

Zesong Fei

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165
papers

2,363
citations

20
h-index

44
g-index

215
ext. papers

3,088
ext. citations

4.5
avg. IF

5.93
L-index

#	Paper	IF	Citations
165	UAV Communications for 5G and Beyond: Recent Advances and Future Trends. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 2241-2263	10.7	483
164	A Survey of Multi-Objective Optimization in Wireless Sensor Networks: Metrics, Algorithms, and Open Problems. <i>IEEE Communications Surveys and Tutorials</i> , 2017 , 19, 550-586	37.1	227
163	A General Robust Linear Transceiver Design for Multi-Hop Amplify-and-Forward MIMO Relaying Systems. <i>IEEE Transactions on Signal Processing</i> , 2013 , 61, 1196-1209	4.8	140
162	Robust Chance-Constrained Secure Transmission for Cognitive Satellite-Terrestrial Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 4208-4219	6.8	87
161	MIMO Beamforming Designs With Partial CSI Under Energy Harvesting Constraints. <i>IEEE Signal Processing Letters</i> , 2013 , 20, 363-366	3.2	66
160	Physical-Layer Security in Space Information Networks: A Survey. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 33-52	10.7	65
159	Security-Reliability Tradeoff Analysis for Cooperative NOMA in Cognitive Radio Networks. <i>IEEE Transactions on Communications</i> , 2019 , 67, 83-96	6.9	61
158	Resource Allocations for Secure Cognitive Satellite-Terrestrial Networks. <i>IEEE Wireless Communications Letters</i> , 2018 , 7, 78-81	5.9	56
157	How to understand linear minimum mean-square-error transceiver design for multiple-input-multiple-output systems from quadratic matrix programming. <i>IET Communications</i> , 2013 , 7, 1231-1242	1.3	56
156	Performance Analysis and Location Optimization for Massive MIMO Systems With Circularly Distributed Antennas. <i>IEEE Transactions on Wireless Communications</i> , 2015 , 14, 5659-5671	9.6	54
155	Millimeter-Wave Secrecy Beamforming Designs for Two-Way Amplify-and-Forward MIMO Relaying Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2017 , 66, 2059-2071	6.8	51
154	Secure Transmission for Heterogeneous Cellular Networks With Wireless Information and Power Transfer. <i>IEEE Systems Journal</i> , 2018 , 12, 3755-3766	4.3	43
153	Robust Artificial Noise-Aided Secure Beamforming in Wireless-Powered Non-Regenerative Relay Networks. <i>IEEE Access</i> , 2016 , 4, 7921-7929	3.5	40
152	Adaptive multiobjective optimisation for energy efficient interference coordination in multicell networks. <i>IET Communications</i> , 2014 , 8, 1374-1383	1.3	31
151	Joint Multi-User Computation Offloading and Data Caching for Hybrid Mobile Cloud/Edge Computing. <i>IEEE Transactions on Vehicular Technology</i> , 2019 , 68, 11018-11030	6.8	30
150	The Role of Large-Scale Fading in Uplink Massive MIMO Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2016 , 65, 477-483	6.8	29
149	Subjective and objective quality assessment of panoramic videos in virtual reality environments 2017 ,		27

148	Secure Communications for Dual-Polarized MIMO Systems. <i>IEEE Transactions on Signal Processing</i> , 2017 , 65, 4177-4192	4.8	23
147	Dynamic Offloading for Energy Harvesting Mobile Edge Computing: Architecture, Case Studies, and Future Directions. <i>IEEE Access</i> , 2019 , 7, 79877-79886	3.5	22
146	Secrecy Energy Efficiency in Wireless Powered Heterogeneous Networks: A Distributed ADMM Approach. <i>IEEE Access</i> , 2018 , 6, 20609-20624	3.5	21
145	Optimal Transmit Beamforming for Secure SWIPT in a Two-Tier HetNet. <i>IEEE Communications Letters</i> , 2017 , 21, 2476-2479	3.8	20
144	3D-CNN-Based Fused Feature Maps with LSTM Applied to Action Recognition. <i>Future Internet</i> , 2019 , 11, 42	3.3	19
143	Low complexity list successive cancellation decoding of polar codes. <i>IET Communications</i> , 2014 , 8, 3145-3149	3.149	18
142	Joint Waveform Design and Passive Beamforming for RIS-Assisted Dual-Functional Radar-Communication System. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 70, 5131-5136	6.8	18
141	. <i>IEEE Access</i> , 2020 , 8, 148084-148099	3.5	17
140	Computation Offloading in LEO Satellite Networks With Hybrid Cloud and Edge Computing. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 9164-9176	10.7	17
139	. <i>IEEE Access</i> , 2017 , 5, 9632-9646	3.5	14
138	Energy Efficient Transmission in Multi-User MIMO Relay Channels With Perfect and Imperfect Channel State Information. <i>IEEE Transactions on Wireless Communications</i> , 2017 , 16, 3885-3898	9.6	14
137	Secrecy-Rate Balancing for Two-User MISO Interference Channels. <i>IEEE Wireless Communications Letters</i> , 2014 , 3, 6-9	5.9	14
136	Cooperative LBT Design and Effective Capacity Analysis for 5G NR Ultra Dense Networks in Unlicensed Spectrum. <i>IEEE Access</i> , 2019 , 7, 50265-50279	3.5	13
135	Joint Waveform and Discrete Phase Shift Design for RIS-Assisted Integrated Sensing and Communication System under Cramer-Rao Bound Constraint. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 1-1	6.8	13
134	On-Line Fountain Codes With Unequal Error Protection. <i>IEEE Communications Letters</i> , 2017 , 21, 1225-1228	3.8	12
133	Polarization Sensitive Array Based Physical-Layer Security. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 3964-3981	6.8	12
132	Optimal Design of Resource Element Mapping for Sparse Spreading Non-Orthogonal Multiple Access. <i>IEEE Wireless Communications Letters</i> , 2018 , 7, 744-747	5.9	12
131	Performance analysis for uplink massive MIMO systems with a large and random number of UEs. <i>Science China Information Sciences</i> , 2016 , 59, 1-9	3.4	12

130	Robust Coordinated Beamforming for Secure MISO Interference Channels with Bounded Ellipsoidal Uncertainties. <i>IEEE Wireless Communications Letters</i> , 2013 , 2, 407-410	5.9	12
129	Mixed-Timescale Caching and Beamforming in Content Recommendation Aware Fog-RAN: A Latency Perspective. <i>IEEE Transactions on Communications</i> , 2021 , 69, 2427-2440	6.9	12
128	. <i>IEEE Wireless Communications Letters</i> , 2021 , 10, 594-598	5.9	12
127	Performance Analysis and Improvement of Online Fountain Codes. <i>IEEE Transactions on Communications</i> , 2018 , 66, 5916-5926	6.9	12
126	QoE-driven resource allocation for mobile IP services in wireless network. <i>Science China Information Sciences</i> , 2015 , 58, 1-10	3.4	11
125	Finite-Alphabet Signature Design for Grant-Free NOMA: A Quantized Deep Learning Approach. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 10975-10987	6.8	11
124	. <i>IEEE Transactions on Communications</i> , 2021 , 69, 2660-2672	6.9	11
123	Power allocation for OFDM-based cognitive heterogeneous networks. <i>Science China Information Sciences</i> , 2013 , 56, 1-10	3.4	10
122	Analysis of Hybrid ARQ in Ad Hoc Networks with Correlated Interference and Feedback Errors. <i>IEEE Transactions on Wireless Communications</i> , 2013 , 12, 3942-3955	9.6	10
121	HAS QoE prediction based on dynamic video features with data mining in LTE network. <i>Science China Information Sciences</i> , 2017 , 60, 1	3.4	10
120	Energy-Efficient Robust Computation Offloading for Fog-IoT Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 4417-4425	6.8	9
119	Leakage-based distributed minimum-mean-square error beamforming for relay-assisted cloud radio access networks. <i>IET Communications</i> , 2014 , 8, 1883-1891	1.3	9
118	A QoE-based OFDM resource allocation scheme for energy efficiency and quality guarantee in multiuser-multiservice system 2012 ,		9
117	Design of Binary Network Codes for Multiuser Multiway Relay Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2013 , 62, 3786-3799	6.8	9
116	Pilot Decontamination Based on Superimposed Pilots Assisted by Time-Multiplexed Pilots in Massive MIMO Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 405-417	6.8	9
115	Evaluating the Factors Affecting QoE of 360-Degree Videos and Cybersickness Levels Predictions in Virtual Reality. <i>Electronics (Switzerland)</i> , 2020 , 9, 1530	2.6	9
114	V2X-communication assisted interference minimization for automotive radars. <i>China Communications</i> , 2019 , 16, 100-111	3	9
113	Secure Wideband Beamforming Design for Two-Way MIMO Relaying Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2019 , 68, 3472-3486	6.8	9

112	Secrecy-Optimized Resource Allocation for UAV-Assisted Relaying Networks 2018 ,		9
111	Robust Low-Complexity MMSE Precoding Algorithm for Cloud Radio Access Networks. <i>IEEE Communications Letters</i> , 2014 , 18, 773-776	3.8	8
110	Robust Transceiver Design for MIMO-OFDM Systems Based on Cluster Water-Filling. <i>IEEE Communications Letters</i> , 2013 , 17, 1451-1454	3.8	8
109	Probabilistic-constrained robust secure transmission for energy harvesting over MISO channels. <i>Science China Information Sciences</i> , 2018 , 61, 1	3.4	8
108	Design and Analysis of Online Fountain Codes for Intermediate Performance. <i>IEEE Transactions on Communications</i> , 2020 , 68, 5313-5325	6.9	7
107	Cooperative beamforming design for physical-layer security of multi-hop MIMO communications. <i>Science China Information Sciences</i> , 2016 , 59, 1	3.4	7
106	Secrecy energy efficiency performance in communication networks with mobile sinks. <i>Physical Communication</i> , 2019 , 32, 41-49	2.2	7
105	Symbol Error Rate of Space - Time Network Coding in Nakagami-m Fading. <i>IEEE Transactions on Vehicular Technology</i> , 2013 , 62, 2644-2655	6.8	7
104	System-level performance evaluation of ultra-dense networks for 5G 2015 ,		7
103	QoE-aware resource allocation for mixed traffics in heterogeneous networks based on Kuhn-Munkres algorithm 2016 ,		7
102	Adaptive Mode Switching for Cognitive Wireless Powered Communication Systems. <i>IEEE Wireless Communications Letters</i> , 2017 , 6, 386-389	5.9	6
101	Interference Characterization and Power Optimization for Automotive Radar With Directional Antenna. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 3703-3716	6.8	6
100	Analysis of irregular repetition spatially-coupled slotted ALOHA. <i>Science China Information Sciences</i> , 2019 , 62, 1	3.4	6
99	Low Complexity Polar Decoder for 5G Embb Control Channel. <i>IEEE Access</i> , 2019 , 7, 50710-50717	3.5	6
98	Performance of Superposition Coding for Downlink Coordinated Two-Point System. <i>IEEE Transactions on Vehicular Technology</i> , 2013 , 62, 4057-4064	6.8	6
97	Performance Analysis of the Coexistence of 5G NR-Uncensored and Wi-Fi with Mode Selection 2020 ,		6
96	Positioning with Dual Reconfigurable Intelligent Surfaces in Millimeter-Wave MIMO Systems 2020 ,		6
95	QoE Evaluation Methods for 360-Degree VR Video Transmission. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2020 , 14, 78-88	7.5	6

94	Proactive Dynamic Channel Selection Based on Multi-Armed Bandit Learning for 5G NR-U. <i>IEEE Access</i> , 2020 , 8, 196363-196374	3.5	6
93	Enhanced frameless slotted ALOHA protocol with Markov chains analysis. <i>Science China Information Sciences</i> , 2018 , 61, 1	3.4	5
92	An extended packetization-aware mapping algorithm for scalable video coding in finite-length fountain codes. <i>Science China Information Sciences</i> , 2013 , 56, 1-10	3.4	5
91	A Matrix-Field Weighted Mean-Square-Error Model for MIMO Transceiver Design. <i>IEEE Communications Letters</i> , 2013 , 17, 1652-1655	3.8	5
90	Robust transceiver design for AF MIMO relay systems with column correlations 2011 ,		5
89	Measuring quality of experience for 360-degree videos in virtual reality. <i>Science China Information Sciences</i> , 2020 , 63, 1	3.4	5
88	Cooperative jamming for physical layer security in hybrid satellite terrestrial relay networks. <i>China Communications</i> , 2019 , 16, 154-164	3	5
87	Reliable Broadcast Based on Online Fountain Codes. <i>IEEE Communications Letters</i> , 2021 , 25, 369-373	3.8	5
86	Joint Bandwidth and Transmission Opportunity Allocation for the Coexistence between NR-U and WiFi Systems in the Unlicensed Band. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 1-1	6.8	5
85	A QoE-based cell range expansion scheme in heterogeneous cellular networks. <i>Science China Information Sciences</i> , 2015 , 58, 1-11	3.4	4
84	A Hybrid EF/DF Protocol With Rateless Coded Network Code for Two-Way Relay Channels. <i>IEEE Transactions on Communications</i> , 2016 , 64, 3133-3147	6.9	4
83	Transceiver designs with matrix-version water-filling architecture under mixed power constraints. <i>Science China Information Sciences</i> , 2016 , 59, 1	3.4	4
82	Robust capacity maximization transceiver design for MIMO OFDM systems. <i>Science China Information Sciences</i> , 2016 , 59, 1	3.4	4
81	Transmission Capacity of Clustered Ad Hoc Networks With Virtual Antenna Array. <i>IEEE Transactions on Vehicular Technology</i> , 2016 , 65, 6926-6939	6.8	4
80	Joint resource allocation for learning-based cognitive radio networks with MIMO-OFDM relay-aided transmissions 2013 ,		4
79	Matrix-field water-filling architecture for MIMO transceiver designs with mixed power constraints 2015 ,		4
78	Beamforming design for multi-pair two-way AF MIMO relaying networks using quadratic programming 2011 ,		4
77	On the Performance of Joint Relay Selection and Beamforming with Limited Feedback for AF Cooperative Networks 2011 ,		4

76	A novel algorithm for removing cycles in quasi-cyclic LDPC codes 2009 ,		4
75	A scheme of multi-user reusing one slot on enhancing capacity of GSM/EDGE networks 2008 ,		4
74	Precoder design in downlink CoMP-JT MIMO network via WMMSE and asynchronous ADMM. <i>Science China Information Sciences</i> , 2018 , 61, 1	3.4	4
73	Distributed Decoding for Coded Slotted ALOHA. <i>IEEE Communications Letters</i> , 2017 , 21, 1715-1718	3.8	3
72	. <i>IEEE Transactions on Multimedia</i> , 2019 , 21, 3194-3204	6.6	3
71	Balancing QoE and fairness of heterogeneous traffics based on Equivalent Rate Scaling. <i>China Communications</i> , 2015 , 12, 136-144	3	3
70	Nested Construction of Polar Codes for Blind Detection. <i>IEEE Wireless Communications Letters</i> , 2020 , 9, 711-715	5.9	3
69	Optimal File Dissemination and Beamforming for Cache-Enabled C-RANs. <i>IEEE Access</i> , 2018 , 6, 6390-6399	3.5	3
68	Improved Luby transform codes in low overhead regions for binary erasure channels. <i>Transactions on Emerging Telecommunications Technologies</i> , 2016 , 27, 84-91	1.9	3
67	Distributed User-Centric Clustering and Base Station Mode Choose in Ultra Dense Networks 2019 ,		3
66	Ergodic secrecy rate of two-user MISO interference channels with statistical CSI. <i>Science China Information Sciences</i> , 2014 , 57, 1-14	3.4	3
65	Performance analysis for range expansion in heterogeneous networks. <i>Science China Information Sciences</i> , 2014 , 57, 1-10	3.4	3
64	Group-DCI based scheduling scheme for ultra-reliable and low latency communications 2017 ,		3
63	A robust and distributed design for coordinated downlink beamforming for secure MISO interference channels. <i>Transactions on Emerging Telecommunications Technologies</i> , 2014 , 25, n/a-n/a	1.9	3
62	Performance Analysis for Heterogeneous Cellular Systems with Range Expansion 2013 ,		3
61	Secrecy beamforming design for large millimeter-wave two-way relaying networks 2016 ,		3
60	Facial Expression Recognition of Nonlinear Facial Variations Using Deep Locality De-Expression Residue Learning in the Wild. <i>Electronics (Switzerland)</i> , 2019 , 8, 1487	2.6	3
59	Fusion of Machine Learning and Privacy Preserving for Secure Facial Expression Recognition. <i>Security and Communication Networks</i> , 2021 , 2021, 1-12	1.9	3

58	Short-time Modulation Classification of Complex Wireless Communication Signal Based on Deep Neural Network 2018 ,		3
57	Secure transmission scheme for parallel relay channels based on polar coding. <i>Tsinghua Science and Technology</i> , 2018 , 23, 357-365	3-4	3
56	Pilot Design and Optimization for OTFS Modulation. <i>IEEE Wireless Communications Letters</i> , 2021 , 10, 1742-1746	5-9	3
55	Spatial Reuse Based Efficient Coexistence for Cellular and WiFi Systems in the Unlicensed Band. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10-7	3
54	Distributed optimization for downlink broadband small cell networks 2015 ,		2
53	Robust beamforming and cooperative jamming for secure transmission in DF relay systems. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2016 , 2016,	3-2	2
52	A Novel Design of Downlink Control Information Encoding and Decoding Based on Polar Codes. <i>Wireless Communications and Mobile Computing</i> , 2018 , 2018, 1-7	1-9	2
51	Tensor-based blind signal recovery for multi-carrier amplify-and-forward relay networks. <i>Science China Information Sciences</i> , 2014 , 57, 1-11	3-4	2
50	Statistically robust resource allocation for distributed multi-carrier cooperative networks. <i>Science China Information Sciences</i> , 2013 , 56, 1-13	3-4	2
49	Performance analysis of incremental redundancy hybrid ARQ in mobile ad hoc networks 2014 ,		2
48	Secrecy Balancing over Two-User MISO Interference Channels with Rician Fading. <i>International Journal of Antennas and Propagation</i> , 2013 , 2013, 1-7	1-2	2
47	Design and Analysis of Data-Aided Coarse Carrier Frequency Recovery in DVB-S2 2010 ,		2
46	Robust linear transceiver design for multi-hop non-regenerative MIMO relaying systems 2011 ,		2
45	A decode-and-forward relaying scheme based on orthogonal superposition modulation 2008 ,		2
44	AI-enhanced constellation design for NOMA system: A model driven method. <i>China Communications</i> , 2020 , 17, 100-110	3	2
43	Joint resource allocation and power control for radar interference mitigation in multi-UAV networks. <i>Science China Information Sciences</i> , 2021 , 64, 1	3-4	2
42	A QoE-based jointly subcarrier and power allocation for multiuser multiservice networks. <i>Science China Information Sciences</i> , 2016 , 59, 1	3-4	2
41	Video representation by dense trajectories motion map applied to human activity recognition. <i>International Journal of Computers and Applications</i> , 2020 , 42, 474-484	0-8	2

40	Belief Propagation based Joint Detection and Decoding for Resistive Random Access Memories. <i>IEEE Transactions on Communications</i> , 2022 , 1-1	6.9	2
39	Distributed deep learning for cooperative computation offloading in low earth orbit satellite networks. <i>China Communications</i> , 2022 , 19, 230-243	3	2
38	Intelligent task offloading and collaborative computation in multi-UAV-enabled mobile edge computing. <i>China Communications</i> , 2022 , 19, 244-256	3	2
37	Toward Optimal Remote Radio Head Activation, User Association, and Power Allocation in C-RANs Using Benders Decomposition and ADMM. <i>IEEE Transactions on Communications</i> , 2019 , 67, 5008-5023	6.9	1
36	Memory based LT code with shifted degree 2017 ,		1
35	Feedback-aided irregular repetition slotted ALOHA (F-IRSA) 2017 ,		1
34	Robust Filter-and-forward Beamforming Design for Two-way Multi-antenna Relaying Networks. <i>Mobile Networks and Applications</i> , 2013 , 18, 467-476	2.9	1
33	A novel transceiver architecture in the two-way relay channel with analog and digital beamforming 2015 ,		1
32	Objective Measurement of Spatial Audio Coding Quality Based on MNL Mapping Model 2015 ,		1
31	A unified linear MSE minimization MIMO beamforming design based on quadratic matrix programming 2012 ,		1
30	Outage probability analysis for superposition coded symmetric relaying. <i>Science China Information Sciences</i> , 2013 , 56, 1-9	3.4	1
29	Outage analysis of opportunistic amplify-and-forward cooperative cellular systems with random relays 2013 ,		1
28	Adaptive Partial Decode-and-Forward Relaying with Quantized Feedback 2011 ,		1
27	Enhanced dynamic spectrum sharing for multi-cell heterogeneous networks 2011 ,		1
26	Semi-dynamic switch on/off algorithm over multi-pico stations in Heterogeneous Network 2012 ,		1
25	Improved 2D Coprime Array Structure with the Difference and Sum Coarray Concept. <i>Electronics (Switzerland)</i> , 2020 , 9, 273	2.6	1
24	. <i>IEEE Communications Letters</i> , 2021 , 1-1	3.8	1
23	Efficient Direct Localization of OFDM Emitters in Multipath Environment With Mobile Receivers. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 1-1	6.8	1

22	Secure transmission in downlink non-orthogonal multiple access based on polar codes. <i>China Communications</i> , 2021 , 18, 221-235	3	1
21	WLAN Fingerprint Localization with Stable Access Point Selection and Deep LSTM 2020 ,		1
20	. <i>IEEE Access</i> , 2020 , 8, 204585-204596	3.5	1
19	Deep Learning-Aided Signal Detection for Two-Stage Index Modulated Universal Filtered Multi-Carrier Systems. <i>IEEE Transactions on Cognitive Communications and Networking</i> , 2021 , 1-1	6.6	1
18	Weighted Online Fountain Codes with Limited Buffer Size and Feedback Transmissions. <i>IEEE Transactions on Communications</i> , 2021 , 1-1	6.9	1
17	QoE-Aware Mobile VR HAS Cache Management With Coding Helper. <i>IEEE Access</i> , 2018 , 6, 44556-44569	3.5	1
16	. <i>IEEE Transactions on Multimedia</i> , 2021 , 1-1	6.6	1
15	Joint User Association and Edge Caching in Multi-Antenna Small-Cell Networks. <i>IEEE Transactions on Communications</i> , 2022 , 1-1	6.9	1
14	A Video Quality Assessment Method for VoIP Applications Based on User Experience. <i>Sensing and Imaging</i> , 2017 , 18, 1	1.4	0
13	Robust Secrecy Energy Efficiency Optimization for Wireless Powered Heterogeneous Networks Using Distributed ADMM Algorithm. <i>IEEE Access</i> , 2019 , 7, 116277-116294	3.5	0
12	2D DOA Estimation Exploiting Vertical Synthetic Planar Arrays. <i>IEEE Access</i> , 2021 , 9, 3497-3507	3.5	0
11	Error Control Codes for Next-Generation Communication Systems: Opportunities and Challenges. <i>Wireless Communications and Mobile Computing</i> , 2018 , 2018, 1-2	1.9	0
10	Coverage Performance of the Terrestrial-UAV HetNet Utilizing Licensed and Unlicensed Spectrum Bands. <i>IEEE Access</i> , 2021 , 9, 124100-124114	3.5	0
9	Secure Online Fountain Codes with Low Complexity. <i>IEEE Communications Letters</i> , 2022 , 1-1	3.8	0
8	Multiple-Block Combined Decoding for Cell Search With Polar Codes. <i>IEEE Access</i> , 2019 , 7, 71770-71779	3.5	
7	A real-time QoE methodology for AMR codec voice in mobile network. <i>Science China Information Sciences</i> , 2014 , 57, 1-13	3.4	
6	Coverage performance of the multilayer UAV-terrestrial HetNet with CoMP transmission scheme. <i>Frontiers of Information Technology and Electronic Engineering</i> , 2022 , 23, 61-72	2.2	
5	Enhancing the Orthogonality of Polyphase Signal With Multi-Pulse Joint Processing. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 9656-9666	6.8	

4	Remote Radio Head Activation and User Association in Dense C-RANs. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 12216-12228	6.8
3	Irregular repetition slotted ALOHA with total transmit power limitation. <i>Science China Information Sciences</i> , 2021 , 64, 1	3-4
2	Achievable Rates of Gaussian Interference Channel with Multi-Layer Rate-Splitting and Successive Simple Decoding. <i>Wireless Communications and Mobile Computing</i> , 2018 , 2018, 1-13	1.9
1	30-GHz Low-Phase-Noise Scalable Multicore Class-F Voltage-Controlled Oscillators Using Coupled-Line-Based Synchronization Topology. <i>IEEE Microwave and Wireless Components Letters</i> , 2022 , 1-4	2.6