.	4.1	8
171	A Matrix-Field Weighted Mean-Square-Error Model for MIMO Transceiver Design. IEEE Communications Letters, 2013, 17, 1652-1655.	4.1	6
172	Performance enhancement with directional antenna in heterogeneous network. , 2013, , .		0
173	The optimization of parameters configuration for AMR codec in mobile networks. , 2013, , .		0
174	Analysis of Hybrid ARQ in Ad Hoc Networks with Correlated Interference and Feedback Errors. IEEE Transactions on Wireless Communications, 2013, 12, 3942-3955.	9.2	11
175	Analysis of hybrid ARQ in interference dominant mobile ad hoc networks. , 2013, , .		2
176	MIMO Beamforming Designs With Partial CSI Under Energy Harvesting Constraints. IEEE Signal Processing Letters, 2013, 20, 363-366.	3.6	78
177	A General Robust Linear Transceiver Design for Multi-Hop Amplify-and-Forward MIMO Relaying Systems. IEEE Transactions on Signal Processing, 2013, 61, 1196-1209.	5.3	181
178	Outage probability analysis for superposition coded symmetric relaying. Science China Information Sciences, 2013, 56, 1-9.	4.3	2
179	Design of Binary Network Codes for Multiuser Multiway Relay Networks. IEEE Transactions on Vehicular Technology, 2013, 62, 3786-3799.	6.3	9
180	Outage analysis of opportunistic amplify-and-forward cooperative cellular systems with random relays. , 2013, , .		1

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181	How to understand linear minimum mean-square-error transceiver design for multiple-input-multiple-output systems from quadratic matrix programming. IET Communications, 2013, 7, 1231-1242.	2.2	88
182	Performance of Superposition Coding for Downlink Coordinated Two-Point System. IEEE Transactions on Vehicular Technology, 2013, 62, 4057-4064.	6.3	9
183	Performance Analysis for Heterogeneous Cellular Systems with Range Expansion. , 2013, , .		3
184	Secrecy Balancing over Two-User MISO Interference Channels with Rician Fading. International Journal of Antennas and Propagation, 2013, 2013, 1-7.	1.2	2
185	Retransmission scheme for multicast transmission based on Network Coding and link adaptation. , 2012, , .		0
186	Semi-dynamic switch on/off algorithm over multi-pico stations in Heterogeneous Network. , 2012, , .		1
187	Distributed Filter-And-Forward Beamforming for Two-Way Relaying Networks under Channel Uncertainties. , 2012, , .		0
188	Maximum mutual information design for amplify-and-forward multi-hop MIMO relaying systems under channel uncertainties. , 2012, , .		0
189	A QoE-based OFDM resource allocation scheme for energy efficiency and quality guarantee in multiuser-multiservice system. , 2012, , .		12
190	Robust two-way amplify-and-forward MIMO relay beamforming with non-reciprocal and reciprocal CSI. , 2012, , .		0
191	On the performance of two-way relaying with dirty paper coding. , 2012, , .		1
192	Outage analysis of opportunistic cooperative ad hoc networks with randomly located nodes. , 2012, , .		0
193	An enhanced echo MIMO channel estimation method. , 2012, , .		1
194	A unified linear MSE minimization MIMO beamforming design based on quadratic matrix programming. , 2012, , .		1
195	Adaptive multi-objective optimization for distributed heterogeneous networks. , 2012, , .		2
196	Robust linear transceiver design for multi-hop non-regenerative MIMO relaying systems. , 2011, , .		3
197	Outage performance analysis for cooperative networks with randomly distributed nodes. , 2011, , .		1
198	Adaptive Partial Decode-and-Forward Relaying with Quantized Feedback. , 2011, , .		2

#	ARTICLE	IF	CITATIONS
199	Adaptive Network Coding Based on the Mutual-Information Model. , 2011, , .		1
200	Beamforming design for multi-pair two-way AF MIMO relaying networks using quadratic programming. , 2011, , .		4
201	On the Performance of Joint Relay Selection and Beamforming with Limited Feedback for AF Cooperative Networks. , 2011, , .		4
202	Enhanced dynamic spectrum sharing for multi-cell heterogeneous networks. , 2011, , .		2
203	Coordinated Precoding in Multi-Cell Scenarios with Interference CSI Only. , 2011, , .		0
204	Construction of LDPC Codes for Coded Cooperative Relay. , 2011, , .		1
205	Robust transceiver design for AF MIMO relay systems with column correlations. , 2011, , .		8
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