

Yonghui Li

List of PR Articles by Year in descending order

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PR articles

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PR citations

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documents

20568

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8910

70

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13461

citing authors

#	ARTICLE	IF	PR CITATIONS
1	Static Deep Q-Learning for Green Downlink C-RAN. IEEE Transactions on Green Communications and Networking, 2025, 9, 291-303.	5.4	1
2	Dual-Path Beam Tracking for Service Continuity of Ultra-Reliable and Low-Latency Communications. IEEE Transactions on Communications, 2025, 73, 524-539.	6.2	3
3	Frozen Set Design for Precoded Polar Codes. IEEE Transactions on Communications, 2025, 73, 77-92.	6.2	6
4	Customized Branched Neural Network-Aided Shuffled Min-Sum Decoder for Protograph LDPC Codes. IEEE Transactions on Vehicular Technology, 2025, 74, 1399-1415.	5.8	0
5	Graphic Deep Reinforcement Learning for Dynamic Resource Allocation in Space-Air-Ground Integrated Networks. IEEE Journal on Selected Areas in Communications, 2025, 43, 334-349.	11.1	16
6	Meta-Learning for Graph Neural Network-Based Power Allocation in LEO Satellite Communications. IEEE Transactions on Vehicular Technology, 2025, 74, 3497-3502.	5.8	4
7	When Distributed Consensus Meets Wireless Connected Autonomous Systems: A Review and a DAG-Based Approach. IEEE Network, 2025, 39, 261-269.	3.6	3
8	Age of Information in Internet of Vehicles: A Discrete-Time Multisource Queueing Model. IEEE Transactions on Communications, 2025, 73, 3298-3317.	6.2	4
9	Low-Complexity Polar-Coded Iterative OTFS Receiver. IEEE Communications Letters, 2025, 29, 60-64.	3.5	3
10	Secure Transceiver Design for Discrete RIS Enhanced Dual-Functional Radar-Communication: A Symbol-Level Precoding Approach. IEEE Wireless Communications Letters, 2025, 14, 1034-1038.	4.2	2
11	On Hybrid Detection of Wireless Communications Over Interference Channels: A Generalized Framework. IEEE Journal on Selected Areas in Communications, 2025, 43, 1214-1229.	11.1	2
12	Movable Antenna Enabled ISAC Beamforming Design for Low-Altitude Airborne Vehicles. IEEE Wireless Communications Letters, 2025, 14, 1311-1315.	4.2	27
13	Generalized Index Redefinition-Based Sparse Mapping for Sparse Vector Transmission. IEEE Transactions on Communications, 2025, 73, 5920-5934.	6.2	0
14	Weighted Sum Rate Enhancement by Using Dual-Side IOS-Assisted Full-Duplex for Multiuser MIMO Systems. IEEE Internet of Things Journal, 2025, 12, 19561-19573.	7.0	1
15	GNN-Assisted BiG-AMP: Joint Channel Estimation and Data Detection for Massive MIMO Receiver. IEEE Transactions on Wireless Communications, 2025, 24, 4631-4646.	8.4	4
16	Dynamic Blockchain-Empowered Trustworthy End-Edge Collaborative Computing via Rotating Multi-Agent DRL. IEEE Transactions on Wireless Communications, 2025, 24, 4864-4878.	8.4	5
17	Intelligent Reflecting Surface Assisted Secure Computation of Wireless Powered MEC System. IEEE Transactions on Mobile Computing, 2024, 23, 3048-3059.	6.9	27
18	Signal Detection in MIMO Systems With Hardware Imperfections: Message Passing on Neural Networks. IEEE Transactions on Wireless Communications, 2024, 23, 820-834.	8.4	12

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19	Structure-Enhanced DRL for Optimal Transmission Scheduling. IEEE Transactions on Wireless Communications, 2024, 23, 379-393.	8.4	16
20	Deep Learning for Wireless-Networked Systems: A Joint Estimation-Control Scheduling Approach. IEEE Internet of Things Journal, 2024, 11, 4535-4550.	7.0	17
21	A UAV-Aided Physical Layer Authentication Based on Channel Characteristics and Geographical Locations. IEEE Transactions on Vehicular Technology, 2024, 73, 1053-1064.	5.8	16
22	Blind Grant-Free Random Access With Message-Passing-Based Matrix Factorization in mmWave MIMO mMTC. IEEE Internet of Things Journal, 2024, 11, 4815-4825.	7.0	10
23	Hybrid Model Predictive Control for Unmanned Ground Vehicles. IEEE Transactions on Intelligent Vehicles, 2024, 9, 1537-1546.	10.3	11
24	Unsupervised Learning for Ultra-Reliable and Low-Latency Communications With Practical Channel Estimation. IEEE Transactions on Wireless Communications, 2024, 23, 3633-3647.	8.4	1
25	A Neural Network-Aided Detection Scheme for Index-Modulation DCSK System. IEEE Transactions on Vehicular Technology, 2024, 73, 2109-2121.	5.8	18
26	MF-OAMP-Based Joint Channel Estimation and Data Detection for OTFS Systems. IEEE Transactions on Vehicular Technology, 2024, 73, 2948-2953.	5.8	9
27	Distributed Split Learning for Map-Based Signal Strength Prediction Empowered by Deep Vision Transformer. IEEE Transactions on Vehicular Technology, 2024, 73, 2358-2373.	5.8	5
28	Inverse Reinforcement Learning With Graph Neural Networks for Full-Dimensional Task Offloading in Edge Computing. IEEE Transactions on Mobile Computing, 2024, 23, 6490-6507.	6.9	8
29	Elevation Angle-Dependent 3D Trajectory Design for Aerial RIS-Aided Communication. IEEE Transactions on Intelligent Transportation Systems, 2024, 25, 2696-2702.	7.9	9
30	Model-Driven IEP-GNN Framework for MIMO Detection With Bayesian Optimization. IEEE Wireless Communications Letters, 2024, 13, 387-391.	4.2	10
31	Design of Compactly Specified Polar Codes With Dynamic Frozen Bits Based on Reinforcement Learning. IEEE Transactions on Communications, 2024, 72, 1257-1272.	6.2	12
32	Deep Reinforcement Learning-Based Resource Allocation for RSMA in LEO Satellite-Terrestrial Networks. IEEE Transactions on Communications, 2024, 72, 1341-1354.	6.2	37
33	Dynamic Task Offloading in Distributed VEC Networks: An Exploration and Exploitation Assisted Contract-Theoretic Approach. IEEE Transactions on Vehicular Technology, 2024, 73, 5717-5729.	5.8	14
34	Secure Multi-Layer MEC Systems With UAV-Enabled Reconfigurable Intelligent Surface Against Full-Duplex Eavesdropper. IEEE Transactions on Communications, 2024, 72, 1565-1577.	6.2	30
35	Cost-Effective Multi-Type Data Scheduling for Blockchain in Massive Internet of UAVs. IEEE Internet of Things Journal, 2024, 11, 21092-21102.	7.0	6
36	Secure Deep Reinforcement Learning for Dynamic Resource Allocation in Wireless MEC Networks. IEEE Transactions on Communications, 2024, 72, 1414-1427.	6.2	18

#	ARTICLE	IF	PR CITATIONS
37	Rate Maximization of UAV-Assisted Ambient Backscatter Communications. IEEE Wireless Communications Letters, 2024, 13, 706-710.	4.2	5
38	Neural Network-Based Adaptive Polar Coding. IEEE Transactions on Communications, 2024, 72, 1881-1894.	6.2	10
39	A Survey on the Impact of Intelligent Surfaces in the Terahertz Communication Channel Models. Sensors, 2024, 24, 33.	3.1	8
40	Hybrid NOMA Assisted Integrated Sensing and Communication via RIS. IEEE Transactions on Vehicular Technology, 2024, 73, 7368-7373.	5.8	25
41	Delay and Energy-Efficient Asynchronous Federated Learning for Intrusion Detection in Heterogeneous Industrial Internet of Things. IEEE Internet of Things Journal, 2024, 11, 14739-14754.	7.0	12
42	Deep Reinforcement Learning for Online Resource Allocation in Network Slicing. IEEE Transactions on Mobile Computing, 2024, 23, 7099-7116.	6.9	34
43	Human-Centric Irregular RIS-Assisted Multi-UAV Networks With Resource Allocation and Reflecting Design for Metaverse. IEEE Journal on Selected Areas in Communications, 2024, 42, 603-615.	11.1	20
44	Three-Dimensional Constellation-Assisted DCSK System: A New Design for High-Rate Chaotic Communication. IEEE Transactions on Communications, 2024, 72, 3199-3210.	6.2	8
45	Task Offloading Oriented Cluster Generation Scheme in Vehicular Networks. IEEE Transactions on Vehicular Technology, 2024, 73, 9142-9146.	5.8	4
46	UAV-Enabled Robust Covert Communication Against Active Wardens. IEEE Transactions on Vehicular Technology, 2024, 73, 9159-9164.	5.8	30
47	Real-Time Dual-Process Remote Estimation With Integrated Multiaccess and HARQ. IEEE Internet of Things Journal, 2024, 11, 19762-19775.	7.0	4
48	Joint Symbol-Level Precoding and Radiation Pattern Design for Downlink Reconfigurable MIMO. IEEE Transactions on Wireless Communications, 2024, 23, 10104-10120.	8.4	6
49	Energy Efficiency Maximization for Active IRS-Assisted Uplink NOMA Systems. IEEE Wireless Communications Letters, 2024, 13, 1561-1565.	4.2	7
50	Performance Analysis of Fingerprint-Based Indoor Localization. IEEE Internet of Things Journal, 2024, 11, 23803-23819.	7.0	18
51	Beamforming Optimization for Hybrid Active-Passive RIS Assisted Wireless Communications: A Rate-Maximization Perspective. IEEE Transactions on Communications, 2024, 72, 5428-5442.	6.2	22
52	Partitioned Analog Fountain Codes for Short Packet Communications. IEEE Communications Letters, 2024, 28, 1248-1252.	3.5	10
53	D3QN-Based Multi-Priority Computation Offloading for Time-Sensitive and Interference-Limited Industrial Wireless Networks. IEEE Transactions on Vehicular Technology, 2024, 73, 13682-13693.	5.8	18
54	Zero-Shot Learning for Beam Management in LEO Satellite Communications. IEEE Transactions on Wireless Communications, 2024, 23, 12469-12483.	8.4	5

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55	Meta Reinforcement Learning for Resource Allocation in Aerial Active-RIS-Assisted Networks With Rate-Splitting Multiple Access. IEEE Internet of Things Journal, 2024, 11, 26366-26383.	7.0	27
56	Cascaded and Sum of Cascaded Over α -Fading Channels With Pointing Error Impairment. IEEE Open Journal of Vehicular Technology, 2024, 5, 752-761.	3.6	0
57	DNN-Based Radar Target Detection With OTFS. IEEE Transactions on Vehicular Technology, 2024, 73, 15786-15791.	5.8	7
58	Green Cell-Free Massive MIMO: An Optimization Embedded Deep Reinforcement Learning Approach. IEEE Transactions on Signal Processing, 2024, 72, 2751-2766.	4.4	7
59	Grant-Free MIMO-NOMA With Differential Modulation for Machine-Type Communications. IEEE Internet of Things Journal, 2024, 11, 30676-30689.	7.0	6
60	Physical Layer Key Generation for IOS-Assisted Communication Systems. IEEE Transactions on Vehicular Technology, 2024, 73, 17887-17892.	5.8	2
61	Practical RIS-Aided Multiuser Communications With Imperfect CSI: Practical Model, Amplitude Feedback, and Beamforming Optimization. IEEE Transactions on Wireless Communications, 2024, 23, 15245-15260.	8.4	7
62	Floor-Plan-Aided Indoor Localization: Zero-Shot Learning Framework, Data Sets, and Prototype. IEEE Journal on Selected Areas in Communications, 2024, 42, 2472-2486.	11.1	6
63	Power Minimization for Integrated Sensing, Communication, and Power Transmission Systems. IEEE Communications Letters, 2024, 28, 2779-2783.	3.5	8
64	Augmented Intelligence in Smart Intersections: Local Digital Twins-Assisted Hybrid Autonomous Driving. IEEE Transactions on Intelligent Vehicles, 2024, , 1-15.	10.3	3
65	Hybrid-Task Meta-Learning: A GNN Approach for Scalable and Transferable Bandwidth Allocation. IEEE Transactions on Wireless Communications, 2024, 23, 19820-19835.	8.4	2
66	SOAR: Smart Online Aggregated Reservation for Mobile Edge Computing Brokerage Services. IEEE Transactions on Mobile Computing, 2023, 22, 527-540.	6.9	10
67	Task Partitioning and Offloading in DNN-Task Enabled Mobile Edge Computing Networks. IEEE Transactions on Mobile Computing, 2023, 22, 2435-2445.	6.9	128
68	A Novel Differential Chaos Shift Keying Scheme With Multidimensional Index Modulation. IEEE Transactions on Wireless Communications, 2023, 22, 237-256.	8.4	73
69	Outage Analysis of Rate Splitting Networks With an Untrusted User. IEEE Transactions on Vehicular Technology, 2023, 72, 2626-2631.	5.8	16
70	Cooperative Rate Splitting Secure Transmission With an Untrusted User Relay. IEEE Transactions on Vehicular Technology, 2023, 72, 2667-2671.	5.8	7
71	Density Evolution Analysis of the Iterative Joint Ordered-Statistics Decoding for NOMA. IEEE Transactions on Wireless Communications, 2023, 22, 2080-2098.	8.4	0
72	Partially Concatenated Calderbank-Shor-Steane Codes Achieving the Quantum Gilbert-Varshamov Bound Asymptotically. IEEE Transactions on Information Theory, 2023, 69, 262-272.	2.0	4

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73	Reconfigurable Intelligent Surface-Aided M-Ary FM-DCSK System: A New Design for Noncoherent Chaos-Based Communication. IEEE Transactions on Vehicular Technology, 2023, 72, 4829-4843.	5.8	31
74	Weighted Sum Age of Information Minimization in Wireless Networks With Aerial IRS. IEEE Transactions on Vehicular Technology, 2023, 72, 5390-5394.	5.8	27
75	DRL-Based Resource Allocation in Remote State Estimation. IEEE Transactions on Wireless Communications, 2023, 22, 4434-4448.	8.4	29
76	Analysis of Rateless Multiple Access Scheme With Maximum Likelihood Decoding in an AWGN Channel. IEEE Transactions on Wireless Communications, 2023, 22, 5240-5252.	8.4	2
77	Dependent Task Scheduling and Offloading for Minimizing Deadline Violation Ratio in Mobile Edge Computing Networks. IEEE Journal on Selected Areas in Communications, 2023, 41, 538-554.	11.1	107
78	Efficient Rate-Splitting Multiple Access for the Internet of Vehicles: Federated Edge Learning and Latency Minimization. IEEE Journal on Selected Areas in Communications, 2023, 41, 1468-1483.	11.1	47
79	Design of a Reconfigurable Intelligent Surface-Assisted FM-DCSK-SWIPT Scheme With Non-Linear Energy Harvesting Model. IEEE Transactions on Communications, 2023, 71, 1863-1877.	6.2	26
80	Design and Analysis of a New Index-Modulation-Aided DCSK System With Frequency-and-Time Resources. IEEE Transactions on Vehicular Technology, 2023, 72, 7411-7425.	5.8	52
81	Achievable Rate Maximization Pattern Design for Reconfigurable MIMO Antenna Array. IEEE Transactions on Wireless Communications, 2023, 22, 5884-5897.	8.4	14
82	Joint Optimization for Cooperative Computing Framework in Double-IRS-Aided MEC Systems. IEEE Wireless Communications Letters, 2023, 12, 779-783.	4.2	10
83	Asymmetric Dual-Mode Constellation and Protograph LDPC Code Design for Generalized Spatial MPPM Systems. IEEE Transactions on Communications, 2023, 71, 3165-3177.	6.2	11
84	A Unified Rate-Splitting Framework for Secure Spectrum Sharing via Joint Precoding Optimization. IEEE Systems Journal, 2023, 17, 5580-5591.	3.9	5
85	Multi-UAV Coverage Path Planning: A Distributed Online Cooperation Method. IEEE Transactions on Vehicular Technology, 2023, 72, 11727-11740.	5.8	79
86	Secrecy Energy Efficiency for Distributed-IRSSs Assisted Uplink Networks. IEEE Transactions on Vehicular Technology, 2023, 72, 13712-13717.	5.8	3
87	Improving Timeliness-Fidelity Tradeoff in Wireless Sensor Networks: Waiting for All and Waiting for Partial Sensor Nodes. IEEE Transactions on Communications, 2023, 71, 4151-4164.	6.2	6
88	Secure Transmission for STAR-RIS Aided NOMA Against Internal Eavesdropping. IEEE Transactions on Vehicular Technology, 2023, 72, 15068-15073.	5.8	18
89	Deep Reinforcement Learning for Improving Resource Utilization Efficiency of URLLC with Imperfect Channel State Information. IEEE Wireless Communications Letters, 2023, , 1-1.	4.2	5
90	Asynchronous Distributed Beamforming Optimization Framework for RIS-Assisted Wireless Communications. IEEE Transactions on Signal Processing, 2023, 71, 3083-3099.	4.4	6

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91	Semantic-Aware Transmission Scheduling: A Monotonicity-Driven Deep Reinforcement Learning Approach. IEEE Communications Letters, 2023, 27, 3260-3264.	3.5	5
92	A Unified Analysis of Fox H-Fading With Beam Misalignment: Theory and Applications. IEEE Open Journal of Vehicular Technology, 2023, 4, 913-920.	3.6	0
93	Computation Offloading With Instantaneous Load Billing for Mobile Edge Computing. IEEE Transactions on Services Computing, 2022, 15, 1473-1485.	4.8	57
94	Wireless Secret Key Generation for Distributed Antenna Systems: A Joint Space-Time-Frequency Perspective. IEEE Internet of Things Journal, 2022, 9, 633-647.	7.0	27
95	Self-Adaptive Ordered Statistics Decoder for Finite Block Length Raptor Codes Toward URLLC. IEEE Internet of Things Journal, 2022, 9, 3282-3297.	7.0	15
96	Optimizing Information Freshness via Multiuser Scheduling With Adaptive NOMA/OMA. IEEE Transactions on Wireless Communications, 2022, 21, 1766-1778.	8.4	41
97	Anytime Control Under Practical Communication Models. IEEE Transactions on Automatic Control, 2022, 67, 5400-5407.	5.3	4
98	Remote State Estimation With Smart Sensors Over Markov Fading Channels. IEEE Transactions on Automatic Control, 2022, 67, 2743-2757.	5.3	50
99	Principle of Computation Power Optimization in Millimeter Wave Massive MIMO Systems. IEEE Transactions on Mobile Computing, 2022, 21, 2955-2966.	6.9	9
100	Performance Analysis of RIS-Assisted Systems With Statistical Channel State Information. IEEE Transactions on Vehicular Technology, 2022, 71, 1089-1094.	5.8	29
101	Intelligent Reflecting Surface and Artificial-Noise-Assisted Secure Transmission of MEC System. IEEE Internet of Things Journal, 2022, 9, 11477-11488.	7.0	29
102	A New Frequency-Bin-Index LoRa System for High-Data-Rate Transmission: Design and Performance Analysis. IEEE Internet of Things Journal, 2022, 9, 12515-12528.	7.0	22
103	Satisfaction-Maximized Secure Computation Offloading in Multi-Eavesdropper MEC Networks. IEEE Transactions on Wireless Communications, 2022, 21, 4227-4241.	8.4	29
104	A Fusion-Based Defogging Algorithm. Remote Sensing, 2022, 14, 425.	3.8	19
105	Stochastic Analysis of Double Blockchain Architecture in IoT Communication Networks. IEEE Internet of Things Journal, 2022, 9, 9700-9711.	7.0	18
106	Recent Trends in Underwater Visible Light Communication (UVLC) Systems. IEEE Access, 2022, 10, 22169-22225.	3.1	209
107	Proximal Policy Optimization-Based Transmit Beamforming and Phase-Shift Design in an IRS-Aided ISAC System for the THz Band. IEEE Journal on Selected Areas in Communications, 2022, 40, 2056-2069.	11.1	96
108	Physical-Layer-Based Secure Communications for Static and Low-Latency Industrial Internet of Things. IEEE Internet of Things Journal, 2022, 9, 18392-18405.	7.0	13

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109	Latency Minimization for Secure Intelligent Reflecting Surface Enhanced Virtual Reality Delivery Systems. IEEE Wireless Communications Letters, 2022, 11, 1770-1774.	4.2	10
110	Age of Information: The Multi-Stream M/G/1/1 Non-Preemptive System. IEEE Transactions on Communications, 2022, 70, 2328-2341.	6.2	32
111	Calibrated Bandit Learning for Decentralized Task Offloading in Ultra-Dense Networks. IEEE Transactions on Communications, 2022, 70, 2547-2560.	6.2	22
112	An Elastic-Segment-Based V2V/V2I Cooperative Strategy for Throughput Enhancement. IEEE Transactions on Vehicular Technology, 2022, 71, 5272-5283.	5.8	13
113	Truthful Online Double Auctions for Mobile Crowdsourcing: An On-Demand Service Strategy. IEEE Internet of Things Journal, 2022, 9, 16096-16112.	7.0	20
114	Intelligent Omni Surface-Assisted Secure MIMO Communication Networks With Artificial Noise. IEEE Communications Letters, 2022, 26, 1231-1235.	3.5	46
115	Game Theoretic Physical Layer Authentication for Spoofing Detection in UAV Communications. IEEE Transactions on Vehicular Technology, 2022, 71, 6750-6755.	5.8	37
116	Intelligent Reflecting Surfaces Beamforming Optimization with Statistical Channel Knowledge. Sensors, 2022, 22, 2390.	3.1	13
117	Convergence-Guaranteed Parametric Bayesian Distributed Cooperative Localization. IEEE Transactions on Wireless Communications, 2022, 21, 8179-8192.	8.4	14
118	A Novel Differential Chaos Shift Keying Scheme With Transmit Diversity. IEEE Communications Letters, 2022, 26, 1668-1672.	3.5	21
119	Contextual User-Centric Task Offloading for Mobile Edge Computing in Ultra-Dense Network. IEEE Transactions on Mobile Computing, 2022, , 1-1.	6.9	12
120	Analysis and Design of Short Analog Fountain Codes for the Multiple Access Channel. IEEE Communications Letters, 2022, 26, 1454-1458.	3.5	3
121	A Learning-Based Context-Aware Quality Test System in 5G-Aided Advanced Manufacturing. IEEE Transactions on Industrial Informatics, 2022, , 1-1.	9.5	0
122	A Tutorial on Bandit Learning and Its Applications in 5G Mobile Edge Computing (Invited Paper). Frontiers in Signal Processing, 2022, 2, .	2.0	3
123	Spatio-Temporal-Frequency Graph Attention Convolutional Network for Aircraft Recognition Based on Heterogeneous Radar Network. IEEE Transactions on Aerospace and Electronic Systems, 2022, 58, 5548-5559.	4.2	22
124	Enabling Real-Time Quality-of-Service and Fine-Grained Aggregation for Wireless TSN. Sensors, 2022, 22, 3901.	3.1	10
125	Learning-Based Predictive Beamforming for Integrated Sensing and Communication in Vehicular Networks. IEEE Journal on Selected Areas in Communications, 2022, 40, 2317-2334.	11.1	183
126	Stability Conditions for Remote State Estimation of Multiple Systems Over Semi-Markov Fading Channels. , 2022, 6, 2954-2959.		12

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127	Full-Dimensional Rate Enhancement for UAV-Enabled Communications via Intelligent Omni-Surface. IEEE Wireless Communications Letters, 2022, 11, 1955-1959.	4.2	21
128	Training Beam Sequence Design for mmWave Tracking Systems With and Without Environmental Knowledge. IEEE Transactions on Wireless Communications, 2022, 21, 10780-10795.	8.4	6
129	Caching and UAV Friendly Jamming for Secure Communications With Active Eavesdropping Attacks. IEEE Transactions on Vehicular Technology, 2022, 71, 11251-11256.	5.8	27
130	NOMA Joint Channel Estimation and Signal Detection Using Rotational Invariant Codes and GMM-Based Clustering. IEEE Communications Letters, 2022, 26, 2485-2489.	3.5	15
131	Linear-Equation Ordered-Statistics Decoding. IEEE Transactions on Communications, 2022, 70, 7105-7123.	6.2	14
132	Physical Layer Key Generation for Secure OAM Communication Systems. IEEE Transactions on Vehicular Technology, 2022, 71, 12397-12401.	5.8	9
133	Computing the Partial Weight Distribution of Punctured, Shortened, Precoded Polar Codes. IEEE Transactions on Communications, 2022, 70, 7146-7159.	6.2	13
134	Secure Precoding Optimization for NOMA-Aided Integrated Sensing and Communication. IEEE Transactions on Communications, 2022, 70, 8370-8382.	6.2	119
135	Stability Conditions for Remote State Estimation of Multiple Systems over Multiple Markov Fading Channels. IEEE Transactions on Automatic Control, 2022, , 1-8.	5.3	11
136	Heterogeneous Computational Resource Allocation for C-RAN: A Contract-Theoretic Approach. IEEE Transactions on Services Computing, 2021, 14, 2026-2040.	4.8	8
137	Reconfigurable Intelligent Surface Aided Cell-Free MIMO Communications. IEEE Wireless Communications Letters, 2021, 10, 775-779.	4.2	56
138	Interference Exploitation Precoding for Multi-Level Modulations: Closed-Form Solutions. IEEE Transactions on Communications, 2021, 69, 291-308.	6.2	101
139	Deep Learning for Radio Resource Allocation With Diverse Quality-of-Service Requirements in 5G. IEEE Transactions on Wireless Communications, 2021, 20, 2309-2324.	8.4	86
140	Joint Optimization for Secure Intelligent Reflecting Surface Assisted UAV Networks. IEEE Wireless Communications Letters, 2021, 10, 276-280.	4.2	156
141	On the Latency, Rate, and Reliability Tradeoff in Wireless Networked Control Systems for IIoT. IEEE Internet of Things Journal, 2021, 8, 723-733.	7.0	77
142	Enabling AI in Future Wireless Networks: A Data Life Cycle Perspective. IEEE Communications Surveys and Tutorials, 2021, 23, 553-595.	35.0	145
143	LayerChain: A Hierarchical Edge-Cloud Blockchain for Large-Scale Low-Delay Industrial Internet of Things Applications. IEEE Transactions on Industrial Informatics, 2021, 17, 5077-5086.	9.5	55
144	Over-the-Air Computation via Broadband Channels. IEEE Wireless Communications Letters, 2021, 10, 2150-2154.	4.2	22

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145	Training Beam Sequence Design for Multiuser Millimeter Wave Tracking Systems. IEEE Transactions on Communications, 2021, 69, 6939-6955.	6.2	11
146	Nonorthogonal HARQ for URLLC: Design and Analysis. IEEE Internet of Things Journal, 2021, 8, 17596-17610.	7.0	47
147	IEEE Access Special Section Editorial: Mission-Critical Sensors and Sensor Networks (MC-SSN). IEEE Access, 2021, 9, 49457-49466.	3.1	2
148	Two-Dimensional Task Offloading for Mobile Networks: An Imitation Learning Framework. IEEE/ACM Transactions on Networking, 2021, 29, 2494-2507.	2.9	13
149	Recursive Design of Precoded Polar Codes for SCL Decoding. IEEE Transactions on Communications, 2021, 69, 7945-7959.	6.2	25
150	Protograph LDPC-Coded BICM-ID With Irregular CSK Mapping in Visible Light Communication Systems. IEEE Transactions on Vehicular Technology, 2021, 70, 11033-11038.	5.8	62
151	Deep Multi-Task Learning for Cooperative NOMA: System Design and Principles. IEEE Journal on Selected Areas in Communications, 2021, 39, 61-78.	11.1	15
152	Deep Residual Learning-Assisted Channel Estimation in Ambient Backscatter Communications. IEEE Wireless Communications Letters, 2021, 10, 339-343.	4.2	41
153	A Tutorial on Ultrareliable and Low-Latency Communications in 6G: Integrating Domain Knowledge Into Deep Learning. Proceedings of the IEEE, 2021, 109, 204-246.	9.6	322
154	Communication-and-Computing Latency Minimization for UAV-Enabled Virtual Reality Delivery Systems. IEEE Transactions on Communications, 2021, 69, 1723-1735.	6.2	63
155	Grand Challenges in Signal Processing for Communications. Frontiers in Signal Processing, 2021, 1, .	2.0	5
156	Optimizing Information Freshness in Two-Hop Status Update Systems Under a Resource Constraint. IEEE Journal on Selected Areas in Communications, 2021, 39, 1380-1392.	11.1	49
157	Constrained Reinforcement Learning for Resource Allocation in Network Slicing. IEEE Communications Letters, 2021, 25, 1554-1558.	3.5	37
158	Energy Harvesting in Sub-6GHz and Millimeter Wave Hybrid Networks. IEEE Transactions on Vehicular Technology, 2021, 70, 4471-4484.	5.8	11
159	Random Shifting Intelligent Reflecting Surface for OTP Encrypted Data Transmission. IEEE Wireless Communications Letters, 2021, 10, 1192-1196.	4.2	59
160	Probability-Based Ordered-Statistics Decoding for Short Block Codes. IEEE Communications Letters, 2021, 25, 1791-1795.	3.5	46
161	Beyond Cell-Free MIMO: Energy Efficient Reconfigurable Intelligent Surface Aided Cell-Free MIMO Communications. IEEE Transactions on Cognitive Communications and Networking, 2021, 7, 412-426.	5.3	151
162	A Revisit to Ordered Statistics Decoding: Distance Distribution and Decoding Rules. IEEE Transactions on Information Theory, 2021, 67, 4288-4337.	2.0	48

#	ARTICLE	IF	PR CITATIONS
163	Over-the-Air Computation With Spatial-and-Temporal Correlated Signals. IEEE Wireless Communications Letters, 2021, 10, 1591-1595.	4.2	19
164	Delay-Sensitive NOMA-HARQ for Short Packet Communications. Entropy, 2021, 23, 880.	1.8	10
165	Secrecy Analysis of UAV-Based mmWave Relaying Networks. IEEE Transactions on Wireless Communications, 2021, 20, 4990-5002.	8.4	37
166	Distributed Multi-Agent Target Tracking: A Nash-Combined Adaptive Differential Evolution Method for UAV Systems. IEEE Transactions on Vehicular Technology, 2021, 70, 8122-8133.	5.8	63
167	Mobile User Trajectory Tracking for IRS Enabled Wireless Networks. IEEE Transactions on Vehicular Technology, 2021, 70, 8331-8336.	5.8	8
168	Optimizing Information Freshness for Cooperative IoT Systems With Stochastic Arrivals. IEEE Internet of Things Journal, 2021, 8, 14485-14500.	7.0	19
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