

H Vincent Poor

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.

1,445
papers

51,037
citations

105
h-index

187
g-index

1,684
ext. papers

65,551
ext. citations

6.4
avg, IF

8.7
L-index

#	Paper	IF	Citations
1445	Age of Information in Energy Harvesting Aided Massive Multiple Access Networks. <i>IEEE Journal on Selected Areas in Communications</i> , 2022 , 1-1	14.2	36
1444	Turing Meets Shannon: On the Algorithmic Construction of Channel-Aware Codes. <i>IEEE Transactions on Communications</i> , 2022 , 1-1	6.9	
1443	Next-Generation Multiple Access Based on NOMA with Power Level Modulation. <i>IEEE Journal on Selected Areas in Communications</i> , 2022 , 1-1	14.2	5
1442	Massive Access of Static and Mobile Users via Reconfigurable Intelligent Surfaces: Protocol Design and Performance Analysis. <i>IEEE Journal on Selected Areas in Communications</i> , 2022 , 1-1	14.2	3
1441	Blockchain Assisted Decentralized Federated Learning (BLADE-FL): Performance Analysis and Resource Allocation. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2022 , 1-1	3.7	10
1440	Low-to-Zero-Overhead IRS Reconfiguration: Decoupling Illumination and Channel Estimation. <i>IEEE Communications Letters</i> , 2022 , 1-1	3.8	6
1439	Hybrid Chirp Signal Design for Improved Long-Range (LoRa) Communications. <i>Signals</i> , 2022 , 3, 1-10	1.2	0
1438	RIS-aided Zero-Forcing and Regularized Zero-Forcing Beamforming in Integrated Information and Energy Delivery. <i>IEEE Transactions on Wireless Communications</i> , 2022 , 1-1	9.6	1
1437	Hybrid NOMA Offloading in Multi-User MEC Networks. <i>IEEE Transactions on Wireless Communications</i> , 2022 , 1-1	9.6	4
1436	Distributed Reinforcement Learning for Age of Information Minimization in Real-Time IoT Systems. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2022 , 1-1	7.5	6
1435	MetaSketch: Wireless Semantic Segmentation by Reconfigurable Intelligent Surfaces. <i>IEEE Transactions on Wireless Communications</i> , 2022 , 1-1	9.6	4
1434	Fundamental limitations on efficiently forecasting certain epidemic measures in network models.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022 , 119,	11.5	3
1433	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
1432	Guest Editorial Special Issue on Distributed Learning Over Wireless Edge NetworksPart II. <i>IEEE Journal on Selected Areas in Communications</i> , 2022 , 40, 445-448	14.2	
1431	Benefits of energy recovery from the undesirable components of electric signals in electric power systems. <i>International Journal of Electrical Power and Energy Systems</i> , 2022 , 138, 107323	5.1	2
1430	Guest Editorial Advanced Signal Processing for Local and Private 5G Networks. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2022 , 16, 2-6	7.5	
1429	Federated Learning for 6G: Applications, Challenges, and Opportunities. <i>Engineering</i> , 2022 , 8, 33-41	9.7	21

1428	A Meta-Learning Approach to the Optimal Power Flow Problem Under Topology Reconfigurations. <i>IEEE Open Access Journal of Power and Energy</i> , 2022 , 1-1	3.8	3
1427	Non-Coherent Multi-level Index Modulation. <i>IEEE Transactions on Communications</i> , 2022 , 1-1	6.9	0
1426	Low-Latency Federated Learning Over Wireless Channels With Differential Privacy. <i>IEEE Journal on Selected Areas in Communications</i> , 2022 , 40, 290-307	14.2	6
1425	A refined consumer behavior model for energy systems: Application to the pricing and energy-efficiency problems. <i>Applied Energy</i> , 2022 , 308, 118239	10.7	0
1424	Fault detection and location in power distribution systems: The usefulness of the HS-OFDM scheme for time-domain reflectometry. <i>Electric Power Systems Research</i> , 2022 , 203, 107600	3.5	1
1423	Analysis of typical PLC pulses for sensing high-impedance faults based on time-domain reflectometry. <i>International Journal of Electrical Power and Energy Systems</i> , 2022 , 135, 107168	5.1	3
1422	Proximal Policy Optimization-based Transmit Beamforming and Phase-shift Design in an IRS-aided ISAC System for the THz Band. <i>IEEE Journal on Selected Areas in Communications</i> , 2022 , 1-1	14.2	4
1421	Partial and Full Relay Selection Algorithms for AF Multi-Relay Full-Duplex Networks with Self-Energy Recycling in Non-identically Distributed Fading Channels. <i>IEEE Transactions on Vehicular Technology</i> , 2022 , 1-1	6.8	2
1420	Federated Learning over Wireless IoT Networks with Optimized Communication and Resources. <i>IEEE Internet of Things Journal</i> , 2022 , 1-1	10.7	6
1419	Meta-Wall: Intelligent Omni-Surfaces Aided Multi-Cell MIMO Communications. <i>IEEE Transactions on Wireless Communications</i> , 2022 , 1-1	9.6	6
1418	Secure Transmission Design for Cooperative NOMA in the Presence of Internal Eavesdropping. <i>IEEE Wireless Communications Letters</i> , 2022 , 1-1	5.9	1
1417	Secure Active and Passive Beamforming in IRS-Aided MIMO Systems. <i>IEEE Transactions on Information Forensics and Security</i> , 2022 , 17, 1300-1315	8	0
1416	Modeling and Analysis of Opinion Dynamics in Social Networks Using Multiple-Population Mean Field Games. <i>IEEE Transactions on Signal and Information Processing Over Networks</i> , 2022 , 1-1	2.8	0
1415	Mutualistic Mechanism in Symbiotic Radios: When Can the Primary and Secondary Transmissions be Mutually Beneficial?. <i>IEEE Transactions on Wireless Communications</i> , 2022 , 1-1	9.6	2
1414	Delay-Phase Precoding for Wideband THz Massive MIMO. <i>IEEE Transactions on Wireless Communications</i> , 2022 , 1-1	9.6	12
1413	Holographic Integrated Sensing and Communication. <i>IEEE Journal on Selected Areas in Communications</i> , 2022 , 1-1	14.2	4
1412	Energy-Efficient Velocity Control for Massive Numbers of UAVs: A Mean Field Game Approach. <i>IEEE Transactions on Vehicular Technology</i> , 2022 , 1-1	6.8	1
1411	Meta-Reinforcement Learning for Reliable Communication in THz/VLC Wireless VR Networks. <i>IEEE Transactions on Wireless Communications</i> , 2022 , 1-1	9.6	2

1410	Power-Efficient Passive Beamforming and Resource Allocation for IRS-Aided WPCNs. <i>IEEE Transactions on Communications</i> , 2022 , 1-1	6.9	3
1409	Intelligent Omni-Surfaces for Full-Dimensional Wireless Communications: Principles, Technology, and Implementation. <i>IEEE Communications Magazine</i> , 2022 , 60, 39-45	9.1	18
1408	Statistical Modeling of Energy Harvesting in Hybrid PLC-WLC Channels. <i>Sustainability</i> , 2022 , 14, 442	3.6	1
1407	Simultaneously Transmitting and Reflecting Intelligent Omni-Surfaces: Modeling and Implementation. <i>IEEE Vehicular Technology Magazine</i> , 2022 , 2-10	9.9	7
1406	Identifying the Superspreader in Proactive Backward Contact Tracing by Deep Learning 2022 ,		1
1405	Design of THz-NOMA in the Presence of Beam Misalignment. <i>IEEE Communications Letters</i> , 2022 , 1-1	3.8	2
1404	Queue-Aware Finite-Blocklength Coding for Ultra-Reliable and Low-Latency Communications: A Cross-Layer Approach. <i>IEEE Transactions on Wireless Communications</i> , 2022 , 1-1	9.6	0
1403	RIS-assisted UAV Communications for IoT with Wireless Power Transfer Using Deep Reinforcement Learning. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2022 , 1-1	7.5	6
1402	Robust Group Anomaly Detection for Quasi-Periodic Network Time Series. <i>IEEE Transactions on Network Science and Engineering</i> , 2022 , 1-1	4.9	
1401	Opinion Evolution in Social Networks: Connecting Mean Field Games to Generative Adversarial Nets. <i>IEEE Transactions on Network Science and Engineering</i> , 2022 , 1-1	4.9	
1400	Deep Reinforcement Learning-Based Optimization for IRS-Assisted Cognitive Radio Systems. <i>IEEE Transactions on Communications</i> , 2022 , 1-1	6.9	0
1399	Context-Aware Security for 6G Wireless: The Role of Physical Layer Security. <i>IEEE Communications Standards Magazine</i> , 2022 , 6, 102-108	3.3	4
1398	An Information-Theoretic View of Mixed-Delay Traffic in 5G and 6G. <i>Entropy</i> , 2022 , 24, 637	2.8	1
1397	Federated Learning: A signal processing perspective. <i>IEEE Signal Processing Magazine</i> , 2022 , 39, 14-41	9.4	11
1396	STAR-RISs: A Correlated T&R Phase-Shift Model and Practical Phase-Shift Configuration Strategies. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2022 , 1-1	7.5	5
1395	Toward Ubiquitous Sensing and Localization With Reconfigurable Intelligent Surfaces. <i>Proceedings of the IEEE</i> , 2022 , 1-22	14.3	6
1394	A State-of-the-Art Survey on Reconfigurable Intelligent Surface-Assisted Non-Orthogonal Multiple Access Networks. <i>Proceedings of the IEEE</i> , 2022 , 1-22	14.3	6
1393	Review and Perspectives of Micro/Nano Technologies as Key-Enablers of 6G. <i>IEEE Access</i> , 2022 , 1-1	3.5	5

1392	Joint Optimization of IRS and UAV-Trajectory: For Supporting Statistical Delay and Error-Rate Bounded QoS Over mURLLC-Driven 6G Mobile Wireless Networks Using FBC. <i>IEEE Vehicular Technology Magazine</i> , 2022 , 17, 55-63	9.9	0
1391	6G for Vehicle-to-Everything (V2X) Communications: Enabling Technologies, Challenges, and Opportunities. <i>Proceedings of the IEEE</i> , 2022 , 110, 712-734	14.3	12
1390	AI-Driven UAV-NOMA-MEC in Next Generation Wireless Networks. <i>IEEE Wireless Communications</i> , 2021 , 28, 66-73	13.4	12
1389	Active Sampling for the Quickest Detection of Markov Networks. <i>IEEE Transactions on Information Theory</i> , 2021 , 1-1	2.8	2
1388	Age-and Correlation-Aware Information Gathering. <i>IEEE Wireless Communications Letters</i> , 2021 , 1-1	5.9	2
1387	Federated Learning with Downlink Device Selection 2021 ,		1
1386	Modeling COVID-19 with mean field evolutionary dynamics: Social distancing and seasonality. <i>Journal of Communications and Networks</i> , 2021 , 23, 314-325	4.1	0
1385	Short Blocklength Process Monitoring and Scheduling: Resolution and Data Freshness. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 1-1	9.6	3
1384	Private 5G Networks: Concepts, Architectures, and Research Landscape. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2021 , 1-1	7.5	7
1383	Ultra-Reliable and Low-Latency Wireless Communications in the High SNR Regime: A Cross-Layer Tradeoff. <i>IEEE Transactions on Communications</i> , 2021 , 1-1	6.9	1
1382	Bayesian Risk with Bregman Loss: A Cramér-Rao Type Bound and Linear Estimation. <i>IEEE Transactions on Information Theory</i> , 2021 , 1-1	2.8	0
1381	A Novel Wireless Communication Paradigm for Intelligent Reflecting Surface Based Symbiotic Radio Systems. <i>IEEE Transactions on Signal Processing</i> , 2021 , 1-1	4.8	7
1380	Relay-Aided Multi-User OFDM Relying on Joint Wireless Power Transfer and Self-Interference Recycling. <i>IEEE Transactions on Communications</i> , 2021 , 1-1	6.9	1
1379	Data-Driven Random Access Optimization in Multi-Cell IoT Networks with NOMA. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 1-1	9.6	0
1378	Revisiting Analog Over-the-Air Machine Learning: The Blessing and Curse of Interference. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2021 , 1-1	7.5	1
1377	Throughput Enhancement in FD-and SWIPT-enabled IoT Networks over Non-Identical Rayleigh Fading Channels. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	3
1376	Spatiotemporal Analysis for Age of Information in Random Access Networks under Last-Come First-Serve with Replacement Protocol. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 1-1	9.6	2
1375	Age-Optimal Information Gathering in Linear Underwater Networks: A Deep Reinforcement Learning Approach. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 1-1	6.8	3

1374	Cooperative Task Offloading and Block Mining in Blockchain-based Edge Computing with Multi-agent Deep Reinforcement Learning. <i>IEEE Transactions on Mobile Computing</i> , 2021 , 1-1	4.6	7
1373	Distributed Learning in Wireless Networks: Recent Progress and Future Challenges. <i>IEEE Journal on Selected Areas in Communications</i> , 2021 , 39, 3579-3605	14.2	48
1372	Roles of retailers in the peer-to-peer electricity market: A single retailer perspective. <i>IScience</i> , 2021 , 24, 103278	6.1	6
1371	Wireless Network Optimization for Federated Learning with Model Compression in Hybrid VLC/RF Systems. <i>Entropy</i> , 2021 , 23,	2.8	4
1370	A Tutorial on Ultrareliable and Low-Latency Communications in 6G: Integrating Domain Knowledge Into Deep Learning. <i>Proceedings of the IEEE</i> , 2021 , 109, 204-246	14.3	69
1369	DC Arc-Fault Detection Based on Empirical Mode Decomposition of Arc Signatures and Support Vector Machine. <i>IEEE Sensors Journal</i> , 2021 , 21, 7024-7033	4	28
1368	An Overview of Information-Theoretic Security and Privacy: Metrics, Limits and Applications. <i>IEEE Journal on Selected Areas in Information Theory</i> , 2021 , 2, 5-22	2.5	15
1367	Bayesian Topology Learning and noise removal from network data. <i>Discover Internet of Things</i> , 2021 , 1, 1		8
1366	Model predictive control for on-off charging of electrical vehicles in smart grids. <i>IET Electrical Systems in Transportation</i> , 2021 , 11, 121-133	2.1	1
1365	On the Effective Throughput of Coded Caching With Heterogeneous User Preferences: A Game Theoretic Perspective. <i>IEEE Transactions on Communications</i> , 2021 , 69, 1387-1402	6.9	4
1364	A Compressive Sensing Approach for Federated Learning Over Massive MIMO Communication Systems. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 20, 1990-2004	9.6	14
1363	Physical Layer Security for Multi-User MIMO Visible Light Communication Systems With Generalized Space Shift Keying. <i>IEEE Transactions on Communications</i> , 2021 , 69, 2585-2598	6.9	9
1362	Physics-Based Modeling and Scalable Optimization of Large Intelligent Reflecting Surfaces. <i>IEEE Transactions on Communications</i> , 2021 , 69, 2673-2691	6.9	79
1361	. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 5360-5373	10.7	6
1360	Communication-efficient federated learning. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	35
1359	RIS Enhanced Massive Non-Orthogonal Multiple Access Networks: Deployment and Passive Beamforming Design. <i>IEEE Journal on Selected Areas in Communications</i> , 2021 , 39, 1057-1071	14.2	54
1358	Vulnerability Assessment of 6G-Enabled Smart Grid Cyber-Physical Systems. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 5468-5475	10.7	19
1357	. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 20, 2457-2471	9.6	65

1356	Subspace estimation from unbalanced and incomplete data matrices: \mathbb{R} , \mathbb{B} statistical guarantees. <i>Annals of Statistics</i> , 2021 , 49,	3.2	9
1355	Qualitative HD Image and Video Recovery via High-Order Tensor Augmentation and Completion. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2021 , 15, 688-701	7.5	2
1354	Joint Sensing Task Assignment and Collision-Free Trajectory Optimization for Mobile Vehicle Networks Using Mean-Field Games. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 8488-8503	10.7	6
1353	Distributed model predictive control for joint coordination of demand response and optimal power flow with renewables in smart grid. <i>Applied Energy</i> , 2021 , 290, 116701	10.7	8
1352	Topological clustering of multilayer networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	4
1351	Reconfigurable Intelligent Surface Assisted Device-to-Device Communications. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 20, 2792-2804	9.6	24
1350	. <i>IEEE Journal on Selected Areas in Communications</i> , 2021 , 39, 1211-1225	14.2	5
1349	Reconfigurable Intelligent Surface Assisted Multi-User Communications: How Many Reflective Elements Do We Need?. <i>IEEE Wireless Communications Letters</i> , 2021 , 10, 1098-1102	5.9	11
1348	Analysis of the Impact of Mask-wearing in Viral Spread: Implications for COVID-19 2021 ,		2
1347	Distributionally Robust Optimization for Peak Age of Information Minimization in E-Health IoT 2021 ,		2
1346	AI-Assisted MAC for Reconfigurable Intelligent-Surface-Aided Wireless Networks: Challenges and Opportunities. <i>IEEE Communications Magazine</i> , 2021 , 59, 21-27	9.1	11
1345	On the Algorithmic Solvability of Channel Dependent Classification Problems in Communication Systems. <i>IEEE/ACM Transactions on Networking</i> , 2021 , 29, 1155-1168	3.8	4
1344	Backscatter-Assisted Data Offloading in OFDMA-Based Wireless-Powered Mobile Edge Computing for IoT Networks. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 9233-9243	10.7	27
1343	Spatial Equalization Before Reception: Reconfigurable Intelligent Surfaces for Multi-Path Mitigation 2021 ,		8
1342	Task Selection and Route Planning for Mobile Crowd Sensing Using Multi-Population Mean-Field Games 2021 ,		2
1341	Belief and Opinion Evolution in Social Networks: A High-Dimensional Mean Field Game Approach 2021 ,		1
1340	Leveraging A Multiple-Strain Model with Mutations in Analyzing the Spread of Covid-19 2021 ,		1
1339	Reconfigurable Intelligent Surfaces in 6G: Reflective, Transmissive, or Both?. <i>IEEE Communications Letters</i> , 2021 , 25, 2063-2067	3.8	23

1338	Power Efficiency, Overhead, and Complexity Tradeoff of IRS Codebook Design Quadratic Phase-Shift Profile. <i>IEEE Communications Letters</i> , 2021 , 25, 2048-2052	3.8	11
1337	Real Number Signal Processing can Detect Denial-of-Service Attacks 2021 ,		1
1336	Optimal Resource Allocations for Statistical QoS Provisioning to Support mURLLC Over FBC-EH-Based 6G THz Wireless Nano-Networks. <i>IEEE Journal on Selected Areas in Communications</i> , 2021 , 39, 1544-1560	14.2	5
1335	Meta-Reinforcement Learning for Immersive Virtual Reality over THz/VLC Wireless Networks 2021 ,		1
1334	A Cluster-Based Transmit Diversity Scheme for Asynchronous Joint Transmissions in Private Networks 2021 ,		2
1333	Downlink and Uplink Intelligent Reflecting Surface Aided Networks: NOMA and OMA. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 20, 3988-4000	9.6	22
1332	Convergence of Update Aware Device Scheduling for Federated Learning at the Wireless Edge. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 20, 3643-3658	9.6	31
1331	Turing Meets Shannon: Algorithmic Constructability of Capacity-Achieving Codes 2021 ,		1
1330	Learning to Decode Protograph LDPC Codes. <i>IEEE Journal on Selected Areas in Communications</i> , 2021 , 39, 1983-1999	14.2	6
1329	Protecting Physical Layer Secret Key Generation from Active Attacks. <i>Entropy</i> , 2021 , 23,	2.8	1
1328	Reconfigurable Intelligent Surface Assisted MIMO Symbiotic Radio Networks. <i>IEEE Transactions on Communications</i> , 2021 , 69, 4832-4846	6.9	18
1327	Sum-Throughput Maximization in NOMA-Based WPCN: A Cluster-Specific Beamforming Approach. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 10543-10556	10.7	11
1326	Learning Mixtures of Low-Rank Models. <i>IEEE Transactions on Information Theory</i> , 2021 , 67, 4613-4636	2.8	1
1325	Detectability of Denial-of-Service Attacks on Arbitrarily Varying Classical-Quantum Channels 2021 ,		1
1324	Low-Latency Short-Packet Transmission over a Large Spatial Scale. <i>Entropy</i> , 2021 , 23,	2.8	1
1323	Load Forecasting Through Estimated Parametrized Based Fuzzy Inference System in Smart Grids. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 29, 156-165	8.3	10
1322	Optimizing Information Freshness in Wireless Networks: A Stochastic Geometry Approach. <i>IEEE Transactions on Mobile Computing</i> , 2021 , 20, 2269-2280	4.6	27
1321	Online Stochastic Optimization With Time-Varying Distributions. <i>IEEE Transactions on Automatic Control</i> , 2021 , 66, 1840-1847	5.9	2

1320	SDN-Enabled Energy-Efficient Routing Optimization Framework for Industrial Internet of Things. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 5660-5667	11.9	16
1319	Physical Layer Security of In-Home PLC Systems: Analysis Based on a Measurement Campaign. <i>IEEE Systems Journal</i> , 2021 , 15, 617-628	4.3	1
1318	Energy-Efficient Multi-Cell Massive MIMO Subject to Minimum User-Rate Constraints. <i>IEEE Transactions on Communications</i> , 2021 , 69, 914-928	6.9	6
1317	A Joint Learning and Communications Framework for Federated Learning Over Wireless Networks. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 20, 269-283	9.6	255
1316	. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 1358-1372	10.7	19
1315	Data-Driven False Data Injection Attacks Against Power Grids: A Random Matrix Approach. <i>IEEE Transactions on Smart Grid</i> , 2021 , 12, 635-646	10.7	13
1314	. <i>IEEE Transactions on Multimedia</i> , 2021 , 23, 1757-1771	6.6	
1313	Towards 6G wireless communication networks: vision, enabling technologies, and new paradigm shifts. <i>Science China Information Sciences</i> , 2021 , 64, 1	3.4	264
1312	A variational interpretation of the Cram�er-Rao bound. <i>Signal Processing</i> , 2021 , 182, 107917	4.4	2
1311	Peer-to-peer energy systems for connected communities: A review of recent advances and emerging challenges. <i>Applied Energy</i> , 2021 , 282, 116131	10.7	96
1310	Malicious Experts Versus the Multiplicative Weights Algorithm in Online Prediction. <i>IEEE Transactions on Information Theory</i> , 2021 , 67, 559-565	2.8	1
1309	Experienced Deep Reinforcement Learning With Generative Adversarial Networks (GANs) for Model-Free Ultra Reliable Low Latency Communication. <i>IEEE Transactions on Communications</i> , 2021 , 69, 884-899	6.9	28
1308	Cyber-enabled grids: Shaping future energy systems. <i>Advances in Applied Energy</i> , 2021 , 1, 100003		12
1307	A Multi-Leader Multi-Follower Game-Based Analysis for Incentive Mechanisms in Socially-Aware Mobile Crowdsensing. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 20, 1457-1471	9.6	10
1306	. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 20, 1963-1974	9.6	41
1305	A Bayesian Approach to Sequential Change Detection and Isolation Problems. <i>IEEE Transactions on Information Theory</i> , 2021 , 67, 1796-1803	2.8	1
1304	Capacity-Approaching Polar Codes With Long Codewords and Successive Cancellation Decoding Based on Improved Gaussian Approximation. <i>IEEE Transactions on Communications</i> , 2021 , 69, 31-43	6.9	3
1303	. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 4560-4568	10.7	11

1302	Optimum Combiner for Spatially Correlated Nakagami-m Fading Channels. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 20, 771-784	9.6	2
1301	On the Latency, Rate, and Reliability Tradeoff in Wireless Networked Control Systems for IIoT. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 723-733	10.7	9
1300	Enabling AI in Future Wireless Networks: A Data Life Cycle Perspective. <i>IEEE Communications Surveys and Tutorials</i> , 2021 , 23, 553-595	37.1	36
1299	Energy-Efficient Data Dissemination Using a UAV: An Ant Colony Approach. <i>IEEE Wireless Communications Letters</i> , 2021 , 10, 16-20	5.9	9
1298	Statistical Delay and Error-Rate Bounded QoS Provisioning for mURLLC Over 6G CF M-MIMO Mobile Networks in the Finite Blocklength Regime. <i>IEEE Journal on Selected Areas in Communications</i> , 2021 , 39, 652-667	14.2	8
1297	Differentially Private ADMM for Regularized Consensus Optimization. <i>IEEE Transactions on Automatic Control</i> , 2021 , 66, 3718-3725	5.9	2
1296	A Unified Framework for SINR Analysis in Poisson Networks With Traffic Dynamics. <i>IEEE Transactions on Communications</i> , 2021 , 69, 326-339	6.9	7
1295	Optimized Shallow Neural Networks for Sum-Rate Maximization in Energy Harvesting Downlink Multiuser NOMA Systems. <i>IEEE Journal on Selected Areas in Communications</i> , 2021 , 39, 982-997	14.2	1
1294	Orthogonal Chirp-Division Multiplexing for Power Line Sensing via Time-Domain Reflectometry. <i>IEEE Sensors Journal</i> , 2021 , 21, 955-964	4	10
1293	Physical Layer Security Aided Wireless Interference Networks in the Presence of Strong Eavesdropper Channels. <i>IEEE Transactions on Information Forensics and Security</i> , 2021 , 16, 3228-3240	8	1
1292	Diffusion Bayesian Subband Adaptive Filters for Distributed Estimation Over Sensor Networks. <i>IEEE Transactions on Communications</i> , 2021 , 1-1	6.9	1
1291	Optimal Adversarial Policies in the Multiplicative Learning System With a Malicious Expert. <i>IEEE Transactions on Information Forensics and Security</i> , 2021 , 16, 2276-2287	8	0
1290	Age of Information Minimization for Grant-Free Non-orthogonal Massive Access using Mean-Field Games. <i>IEEE Transactions on Communications</i> , 2021 , 1-1	6.9	2
1289	Minimizing the Age-of-Critical-Information: An Imitation Learning-based Scheduling Approach Under Partial Observations. <i>IEEE Transactions on Mobile Computing</i> , 2021 , 1-1	4.6	24
1288	Achievable Rate Analysis of Millimeter Wave Channels with Random Coding Error Exponent. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 1-1	9.6	
1287	Matrix-Monotonic Optimization §-§ Part II: Multi-Variable Optimization. <i>IEEE Transactions on Signal Processing</i> , 2021 , 69, 179-194	4.8	5
1286	Intelligent Omni-Surfaces: Ubiquitous Wireless Transmission by Reflective-Refractive Metasurfaces. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 1-1	9.6	29
1285	UVeQFed: Universal Vector Quantization for Federated Learning. <i>IEEE Transactions on Signal Processing</i> , 2021 , 69, 500-514	4.8	35

1284	A Novel Framework for the Analysis and Design of Heterogeneous Federated Learning. <i>IEEE Transactions on Signal Processing</i> , 2021 , 69, 5234-5249	4.8	5
1283	. <i>IEEE Transactions on Green Communications and Networking</i> , 2021 , 1-1	4	3
1282	Convergence of Federated Learning over a Noisy Downlink. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 1-1	9.6	7
1281	Physical Layer Security: Authentication, Integrity, and Confidentiality 2021 , 129-150		13
1280	Detection of Spatially Modulated Signals via RLS: Theoretical Bounds and Applications. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 1-1	9.6	2
1279	Advantages of NOMA for Multi-User BackCom Networks. <i>IEEE Communications Letters</i> , 2021 , 1-1	3.8	3
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486	On the impact of network-state knowledge on the Feasibility of secrecy 2013,		2
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484	A satisfaction game for heating, ventilation and air conditioning control of smart buildings 2013,		11
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