

Qinyu Zhang

List of Publications by Year in Descending Order

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

286
papers

1,596
citations

19
h-index

26
g-index

381
ext. papers

2,192
ext. citations

3.7
avg, IF

5.4
L-index

#	Paper	IF	Citations
286	Age-Oriented Transmission Protocol Design in Space-Air-Ground Integrated Networks. <i>IEEE Transactions on Wireless Communications</i> , 2022 , 1-1	9.6	1
285	Age-Driven Spatially-Temporally Correlative Updating in the Satellite-integrated Internet of Things via Markov Decision Process. <i>IEEE Internet of Things Journal</i> , 2022 , 1-1	10.7	1
284	Performance Analysis of the Hybrid Satellite-terrestrial Relay Network with Opportunistic Scheduling Over Generalized Fading Channels. <i>IEEE Transactions on Vehicular Technology</i> , 2022 , 1-1	6.8	3
283	UAV Aided Positioning Systems for Ground Devices: Fundamental Limits and Algorithms. <i>IEEE Internet of Things Journal</i> , 2022 , 1-1	10.7	1
282	UAV-Assisted RF/FSO Relay System for Space-Air-Ground Integrated Network: A Performance Analysis. <i>IEEE Transactions on Wireless Communications</i> , 2022 , 1-1	9.6	6
281	Cutoff Wavenumber Analyses of Metallic Waveguides Filled With Homogeneous Anisotropic Materials Using the MFCM. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2022 , 1-1	4.1	0
280	Network Selection Based on Evolutionary Game and Deep Reinforcement Learning in Space-Air-Ground Integrated Network. <i>IEEE Transactions on Network Science and Engineering</i> , 2022 , 1-1	4.9	0
279	Partial Self-Concatenation Structure and Performance Analysis of Spinal Codes over Rayleigh Fading Channel. <i>IEEE Transactions on Vehicular Technology</i> , 2022 , 1-1	6.8	
278	Efficient Scheduling in Space-Air-Ground Integrated Localization Networks. <i>IEEE Internet of Things Journal</i> , 2022 , 1-1	10.7	1
277	CS-LTP-Spinal: a cross-layer optimized rate-adaptive image transmission system for deep-space exploration. <i>Science China Information Sciences</i> , 2022 , 65, 1	3.4	0
276	Grant Free Age-Optimal Random Access Protocol for Satellite-based Internet of Things. <i>IEEE Transactions on Communications</i> , 2022 , 1-1	6.9	
275	A Weighted Graph-based Handover Strategy for Aeronautical Traffic in LEO SatCom Networks. <i>IEEE Networking Letters</i> , 2022 , 1-1	2.8	0
274	Age-Critical and Secure Blockchain Sharding Scheme for Satellite-based Internet of Things. <i>IEEE Transactions on Wireless Communications</i> , 2022 , 1-1	9.6	
273	Asynchronous Coded Caching Strategy With Nonuniform Demands for IoV Networks 2021 ,		1
272	Adjustable Ordered Statistic Decoder for Short Block Length Code towards URLLC 2021 ,		1
271	Optimal Energy Efficiency for Relay Selection via Power Allocation in L2 Halo-orbital Cislunar Communication Network. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 1-1	6.8	
270	Joint Multi-Branch Weighted Combining and Equalization Detector for Cooperative Communication. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 1-1	9.6	

269	On the Prediction Policy for Timely Status Updates in Space-Air-Ground Integrated Transportation Systems. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 1-11	6.1	1
268	A Trajectory Optimization-Based Intersection Coordination Framework for Cooperative Autonomous Vehicles. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 1-15	6.1	0
267	Global repair bandwidth cost optimization of generalized regenerating codes in clustered distributed storage systems. <i>IET Communications</i> , 2021 , 15, 2469	1.3	
266	Age-Optimal Multi-Slot Pilot Allocation Random Access Protocol for S-IoT 2021 ,		2
265	Age-Optimal NC-HARQ Protocol for Multi-hop Satellite-based Internet of Things 2021 ,		3
264	Low-complexity neuron for fixed-point artificial neural networks with ReLU activation function in energy-constrained wireless applications. <i>IET Communications</i> , 2021 , 15, 917-923	1.3	1
263	A Coded Distributed Computing Framework for Task Offloading from Multi-UAV to Edge Servers 2021 ,		3
262	Fairness-improved and QoS-guaranteed resource allocation for NOMA-based S-IoT network. <i>Science China Information Sciences</i> , 2021 , 64, 1	3-4	0
261	CCOS: A Coded Computation Offloading Strategy for Satellite-Terrestrial Integrated Networks 2021 ,		1
260	Efficient Ordered Statistics Decoder for Ultra-Reliable Low Latency Communications 2021 ,		1
259	Age-optimal Transmission Policy for Intelligent HARQ-CC aided NOMA Systems 2021 ,		1
258	Superimposed Pilot Code-Domain NOMA Scheme for Satellite-Based Internet of Things. <i>IEEE Systems Journal</i> , 2021 , 15, 2732-2743	4-3	5
257	Age-optimal Power Allocation Policies for NOMA and Hybrid NOMA/OMA Systems 2021 ,		1
256	Joint Channel Estimation and Decoding for Polar Coded SCMA System Over Fading Channels. <i>IEEE Transactions on Cognitive Communications and Networking</i> , 2021 , 7, 210-221	6.6	7
255	. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 5699-5708	11.9	3
254	Simulation of Cylindrical Metasurfaces Using GSTC-MFCM. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 69, 263-272	4.9	3
253	. <i>IEEE Vehicular Technology Magazine</i> , 2021 , 16, 66-74	9.9	2
252	Energy Efficient Network Coding HARQ Transmission Scheme for S-IoT. <i>IEEE Transactions on Green Communications and Networking</i> , 2021 , 5, 308-321	4	3

251	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2021 , 1-1	3.7	4
250	Spinal Codes over Fading Channel: Error Probability Analysis and Encoding Structure Improvement. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 1-1	9.6	1
249	Symbol Error Analysis of Amplify-and-Forward Based Multiuser Hybrid Satellite-Terrestrial Relay Network. <i>IEEE Wireless Communications Letters</i> , 2021 , 1-1	5.9	3
248	An Age Optimized Hybrid ARQ Scheme for Polar Codes via Gaussian Approximation. <i>IEEE Wireless Communications Letters</i> , 2021 , 1-1	5.9	3
247	Self-Adaptive Ordered Statistics Decoder for Finite Block Length Raptor Codes towards URLLC. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	1
246	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2021 , 1-1	3.7	
245	Intelligent Hybrid Nonorthogonal Multiple Access Relaying for Vehicular Networks in 6G. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 14773-14786	10.7	1
244	Aol-Inspired Collaborative Information Collection for AUV-Assisted Internet of Underwater Things. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 14559-14571	10.7	27
243	Massive Access in Space-based Internet of Things: Challenges, Opportunities, and Future Directions. <i>IEEE Wireless Communications</i> , 2021 , 1-8	13.4	3
242	MSPA: Multi-Slot Pilot Allocation Random Access Protocol for mMTC-Enabled IoT System. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	0
241	Repair Delay Analysis of Mobile Storage Systems Using Erasure Codes and Relay Cooperation. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 1-1	6.8	1
240	Novel Short-Time Fractional Fourier Transform: Theory, Implementation, and Applications. <i>IEEE Transactions on Signal Processing</i> , 2020 , 68, 3280-3295	4.8	21
239	. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 7691-7699	11.9	10
238	Finite Block-Length Analog Fountain Codes for Ultra-Reliable Low Latency Communications. <i>IEEE Transactions on Communications</i> , 2020 , 68, 1391-1404	6.9	11
237	TCDS: A Time-Relevant Graph Based Topology Control in Triple-Layer Satellite Networks. <i>IEEE Wireless Communications Letters</i> , 2020 , 9, 424-428	5.9	4
236	Three-Dimensional Scattering From Uniaxial Objects With a Smooth Boundary Using a Multiple Infinitesimal Dipole Method. <i>IEEE Access</i> , 2020 , 8, 80842-80854	3.5	3
235	Novel Fractional Wavelet Packet Transform: Theory, Implementation, and Applications. <i>IEEE Transactions on Signal Processing</i> , 2020 , 68, 4041-4054	4.8	9
234	Network Utility Maximization Resource Allocation for NOMA in Satellite-Based Internet of Things. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 3230-3242	10.7	39

233	TCSC: A Novel File Distribution Strategy in Integrated LEO Satellite-Terrestrial Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 5426-5441	6.8	12
232	HARQ Based Joint Uplink-Downlink Optimal Scheduling Strategy for Single-Loop WNCS 2020 ,		1
231	A Link-Estimation Based Multi-CDSs Scheduling Mechanism for FANET Topology Maintenance. <i>Communications in Computer and Information Science</i> , 2020 , 66-86	0.3	
230	. <i>Intelligent and Converged Networks</i> , 2020 , 1, 142-169	4	26
229	FFnet: Residual Block-Based Convolutional Neural Network for Crowd Counting. <i>Lecture Notes in Electrical Engineering</i> , 2020 , 175-183	0.2	0
228	Systematic Raptor Codes with UEP Property for Image Media Transmission. <i>Lecture Notes in Electrical Engineering</i> , 2020 , 402-410	0.2	
227	A Low-Complexity Shorten Regenerating Code with Optimal Repair Bandwidth. <i>Lecture Notes in Electrical Engineering</i> , 2020 , 361-369	0.2	
226	Improved Distributed Compressive Sensing Basing on HEVC ME and BM3D-AMP Algorithm. <i>Lecture Notes in Electrical Engineering</i> , 2020 , 475-482	0.2	
225	Feature-Aware Adaptive Denoiser-Selection for Compressed Image Reconstruction. <i>Lecture Notes in Electrical Engineering</i> , 2020 , 537-545	0.2	
224	Coded Storage-and-Computation: A New Paradigm to Enhancing Intelligent Services in Space-Air-Ground Integrated Networks. <i>IEEE Wireless Communications</i> , 2020 , 27, 44-51	13.4	10
223	Age-Optimal Transmission Policy with HARQ for Freshness-Critical Vehicular Status Updates in Space-Air-Ground Integrated Networks. <i>IEEE Internet of Things Journal</i> , 2020 , 1-1	10.7	2
222	Grouping-Based Consistency Protocol Design for End-Edge-Cloud Hierarchical Storage System. <i>IEEE Access</i> , 2020 , 8, 8959-8973	3.5	1
221	Age-Optimal HARQ Design for Freshness-Critical Satellite-IoT Systems. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 2066-2076	10.7	17
220	Energy Efficient Bidirectional Relaying Network Coded HARQ Transmission Scheme for S-IoT 2020 ,		2
219	How to apply polar codes in high throughput space communications. <i>Science China Technological Sciences</i> , 2020 , 63, 1371-1382	3.5	1
218	A Machine Learning Based Multi-flips Successive Cancellation Decoding Scheme of Polar Codes 2020 ,		5
217	Index Modulated Polar Codes 2020 ,		1
216	. <i>IEEE Transactions on Wireless Communications</i> , 2020 , 19, 5924-5937	9.6	7

215	Spinal Codes over BSC: Error Probability Analysis and the Puncturing Design 2020 ,		1
214	High Throughput Vehicle Coordination Strategies at Road Intersections. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 14341-14354	6.8	5
213	Iterative and Adjustable Soft List Decoding for Polar Codes. <i>IEEE Transactions on Signal Processing</i> , 2020 , 68, 5559-5572	4.8	2
212	Electromagnetic Simulation of 2.5-Dimensional Cylindrical Metasurfaces With Arbitrary Shapes Using GSTC-MFCM. <i>IEEE Access</i> , 2020 , 8, 142101-142110	3.5	1
211	CDS-Based Topology Control in FANETs via Power and Position Optimization. <i>IEEE Wireless Communications Letters</i> , 2020 , 9, 2015-2019	5.9	7
210	Exploiting Error-Correction-CRC for Polar SCL Decoding: A Deep Learning-Based Approach. <i>IEEE Transactions on Cognitive Communications and Networking</i> , 2020 , 6, 817-828	6.6	6
209	. <i>IEEE Transactions on Network Science and Engineering</i> , 2020 , 7, 2310-2322	4.9	8
208	Compressed Image Sensing by Jointly Leveraging Multi-Scale Heterogeneous Priors for the Internet of Multimedia Things. <i>IEEE Access</i> , 2019 , 7, 18915-18925	3.5	3
207	ARM: Adaptive Random-Selected Multi-Beamforming Estimation Scheme for Satellite-Based Internet of Things. <i>IEEE Access</i> , 2019 , 7, 63264-63276	3.5	8
206	A Task-Driven Updated Discrete Graph Assisted Minimum Delivery Delay Routing for Remote Sensing Disruption-Tolerant Networks. <i>IEEE Access</i> , 2019 , 7, 69351-69362	3.5	2
205	A Cross-Layer Image Transmission Method for Deep-Space Exploration. <i>Lecture Notes in Electrical Engineering</i> , 2019 , 257-264	0.2	
204	Cross-Entropy Method for Content Placement and User Association in Cache-Enabled Coordinated Ultra-Dense Networks. <i>Entropy</i> , 2019 , 21,	2.8	4
203	Energy efficient network localisation using hybrid TOA/AOA measurements. <i>IET Communications</i> , 2019 , 13, 963-971	1.3	4
202	Improved Polar SCL Decoding by Exploiting the Error Correction Capability of CRC. <i>IEEE Access</i> , 2019 , 7, 7032-7040	3.5	14
201	DR-MDS: An Energy-Efficient Coding Scheme in D2D Distributed Storage Network for the Internet of Things. <i>IEEE Access</i> , 2019 , 7, 24179-24191	3.5	12
200	Caching resource management of mobile edge network based on Stackelberg game. <i>Digital Communications and Networks</i> , 2019 , 5, 18-23	5.9	8
199	A Two-Handed Gesture Recognition Technique on Mobile Devices Based on Improved DTW Algorithm. <i>Lecture Notes in Electrical Engineering</i> , 2019 , 1429-1436	0.2	1
198	Long-Term Target Tracking for UAV Based on Correlation Filter. <i>Lecture Notes in Electrical Engineering</i> , 2019 , 2678-2685	0.2	

197	Location Privacy Protection: A Power Allocation Approach. <i>IEEE Transactions on Communications</i> , 2019 , 67, 748-761	6.9	8
196	Joint Power Allocation and Rate Control for NOMA-Based Space Information Networks 2019 ,		5
195	Deep Learning-Based Long-Term Power Allocation Scheme for NOMA Downlink System in S-IoT. <i>IEEE Access</i> , 2019 , 7, 86288-86296	3.5	25
194	A Link-Prediction Based Multi-CDSs Scheduling Mechanism for FANET Topology Maintenance. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2019 , 587-601	0.2	
193	Outage Performance of Millimeter-Wave Band NOMA Downlink System in Satellite-based IoT 2019 ,		4
192	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2019 , 55, 2592-2603	3.7	10
191	Object Detection of Optical Remote Sensing Image Based on Improved Faster RCNN 2019 ,		5
190	Outage Performance of Cooperative Deep-Space Downlink with Backbone Relaying in SBINs. <i>Lecture Notes in Electrical Engineering</i> , 2019 , 872-879	0.2	
189	An Updating Discrete Graph-Based Capacity Analytical Framework for Satellite Disruption-Tolerant Networks. <i>Lecture Notes in Electrical Engineering</i> , 2019 , 157-164	0.2	
188	Rateless Coding Scheme Based on Autoregressive-Moving-Average Model over Ka-Band Links. <i>Lecture Notes in Electrical Engineering</i> , 2019 , 1191-1198	0.2	
187	Design of Rateless Transmission Scheme Based on Punctured Polar Codes. <i>Lecture Notes in Electrical Engineering</i> , 2019 , 815-822	0.2	
186	Performance Analysis of MIMO-HARQ Schemes in LTP for Space Information Networks. <i>Lecture Notes in Electrical Engineering</i> , 2019 , 101-108	0.2	
185	Efficient Design of Polar Coded STTD Systems over Rician MIMO Channels. <i>Lecture Notes in Electrical Engineering</i> , 2019 , 53-60	0.2	
184	Bounds on the Finite-Length RaptorQ Codes Under Maximum Likelihood Decoding. <i>Lecture Notes in Electrical Engineering</i> , 2019 , 831-838	0.2	
183	Optimal Transmission Policy Based on POMDP over Ka-Band Channels in SINs. <i>Lecture Notes in Electrical Engineering</i> , 2019 , 1133-1140	0.2	
182	Intermediate Performance of Rateless Codes over Dying Erasure Channel. <i>Lecture Notes in Electrical Engineering</i> , 2019 , 45-52	0.2	
181	Repairable Fountain Codes with Unequal Repairing Locality in D2D Storage System. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2019 , 272-281	0.2	
180	Multiparameter Analysis for Distributed Storage Schemes in Wireless D2D Networks. <i>Lecture Notes in Electrical Engineering</i> , 2019 , 376-384	0.2	

179	A Spectrum Sensing and Congestion Control Strategy for Distributed Cognitive Radio System. <i>Lecture Notes in Electrical Engineering, 2019, 1105-1112</i>	0.2	
178	Repairable Fountain Codes with Unequal Locality for Heterogeneous D2D Data Storage Networks. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, 514-528</i>	0.2	
177	High Resolution Range Profile Analysis in an OFDM Integrated Radar-Communication System. <i>Lecture Notes in Electrical Engineering, 2019, 1149-1157</i>	0.2	1
176	Fast estimation of high-order motion parameters for real-time ISAR imaging. <i>IET Radar, Sonar and Navigation, 2019, 13, 2244-2254</i>	1.4	3
175	Cooperative jamming-based physical-layer security of cooperative cognitive radio networks: system model and enabling techniques. <i>IET Communications, 2019, 13, 539-544</i>	1.3	5
174	Weight-Adaptive Analog Fountain Codes toward Massive Machine Type Communications 2019,		1
173	Repair Bandwidth Cost of Generalized Regenerating Codes for Clustered Distributed Storage 2019,		1
172	Joint Resource Allocation in NOMA Systems with Imperfect SIC 2019,		1
171	Popularity-aware back-tracing partition cooperative cache distribution for space-terrestrial integrated networks. <i>IET Communications, 2019, 13, 2786-2796</i>	1.3	4
170	Multi-UAV Automatic Dynamic Obstacle Avoidance with Experience-shared A2C 2019,		1
169	Markov decision process-based routing algorithm in hybrid Satellites/UAVs disruption-tolerant sensing networks. <i>IET Communications, 2019, 13, 1415-1424</i>	1.3	4
168	Adaptive Data Storage System for Mobile Satellite-Terrestrial IoT 2019,		1
167	Adjustable Soft List Decoding for Polar Codes 2019,		2
166	Intelligent Offloading Strategies For High Throughput Traffic Intersection Coordination 2019,		2
165	An Efficient Millimeter-Wave MIMO Channel Estimation Scheme for Space Information Networks 2019,		1
164	Design and Analysis of Bidirectional Relaying NCed-HARQ Transmission Scheme for S-IoT 2019,		1
163	APRNET: Achieving Privacy-Preserving Real-Name Authentication over Blockchain for Online Services 2019,		1
162	2019,		3

161	Intelligent Decision-Making for 3-Dimensional Dynamic Obstacle Avoidance of UAV Based on Deep Reinforcement Learning 2019 ,		9
160	Age-optimal IR-HARQ Design in the Presence of Non-trivial Propagation Delay 2019 ,		3
159	A Novel Weight Coefficient PEG Algorithm for Ultra-Reliable Short Length Analog Fountain Codes. <i>IEEE Wireless Communications Letters</i> , 2019 , 8, 125-128	5.9	6
158	Performance Modeling of LTP-HARQ Schemes Over OSTBC-MIMO Channels for Hybrid Satellite Terrestrial Networks. <i>IEEE Access</i> , 2018 , 6, 5256-5268	3.5	18
157	Green-oriented user-satisfaction aware WiFi offloading in HetNets. <i>IET Communications</i> , 2018 , 12, 501-508,		6
156	ARMA-Based Adaptive Coding Transmission Over Millimeter-Wave Channel for Integrated Satellite-Terrestrial Networks. <i>IEEE Access</i> , 2018 , 6, 21635-21645	3.5	15
155	Network protocol architectures for future deep-space internetworking. <i>Science China Information Sciences</i> , 2018 , 61, 1	3.4	6
154	Novel polar-coded space-time transmit diversity scheme over Rician fading MIMO channels. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2018 , 2018,	3.2	2
153	Outage Analysis of Multirelay Multiuser Hybrid Satellite-Terrestrial Millimeter-Wave Networks. <i>IEEE Wireless Communications Letters</i> , 2018 , 7, 1046-1049	5.9	34
152	. <i>IEEE Access</i> , 2018 , 6, 25836-25848	3.5	11
151	Time-Weighting Symmetric Accumulated Cross-Correlation Method of Parameter Estimation. <i>Journal of Communications and Information Networks</i> , 2018 , 3, 53-60		0
150	Pulse Compression Analysis for OFDM-Based Radar-Radio Systems. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2018 , 381-390	0.2	
149	Analysis of Crowdsourcing Based Multiple Cellular Network: A Game Theory Approach. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2018 , 341-353	0.2	
148	A Joint Source-Channel Error Protection Transmission Scheme Based on Compressed Sensing for Space Image Transmission. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2018 , 455-462	0.2	
147	Improved Distributed Compressive Video Sensing Based on HEVC Motion Estimation 2018 ,		3
146	Performance Analysis of Millimeter-Wave Hybrid Satellite-Terrestrial Relay Networks Over Rain Fading Channel 2018 ,		6
145	Autonomous Cooperative Vehicle Coordination at Road Intersections 2018 ,		4
144	3D Gesture Recognition Based on Handheld Smart Terminals. <i>International Journal of Ambient Computing and Intelligence</i> , 2018 , 9, 96-111	2.7	2

143	Analysis and Design of Ultra-Reliable Short Blocklength Analog Fountain Codes 2018 ,		2
142	Design and Analysis of NCed-HARQ Transmission Scheme for Space Information Networks 2018 ,		4
141	High Performance Short Polar Codes: A Concatenation Scheme Using Spinal Codes as the Outer Code. <i>IEEE Access</i> , 2018 , 6, 70644-70654	3.5	8
140	Improved quantisation mechanisms in impulse radio ultra wideband systems based on compressed sensing. <i>International Journal of Grid and Utility Computing</i> , 2018 , 9, 278	1.1	
139	A Back-tracing Partition based On-path Caching Distribution Strategy over integrated LEO Satellite and Terrestrial networks 2018 ,		4
138	Joint Random Pilot and Multi-Slot Access in Massive MIMO for Space Information Networks 2018 ,		1
137	A Minimum Task-Based End-to-end Delivery Delay Routing Strategy With Updated Discrete Graph for Satellite Disruption-Tolerant Networks 2018 ,		2
136	An Autonomous Overtaking Maneuver Based on Relative Position Information 2018 ,		3
135	Double Replication MDS Codes for Wireless D2D Distributed Storage Networks 2018 ,		2
134	PWFT-RD: A High-Quality and Low-Complexity ISAR Imaging Approach for Maneuvering Target. <i>IEEE Access</i> , 2018 , 6, 71168-71180	3.5	1
133	A Novel High-Rate Polar-Staircase Coding Scheme 2018 ,		6
132	High Throughput Dynamic Vehicle Coordination for Intersection Ground Traffic 2018 ,		10
131	UMBRELLA: user demand privacy preserving framework based on association rules and differential privacy in social networks. <i>Science China Information Sciences</i> , 2018 , 62, 1	3.4	1
130	Performance Analysis of Soft Decoding Algorithms for Polar-Staircase Coding Scheme 2018 ,		4
129	Performance Analysis of Uplink Uncoordinated Code-Domain NOMA for SINs 2018 ,		6
128	. <i>IEEE Transactions on Signal Processing</i> , 2018 , 66, 6404-6417	4.8	14
127	Filter Design for Constrained Signal Reconstruction in Linear Canonical Transform Domain. <i>IEEE Transactions on Signal Processing</i> , 2018 , 66, 6534-6548	4.8	21
126	. <i>IEEE Transactions on Signal Processing</i> , 2017 , 65, 4797-4811	4.8	25

125	High Accuracy Doppler Processing With Low Complexity in OFDM-Based RadCom Systems. <i>IEEE Communications Letters</i> , 2017 , 21, 2618-2621	3.8	9
124	Joint source-channel rate allocation with unequal error protection for space image transmission. <i>International Journal of Distributed Sensor Networks</i> , 2017 , 13, 155014771772114	1.7	2
123	HRR Profiling on Integrated Radar-Communication Systems Using OFDM-PCSF Signals. <i>Mathematical Problems in Engineering</i> , 2017 , 2017, 1-9	1.1	
122	Performance Analysis of Space Information Networks with Backbone Satellite Relaying for Vehicular Networks. <i>Wireless Communications and Mobile Computing</i> , 2017 , 2017, 1-13	1.9	3
121	Rateless coding transmission over multi-state fading erasure channel for SATCOM. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2017 , 2017,	3.2	4
120	Waveform design and processing in OFDM based radar-communication integrated systems 2017 ,		2
119	Range and velocity estimation for OFDM-based radar-radio systems 2017 ,		2
118	Design of Rate-Compatible Parallel Concatenated Punctured Polar Codes for IR-HARQ Transmission Schemes. <i>Entropy</i> , 2017 , 19, 628	2.8	
117	. <i>IEEE Transactions on Signal Processing</i> , 2017 , 65, 5347-5356	4.8	58
116	A Cross-Layer Image Transmission Scheme for Deep Space Exploration 2017 ,		3
115	Bounds on the Reliability of RaptorQ Codes in the Finite-Length Regime. <i>IEEE Access</i> , 2017 , 5, 24766-24774	3.4	9
114	An Efficient Rateless Scheme Based on the Extendibility of Systematic Polar Codes. <i>IEEE Access</i> , 2017 , 5, 23223-23232	3.5	8
113	Fairness-Aware Interference Coordination by Combined SFR and CoMP for Heterogeneous Networks 2017 ,		1
112	Low Complexity Decoding for Spinal Codes: Sliding Feedback Decoding 2017 ,		5
111	Towards high performance short polar codes: Concatenated with the spinal codes 2017 ,		2
110	Image Compressed Sensing Reconstruction by Collaborative Use of Statistical and Structural Priors 2017 ,		2
109	Performance analysis of cooperative relaying communications for space information networks 2017 ,		1
108	An interest-driven routing algorithm in disruption-tolerant networking based social networks 2017 ,		1

107	Distributed Rateless Codes with Unequal Error Protection Property for Space Information Networks. <i>Entropy</i> , 2017 , 19, 38	2.8	13
106	Partially Observable Markov Decision Process-Based Transmission Policy over Ka-Band Channels for Space Information Networks. <i>Entropy</i> , 2017 , 19, 510	2.8	3
105	Statistical Prior Aided Separate Compressed Image Sensing for Green Internet of Multimedia Things. <i>Mobile Information Systems</i> , 2017 , 2017, 1-12	1.4	1
104	Rateless coding scheme for time-varying fading channels 2016 ,		2
103	Scheduling in Cooperative UWB Localization Networks Using Round Trip Measurements. <i>IEEE Communications Letters</i> , 2016 , 1-1	3.8	7
102	Joint Power and Bandwidth Allocation in Wireless Cooperative Localization Networks. <i>IEEE Transactions on Wireless Communications</i> , 2016 , 15, 6527-6540	9.6	34
101	Double retransmission deferred negative acknowledgement in Consultative Committee for Space Data Systems File Delivery Protocol for space communications. <i>IET Communications</i> , 2016 , 10, 245-252	1.3	3
100	Optimal Communication Strategies in Cooperative Cognitive Radio Networking. <i>Springer Briefs in Electrical and Computer Engineering</i> , 2016 , 73-93	0.4	2
99	Orthogonally Dually-Polarized Antenna Based Cooperative Cognitive Radio Networking. <i>Springer Briefs in Electrical and Computer Engineering</i> , 2016 , 41-72	0.4	
98	Cross-Entropy-Based Energy-Efficient Radio Resource Management in HetNets with Coordinated Multiple Points. <i>Information (Switzerland)</i> , 2016 , 7, 3	2.6	3
97	An analysis in metal barcode label design for reference. <i>Frontiers of Information Technology and Electronic Engineering</i> , 2016 , 17, 173-184	2.2	3
96	Joint Allocation of Spectral and Power Resources for Non-Cooperative Wireless Localization Networks. <i>IEEE Transactions on Communications</i> , 2016 , 64, 3733-3745	6.9	17
95	2016 ,		4
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