

Jun Li

List of Publications by Year in descending order

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186
papers

7,124
citations

87888

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64796

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187
docs citations

187
times ranked

4738
citing authors

#	ARTICLE	IF	CITATIONS
1	Federated Learning With Differential Privacy: Algorithms and Performance Analysis. IEEE Transactions on Information Forensics and Security, 2020, 15, 3454-3469.	6.9	773
2	Simultaneous Wireless Information and Power Transfer (SWIPT): Recent Advances and Future Challenges. IEEE Communications Surveys and Tutorials, 2018, 20, 264-302.	39.4	585
3	6G Internet of Things: A Comprehensive Survey. IEEE Internet of Things Journal, 2022, 9, 359-383.	8.7	366
4	Federated Learning for Internet of Things: A Comprehensive Survey. IEEE Communications Surveys and Tutorials, 2021, 23, 1622-1658.	39.4	365
5	Federated Learning Meets Blockchain in Edge Computing: Opportunities and Challenges. IEEE Internet of Things Journal, 2021, 8, 12806-12825.	8.7	255
6	UAV-Enabled Secure Communications: Joint Trajectory and Transmit Power Optimization. IEEE Transactions on Vehicular Technology, 2019, 68, 4069-4073.	6.3	183
7	Achieving Covert Wireless Communications Using a Full-Duplex Receiver. IEEE Transactions on Wireless Communications, 2018, 17, 8517-8530.	9.2	155
8	Path Planning for UAV-Mounted Mobile Edge Computing With Deep Reinforcement Learning. IEEE Transactions on Vehicular Technology, 2020, 69, 5723-5728.	6.3	149
9	Artificial-Noise-Aided Secure Transmission With Directional Modulation Based on Random Frequency Diverse Arrays. IEEE Access, 2017, 5, 1658-1667.	4.2	148
10	On Safeguarding Privacy and Security in the Framework of Federated Learning. IEEE Network, 2020, 34, 242-248.	6.9	147
11	Pricing and Resource Allocation via Game Theory for a Small-Cell Video Caching System. IEEE Journal on Selected Areas in Communications, 2016, 34, 2115-2129.	14.0	140
12	Low-Complexity and High-Resolution DOA Estimation for Hybrid Analog and Digital Massive MIMO Receive Array. IEEE Transactions on Communications, 2018, 66, 2487-2501.	7.8	134
13	Covert Communication Achieved by a Greedy Relay in Wireless Networks. IEEE Transactions on Wireless Communications, 2018, 17, 4766-4779.	9.2	129
14	Distributed Caching for Data Dissemination in the Downlink of Heterogeneous Networks. IEEE Transactions on Communications, 2015, 63, 3553-3568.	7.8	122
15	Joint Optimization of a UAV's Trajectory and Transmit Power for Covert Communications. IEEE Transactions on Signal Processing, 2019, 67, 4276-4290.	5.3	122
16	Cost-Driven Off-Loading for DNN-Based Applications Over Cloud, Edge, and End Devices. IEEE Transactions on Industrial Informatics, 2020, 16, 5456-5466.	11.3	115
17	Robust Synthesis Method for Secure Directional Modulation With Imperfect Direction Angle. IEEE Communications Letters, 2016, 20, 1084-1087.	4.1	104
18	Resource Allocation for Joint Transmitter and Receiver Energy Efficiency Maximization in Downlink OFDMA Systems. IEEE Transactions on Communications, 2015, 63, 416-430.	7.8	94

#	ARTICLE	IF	CITATIONS
19	User-Centric Energy Efficiency Maximization for Wireless Powered Communications. IEEE Transactions on Wireless Communications, 2016, 15, 6898-6912.	9.2	88
20	Secure and Precise Wireless Transmission for Random-Subcarrier-Selection-Based Directional Modulation Transmit Antenna Array. IEEE Journal on Selected Areas in Communications, 2018, 36, 890-904.	14.0	88
21	Robust Synthesis Scheme for Secure Multi-Beam Directional Modulation in Broadcasting Systems. IEEE Access, 2016, 4, 6614-6623.	4.2	85
22	Enabling AI in Future Wireless Networks: A Data Life Cycle Perspective. IEEE Communications Surveys and Tutorials, 2021, 23, 553-595.	39.4	75
23	User-Level Privacy-Preserving Federated Learning: Analysis and Performance Optimization. IEEE Transactions on Mobile Computing, 2022, 21, 3388-3401.	5.8	75
24	Joint Beamforming Design and Power Splitting Optimization in IRS-Assisted SWIPT NOMA Networks. IEEE Transactions on Wireless Communications, 2022, 21, 2019-2033.	9.2	73
25	Efficient Video Pricing and Caching in Heterogeneous Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 8744-8751.	6.3	69
26	User Association and Path Planning for UAV-Aided Mobile Edge Computing With Energy Restriction. IEEE Wireless Communications Letters, 2019, 8, 1312-1315.	5.0	69
27	On-Demand Ultra-Dense Cloud Drone Networks: Opportunities, Challenges and Benefits. IEEE Communications Magazine, 2018, 56, 85-91.	6.1	64
28	Blockchain Assisted Decentralized Federated Learning (BLADE-FL): Performance Analysis and Resource Allocation. IEEE Transactions on Parallel and Distributed Systems, 2022, 33, 2401-2415.	5.6	60
29	Design of Contract-Based Trading Mechanism for a Small-Cell Caching System. IEEE Transactions on Wireless Communications, 2017, 16, 6602-6617.	9.2	57
30	Covert Wireless Communications With Channel Inversion Power Control in Rayleigh Fading. IEEE Transactions on Vehicular Technology, 2019, 68, 12135-12149.	6.3	56
31	A Cramer-Rao Lower Bound of CSI-Based Indoor Localization. IEEE Transactions on Vehicular Technology, 2018, 67, 2814-2818.	6.3	54
32	Dynamic Content Update for Wireless Edge Caching via Deep Reinforcement Learning. IEEE Communications Letters, 2019, 23, 1773-1777.	4.1	50
33	A Commercial Video-Caching System for Small-Cell Cellular Networks Using Game Theory. IEEE Access, 2016, 4, 7519-7531.	4.2	49
34	Covert Communications with a Full-Duplex Receiver over Wireless Fading Channels. , 2018, , .		48
35	Wireless Powered Communications With Initial Energy: QoS Guaranteed Energy-Efficient Resource Allocation. IEEE Communications Letters, 2015, 19, 2278-2281.	4.1	47
36	On Social-Aware Content Caching for D2D-Enabled Cellular Networks With Matching Theory. IEEE Internet of Things Journal, 2019, 6, 297-310.	8.7	46

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37	Enhanced Secrecy Rate Maximization for Directional Modulation Networks via IRS. IEEE Transactions on Communications, 2021, 69, 8388-8401.	7.8	46
38	Joint User Association and Resource Allocation in the Downlink of Heterogeneous Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 5701-5706.	6.3	45
39	Design of Hybrid Wireless and Power Line Sensor Networks With Dual-Interface Relay in IoT. IEEE Internet of Things Journal, 2019, 6, 239-249.	8.7	45
40	UAV-Enabled Covert Wireless Data Collection. IEEE Journal on Selected Areas in Communications, 2021, 39, 3348-3362.	14.0	41
41	Task Offloading for UAV-based Mobile Edge Computing via Deep Reinforcement Learning. , 2018, , .		39
42	IRS-Aided WPCNs: A New Optimization Framework for Dynamic IRS Beamforming. IEEE Transactions on Wireless Communications, 2022, 21, 4725-4739.	9.2	38
43	User Association With Unequal User Priorities in Heterogeneous Cellular Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 7374-7388.	6.3	37
44	Wireless Energy Harvesting Assisted Two-Way Cognitive Relay Networks: Protocol Design and Performance Analysis. IEEE Access, 2017, 5, 21447-21460.	4.2	37
45	A Compressive Sensing Approach for Federated Learning Over Massive MIMO Communication Systems. IEEE Transactions on Wireless Communications, 2021, 20, 1990-2004.	9.2	36
46	Reconfigurable Intelligent Surface (RIS)-Enhanced Two-Way OFDM Communications. IEEE Transactions on Vehicular Technology, 2020, 69, 16270-16275.	6.3	36
47	Robust Secure Transmission of Using Main-Lobe-Integration-Based Leakage Beamforming in Directional Modulation MU-MIMO Systems. IEEE Systems Journal, 2018, 12, 3775-3785.	4.6	35
48	Privacy Preserving Location Data Publishing: A Machine Learning Approach. IEEE Transactions on Knowledge and Data Engineering, 2021, 33, 3270-3283.	5.7	34
49	Pilot Optimization, Channel Estimation, and Optimal Detection for Full-Duplex OFDM Systems With IQ Imbalances. IEEE Transactions on Vehicular Technology, 2017, 66, 6993-7009.	6.3	33
50	Privacy Preservation in Location-Based Services: A Novel Metric and Attack Model. IEEE Transactions on Mobile Computing, 2021, 20, 3006-3019.	5.8	33
51	Dynamic Virtual Resource Allocation for 5G and Beyond Network Slicing. IEEE Open Journal of Vehicular Technology, 2020, 1, 215-226.	4.9	33
52	Joint Task Offloading and Caching for Massive MIMO-Aided Multi-Tier Computing Networks. IEEE Transactions on Communications, 2022, 70, 1820-1833.	7.8	32
53	Network Coded LDPC Code Design for a Multi-Source Relaying System. IEEE Transactions on Wireless Communications, 2011, 10, 1538-1551.	9.2	31
54	Contract-Based Small-Cell Caching for Data Disseminations in Ultra-Dense Cellular Networks. IEEE Transactions on Mobile Computing, 2019, 18, 1042-1053.	5.8	31

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55	Approximate Analytic Quadratic-Optimization Solution for TDOA-Based Passive Multi-Satellite Localization With Earth Constraint. IEEE Access, 2016, 4, 9283-9292.	4.2	30
56	Caching Transient Content for IoT Sensing: Multi-Agent Soft Actor-Critic. IEEE Transactions on Communications, 2021, 69, 5886-5901.	7.8	29
57	Robust Beamforming Design and Time Allocation for IRS-Assisted Wireless Powered Communication Networks. IEEE Transactions on Communications, 2022, 70, 2838-2852.	7.8	28
58	Beamforming Design for IRS-Aided Decode-and-Forward Relay Wireless Network. IEEE Transactions on Green Communications and Networking, 2022, 6, 198-207.	5.5	27
59	Capacity Performance of Relay Beamformings for MIMO Multirelay Networks With Imperfect $\{\text{cal R}\}\text{-}\{\text{cal D}\}$ CSI at Relays. IEEE Transactions on Vehicular Technology, 2011, 60, 2608-2619.	6.3	24
60	Efficient Beamforming for MIMO Relaying Broadcast Channel With Imperfect Channel Estimation. IEEE Transactions on Vehicular Technology, 2012, 61, 419-426.	6.3	24
61	On the Incentive Mechanisms for Commercial Edge Caching in 5G Wireless Networks. IEEE Wireless Communications, 2018, 25, 72-78.	9.0	24
62	Computation Offloading With Instantaneous Load Billing for Mobile Edge Computing. IEEE Transactions on Services Computing, 2022, 15, 1473-1485.	4.6	24
63	Wireless Powered Mobile Edge Computing: Dynamic Resource Allocation and Throughput Maximization. IEEE Transactions on Mobile Computing, 2022, 21, 2271-2288.	5.8	24
64	Full-Diversity Binary Frame-Wise Network Coding for Multiple-Source Multiple-Relay Networks Over Slow-Fading Channels. IEEE Transactions on Vehicular Technology, 2012, 61, 1346-1360.	6.3	23
65	A WPT-Enabled UAV-Assisted Condition Monitoring Scheme for Wireless Sensor Networks. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 5112-5126.	8.0	23
66	Probabilistic Caching for Small-Cell Networks With Terrestrial and Aerial Users. IEEE Transactions on Vehicular Technology, 2019, 68, 9162-9177.	6.3	21
67	High-Performance Power Allocation Strategies for Secure Spatial Modulation. IEEE Transactions on Vehicular Technology, 2019, 68, 5164-5168.	6.3	21
68	Two-Tier Matching Game in Small Cell Networks for Mobile Edge Computing. IEEE Transactions on Services Computing, 2022, 15, 254-265.	4.6	21
69	Heterogeneous User-Centric Cluster Migration Improves the Connectivity-Handover Trade-Off in Vehicular Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 16027-16043.	6.3	21
70	Distributed Vehicle Tracking in Wireless Sensor Network: A Fully Decentralized Multiagent Reinforcement Learning Approach. , 2021, 5, 1-4.		21
71	Multi-Agent Reinforcement Learning for Cooperative Coded Caching via Homotopy Optimization. IEEE Transactions on Wireless Communications, 2021, 20, 5258-5272.	9.2	21
72	Low-Latency Federated Learning Over Wireless Channels With Differential Privacy. IEEE Journal on Selected Areas in Communications, 2022, 40, 290-307.	14.0	21

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73	Power Allocation Strategy of Maximizing Secrecy Rate for Secure Directional Modulation Networks. IEEE Access, 2018, 6, 38794-38801.	4.2	20
74	Toward 5G Wireless Interface Technology: Enabling Nonorthogonal Multiple Access in the Sparse Code Domain. IEEE Vehicular Technology Magazine, 2018, 13, 18-27.	3.4	20
75	Novel Soft Information Forwarding Protocols in Two-Way Relay Channels. IEEE Transactions on Vehicular Technology, 2013, 62, 2374-2381.	6.3	19
76	On Impact of Earth Constraint on TDOA-Based Localization Performance in Passive Multisatellite Localization Systems. IEEE Systems Journal, 2018, 12, 3861-3864.	4.6	19
77	Popularity-Aware Online Task Offloading for Heterogeneous Vehicular Edge Computing Using Contextual Clustering of Bandits. IEEE Internet of Things Journal, 2022, 9, 5422-5433.	8.7	19
78	Joint Design of Energy-Efficient Clustering and Data Recovery for Wireless Sensor Networks. IEEE Access, 2017, 5, 3646-3656.	4.2	18
79	A Super Base Station Architecture for Future Ultra-Dense Cellular Networks: Toward Low Latency and High Energy Efficiency. , 2018, 56, 35-41.		18
80	Joint Semi-Blind Channel Estimation and Synchronization in Two-Way Relay Networks. IEEE Transactions on Vehicular Technology, 2014, 63, 3276-3293.	6.3	17
81	Pilot Optimization and Power Allocation for OFDM-Based Full-Duplex Relay Networks With IQ-Imbalances. IEEE Access, 2017, 5, 24344-24352.	4.2	17
82	Asymmetric Satellite-Underwater Visible Light Communication System for Oceanic Monitoring. IEEE Access, 2019, 7, 133342-133350.	4.2	17
83	Secure SWIPT for Directional Modulation-Aided AF Relaying Networks. IEEE Journal on Selected Areas in Communications, 2019, 37, 253-268.	14.0	17
84	Federated Learning With Unreliable Clients: Performance Analysis and Mechanism Design. IEEE Internet of Things Journal, 2021, 8, 17308-17319.	8.7	16
85	Distributed caching based on decentralized learning automata. , 2015, , .		15
86	Secure precise transmission with multi-relay-aided directional modulation. , 2017, , .		15
87	Power Adaptive Network Coding for a Non-Orthogonal Multiple-Access Relay Channel. IEEE Transactions on Communications, 2014, 62, 872-887.	7.8	14
88	A Novel Precoding and Impulsive Noise Mitigation Scheme for MIMO Power Line Communication Systems. IEEE Systems Journal, 2019, 13, 6-17.	4.6	14
89	Energy-Efficient Task Offloading in Massive MIMO-Aided Multi-Pair Fog-Computing Networks. IEEE Transactions on Communications, 2021, 69, 2123-2137.	7.8	14
90	Design of Physical Layer Network Coded LDPC Code for a Multiple-Access Relaying System. IEEE Communications Letters, 2013, 17, 749-752.	4.1	13

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91	Resource Trading for a Small-Cell Caching System: A Contract-Theory Based Approach. , 2017, , .		13
92	On the Auction-Based Resource Trading for a Small-Cell Caching System. IEEE Communications Letters, 2017, 21, 1473-1476.	4.1	13
93	Dynamic Reuse of Unlicensed Spectrum: An Inter-Working of LTE and WiFi. IEEE Wireless Communications, 2017, 24, 52-59.	9.0	13
94	Achieving Maximum Reliability in Deadline-Constrained Random Access With Multiple-Packet Reception. IEEE Transactions on Vehicular Technology, 2019, 68, 5997-6008.	6.3	13
95	Content-Centric Heterogeneous Fog Networks Relying on Energy Efficiency Optimization. IEEE Transactions on Vehicular Technology, 2020, 69, 13579-13592.	6.3	13
96	Joint optimization of power control and time slot allocation for wireless body area networks via deep reinforcement learning. Wireless Networks, 2020, 26, 4507-4516.	3.0	13
97	Distributed Learning for Wireless Communications: Methods, Applications and Challenges. IEEE Journal on Selected Topics in Signal Processing, 2022, 16, 326-342.	10.8	13
98	Soft Information Relaying in Fading Channels. IEEE Wireless Communications Letters, 2012, 1, 233-236.	5.0	12
99	Path Planning for the Dynamic UAV-Aided Wireless Systems Using Monte Carlo Tree Search. IEEE Transactions on Vehicular Technology, 2022, 71, 6716-6721.	6.3	12
100	Performance Analysis of the Idle Mode Capability in a Dense Heterogeneous Cellular Network. IEEE Transactions on Communications, 2018, 66, 3959-3973.	7.8	11
101	Joint Constellation-Labeling Optimization for VLC-CSK Systems. IEEE Wireless Communications Letters, 2019, 8, 1280-1284.	5.0	11
102	Congestion aware dynamic user association in Heterogeneous cellular network: A stochastic decision approach. , 2014, , .		10
103	Robust Joint Source-Relay-Destination Design Under Per-Antenna Power Constraints. IEEE Transactions on Signal Processing, 2015, 63, 2639-2649.	5.3	10
104	A Blind Adaptive Tuning Algorithm for Reliable and Energy-Efficient Communication in IEEE 802.15.4 Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 8605-8609.	6.3	10
105	A Small-Cell Caching System in Mobile Cellular Networks With LoS and NLoS Channels. IEEE Access, 2017, 5, 1296-1305.	4.2	10
106	Collaborative Intelligent Reflecting Surface Networks With Multi-Agent Reinforcement Learning. IEEE Journal on Selected Topics in Signal Processing, 2022, 16, 532-545.	10.8	10
107	Stability Analysis of Discrete Hopfield Neural Networks with the Nonnegative Definite Monotone Increasing Weight Function Matrix. Discrete Dynamics in Nature and Society, 2009, 2009, 1-10.	0.9	9
108	Performance analysis for a two-way relaying power line network with analog network coding. Frontiers of Information Technology and Electronic Engineering, 2015, 16, 892-898.	2.6	9

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109	Learning automaton based distributed caching for mobile social networks. , 2016, , .		9
110	Generalized p -Persistent CSMA for Asynchronous Multiple-Packet Reception. IEEE Transactions on Communications, 2019, 67, 6966-6979.	7.8	9
111	Contract-Based Approach for Security Deposit in Blockchain Networks with Shards. , 2019, , .		9
112	Incentive Mechanism Design for Two-Layer Wireless Edge Caching Networks Using Contract Theory. IEEE Transactions on Services Computing, 2021, 14, 1426-1438.	4.6	9
113	LDPC codes for soft decode-and-forward in half-duplex relay channels. IEEE Journal on Selected Areas in Communications, 2013, 31, 1402-1413.	14.0	8
114	Design of Generalized Analog Network Coding for a Multiple-Access Relay Channel. IEEE Transactions on Communications, 2014, , 1-1.	7.8	8
115	Design and analysis of the covert channel implemented by behaviors of network users. Security and Communication Networks, 2016, 9, 2359-2370.	1.5	8
116	A Soft-Network-Coded Multilevel Forwarding Scheme for Multiple-Access Relay Systems. IEEE Transactions on Vehicular Technology, 2016, 65, 3430-3439.	6.3	8
117	Distributed file allocation using matching game in mobile fog-caching service network. , 2018, , .		8
118	Uplink Performance Analysis of UAV User Equipments in Dense Cellular Networks. , 2019, , .		8
119	Fast ambiguous DOA elimination method of DOA measurement for hybrid massive MIMO receiver. Science China Information Sciences, 2022, 65, 1.	4.3	8
120	Continuously tunable fiber laser based on Fano resonance filter of thin-fiber-taper-coupled conical microresonator. Optics Communications, 2020, 466, 125629.	2.1	7
121	Asymmetric Quantum Concatenated and Tensor Product Codes With Large Z -Distances. IEEE Transactions on Communications, 2021, 69, 3971-3983.	7.8	7
122	Stability Analysis of Discrete Hopfield Neural Networks with Weight Function Matrix. Lecture Notes in Computer Science, 2008, , 760-768.	1.3	7
123	Novel nested convolutional lattice codes for multi-way relaying systems over fading channels. , 2013, , .		6
124	A multilevel soft quantize-and-forward scheme for multiple access relay systems. , 2014, , .		6
125	Green MU-MIMO/SIMO Switching for Heterogeneous Delay-Aware Services With Constellation Optimization. IEEE Transactions on Communications, 2016, 64, 1984-1995.	7.8	6
126	A cooperative modulation recognition: New paradigm for power line networks in smart grid. Physical Communication, 2017, 25, 268-276.	2.1	6

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127	Cumulant-based blind cooperative spectrum sensing method for cognitive radio. Physical Communication, 2018, 29, 343-349.	2.1	6
128	Training Beam Sequence Design for Multiuser Millimeter Wave Tracking Systems. IEEE Transactions on Communications, 2021, 69, 6939-6955.	7.8	6
129	Adaptive Traffic Signal Control Using Distributed MARL and Federated Learning. , 2020, , .		6
130	Federated Learning-Based Localization With Heterogeneous Fingerprint Database. IEEE Wireless Communications Letters, 2022, 11, 1364-1368.	5.0	6
131	Entanglement-assisted concatenated quantum codes. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	6
132	Delay-Dependent Stability Criterion of Arbitrary Switched Linear Systems with Time-Varying Delay. Discrete Dynamics in Nature and Society, 2010, 2010, 1-16.	0.9	5
133	Achieving Global Optimality for Joint Source and Relay Beamforming Design in Two-Hop Relay Channels. IEEE Transactions on Vehicular Technology, 2014, 63, 4422-4435.	6.3	5
134	Generalized Binary Representation for the Nonbinary LDPC Code With Decoder Design. IEEE Transactions on Communications, 2014, 62, 3070-3083.	7.8	5
135	LDPC coded soft forwarding with network coding for the two-way relay channel. , 2014, , .		5
136	Energy-Efficient Wireless Powered Secure Transmission With Cooperative Jamming for Public Transportation. IEEE Transactions on Green Communications and Networking, 2019, 3, 876-885.	5.5	5
137	Tunable Oscillating Fano Spectra in a Fiber Taper Coupled Conical Microresonator. IEEE Photonics Journal, 2019, 11, 1-7.	2.0	5
138	Covert Wireless Data Collection Based on Unmanned Aerial Vehicles. , 2019, , .		5
139	Heterogeneous Computational Resource Allocation for C-RAN: A Contract-Theoretic Approach. IEEE Transactions on Services Computing, 2021, 14, 2026-2040.	4.6	5
140	Robust Directional Modulation Design for Secrecy Rate Maximization in Multiuser Networks. IEEE Systems Journal, 2020, 14, 3150-3160.	4.6	5
141	Joint Rate and Fairness Improvement Based on Adaptive Weighted Graph Matrix for Uplink SCMA With Randomly Distributed Users. IEEE Transactions on Communications, 2021, 69, 3106-3118.	7.8	5
142	Low complexity energy-efficient design for OFDMA systems with an elaborate power model. , 2014, , .		4
143	Threshold-Based One-Bit Soft Forwarding for a Network Coded Multi-Source Single-Relay System. IEEE Transactions on Communications, 2014, 62, 1604-1620.	7.8	4
144	A Double-CNN BP Decoder on Fast Fading Channels Using Correlation Information. , 2019, , .		4

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145	Page-Based Dynamic Partitioning Scheduling for LDPC Decoding in MLC NAND Flash Memory. IEEE Transactions on Circuits and Systems II: Express Briefs, 2019, 66, 2082-2086.	3.0	4
146	High-sensitivity temperature sensor based on Fano resonance in an optofluidic microcapillary resonator. Applied Optics, 2020, 59, 1259.	1.8	4
147	On Dynamic Resource Allocation for Blockchain Assisted Federated Learning over Wireless Channels. , 2021, , .		4
148	Compressive Soft Forwarding in Network-Coded Multiple-Access Relay Channels. IEEE Transactions on Vehicular Technology, 2015, 64, 2138-2144.	6.3	3
149	Wireless network coding design based on LDPC codes for a multiple-access relaying system. Transactions on Emerging Telecommunications Technologies, 2015, 26, 380-388.	3.9	3
150	Computational Task Offloading in Mobile Edge Computing using Learning Automata. , 2018, , .		3
151	Sum-MSE Gain of DFT-Based Channel Estimator Over Frequency-Domain LS One in Full-Duplex OFDM Systems. IEEE Systems Journal, 2019, 13, 1231-1240.	4.6	3
152	Mobile User Trajectory Tracking for IRS Enabled Wireless Networks. IEEE Transactions on Vehicular Technology, 2021, 70, 8331-8336.	6.3	3
153	Linear Network Coded Wireless Caching in Cloud Radio Access Network. IEEE Transactions on Communications, 2020, , 1-1.	7.8	3
154	Analysis of Mutual Information Based Soft Forwarding Relays in AWGN Channels. , 2011, , .		2
155	Distributed Space-Time Code with Mutual Information Based Soft Information Relaying. IEEE Communications Letters, 2013, 17, 2276-2279.	4.1	2
156	Wireless Powered Communications: Industry Demands and a User-Centric Energy-Efficient Approach. , 2015, , .		2
157	Achieving Optimality in Robust Joint Optimization of Linear Transceiver Design. IEEE Transactions on Vehicular Technology, 2016, 65, 1814-1819.	6.3	2
158	Design and Analysis of an Energy-Efficient CSMA Protocol for Asynchronous Multiple-Packet Reception. IEEE Access, 2017, , 1-1.	4.2	2
159	Read-Voltage Optimization for Finite Code Length in MLC NAND Flash Memory. , 2018, , .		2
160	A Multi-Rounds Double Auction Based Resource Trading for Small-Cell Caching System. , 2018, , .		2
161	Machine Learning Aided Anonymization of Spatiotemporal Trajectory Datasets. , 2019, , .		2
162	Energy-Efficient Multi-Tier Caching and Node Association in Heterogeneous Fog Networks. , 2020, , .		2

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163	On Resource Allocation for Network Slicing with Stackelberg Game. , 2021, , .		2
164	A soft information delivery scheme in two-way relay channels with network coding. , 2013, , .		1
165	Contract-Based Trading on Parallel Computing Resources for Cellular Networks with Virtualized Base Stations. , 2018, , .		1
166	Design and Performance Analysis of Power Line Communication Networks Under Impulsive Noise in Smart Home. IEEE Access, 2018, 6, 71368-71377.	4.2	1
167	Generalized Beamforming Design for Cooperative MIMO Multirelay Networks with Infinite Constraints and Imperfect CSI. Mathematical Problems in Engineering, 2018, 2018, 1-8.	1.1	1
168	Distributed resource allocation in caching-enabled heterogeneous cellular networks based on matching theory. CCF Transactions on Networking, 2019, 2, 57-68.	1.1	1
169	Differentially Private Federated Learning: Algorithm, Analysis and Optimization. Studies in Computational Intelligence, 2021, , 51-78.	0.9	1
170	Social-Aware Data Caching Mechanism in D2D-Enabled Cellular Networks. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 650-662.	0.3	1
171	Multisource SWIPT-based coded cooperation:rate compatible codes and codeword splitting protocol. Eurasip Journal on Wireless Communications and Networking, 2020, 2020, .	2.4	1
172	DNN-aided read-voltage threshold optimization for MLC flash memory with finite block length. IET Communications, 2022, 16, 120-130.	2.2	1
173	On Sidechain-Assisted Transaction Service Management for Internet of Things: A Random Contract Approach. IEEE Transactions on Network Science and Engineering, 2022, 9, 3437-3453.	6.4	1
174	Delay-Dependent Stability Criteria of Uncertain Periodic Switched Recurrent Neural Networks with Time-Varying Delays. Discrete Dynamics in Nature and Society, 2011, 2011, 1-14.	0.9	0
175	One-bit soft forwarding for network coded uplink channels with multiple sources. , 2014, , .		0
176	Soft information forwarding design for a two-way relaying channel. , 2014, , .		0
177	Network coded soft forwarding for multiple access relay channels with compressive sensing. , 2014, , .		0
178	Network coded non-binary LDGM codes based on lattices for a multi-access relay system. , 2015, , .		0
179	Adaptive robust beamformer for multi-pair two-way relay networks with imperfect channel state information. Frontiers of Information Technology and Electronic Engineering, 2016, 17, 265-280.	2.6	0
180	Spatial channel pairing based coherent combining for relay networks. Frontiers of Information Technology and Electronic Engineering, 2016, 17, 938-945.	2.6	0

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181	Two-Tier Matching Game Design for Wireless Caching in Pico-Cell Networks. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 663-674.	0.3	0
182	Incomplete Contract-Based Ownership Allocation for Operator in Mobile Edge Computing. , 2018, , .		0
183	Asymmetric Decentralized Caching With Coded Prefetching Under Nonuniform Requests. IEEE Systems Journal, 2022, 16, 197-208.	4.6	0
184	Mobility Prediction-Based Wireless Edge Caching Using Deep Reinforcement Learning. , 2021, , .		0
185	Distributed Deep Reinforcement Learning-Based Content Caching in Edge Computing-Enabled Blockchain Networks. , 2021, , .		0
186	Editorial: Introduction to the Issue on Distributed Machine Learning for Wireless Communication. IEEE Journal on Selected Topics in Signal Processing, 2022, 16, 320-325.	10.8	0