

Xianbin Wang

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.

401
papers

9,507
citations

45
h-index

86
g-index

481
ext. papers

12,080
ext. citations

6.2
avg, IF

7.1
L-index

#	Paper	IF	Citations
401	Topology Sensing of Non-Collaborative Wireless Networks with Conditional Granger Causality. <i>IEEE Transactions on Network Science and Engineering</i> , 2022 , 1-1	4.9	0
400	Resource Allocation for URLLC-Oriented Two-Way UAV Relaying. <i>IEEE Transactions on Vehicular Technology</i> , 2022 , 1-1	6.8	1
399	Unifying Futures and Spot Market: Overbooking-Enabled Resource Trading in Mobile Edge Networks. <i>IEEE Transactions on Wireless Communications</i> , 2022 , 1-1	9.6	1
398	Efficient DOA Estimation Method for Reconfigurable Intelligent Surfaces Aided UAV Swarm. <i>IEEE Transactions on Signal Processing</i> , 2022 , 1-1	4.8	4
397	Multi-Dimensional Multiple Access with Resource Utilization Cost Awareness for Individualized Service Provisioning in 6G. <i>IEEE Journal on Selected Areas in Communications</i> , 2022 , 1-1	14.2	0
396	Traffic Prediction-Enabled Energy-Efficient Dynamic Computing Resource Allocation in CRAN Based on Deep Learning. <i>IEEE Open Journal of the Communications Society</i> , 2022 , 3, 159-175	6.7	1
395	UAV Relay Assisted Cooperative Jamming for Covert Communications over Rician Fading. <i>IEEE Transactions on Vehicular Technology</i> , 2022 , 1-1	6.8	2
394	UAV-Assisted Edge Caching Under Uncertain Demand: A Data-Driven Distributionally Robust Joint Strategy. <i>IEEE Transactions on Communications</i> , 2022 , 1-1	6.9	0
393	Deep learning-based symbol detection for time-varying nonstationary channels. <i>China Communications</i> , 2022 , 19, 158-171	3	0
392	Coordinated 3D spectrum utilization for B5G indoor HetNets: A collaborated crowdsensing approach. <i>IET Communications</i> , 2022 , 16, 111-119	1.3	
391	Overbooking-Empowered Computing Resource Provisioning in Cloud-Aided Mobile Edge Networks. <i>IEEE/ACM Transactions on Networking</i> , 2022 , 1-15	3.8	
390	Joint User Grouping and Power Optimization for Secure mmWave-NOMA System. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 1-1	9.6	3
389	DDoS Defense for IoT: A Stackelberg Game Model Enabled Collaborative Framework. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	2
388	Peak-to-Average Power Ratio Reduction for High-Mobility Massive MIMO With Angle-Domain Doppler Suppression. <i>IEEE Wireless Communications Letters</i> , 2021 , 10, 735-739	5.9	1
387	2021 ,		9
386	Determination of Mining-Induced Changes in Hydrogeological Parameters of Overburden Aquifer in a Coalfield, Northwest China: Approaches Using the Water Level Response to Earth Tides. <i>Geofluids</i> , 2021 , 2021, 1-13	1.5	1
385	Lightweight Continuous Authentication via Intelligently Arranged Pseudo-Random Access in 5G-and-Beyond. <i>IEEE Transactions on Communications</i> , 2021 , 69, 4011-4023	6.9	2

384	Cooperative SM-Based NOMA Scheme With SWIPT. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 70, 6195-6199	6.8	3
383	User-Centric Multi-Dimensional Multiple Access in 6G Communications 2021 ,		1
382	A Multi-Layer Collaboration Framework for Industrial Parks with 5G Vehicle-to-Everything Networks. <i>Engineering</i> , 2021 , 7, 818-831	9.7	1
381	Joint Radio Resource Allocation for Decoupled Control and Data Planes in Densely Deployed Coordinated WLANs. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 20, 3749-3759	9.6	1
380	Prognostic Signature of Osteosarcoma Based on 14 Autophagy-Related Genes. <i>Pathology and Oncology Research</i> , 2021 , 27, 1609782	2.6	5
379	Digital-Twin-Enabled Intelligent Distributed Clock Synchronization in Industrial IoT Systems. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 4548-4559	10.7	17
378	Joint Location and Transmit Power Optimization for NOMA-UAV Networks via Updating Decoding Order. <i>IEEE Wireless Communications Letters</i> , 2021 , 10, 136-140	5.9	10
377	Anomalous IoT Sensor Data Detection: An Efficient Approach Enabled by Nonlinear Frequency-Domain Graph Analysis. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 3812-3821	10.7	5
376	Coordinated Direct and Relay Transmission With NOMA and Network Coding in Nakagami-m Fading Channels. <i>IEEE Transactions on Communications</i> , 2021 , 69, 207-222	6.9	16
375	Resource Trading in Edge Computing-enabled IoV: An Efficient Futures-based Approach. <i>IEEE Transactions on Services Computing</i> , 2021 , 1-1	4.8	3
374	. <i>IEEE Transactions on Mobile Computing</i> , 2021 , 1-1	4.6	5
373	. <i>IEEE Network</i> , 2021 , 35, 16-19	11.4	5
372	Localization for Intelligent Systems Using Unsupervised Learning and Prediction Approaches. <i>Canadian Journal of Electrical and Computer Engineering</i> , 2021 , 1-13	1.4	0
371	Maximization of Value of Service for Mobile Collaborative Computing through Situation Aware Task Offloading. <i>IEEE Transactions on Mobile Computing</i> , 2021 , 1-1	4.6	3
370	Distributed Nonlinear Polynomial Graph Filter and Its Output Graph Spectrum: Filter Analysis and Design. <i>IEEE Transactions on Signal Processing</i> , 2021 , 69, 1725-1739	4.8	5
369	Semi-Decentralized Network Slicing for Reliable V2V Service Provisioning: A Model-Free Deep Reinforcement Learning Approach. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 1-13	6.1	1
368	Safeguarding Cluster Heads in UAV Swarm Using Edge Intelligence: Linear Discriminant Analysis-Based Cross-Layer Authentication. <i>IEEE Open Journal of the Communications Society</i> , 2021 , 2, 1298-1309	6.7	3
367	Defending Against Link Flooding Attacks in Internet of Things: A Bayesian Game Approach. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	1

366	Impact and Calibration of Nonlinear Reciprocity Mismatch in Massive MIMO Systems. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 1-1	9.6	3
365	Situation-Aware Resource Allocation for Multi-Dimensional Intelligent Multiple Access: A Proactive Deep Learning Framework. <i>IEEE Journal on Selected Areas in Communications</i> , 2021 , 39, 116-130	14.2	10
364	Beamforming and Jamming Optimization for IRS-Aided Secure NOMA Networks. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 1-1	9.6	14
363	Hybrid Beamforming Design and Resource Allocation for UAV-aided Wireless-Powered Mobile Edge Computing Networks with NOMA. <i>IEEE Journal on Selected Areas in Communications</i> , 2021 , 1-1	14.2	16
362	A Fast Hierarchical Physical Topology Update Scheme for Edge-Cloud Collaborative IoT Systems. <i>IEEE/ACM Transactions on Networking</i> , 2021 , 1-13	3.8	0
361	Let's Trade in The Future! A Futures-Enabled Fast Resource Trading Mechanism in Edge Computing-Assisted UAV Networks. <i>IEEE Journal on Selected Areas in Communications</i> , 2021 , 1-1	14.2	4
360	Smart Futures based Resource Trading and Coalition Formation for Real-time Mobile Data Processing. <i>IEEE Transactions on Services Computing</i> , 2021 , 1-1	4.8	1
359	Resource Allocation and Trajectory Optimization for UAV-Enabled Multi-User Covert Communications. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 70, 1989-1994	6.8	10
358	A Multi-Dimensional Intelligent Multiple Access Technique for 5G Beyond and 6G Wireless Networks. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 20, 1308-1320	9.6	6
357	An Intelligent Transaction Migration Scheme for RAFT-Based Private Blockchain in Internet of Things Applications. <i>IEEE Communications Letters</i> , 2021 , 25, 2753-2757	3.8	8
356	Radio Frequency Fingerprint Identification for LoRa Using Deep Learning. <i>IEEE Journal on Selected Areas in Communications</i> , 2021 , 39, 2604-2616	14.2	12
355	Achievable Sum-Rate of Full-Duplex-Based Small Cells With Clustered Interference Alignment. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 70, 8367-8372	6.8	
354	Intelligent Radio Access Network Slicing for Service Provisioning in 6G: A Hierarchical Deep Reinforcement Learning Approach. <i>IEEE Transactions on Communications</i> , 2021 , 69, 6063-6078	6.9	14
353	Passive Network Synchronization Based on Concurrent Observations in Industrial IoT Systems. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 14028-14038	10.7	1
352	Special Issue on Unmanned Aerial Vehicle (UAV)-Enabled Green Communications and Networking. <i>IEEE Transactions on Green Communications and Networking</i> , 2021 , 5, 1232-1235	4	1
351	Crowdsensing-Assisted Path Loss Estimation and Management of Dynamic Coverage in 3D Wireless Networks With Dense Small Cells. <i>IEEE Access</i> , 2021 , 9, 112670-112685	3.5	2
350	Vehicle coupled bifurcation analysis of steering angle and driving torque. <i>Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering</i> , 2021 , 235, 1864-1875	1.4	5
349	Federated Intelligence for Active Queue Management in Inter-Domain Congestion. <i>IEEE Access</i> , 2021 , 9, 10674-10685	3.5	2

348	Efficient Subchannel Allocation Based on Partial Clustered Interference Alignment and Clusters Merging in Dense Small Cell Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 16191-16196	6.8	3
347	Mobility and Location-Aware Stable Clustering Scheme for UAV Networks. <i>IEEE Access</i> , 2020 , 8, 106364-106372	10.5	14
346	Fast Authentication and Progressive Authorization in Large-Scale IoT: How to Leverage AI for Security Enhancement. <i>IEEE Network</i> , 2020 , 34, 24-29	11.4	25
345	Incomplete Information Based Collaborative Computing in Emergency Communication Networks. <i>IEEE Communications Letters</i> , 2020 , 24, 2038-2042	3.8	
344	Uplink-Aided High Mobility Downlink Channel Estimation Over Massive MIMO-OTFS System. <i>IEEE Journal on Selected Areas in Communications</i> , 2020 , 38, 1994-2009	14.2	41
343	AI-Enabled Sub-6-GHz and mm-Wave Hybrid Communications: Considerations for Use With Future HSR Wireless Systems. <i>IEEE Vehicular Technology Magazine</i> , 2020 , 15, 59-67	9.9	6
342	Performance Analysis of Spatial Modulation Aided NOMA With Full-Duplex Relay. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 5683-5687	6.8	9
341	Security Enhancement for NOMA-UAV Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 3994-4005	6.8	74
340	Cloud Based mmWave WLANs: Architectural Paradigms, Proposals and Perspectives. <i>IEEE Wireless Communications</i> , 2020 , 27, 170-177	13.4	2
339	Adaptive Channel Prediction, Beamforming and Scheduling Design for 5G V2I Network: Analytical and Machine Learning Approaches. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 5055-5067	6.8	7
338	Patent Analytic Citation-Based VSM: Challenges and Applications. <i>IEEE Access</i> , 2020 , 8, 17464-17476	3.5	4
337	Nonlinear Polynomial Graph Filter for Anomalous IoT Sensor Detection and Localization. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 4839-4848	10.7	7
336	Futures-Based Resource Trading and Fair Pricing in Real-Time IoT Networks. <i>IEEE Wireless Communications Letters</i> , 2020 , 9, 125-128	5.9	10
335	Security Enhancement Using a Novel Two-Slot Cooperative NOMA Scheme. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 3470-3475	6.8	11
334	Adaptive Trust Management for Soft Authentication and Progressive Authorization Relying on Physical Layer Attributes. <i>IEEE Transactions on Communications</i> , 2020 , 68, 2607-2620	6.9	3
333	Deep Learning Based Hotspot Prediction and Beam Management for Adaptive Virtual Small Cell in 5G Networks. <i>IEEE Transactions on Emerging Topics in Computational Intelligence</i> , 2020 , 4, 83-94	4.1	12
332	Steganographic-Based Header Size Reduction Technique for Multimedia Streams. <i>IEEE/ACM Transactions on Networking</i> , 2020 , 28, 399-412	3.8	
331	. <i>IEEE Transactions on Sustainable Computing</i> , 2020 , 5, 541-551	3.5	6

330	. <i>IEEE Open Journal of the Communications Society</i> , 2020 , 1, 282-292	6.7	12
329	Fuzzy Learning for Multi-Dimensional Adaptive Physical Layer Authentication: A Compact and Robust Approach. <i>IEEE Transactions on Wireless Communications</i> , 2020 , 19, 5420-5432	9.6	6
328	Real-Time Data Analytics in Internet of Things Systems 2020 , 1-28		1
327	Unsupervised Manifold Alignment for Wifi RSSI Indoor Localization 2020 ,		2
326	Preventing DRDoS Attacks in 5G Networks: a New Source IP Address Validation Approach 2020 ,		2
325	Capturing the Sparsity and Tracking the Channels for Massive MIMO Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 685-699	6.8	2
324	Stochastic geometry of network of randomly distributed moving vehicles on a highway. <i>International Journal of Communication Systems</i> , 2020 , 33, e4277	1.7	
323	. <i>IEEE Transactions on Wireless Communications</i> , 2020 , 19, 1237-1249	9.6	3
322	Performance of SWIPT for Full-Duplex Relay System With Co-Channel Interference. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 2311-2315	6.8	5
321	Topology Verification Enabled Intrusion Detection for In-Vehicle CAN-FD Networks. <i>IEEE Communications Letters</i> , 2020 , 24, 227-230	3.8	5
320	Content-Aware Traffic Data Completion in ITS Based on Generative Adversarial Nets. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 11950-11962	6.8	6
319	Defending Link Flooding Attacks under Incomplete Information: A Bayesian Game Approach 2020 ,		3
318	A New Atomic Norm for DOA Estimation With Gain-Phase Errors. <i>IEEE Transactions on Signal Processing</i> , 2020 , 68, 4293-4306	4.8	11
317	IEEE 802.11be Wi-Fi 7: New Challenges and Opportunities. <i>IEEE Communications Surveys and Tutorials</i> , 2020 , 22, 2136-2166	37.1	34
316	Green Traffic Off-Loading Over Uncertain Shared Spectrums With End-to-End QoS Guarantee. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 9921-9937	6.8	3
315	Distributive Throughput Optimization for Massive Random Access of M2M Communications in LTE Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 11828-11840	6.8	3
314	Anomaly-Aware Network Traffic Estimation via Outlier-Robust Tensor Completion. <i>IEEE Transactions on Network and Service Management</i> , 2020 , 17, 2677-2689	4.8	3
313	. <i>IEEE Transactions on Network Science and Engineering</i> , 2020 , 7, 3122-3134	4.9	3

312	. <i>IEEE Communications Surveys and Tutorials</i> , 2020 , 22, 426-471	37.1	140
311	Distributed Clock Synchronization Based on Intelligent Clustering in Local Area Industrial IoT Systems. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 3697-3707	11.9	16
310	A hierarchical game model for computation sharing in smart buildings. <i>China Communications</i> , 2020 , 17, 188-204	3	
309	Short-Term Traffic Prediction Based on DeepCluster in Large-Scale Road Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2019 , 68, 12301-12313	6.8	16
308	Evolution of Vehicle Network on a Highway. <i>IEEE Transactions on Vehicular Technology</i> , 2019 , 68, 9088-9097	6.8	2
307	A Flip-Syndrome-List Polar Decoder Architecture for Ultra-Low-Latency Communications. <i>IEEE Access</i> , 2019 , 7, 1149-1159	3.5	2
306	. <i>IEEE Access</i> , 2019 , 7, 129043-129053	3.5	22
305	Time-Varying Massive MIMO Channel Estimation: Capturing, Reconstruction, and Restoration. <i>IEEE Transactions on Communications</i> , 2019 , 67, 7558-7572	6.9	19
304	Angle-based beamforming in mmWave massive MIMO systems with low feedback overhead using multi-pattern codebooks. <i>China Communications</i> , 2019 , 16, 18-30	3	3
303	Layered-Division-Multiplexing for High Spectrum Efficiency and Service Flexibility in Next Generation ATSC 3.0 Broadcast System. <i>IEEE Wireless Communications</i> , 2019 , 26, 116-123	13.4	6
302	Mobility Management through Scalable C/U-Plane Decoupling in IoV Networks. <i>IEEE Communications Magazine</i> , 2019 , 57, 122-129	9.1	17
301	Secure Transmission via Joint Precoding Optimization for Downlink MISO NOMA. <i>IEEE Transactions on Vehicular Technology</i> , 2019 , 68, 7603-7615	6.8	30
300	Secure Primary Transmission Assisted by a Secondary Full-Duplex NOMA Relay. <i>IEEE Transactions on Vehicular Technology</i> , 2019 , 68, 7214-7219	6.8	29
299	Collaborative Distributed Q-Learning for RACH Congestion Minimization in Cellular IoT Networks. <i>IEEE Communications Letters</i> , 2019 , 23, 600-603	3.8	35
298	Privacy-Aware Crowdsourced Spectrum Sensing and Multi-User Sharing Mechanism in Dynamic Spectrum Access Networks. <i>IEEE Access</i> , 2019 , 7, 32971-32988	3.5	4
297	Using Layered-Division-Multiplexing to Deliver Multi-Layer Mobile Services in ATSC 3.0. <i>IEEE Transactions on Broadcasting</i> , 2019 , 65, 40-52	4.7	17
296	Electrochemical behaviors and electrolytic separation of Th(IV) and Ce(III) in ThF ₄ -CeF ₃ -LiCl-KCl quaternary melt. <i>Separation and Purification Technology</i> , 2019 , 210, 236-241	8.3	6
295	Integrating PHY Security Into NDN-IoT Networks By Exploiting MEC: Authentication Efficiency, Robustness, and Accuracy Enhancement. <i>IEEE Transactions on Signal and Information Processing Over Networks</i> , 2019 , 5, 792-806	2.8	6

294	Two Time-Scale Edge Caching and BS Association for Power-Delay Tradeoff in Multi-Cell Networks. <i>IEEE Transactions on Communications</i> , 2019 , 67, 5506-5519	6.9	15
293	Multuser Resource Control With Deep Reinforcement Learning in IoT Edge Computing. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 10119-10133	10.7	21
292	Throughput Optimization With Delay Guarantee for Massive Random Access of M2M Communications in Industrial IoT. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 10077-10092	10.7	14
291	Mitigating Routing Misbehavior using Blockchain-Based Distributed Reputation Management System for IoT Networks 2019 ,		4
290	Pilot Contamination Mitigation for Wideband Massive MIMO Systems. <i>IEEE Transactions on Communications</i> , 2019 , 67, 7889-7906	6.9	6
289	Multi-Beam Transmission and Dual-Band Cooperation for Control/Data Plane Decoupled WLANs. <i>IEEE Transactions on Vehicular Technology</i> , 2019 , 68, 9806-9819	6.8	8
288	Mixed-Timescale Joint Computational Offloading and Wireless Resource Allocation Strategy in Energy Harvesting Multi-MEC Server Systems. <i>IEEE Access</i> , 2019 , 7, 74640-74652	3.5	8
287	Prioritized Clock Synchronization for Event Critical Applications in Wireless IoT Networks. <i>IEEE Sensors Journal</i> , 2019 , 19, 7120-7128	4	3
286	Machine Learning for Intelligent Authentication in 5G and Beyond Wireless Networks. <i>IEEE Wireless Communications</i> , 2019 , 26, 55-61	13.4	48
285	A Two-Step Neural Network Based Beamforming in MIMO without Reference Signal 2019 ,		1
284	An adaptive grouping scheme in ultra-dense IEEE 802.11ax network using buffer state report based two-stage mechanism. <i>China Communications</i> , 2019 , 16, 31-44	3	5
283	Intelligent Active Queue Management Using Explicit Congestion Notification 2019 ,		2
282	Intelligent Network Slicing for V2X Services Toward 5G. <i>IEEE Network</i> , 2019 , 33, 196-204	11.4	44
281	Learning-Aided Physical Layer Authentication as an Intelligent Process. <i>IEEE Transactions on Communications</i> , 2019 , 67, 2260-2273	6.9	56
280	Off-Grid DOA Estimation Using Sparse Bayesian Learning in MIMO Radar With Unknown Mutual Coupling. <i>IEEE Transactions on Signal Processing</i> , 2019 , 67, 208-220	4.8	81
279	Deep Learning-Based Beam Management and Interference Coordination in Dense mmWave Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2019 , 68, 592-603	6.8	57
278	Impulsive Noise Recovery and Elimination: A Sparse Machine Learning Based Approach. <i>IEEE Transactions on Vehicular Technology</i> , 2019 , 68, 2306-2315	6.8	7
277	. <i>IEEE Transactions on Multimedia</i> , 2019 , 21, 1893-1904	6.6	2

276	UAV-Enabled Spatial Data Sampling in Large-Scale IoT Systems Using Denoising Autoencoder Neural Network. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 1856-1865	10.7	35
275	A $\$Q\$\$$ -Learning-Based Proactive Caching Strategy for Non-Safety Related Services in Vehicular Networks. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 4512-4520	10.7	39
274	Green-RPL: An Energy-Efficient Protocol for Cognitive Radio Enabled AMI Network in Smart Grid. <i>IEEE Access</i> , 2018 , 6, 18335-18344	3.5	15
273	Distributed Caching Enabled Peak Traffic Reduction in Ultra-Dense IoT Networks. <i>IEEE Communications Letters</i> , 2018 , 22, 1252-1255	3.8	13
272	Connectivity-Based Centroid Localization Using Distributed Dense Reference Nodes. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 6685-6689	6.8	8
271	A Latency and Reliability Guaranteed Resource Allocation Scheme for LTE V2V Communication Systems. <i>IEEE Transactions on Wireless Communications</i> , 2018 , 17, 3850-3860	9.6	87
270	The Internet of Things in Manufacturing: Key Issues and Potential Applications. <i>IEEE Systems, Man, and Cybernetics Magazine</i> , 2018 , 4, 6-15	1.6	55
269	Cloud-Orchestrated Physical Topology Discovery of Large-Scale IoT Systems Using UAVs. <i>IEEE Transactions on Industrial Informatics</i> , 2018 , 14, 2261-2270	11.9	28
268	Layered-Division Multiplexing: An Enabling Technology for Multicast/Broadcast Service Delivery in 5G. <i>IEEE Communications Magazine</i> , 2018 , 56, 82-90	9.1	21
267	Resource Allocation in NOMA-Based Fog Radio Access Networks. <i>IEEE Wireless Communications</i> , 2018 , 25, 110-115	13.4	66
266	A Collaborative PHY-Aided Technique for End-to-End IoT Device Authentication. <i>IEEE Access</i> , 2018 , 6, 42279-42293	3.5	26
265	Energy-Efficient Joint Offloading and Wireless Resource Allocation Strategy in Multi-MEC Server Systems 2018 ,		60
264	Performance Analysis and Code Optimization of IDMA With 5G New Radio LDPC Code. <i>IEEE Communications Letters</i> , 2018 , 22, 1552-1555	3.8	22
263	. <i>IEEE Communications Surveys and Tutorials</i> , 2018 , 20, 674-707	37.1	103
262	Coordinated Multiple-Relays Based Physical-Layer Security Improvement: A Single-Leader Multiple-Followers Stackelberg Game Scheme. <i>IEEE Transactions on Information Forensics and Security</i> , 2018 , 13, 197-209	8	27
261	Adaptive Uplink OFDMA Random Access Grouping Scheme for Ultra-Dense Networks in IEEE 802.11ax 2018 ,		11
260	A Low Overhead Angle-based Beamforming Using Multi-Pattern Codebooks for mmWave Massive MIMO Systems 2018 ,		2
259	Multichannel Power Allocation Game against Jammer with Changing Strategy 2018 ,		2

258	Real-Time Intrusion Detection in Network Traffic Using Adaptive and Auto-Scaling Stream Processor 2018 ,		3
257	Machine Learning Aided Scheme for Load Balancing in Dense IoT Networks. <i>Sensors</i> , 2018 , 18,	3.8	17
256	Rateless Multiple Access: Asymptotic Throughput Analysis and Improvement With Spatial Coupling. <i>IEEE Access</i> , 2018 , 6, 63200-63213	3.5	5
255	IEEE Access Special Section Editorial: Communication, Control, and Computation Issues in Heterogeneous Vehicular Networks. <i>IEEE Access</i> , 2018 , 6, 79285-79287	3.5	1
254	Joint CSI Estimation, Beamforming and Scheduling Design for Wideband Massive MIMO System 2018 ,		2
253	Single crystal hybrid perovskite field-effect transistors. <i>Nature Communications</i> , 2018 , 9, 5354	17.4	177
252	. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 10788-10799	6.8	31
251	Nonlinear Polynomial Graph Filter for Signal Processing With Irregular Structures. <i>IEEE Transactions on Signal Processing</i> , 2018 , 66, 6241-6251	4.8	8
250	Joint Radio Resource Allocation and Control for Vehicle Platooning in LTE-V2V Network. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 12218-12230	6.8	34
249	Waveform Design for Kalman Filter-Based Target Scattering Coefficient Estimation in Adaptive Radar System. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 11805-11817	6.8	13
248	INSECS-DCS: A Highly Customizable Network Intrusion Dataset Creation Framework 2018 ,		5
247	Automatic Modulation Classification: A Deep Learning Enabled Approach. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 10760-10772	6.8	128
246	Sequence to Sequence Pattern Learning Algorithm for Real-Time Anomaly Detection in Network Traffic 2018 ,		6
245	Device Grouping for Fast and Efficient Channel Access in IEEE 802.11ah Based IoT Networks 2018 ,		8
244	. <i>IEEE Transactions on Vehicular Technology</i> , 2017 , 66, 941-951	6.8	24
243	Electrochemical Behavior of Graphite Anode in LiF-NaF-KF Eutectic with YF ₃ . <i>Electrochimica Acta</i> , 2017 , 225, 392-398	6.7	7
242	Power allocation and performance analysis of the collaborative NOMA assisted relaying systems in 5G. <i>China Communications</i> , 2017 , 14, 50-60	3	27
241	. <i>IEEE Transactions on Vehicular Technology</i> , 2017 , 66, 6775-6786	6.8	21

240	ATSC 3.0 Transmitter Identification Signals and Applications. <i>IEEE Transactions on Broadcasting</i> , 2017 , 63, 240-249	4.7	18
239	Structured-Compressed-Sensing-Based Impulsive Noise Cancellation for MIMO Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2017 , 66, 6921-6931	6.8	13
238	Towards product customization and personalization in IoT-enabled cloud manufacturing. <i>Cluster Computing</i> , 2017 , 20, 1717-1730	2.1	64
237	LTE in the Unlicensed Band: Overview, Challenges, and Opportunities. <i>IEEE Wireless Communications</i> , 2017 , 24, 99-105	13.4	35
236	Analysis of the vehicle driving stability region based on the bifurcation of the driving torque and the steering angle. <i>Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering</i> , 2017 , 231, 984-998	1.4	12
235	Investigating the influence of U^{4+} in molten $LiCl-KCl-UF_4$ system and electro-deposition of U. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017 , 312, 479-485	1.5	5
234	Cloud-assisted device clustering for lifetime prolongation in wireless IoT networks 2017 ,		6
233	Statistical Analysis and Minimization of Security Vulnerability Region in Amplify-and-Forward Cooperative Systems. <i>IEEE Transactions on Wireless Communications</i> , 2017 , 16, 2534-2547	9.6	6
232	Universal Filtered Multi-Carrier Transmission With Adaptive Active Interference Cancellation. <i>IEEE Transactions on Communications</i> , 2017 , 65, 2554-2567	6.9	15
231	Live Data Analytics With Collaborative Edge and Cloud Processing in Wireless IoT Networks. <i>IEEE Access</i> , 2017 , 5, 4621-4635	3.5	143
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5	On the comparison between conventional OFDM and MSE-OFDM systems	13
4	A channel characterization technique using frequency-domain pilot time-domain correlation method for DVB-T systems	1
3	System design and implementation of multiple-symbol encapsulated OFDM	1
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