

Dapeng Wu

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/8021307/dapeng-wu-publications-by-year.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

249
papers

6,273
citations

41
h-index

71
g-index

296
ext. papers

7,896
ext. citations

5.9
avg, IF

6.59
L-index

#	Paper	IF	Citations
249	QoS Guaranteed Network Slicing Orchestration for Internet of Vehicles. <i>IEEE Internet of Things Journal</i> , 2022 , 1-1	10.7	1
248	Fairness-aware Federated Learning with Unreliable Links in Resource-constrained Internet of Things. <i>IEEE Internet of Things Journal</i> , 2022 , 1-1	10.7	0
247	Diversified Demands Integration-Based Proactive Caching Strategy towards Edge Networks. <i>Wireless Communications and Mobile Computing</i> , 2022 , 2022, 1-14	1.9	
246	Adaptive Bandwidth Prediction and Smoothing Glitches in Low-Latency Live Streaming. <i>Security and Communication Networks</i> , 2022 , 2022, 1-13	1.9	
245	Online Binary Models are Promising for Distinguishing Temporally Consistent Computer Usage Profiles. <i>IEEE Transactions on Biometrics, Behavior, and Identity Science</i> , 2022 , 1-1	4.3	
244	Energy-Efficient Mobile Edge Computing under Delay Constraints. <i>IEEE Transactions on Green Communications and Networking</i> , 2021 , 1-1	4	2
243	Efficient and Privacy-Preserving Search over Edge-Cloud Collaborative Entity in IoT. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	3
242	. <i>IEEE Transactions on Artificial Intelligence</i> , 2021 , 1-1	4.7	0
241	Blockchain-enabled Trust Management Model for the Internet of Vehicles. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	5
240	Two-Layer Stackelberg Game-Based Offloading Strategy for Mobile Edge Computing Enhanced FiWi Access Networks. <i>IEEE Transactions on Green Communications and Networking</i> , 2021 , 5, 457-470	4	7
239	Network Resource Allocation for eMBB Payload and URLLC Control Information Communication Multiplexing in a Multi-UAV Relay Network. <i>IEEE Transactions on Communications</i> , 2021 , 69, 1802-1817	6.9	9
238	A Two-Timescale Resource Allocation Scheme in Vehicular Network Slicing 2021 ,		3
237	An Adaptive-Location-Based Routing Protocol for 3-D Underwater Acoustic Sensor Networks. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 6853-6864	10.7	3
236	Video placement and delivery in edge caching networks: Analytical model and optimization scheme. <i>Peer-to-Peer Networking and Applications</i> , 2021 , 14, 3998	3.1	1
235	Robust Networking: Dynamic Topology Evolution Learning for Internet of Things. <i>ACM Transactions on Sensor Networks</i> , 2021 , 17, 1-23	2.9	1
234	Cooperative Caching Strategy With Content Request Prediction in Internet of Vehicles. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 8964-8975	10.7	12
233	Global and Local Knowledge-Aware Attention Network for Action Recognition. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , 32, 334-347	10.3	13

232	BC-Mobile Device Cloud: A Blockchain-Based Decentralized Truthful Framework for Mobile Device Cloud. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 1208-1219	11.9	10
231	Dynamically Transient Social Community Detection for Mobile Social Networks. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 1282-1293	10.7	4
230	Decentralized Online Learning Methods Based on Weight-Balancing Over Time-Varying Digraphs. <i>IEEE Transactions on Emerging Topics in Computational Intelligence</i> , 2021 , 5, 394-406	4.1	5
229	From Centralized Management to Edge Collaboration: A Privacy-Preserving Task Assignment Framework for Mobile Crowdsensing. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 4579-4589	10.7	11
228	Exploiting Transfer Learning for Emotion Recognition Under Cloud-Edge-Client Collaborations. <i>IEEE Journal on Selected Areas in Communications</i> , 2021 , 39, 479-490	14.2	26
227	Distributed and Energy-Efficient Mobile Crowdsensing with Charging Stations by Deep Reinforcement Learning. <i>IEEE Transactions on Mobile Computing</i> , 2021 , 20, 130-146	4.6	34
226	Freshness-Aware Age Optimization for Multipath TCP Over Software Defined Networks. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 1-1	4.9	1
225	. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	2
224	Multi-Crop Convolutional Neural Networks for Fast Lung Nodule Segmentation. <i>IEEE Transactions on Emerging Topics in Computational Intelligence</i> , 2021 , 1-11	4.1	1
223	. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2021 , 1-1	6.4	2
222	Lightweight Secure Localization Approach in Wireless Sensor Networks. <i>IEEE Transactions on Communications</i> , 2021 , 1-1	6.9	1
221	Attend to Where and When: Cascaded Attention Network for Facial Expression Recognition. <i>IEEE Transactions on Emerging Topics in Computational Intelligence</i> , 2021 , 1-13	4.1	0
220	Beyond Class-Level Privacy Leakage: Breaking Record-Level Privacy in Federated Learning. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	2
219	How Should I Orchestrate Resources of My Slices for Bursty URLLC Service Provision?. <i>IEEE Transactions on Communications</i> , 2021 , 69, 1134-1146	6.9	6
218	Region-Wide Comprehensive Implementation of Roguing Infected Trees, Tree Replacement, and Insecticide Applications Successfully Controls Citrus Huanglongbing. <i>Phytopathology</i> , 2021 , 111, 1361-1368	3.8	9
217	Social-Aware Caching Strategy Based on Joint Action Deep Reinforcement Learning. <i>Wireless Communications and Mobile Computing</i> , 2021 , 2021, 1-15	1.9	
216	Statistical Properties and Airspace Capacity for Unmanned Aerial Vehicle Networks Subject to Sense-and-Avoid Safety Protocols. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 22, 5890-5903	6.1	1
215	RAN Slicing for Massive IoT and Bursty URLLC Service Multiplexing: Analysis and Optimization. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 14258-14275	10.7	4

214	Private Data Aggregation Based on Fog-Assisted Authentication for Mobile Crowd Sensing. <i>Security and Communication Networks</i> , 2021 , 2021, 1-12	1.9	
213	ATPGNN: Reconstruction of Neighborhood in Graph Neural Networks With Attention-Based Topological Patterns. <i>IEEE Access</i> , 2021 , 9, 9218-9234	3.5	1
212	Unbalanced Incomplete Multi-View Clustering Via the Scheme of View Evolution: Weak Views are Meat; Strong Views Do Eat. <i>IEEE Transactions on Emerging Topics in Computational Intelligence</i> , 2021 , 1-15	4.1	2
211	PrivacyEye: A Privacy-Preserving and Computationally Efficient Deep Learning-based Mobile Video Analytics System. <i>IEEE Transactions on Mobile Computing</i> , 2021 , 1-1	4.6	0
210	BLS-Location: A Wireless Fingerprint Localization Algorithm Based on Broad Learning. <i>IEEE Transactions on Mobile Computing</i> , 2021 , 1-1	4.6	5
209	An Adaptive Robustness Evolution Algorithm With Self-Competition and Its 3D Deployment for Internet of Things. <i>IEEE/ACM Transactions on Networking</i> , 2021 , 1-14	3.8	5
208	Reinforcement Learning for Joint Optimization of Communication and Computation in Vehicular Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 70, 13062-13072	6.8	3
207	Machine Learning-Based Resource Allocation Strategy for Network Slicing in Vehicular Networks. <i>Wireless Communications and Mobile Computing</i> , 2020 , 2020, 1-10	1.9	1
206	. <i>IEEE Transactions on Green Communications and Networking</i> , 2020 , 4, 903-913	4	1
205	. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 7317-7324	6.8	7
204	Multi-Agent Deep Reinforcement Learning for Urban Traffic Light Control in Vehicular Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 8243-8256	6.8	42
203	A Game-Theoretic Routing Protocol for 3-D Underwater Acoustic Sensor Networks. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 9846-9857	10.7	11
202	Blockchain-Enabled Contextual Online Learning under Local Differential Privacy for Coronary Heart Disease Diagnosis in Mobile Edge Computing. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2020 , PP,	7.2	13
201	Bilateral Satisfaction Aware Participant Selection With MEC for Mobile Crowd Sensing. <i>IEEE Access</i> , 2020 , 8, 48110-48122	3.5	2
200	Multiagent Deep Reinforcement Learning for Joint Multichannel Access and Task Offloading of Mobile-Edge Computing in Industry 4.0. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 6201-6213	10.7	40
199	Robust EEG-based Emotion Recognition using Multi-feature Joint Sparse Representation 2020 ,		1
198	Approximate to Be Great: Communication Efficient and Privacy-Preserving Large-Scale Distributed Deep Learning in Internet of Things. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 11678-11692	10.7	6
197	Caching in Vehicular Named Data Networking: Architecture, Schemes and Future Directions. <i>IEEE Communications Surveys and Tutorials</i> , 2020 , 22, 2378-2407	37.1	41

196	Reversible Data Hiding Based on Structural Similarity Block Selection. <i>IEEE Access</i> , 2020 , 8, 20375-20385	3.5	4
195	Relay Power Allocation for NAF Cooperation Assisted NOMA Network. <i>IEEE Wireless Communications Letters</i> , 2020 , 9, 1169-1172	5.9	0
194	An Intelligent Coordinator Design for Network Slicing in Service-Oriented Vehicular Networks 2020 ,		1
193	Multi-Task Mapping and Resource Allocation Mechanism in Software Defined Sensor Networks 2020 ,		2
192	V ³ H: View Variation and View Heredity for Incomplete Multiview Clustering. <i>IEEE Transactions on Artificial Intelligence</i> , 2020 , 1, 233-247	4.7	4
191	Optimal and Sub-Optimal Uplink NOMA: Joint User Grouping, Decoding Order, and Power Control. <i>IEEE Wireless Communications Letters</i> , 2020 , 9, 254-257	5.9	21
190	Unmanned Aerial Vehicle Base Station (UAV-BS) Deployment With Millimeter-Wave Beamforming. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 1336-1349	10.7	55
189	Efficient Antijamming Attack Mechanism for Connected Health Networks. <i>IEEE Internet Computing</i> , 2020 , 24, 39-47	2.4	1
188	. <i>IEEE Communications Surveys and Tutorials</i> , 2020 , 22, 2462-2488	37.1	111
187	Indoor Intelligent Fingerprint-Based Localization: Principles, Approaches and Challenges. <i>IEEE Communications Surveys and Tutorials</i> , 2020 , 22, 2634-2657	37.1	25
186	An Adaptive Robustness Evolution Algorithm with Self-Competition for Scale-Free Internet of Things 2020 ,		9
185	Resource Allocation for 5G-Enabled Vehicular Networks in Unlicensed Frequency Bands. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 13546-13555	6.8	4
184	Two-Stage Game Design of Payoff Decision-Making Scheme for Crowdsourcing Dilemmas. <i>IEEE/ACM Transactions on Networking</i> , 2020 , 28, 2741-2754	3.8	3
183	. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2020 , 1-1	4.2	1
182	Machine Learning based Resource Allocation Strategy for Network Slicing in Vehicular Networks 2020 ,		3
181	CPU: Cross-Rack-Aware Pipelining Update for Erasure-Coded Storage. <i>IEEE Transactions on Cloud Computing</i> , 2020 , 1-1	3.3	
180	SSL: A Surrogate-Based Method for Large-Scale Statistical Latency Measurement. <i>IEEE Transactions on Services Computing</i> , 2020 , 13, 958-968	4.8	8
179	. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2020 , 30, 795-809	6.4	6

178	Network-Based Heterogeneous Particle Swarm Optimization and Its Application in UAV Communication Coverage. <i>IEEE Transactions on Emerging Topics in Computational Intelligence</i> , 2020 , 4, 312-323	4.1	16
177	User-Centric Edge Sharing Mechanism in Software-Defined Ultra-Dense Networks. <i>IEEE Journal on Selected Areas in Communications</i> , 2020 , 38, 1531-1541	14.2	27
176	Stochastic Cooperative Multicast Scheduling for Cache-Enabled and Green 5G Networks 2019 ,		3
175	Toward Optimal Adaptive Online Shortest Path Routing With Acceleration Under Jamming Attack. <i>IEEE/ACM Transactions on Networking</i> , 2019 , 27, 1815-1829	3.8	7
174	A Blockchain-based Data Sharing Scheme in The Supply Chain by IIoT 2019 ,		22
173	Joint User Association and UAV Location Optimization for UAV-Aided Communications. <i>IEEE Wireless Communications Letters</i> , 2019 , 8, 1688-1691	5.9	23
172	QoE-Aware Video Collaborative Distribution Mechanism in Cloud Radio Access Networks 2019 ,		2
171	Vision and Challenges for Knowledge Centric Networking. <i>IEEE Wireless Communications</i> , 2019 , 26, 117-123	13.4	9
170	. <i>IEEE Transactions on Multimedia</i> , 2019 , 21, 1762-1777	6.6	13
169	3-D Beamforming for Flexible Coverage in Millimeter-Wave UAV Communications. <i>IEEE Wireless Communications Letters</i> , 2019 , 8, 837-840	5.9	63
168	Spatial-temporal pyramid based Convolutional Neural Network for action recognition. <i>Neurocomputing</i> , 2019 , 358, 446-455	5.4	26
167	An Energy-efficient and Trust-based Formation Algorithm for Cooperative Vehicle Platooning 2019 ,		5
166	Three-Dimensional Continuous Movement Control of Drone Cells for Energy-Efficient Communication Coverage. <i>IEEE Transactions on Vehicular Technology</i> , 2019 , 68, 6535-6546	6.8	23
165	Improving Cloud Gaming Experience through Mobile Edge Computing. <i>IEEE Wireless Communications</i> , 2019 , 26, 178-183	13.4	39
164	Toward Knowledge as a Service Over Networks: A Deep Learning Model Communication Paradigm. <i>IEEE Journal on Selected Areas in Communications</i> , 2019 , 37, 1349-1363	14.2	8
163	Joint Tx-Rx Beamforming and Power Allocation for 5G Millimeter-Wave Non-Orthogonal Multiple Access Networks. <i>IEEE Transactions on Communications</i> , 2019 , 67, 5114-5125	6.9	24
162	Privacy-Preserving and Residential Context-Aware Online Learning for IoT-Enabled Energy Saving With Big Data Support in Smart Home Environment. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 7450-7468	10.7	2
161	Privacy-Preserving Online Task Allocation in Edge-Computing-Enabled Massive Crowdsensing. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 7773-7787	10.7	34

160	Robustness Optimization Scheme With Multi-Population Co-Evolution for Scale-Free Wireless Sensor Networks. <i>IEEE/ACM Transactions on Networking</i> , 2019 , 27, 1028-1042	3.8	97
159	Efficient and Fair Network Selection for Integrated Cellular and Drone-Cell Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2019 , 68, 923-937	6.8	9
158	. <i>IEEE Transactions on Emerging Topics in Computational Intelligence</i> , 2019 , 3, 416-426	4.1	8
157	. <i>IEEE Wireless Communications Letters</i> , 2019 , 8, 328-331	5.9	101
156	Hierarchically Structured Reinforcement Learning for Topically Coherent Visual Story Generation. <i>Proceedings of the AAAI Conference on Artificial Intelligence</i> , 2019 , 33, 8465-8472	5	13
155	Millimeter-Wave Communications With Non-Orthogonal Multiple Access for B5G/6G. <i>IEEE Access</i> , 2019 , 7, 116123-116132	3.5	64
154	Millimeter-Wave NOMA With User Grouping, Power Allocation and Hybrid Beamforming. <i>IEEE Transactions on Wireless Communications</i> , 2019 , 18, 5065-5079	9.6	102
153	Design of Multipath Transmission Control for Information-Centric Internet of Things: A Distributed Stochastic Optimization Framework. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 9475-9488	10.7	13
152	. <i>IEEE Transactions on Wireless Communications</i> , 2019 , 18, 3411-3423	9.6	45
151	. <i>IEEE Access</i> , 2019 , 7, 105755-105767	3.5	4
150	TSGO: Exploiting Medium Collaboration for Green Edge 2019 ,		1
149	Combining Spatio-Temporal Context and Kalman Filtering for Visual Tracking. <i>Mathematics</i> , 2019 , 7, 1052.3	5.3	5
148	Delay-Aware Grid-Based Geographic Routing in Urban VANETs: A Backbone Approach. <i>IEEE/ACM Transactions on Networking</i> , 2019 , 27, 2324-2337	3.8	35
147	Diffusion Kalman Filter With Quantized Information Exchange in Distributed Mobile Crowdsensing. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 4423-4435	10.7	9
146	High-Accuracy Entity State Prediction Method Based on Deep Belief Network Toward IoT Search. <i>IEEE Wireless Communications Letters</i> , 2019 , 8, 492-495	5.9	39
145	User Satisfaction-Aware Resource Allocation for D2D Enhanced Communication. <i>IEEE Access</i> , 2019 , 7, 528-539	3.5	5
144	Biologically Inspired Resource Allocation for Network Slices in 5G-Enabled Internet of Things. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 9266-9279	10.7	60
143	Resource Provisioning in the Edge for IoT Applications With Multilevel Services. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 4262-4271	10.7	8

142	. <i>IEEE Transactions on Multimedia</i> , 2019 , 21, 539-554	6.6	27
141	A Satisficing Conflict Resolution Approach for Multiple UAVs. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 1866-1878	10.7	19
140	A Feature-Based Learning System for Internet of Things Applications. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 1928-1937	10.7	95
139	No-Reference Stereoscopic Image Quality Assessment Based on Image Distortion and Stereo Perceptual Information. <i>IEEE Transactions on Emerging Topics in Computational Intelligence</i> , 2019 , 3, 59-72	4.1	18
138	Differentially Private Distributed Online Algorithms Over Time-Varying Directed Networks. <i>IEEE Transactions on Signal and Information Processing Over Networks</i> , 2018 , 4, 4-17	2.8	29
137	Accurate Content Push for Content-Centric Social Networks: A Big Data Support Online Learning Approach. <i>IEEE Transactions on Emerging Topics in Computational Intelligence</i> , 2018 , 2, 426-438	4.1	5
136	. <i>IEEE Transactions on Multimedia</i> , 2018 , 20, 361-378	6.6	21
135	Dynamic Trust Relationships Aware Data Privacy Protection in Mobile Crowd-Sensing. <i>IEEE Internet of Things Journal</i> , 2018 , 5, 2958-2970	10.7	119
134	. <i>IEEE Internet of Things Journal</i> , 2018 , 5, 415-424	10.7	9
133	EABS: An Event-Aware Backpressure Scheduling Scheme for Emergency Internet of Things. <i>IEEE Transactions on Mobile Computing</i> , 2018 , 17, 72-84	4.6	142
132	Reinforced Robust Principal Component Pursuit. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 1525-1538	10.3	8
131	Offline and Online Search: UAV Multiobjective Path Planning Under Dynamic Urban Environment. <i>IEEE Internet of Things Journal</i> , 2018 , 5, 546-558	10.7	55
130	Dynamical Credibility Assessment of Privacy-Preserving Strategy for Opportunistic Mobile Crowd Sensing. <i>IEEE Access</i> , 2018 , 6, 37430-37443	3.5	10
129	A repeated stochastic game approach for strategic network selection in heterogeneous networks 2018 ,		2
128	Using Coalition Games for QoS Aware Scheduling in mmWave WPANs 2018 ,		2
127	Course recommendation of MOOC with big data support: A contextual online learning approach 2018 ,		9
126	Knowledge-centric proactive edge caching over mobile content distribution network 2018 ,		5
125	Optimal Resource Allocation for NOMA-TDMA Scheme with Fairness in Industrial Internet of Things. <i>Sensors</i> , 2018 , 18,	3.8	13

124	Joint Power Control and Beamforming for Uplink Non-Orthogonal Multiple Access in 5G Millimeter-Wave Communications. <i>IEEE Transactions on Wireless Communications</i> , 2018 , 17, 6177-6189	9.6	55
123	A knowledge-transfer-based learning framework for airspace operation complexity evaluation. <i>Transportation Research Part C: Emerging Technologies</i> , 2018 , 95, 61-81	8.4	16
122	Three-Dimensional Drone-Cell Deployment for Congestion Mitigation in Cellular Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 9867-9881	6.8	14
121	Game Theoretic Approach for Network Access Control in Heterogeneous Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 9856-9866	6.8	7
120	Airborne Communication Networks: A Survey. <i>IEEE Journal on Selected Areas in Communications</i> , 2018 , 36, 1907-1926	14.2	143
119	Trickle Irrigation: Congestion Relief for Communication With Network Coding. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 8695-8708	6.8	0
118	Pure-Exploration Bandits for Channel Selection in Mission-Critical Wireless Communications. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 10995-11007	6.8	4
117	User Characteristic Aware Participant Selection for Mobile Crowdsensing. <i>Sensors</i> , 2018 , 18,	3.8	4
116	Health Topics Mining in Online Medical Community 2018 ,		1
115	Successive Interference Cancellation and Fractional Frequency Reuse for LTE Uplink Communications. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 10528-10542	6.8	7
114	Incremental Learning System for Disease Prediction: Epileptic Seizure Case 2018 ,		1
113	Tree-Based Contextual Learning for Online Job or Candidate Recommendation With Big Data Support in Professional Social Networks. <i>IEEE Access</i> , 2018 , 6, 77725-77739	3.5	4
112	Guest Editorial Airborne Communication Networks. <i>IEEE Journal on Selected Areas in Communications</i> , 2018 , 36, 1903-1906	14.2	5
111	User Centric Content Sharing Based on D2D Cellular Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 11208-11218	6.8	7
110	Miss and Forward: Exploiting Diversity With Intrasession Network Coding. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 4020-4030	6.8	1
109	The networked evolutionary algorithm: A network science perspective. <i>Applied Mathematics and Computation</i> , 2018 , 338, 33-43	2.7	36
108	BNB Method for No-Reference Image Quality Assessment. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2017 , 27, 1381-1391	6.4	10
107	Private and Truthful Aggregative Game for Large-Scale Spectrum Sharing. <i>IEEE Journal on Selected Areas in Communications</i> , 2017 , 35, 463-477	14.2	10

106	. <i>IEEE Transactions on Multimedia</i> , 2017 , 19, 1908-1920	6.6	132
105	New Word Extraction From Chinese Financial Documents. <i>IEEE Signal Processing Letters</i> , 2017 , 24, 770-773	3.2	3
104	. <i>IEEE/ACM Transactions on Networking</i> , 2017 , 25, 2944-2959	3.8	117
103	Proactive Drone-Cell Deployment: Overload Relief for a Cellular Network Under Flash Crowd Traffic. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2017 , 18, 2877-2892	6.1	75
102	A Secure Time Synchronization Protocol Against Fake Timestamps for Large-Scale Internet of Things. <i>IEEE Internet of Things Journal</i> , 2017 , 4, 1879-1889	10.7	19
101	Joint access and backhaul resource management for ultra-dense networks 2017 ,		7
100	Low complexity and near-optimal beam selection for millimeter wave MIMO systems 2017 ,		5
99	. <i>IEEE Transactions on Vehicular Technology</i> , 2017 , 66, 9162-9176	6.8	4
98	Regret Benefit Ratio Link Scheduler for Wireless Backhaul With Directional Antennas. <i>IEEE Transactions on Vehicular Technology</i> , 2017 , 66, 10220-10232	6.8	4
97	Near-Optimal and Practical Jamming-Resistant Energy-Efficient Cognitive Radio Communications. <i>IEEE Transactions on Information Forensics and Security</i> , 2017 , 12, 2807-2822	8	11
96	. <i>IEEE Access</i> , 2017 , 5, 19951-19960	3.5	26
95	Unequal error protection for video streaming using delay-aware fountain codes 2017 ,		5
94	Coefficient-group level modeling for low complexity RDO in HEVC 2017 ,		1
93	QoS-aware scheduling for small cell millimeter wave mesh backhaul 2016 ,		22
92	From Rateless to Hopless. <i>IEEE/ACM Transactions on Networking</i> , 2016 , 1-14	3.8	2
91	Robust Orthogonal Complement Principal Component Analysis. <i>Journal of the American Statistical Association</i> , 2016 , 111, 763-771	2.8	6
90	FUN Coding: Design and Analysis. <i>IEEE/ACM Transactions on Networking</i> , 2016 , 24, 3340-3353	3.8	12
89	A two stage approach for channel transmission rate aware scheduling in directional mmWave WPANs. <i>Wireless Communications and Mobile Computing</i> , 2016 , 16, 313-329	1.9	9

88	Shortest Path Routing in Unknown Environments: Is the Adaptive Optimal Strategy Available? 2016 ,		3
87	. <i>IEEE Transactions on Multimedia</i> , 2016 , 18, 1217-1229	6.6	53
86	Throughput enhancement of IEEE 802.11ad through space-time division multiple access scheduling of multiple co-channel networks. <i>IET Communications</i> , 2016 , 10, 425-434	1.3	3
85	Social Networking Reduces Peak Power Consumption in Smart Grid. <i>IEEE Transactions on Smart Grid</i> , 2015 , 6, 1403-1413	10.7	16
84	A hybrid DF and CF scheme with adaptive power allocation for half-duplex relay channel 2015 ,		2
83	Full-reference quality assessment of stereoscopic images using disparity-gradient-phase similarity 2015 ,		6
82	Joint Association Graph Screening and Decomposition for Large-Scale Linear Dynamical Systems. <i>IEEE Transactions on Signal Processing</i> , 2015 , 63, 389-401	4.8	4
81	Blockage Robust and Efficient Scheduling for Directional mmWave WPANs. <i>IEEE Transactions on Vehicular Technology</i> , 2015 , 64, 728-742	6.8	63
80	Cross-layer optimized routing in wireless sensor networks with duty cycle and energy harvesting. <i>Wireless Communications and Mobile Computing</i> , 2015 , 15, 1957-1981	1.9	93
79	Collaborative Task Execution in Mobile Cloud Computing Under a Stochastic Wireless Channel. <i>IEEE Transactions on Wireless Communications</i> , 2015 , 14, 81-93	9.6	159
78	A venues-aware message routing scheme for delay-tolerant networks. <i>Wireless Communications and Mobile Computing</i> , 2015 , 15, 1695-1710	1.9	2
77	Capacity region and dynamic control of wireless networks under per-link queueing. <i>Wireless Communications and Mobile Computing</i> , 2015 , 15, 787-799	1.9	1
76	DelayPower-Rate-Distortion Model for Wireless Video Communication Under Delay and Energy Constraints. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2014 , 24, 1170-1183	6.4	19
75	Dynamic rate allocation and opportunistic routing for scalable video multirate multicast over time-varying wireless networks 2014 ,		2
74	TOSS: Traffic offloading by social network service-based opportunistic sharing in mobile social networks 2014 ,		80
73	. <i>IEEE Transactions on Vehicular Technology</i> , 2014 , 63, 3947-3956	6.8	30
72	Order-Optimal Information Dissemination in MANETs via Network Coding. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2014 , 25, 1841-1851	3.7	8
71	Approximating vector quantisation by transformation and scalar quantisation. <i>IET Communications</i> , 2014 , 8, 324-334	1.3	

70	Toward Transcoding as a Service in a Multimedia Cloud: Energy-Efficient Job-Dispatching Algorithm. <i>IEEE Transactions on Vehicular Technology</i> , 2014 , 63, 2002-2012	6.8	26
69	Learning Topology and Dynamics of Large Recurrent Neural Networks. <i>IEEE Transactions on Signal Processing</i> , 2014 , 62, 5881-5891	4.8	4
68	Quantized kernel least mean mixed-norm algorithm 2014 ,		3
67	Maximally concentrated sequences in both time and linear canonical transform domains. <i>Signal, Image and Video Processing</i> , 2014 , 8, 819-829	1.6	4
66	. <i>IEEE Transactions on Wireless Communications</i> , 2013 , 12, 4569-4581	9.6	499
65	Delay-power-rate-distortion model for H.264 video coding 2013 ,		1
64	. <i>IEEE Transactions on Multimedia</i> , 2013 , 15, 2114-2124	6.6	29
63	A Market Based Scheme to Integrate Distributed Wind Energy. <i>IEEE Transactions on Smart Grid</i> , 2013 , 4, 976-984	10.7	17
62	No-reference image quality assessment based on BNB measurement 2013 ,		3
61	Smoothing the energy consumption: Peak demand reduction in smart grid 2013 ,		29
60	Energy-efficient scheduling policy for collaborative execution in mobile cloud computing 2013 ,		97
59	Flatten a Curved Space by Kernel [Applications Corner]. <i>IEEE Signal Processing Magazine</i> , 2013 , 30, 132-142		1
58	Group Iterative Spectrum Thresholding for Super-Resolution Sparse Spectral Selection. <i>IEEE Transactions on Signal Processing</i> , 2013 , 61, 6371-6386	4.8	18
57	On the Throughput Capacity of Wireless Sensor Networks With Mobile Relays. <i>IEEE Transactions on Vehicular Technology</i> , 2012 , 61, 1801-1809	6.8	23
56	Improved Estimation of Transmission Distortion for Error-Resilient Video Coding. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2012 , 22, 636-647	6.4	18
55	Multi-fault aware parallel localization protocol for backbone network with many constraints. <i>Photonic Network Communications</i> , 2012 , 24, 210-218	1.7	
54	Pitch-based gender identification with two-stage classification. <i>Security and Communication Networks</i> , 2012 , 5, 211-225	1.9	28
53	Leakage-probability-constrained secrecy capacity of a fading channel. <i>Security and Communication Networks</i> , 2012 , 5, 583-593	1.9	

52	Minimum Norm Least Squares Extrapolation Estimate for Discrete (a,b,c,d)-Bandlimited Signals. <i>IEEE Signal Processing Letters</i> , 2012 , 19, 853-856	3.2	5
51	Fault-Tolerant and Scalable Key Management for Smart Grid. <i>IEEE Transactions on Smart Grid</i> , 2011 , 2, 375-381	10.7	167
50	. <i>IEEE Transactions on Vehicular Technology</i> , 2011 , 60, 2224-2238	6.8	104
49	Cutting Down Electricity Cost in Internet Data Centers by Using Energy Storage 2011 ,		5
48	An Extrapolation Algorithm for (a,b,c,d) -Bandlimited Signals. <i>IEEE Signal Processing Letters</i> , 2011 , 18, 745-748	3.2	13
47	End-to-End Delay Constrained Routing and Scheduling for Wireless Sensor Networks 2011 ,		9
46	Sliding Mode Based Joint Congestion Control and Scheduling in Multi-Hop Ad Hoc Networks with Multi-Class Services 2010 ,		4
45	. <i>IEEE Transactions on Vehicular Technology</i> , 2010 , 59, 4500-4512	6.8	114
44	. <i>IEEE Transactions on Vehicular Technology</i> , 2010 , 59, 4564-4577	6.8	24
43	Image denoising by bounded block matching and 3D filtering. <i>Signal Processing</i> , 2010 , 90, 2778-2783	4.4	28
42	Image representation by compressive sensing for visual sensor networks. <i>Journal of Visual Communication and Image Representation</i> , 2010 , 21, 325-333	2.7	31
41	Ripplet: A new transform for image processing. <i>Journal of Visual Communication and Image Representation</i> , 2010 , 21, 627-639	2.7	72
40	Performance of a burst-frame-based CSMA/CA protocol: Analysis and enhancement. <i>Wireless Networks</i> , 2009 , 15, 87-98	2.5	10
39	Directional medium access control for ad hoc networks. <i>Wireless Networks</i> , 2009 , 15, 1059-1073	2.5	21
38	Feature extraction through local learning. <i>Statistical Analysis and Data Mining</i> , 2009 , 2, 34-47	1.4	16
37	Fading Channel Modeling via Variable-Length Markov Chain Technique. <i>IEEE Transactions on Vehicular Technology</i> , 2008 , 57, 1338-1358	6.8	10
36	Mobile Privacy in Wireless Networks-Revisited. <i>IEEE Transactions on Wireless Communications</i> , 2008 , 7, 1035-1042	9.6	33
35	An Efficient Mobile Authentication Scheme for Wireless Networks. <i>IEEE Transactions on Wireless Communications</i> , 2008 , 7, 1408-1416	9.6	59

34	Hyper-trellis decoding of pixel-domain Wyner-Ziv video coding. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2008 , 18, 557-568	6.4	6
33	TrustStream: A Secure and Scalable Architecture for Large-Scale Internet Media Streaming. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2008 , 18, 1692-1702	6.4	11
32	An efficient data structure for network anomaly detection. <i>Security and Communication Networks</i> , 2008 , 1, 107-124	1.9	0
31	Power control and scheduling for guaranteeing quality of service in cellular networks. <i>Wireless Communications and Mobile Computing</i> , 2008 , 8, 75-92	1.9	1
30	Power control and channel allocation for real-time applications in cellular networks. <i>Wireless Communications and Mobile Computing</i> , 2008 , 8, 705-713	1.9	4
29	Adaptive motion estimation schemes using maximum mutual information criterion. <i>Wireless Communications and Mobile Computing</i> , 2007 , 7, 205-215	1.9	
28	. <i>IEEE Transactions on Vehicular Technology</i> , 2007 , 56, 888-898	6.8	14
27	Joint Design of Routing and Medium Access Control for Hybrid Mobile Ad Hoc Networks. <i>Mobile Networks and Applications</i> , 2007 , 12, 57-68	2.9	3
26	Effective capacity channel model for frequency-selective fading channels. <i>Wireless Networks</i> , 2007 , 13, 299-310	2.5	6
25	. <i>IEEE Transactions on Wireless Communications</i> , 2007 , 6, 556-565	9.6	27
24	Adaptive cell relay routing protocol for mobile ad hoc networks. <i>IEEE Transactions on Vehicular Technology</i> , 2006 , 55, 278-285	6.8	36
23	Performance Analysis of IEEE 802.11 DCF in Imperfect Channels. <i>IEEE Transactions on Vehicular Technology</i> , 2006 , 55, 1648-1656	6.8	64
22	NIS05-2: An Efficient Proactive Share Refreshing Scheme for Secret Sharing in Distributed Systems. <i>IEEE Global Telecommunications Conference (GLOBECOM)</i> , 2006 ,		1
21	. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2006 , 16, 590-599	6.4	87
20	OMAR: Utilizing Multiuser Diversity in Wireless Ad Hoc Networks. <i>IEEE Transactions on Mobile Computing</i> , 2006 , 5, 1764-1779	4.6	24
19	Secure localization and authentication in ultra-wideband sensor networks. <i>IEEE Journal on Selected Areas in Communications</i> , 2006 , 24, 829-835	14.2	119
18	A secure incentive architecture for ad hoc networks. <i>Wireless Communications and Mobile Computing</i> , 2006 , 6, 333-346	1.9	25
17	Effective Capacity-Based Quality of Service Measures for Wireless Networks. <i>Mobile Networks and Applications</i> , 2006 , 11, 91-99	2.9	46

16	Uplink medium access control for WLANs with multi-beam access point 2005 ,		2
15	Performance analysis of IEEE 802.11 DCF in binary symmetric channels 2005 ,		6
14	Performance analysis of wireless video sensors in video surveillance 2005 ,		1
13	Power-rate-distortion analysis for wireless video communication under energy constraints. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2005 , 15, 645-658	6.4	183
12	A hyper-trellis based turbo decoder for Wyner-Ziv video coding 2005 ,		8
11	Utilizing multiuser diversity for efficient support of quality of service over a fading channel. <i>IEEE Transactions on Vehicular Technology</i> , 2005 , 54, 1198-1206	6.8	70
10	QoS provisioning in wireless networks. <i>Wireless Communications and Mobile Computing</i> , 2005 , 5, 957-969	1.9	24
9	SORI: a secure and objective reputation-based incentive scheme for ad-hoc networks 2004 ,		29
8	Downlink scheduling in a cellular network for quality-of-service assurance. <i>IEEE Transactions on Vehicular Technology</i> , 2004 , 53, 1547-1557	6.8	45
7	Streaming video over the Internet: approaches and directions. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2001 , 11, 282-300	6.4	271
6	. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2000 , 10, 923-941	6.4	76
5	Performance analysis of a burst-frame-based MAC protocol for ultra-wideband ad hoc networks		4
4	A dual-channel MAC protocol for mobile ad hoc networks		9
3	Building underwater ad-hoc networks and sensor networks for large scale real-time aquatic applications		32
2	A Robust Linear Programming Based Boosting Algorithm		1
1	Post-processing method with aspect term error correction for enhancing aspect term extraction. <i>Applied Intelligence</i> ,1	4.9	