

# Dusit Tao Niyato

## 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.

711 papers	27,143 citations	80 h-index	145 g-index
808 ext. papers	34,916 ext. citations	9 avg, IF	8.07 L-index

#	Paper	IF	Citations
7 <sup>11</sup>	Secure Wirelessly Powered Networks at the Physical Layer: Challenges, Countermeasures, and Road Ahead. <i>Proceedings of the IEEE</i> , <b>2022</b> , 110, 193-209	14.3	1
7 <sup>10</sup>	Applications of Auction and Mechanism Design in Edge Computing: A Survey. <i>IEEE Transactions on Cognitive Communications and Networking</i> , <b>2022</b> , 1-1	6.6	4
7 <sup>09</sup>	Adaptive Aggregate Transmission for Device-to-Multi-Device Aided Cooperative NOMA Networks. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2022</b> , 1-1	14.2	1
7 <sup>08</sup>	Dynamics in Coded Edge Computing for IoT: A Fractional Evolutionary Game Approach. <i>IEEE Internet of Things Journal</i> , <b>2022</b> , 1-1	10.7	0
7 <sup>07</sup>	Dynamic Network Service Selection in Intelligent Reflecting Surface-Enabled Wireless Systems: Game Theory Approaches. <i>IEEE Transactions on Wireless Communications</i> , <b>2022</b> , 1-1	9.6	1
7 <sup>06</sup>	A Hierarchical Incentive Design Toward Motivating Participation in Coded Federated Learning. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2022</b> , 40, 359-375	14.2	5
7 <sup>05</sup>	Learning to Schedule Joint Radar-Communication With Deep Multi-Agent Reinforcement Learning. <i>IEEE Transactions on Vehicular Technology</i> , <b>2022</b> , 71, 406-422	6.8	2
7 <sup>04</sup>	Federated Transfer Learning With Client Selection for Intrusion Detection in Mobile Edge Computing. <i>IEEE Communications Letters</i> , <b>2022</b> , 1-1	3.8	4
7 <sup>03</sup>	Learning to Optimize User Association and Spectrum Allocation with Partial Observation in mmWave-Enabled UAV Networks. <i>IEEE Transactions on Wireless Communications</i> , <b>2022</b> , 1-1	9.6	0
7 <sup>02</sup>	Stochastic Coded Offloading Scheme for Unmanned Aerial Vehicle-Assisted Edge Computing. <i>IEEE Internet of Things Journal</i> , <b>2022</b> , 1-1	10.7	1
7 <sup>01</sup>	Risk Adversarial Learning System for Connected and Autonomous Vehicle Charging. <i>IEEE Internet of Things Journal</i> , <b>2022</b> , 1-1	10.7	0
7 <sup>00</sup>	Auction Mechanisms in Cloud/Fog Computing Resource Allocation for Public Blockchain Networks <b>2022</b> , 55-80		0
699	Mechanism Design for Wireless Powered Spatial Crowdsourcing Networks <b>2022</b> , 81-106		
698	Towards Communication-Efficient and Attack-Resistant Federated Edge Learning for Industrial Internet of Things. <i>ACM Transactions on Internet Technology</i> , <b>2022</b> , 22, 1-22	3.8	6
697	Towards Small AoI and Low Latency via Operator Content Platform: A Contract Theory-Based Pricing. <i>IEEE Transactions on Communications</i> , <b>2022</b> , 70, 366-378	6.9	1
696	Decentralized Edge Intelligence: A Dynamic Resource Allocation Framework for Hierarchical Federated Learning. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2022</b> , 33, 536-550	3.7	35
695	Mean-Field Artificial Noise Assistance and Uplink Power Control in Covert IoT Systems. <i>IEEE Transactions on Wireless Communications</i> , <b>2022</b> , 1-1	9.6	3

694	Performance and Optimization of Reconfigurable Intelligent Surface Aided THz Communications. <i>IEEE Transactions on Communications</i> , <b>2022</b> , 1-1	6.9	8
693	A Novel Joint Dataset and Incentive Management Mechanism for Federated Learning Over MEC. <i>IEEE Access</i> , <b>2022</b> , 10, 30026-30038	3.5	1
692	Access Management in Joint Sensing and Communication Systems: Efficiency versus Fairness. <i>IEEE Transactions on Vehicular Technology</i> , <b>2022</b> , 1-1	6.8	0
691	Data Heterogeneity-Robust Federated Learning via Group Client Selection in Industrial IoT. <i>IEEE Internet of Things Journal</i> , <b>2022</b> , 1-1	10.7	5
690	Applications of Multi-Agent Reinforcement Learning in Future Internet: A Comprehensive Survey. <i>IEEE Communications Surveys and Tutorials</i> , <b>2022</b> , 1-1	37.1	1
689	Predictive Maintenance Model for IIoT-based Manufacturing: A Transferable Deep Reinforcement Learning Approach. <i>IEEE Internet of Things Journal</i> , <b>2022</b> , 1-1	10.7	0
688	When Optimization Meets Machine Learning: The Case of IRS-Assisted Wireless Networks. <i>IEEE Network</i> , <b>2022</b> , 1-9	11.4	
687	Robust Semi-supervised Federated Learning for Images Automatic Recognition in Internet of Drones. <i>IEEE Internet of Things Journal</i> , <b>2022</b> , 1-1	10.7	0
686	Enhanced Modulation for Multi-Users Molecular Communication in Internet of Nano Things. <i>IEEE Internet of Things Journal</i> , <b>2022</b> , 1-1	10.7	1
685	Reconfigurable Intelligent Surface-Aided Joint Radar and Covert Communications: Fundamentals, Optimization, and Challenges. <i>IEEE Vehicular Technology Magazine</i> , <b>2022</b> , 2-12	9.9	1
684	Secure and Efficient Coded Multi-Access Edge Computing with Generalized Graph Neural Networks. <i>IEEE Transactions on Mobile Computing</i> , <b>2022</b> , 1-1	4.6	0
683	Heterogeneous Federated Learning via Grouped Sequential-to-Parallel Training. <i>Lecture Notes in Computer Science</i> , <b>2022</b> , 455-471	0.9	1
682	Communication-Efficient and Cross-chain Empowered Federated Learning for Artificial Intelligence of Things. <i>IEEE Transactions on Network Science and Engineering</i> , <b>2022</b> , 1-1	4.9	9
681	Incentive Mechanisms for Federated Learning: From Economic and Game Theoretic Perspective. <i>IEEE Transactions on Cognitive Communications and Networking</i> , <b>2022</b> , 1-1	6.6	2
680	Efficient Federated Learning with Spike Neural Networks for Traffic Sign Recognition. <i>IEEE Transactions on Vehicular Technology</i> , <b>2022</b> , 1-1	6.8	5
679	Augmented Human Intelligence for Decision Making in Maintenance Risk Taking Tasks using Reinforcement Learning <b>2021</b> ,		1
678	IEEE TCCN Special Section Editorial: Convergence of Collaborative Distributed Machine Learning and Edge Computing Toward Intelligent Networking. <i>IEEE Transactions on Cognitive Communications and Networking</i> , <b>2021</b> , 7, 1016-1020	6.6	
677	<b>2021</b> ,		1

676	An Effective Framework of Private Ethereum Blockchain Networks for Smart Grid <b>2021</b> ,		1
675	A Double Auction Mechanism for Resource Allocation in Coded Vehicular Edge Computing. <i>IEEE Transactions on Vehicular Technology</i> , <b>2021</b> , 1-1	6.8	2
674	Artificial-Noise-Aided Coordinated Secure Transmission Design in Multi-Cell Multi-Antenna Networks with Limited Feedback. <i>IEEE Transactions on Vehicular Technology</i> , <b>2021</b> , 1-1	6.8	3
673	Reputation-aware Hedonic Coalition Formation for Efficient Serverless Hierarchical Federated Learning. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2021</b> , 1-1	3.7	3
672	IRS-Assisted Secure UAV Transmission via Joint Trajectory and Beamforming Design. <i>IEEE Transactions on Communications</i> , <b>2021</b> , 1-1	6.9	21
671	Spatial-Temporal Aggregation Graph Convolution Network for Efficient Mobile Cellular Traffic Prediction. <i>IEEE Communications Letters</i> , <b>2021</b> , 1-1	3.8	3
670	IEEE Communications Surveys and Tutorials. <i>IEEE Communications Surveys and Tutorials</i> , <b>2021</b> , 23, 2058-2068	3.6	1
669	Jammer-Assisted Secure Precoding and Feedback Design for MIMO IoT Networks. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 1-1	10.7	0
668	Intelligent Reflecting Surface-Assisted Bistatic Backscatter Networks: Joint Beamforming and Reflection Design. <i>IEEE Transactions on Green Communications and Networking</i> , <b>2021</b> , 1-1	4	1
667	Robust Beamforming Optimization for Self-Sustainable Intelligent Reflecting Surface Assisted Wireless Networks. <i>IEEE Transactions on Cognitive Communications and Networking</i> , <b>2021</b> , 1-1	6.6	2
666	Optimal Power Allocation for Rate Splitting Communications With Deep Reinforcement Learning. <i>IEEE Wireless Communications Letters</i> , <b>2021</b> , 1-1	5.9	6
665	Decentralized Learning for Channel Allocation in IoT Networks over Unlicensed Bandwidth as a Contextual Multi-player Multi-armed Bandit Game. <i>IEEE Transactions on Wireless Communications</i> , <b>2021</b> , 1-1	9.6	1
664	Dynamic Edge Association and Resource Allocation in Self-Organizing Hierarchical Federated Learning Networks. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2021</b> , 39, 3640-3653	14.2	22
663	On Coordination of Smart Grid and Cooperative Cloud Providers. <i>IEEE Systems Journal</i> , <b>2021</b> , 15, 672-683	4.3	2
662	Joint Auction-Coalition Formation Framework for Communication-Efficient Federated Learning in UAV-Enabled Internet of Vehicles. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2021</b> , 22, 2326-2344	6.1	28
661	Jamming Mitigation in JRC Systems via Deep Reinforcement Learning and Backscatter-supported Intelligent Deception Strategy <b>2021</b> ,		1
660	. <i>IEEE Transactions on Wireless Communications</i> , <b>2021</b> , 20, 2977-2990	9.6	15
659	Coverage and area spectral efficiency analysis of dense terahertz networks in finite region. <i>China Communications</i> , <b>2021</b> , 18, 120-130	3	0

658	A Hierarchical Game Model for OFDM Integrated Radar and Communication Systems. <i>IEEE Transactions on Vehicular Technology</i> , <b>2021</b> , 70, 5077-5082	6.8	2
657	Incentive-Based Coded Distributed Computing Management for Latency Reduction in IoT Services: A Game Theoretic Approach. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 8, 8259-8278	10.7	5
656	A Novel Joint Mobile Cache and Power Management Scheme for Energy-Efficient Mobile Augmented Reality Service in Mobile Edge Computing. <i>IEEE Wireless Communications Letters</i> , <b>2021</b> , 10, 1061-1065	5.9	5
655	. <i>IEEE Transactions on Vehicular Technology</i> , <b>2021</b> , 70, 4924-4942	6.8	2
654	Dynamic Network Service Selection in IRS-Assisted Wireless Networks: A Game Theory Approach. <i>IEEE Transactions on Vehicular Technology</i> , <b>2021</b> , 70, 5160-5165	6.8	4
653	Energy Consumption Minimization in UAV-Assisted Mobile-Edge Computing Systems: Joint Resource Allocation and Trajectory Design. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 8, 8570-8584	10.7	11
652	. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 8, 8865-8882	10.7	4
651	Cooperative UAV-Assisted Secure Uplink Communications With Propulsion Power Limitation <b>2021</b> ,		1
650	Opportunistic Coded Distributed Computing: An Evolutionary Game Approach <b>2021</b> ,		1
649	AI-Assisted MAC for Reconfigurable Intelligent-Surface-Aided Wireless Networks: Challenges and Opportunities. <i>IEEE Communications Magazine</i> , <b>2021</b> , 59, 21-27	9.1	11
648	. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 8, 8836-8853	10.7	51
647	Contract-Theoretic Pricing for Security Deposits in Sharded Blockchain With Internet of Things (IoT). <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 8, 10052-10070	10.7	5
646	UAV-Aided Multi-Antenna Covert Communication Against Multiple Wardens <b>2021</b> ,		3
645	Bayesian Reinforcement Learning and Bayesian Deep Learning for Blockchains With Mobile Edge Computing. <i>IEEE Transactions on Cognitive Communications and Networking</i> , <b>2021</b> , 7, 319-335	6.6	10
644	Dynamic Model for Network Selection in Next Generation HetNets With Memory-Affecting Rational Users. <i>IEEE Transactions on Mobile Computing</i> , <b>2021</b> , 20, 1365-1379	4.6	5
643	Joint Trajectory Design and Resource Allocation for Secure Transmission in Cache-Enabled UAV-Relaying Networks With D2D Communications. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 8, 1557-1571	10.7	14
642	Blockchain for the Internet of Vehicles Towards Intelligent Transportation Systems: A Survey. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 8, 4157-4185	10.7	91
641	. <i>IEEE Transactions on Wireless Communications</i> , <b>2021</b> , 20, 375-388	9.6	125

640	Modeling of Multilayer Multicontent Latent Tree and Its Applications. <i>IEEE Transactions on Computational Social Systems</i> , <b>2021</b> , 8, 5-19	4.5	
639	A Multi-Leader Multi-Follower Game-Based Analysis for Incentive Mechanisms in Socially-Aware Mobile Crowdsensing. <i>IEEE Transactions on Wireless Communications</i> , <b>2021</b> , 20, 1457-1471	9.6	10
638	. <i>IEEE Transactions on Wireless Communications</i> , <b>2021</b> , 20, 1963-1974	9.6	41
637	Network Slicing for 5G with UE State Based Allocation and Blockchain Approach. <i>IEEE Network</i> , <b>2021</b> , 35, 184-190	11.4	4
636	Toward Smart Security Enhancement of Federated Learning Networks. <i>IEEE Network</i> , <b>2021</b> , 35, 340-347	11.4	6
635	UAV-Assisted Wireless Energy and Data Transfer With Deep Reinforcement Learning. <i>IEEE Transactions on Cognitive Communications and Networking</i> , <b>2021</b> , 7, 85-99	6.6	23
634	A Deep Reinforcement Learning Approach for Backscatter-Assisted Relay Communications. <i>IEEE Wireless Communications Letters</i> , <b>2021</b> , 10, 166-169	5.9	2
633	Revenue-Optimal Auction For Resource Allocation in Wireless Virtualization: A Deep Learning Approach. <i>IEEE Transactions on Mobile Computing</i> , <b>2021</b> , 1-1	4.6	0
632	LEO-Satellite-Assisted UAV: Joint Trajectory and Data Collection for Internet of Remote Things in 6G Aerial Access Networks. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 8, 9814-9826	10.7	25
631	. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 8, 1817-1829	10.7	79
630	Radio Resource Sharing and Edge Caching with Latency Constraint for Local 5G Operator: Geometric Programming Meets Stackelberg Game. <i>IEEE Transactions on Mobile Computing</i> , <b>2021</b> , 20, 707-721	4.6	3
629	Learning-Based Mobile Edge Computing Resource Management to Support Public Blockchain Networks. <i>IEEE Transactions on Mobile Computing</i> , <b>2021</b> , 20, 1092-1109	4.6	22
628	Deep Reinforcement Learning Based Predictive Maintenance Model for Effective Resource Management in Industrial IoT. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 1-1	10.7	1
627	Throughput-Maximized Relay Mode Selection and Resource Sharing <b>2021</b> , 73-96		
626	Reconfigurable Intelligent Surface Aided Power Control for Physical-Layer Broadcasting. <i>IEEE Transactions on Communications</i> , <b>2021</b> , 1-1	6.9	4
625	Optimal Status Update for Caching Enabled IoT Networks: A Dueling Deep R-Network Approach. <i>IEEE Transactions on Wireless Communications</i> , <b>2021</b> , 1-1	9.6	5
624	Soft-Health: Software-defined Fog Architecture for IoT Applications in Healthcare. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 1-1	10.7	3
623	Reflection Resource Management for Intelligent Reflecting Surface Aided Wireless Networks. <i>IEEE Transactions on Communications</i> , <b>2021</b> , 1-1	6.9	6

622	Meta Distribution of the SINR for mmWave Cellular Networks With Clusters. <i>IEEE Transactions on Communications</i> , <b>2021</b> , 1-1	6.9	3
621	eCIC configuration of Downlink and Uplink Decoupling with SWIPT in 5G Dense IoT HetNets. <i>IEEE Transactions on Wireless Communications</i> , <b>2021</b> , 1-1	9.6	1
620	Short-Packet Backscatter Assisted Wireless-Powered Relaying with NOMA: Mode Selection with Performance Estimation. <i>IEEE Transactions on Cognitive Communications and Networking</i> , <b>2021</b> , 1-1	6.6	4
619	Big Data Resource Management & Networks: Taxonomy, Survey, and Future Directions. <i>IEEE Communications Surveys and Tutorials</i> , <b>2021</b> , 1-1	37.1	7
618	Auction-Based Time Scheduling <b>2021</b> , 9-34		
617	Evolutionary Game-Based Access Point and Service Selection <b>2021</b> , 49-72		
616	Radio Resource Management in Joint Radar and Communication: A Comprehensive Survey. <i>IEEE Communications Surveys and Tutorials</i> , <b>2021</b> , 23, 780-814	37.1	22
615	A Survey of 6G Wireless Communications: Emerging Technologies. <i>Advances in Intelligent Systems and Computing</i> , <b>2021</b> , 150-170	0.4	5
614	Optimization-driven Hierarchical Learning Framework for Wireless Powered Backscatter-aided Relay Communications. <i>IEEE Transactions on Wireless Communications</i> , <b>2021</b> , 1-1	9.6	1
613	Distributed Resource Allocation in RF-Powered Cognitive Ambient Backscatter Networks. <i>IEEE Transactions on Green Communications and Networking</i> , <b>2021</b> , 1-1	4	2
612	Contract-Based Time Assignment <b>2021</b> , 35-47		
611	Fast, Reliable, and Secure Drone Communication: A Comprehensive Survey. <i>IEEE Communications Surveys and Tutorials</i> , <b>2021</b> , 1-1	37.1	17
610	UAV-Aided Covert Communication With a Multi-Antenna Jammer. <i>IEEE Transactions on Vehicular Technology</i> , <b>2021</b> , 1-1	6.8	5
609	Blockchain and 6G: The Future of Secure and Ubiquitous Communication. <i>IEEE Wireless Communications</i> , <b>2021</b> , 1-8	13.4	10
608	UAV-Assisted Time-Efficient Data Collection via Uplink NOMA. <i>IEEE Transactions on Communications</i> , <b>2021</b> , 1-1	6.9	4
607	Adaptive Task Offloading in Coded Edge Computing: A Deep Reinforcement Learning Approach. <i>IEEE Communications Letters</i> , <b>2021</b> , 1-1	3.8	1
606	A Joint Energy and Latency Framework for Transfer Learning Over 5G Industrial Edge Networks. <i>IEEE Transactions on Industrial Informatics</i> , <b>2021</b> , 1-1	11.9	5
605	Brain Storm Optimization-Based Edge Caching in Fog Radio Access Networks. <i>IEEE Transactions on Vehicular Technology</i> , <b>2021</b> , 70, 1807-1820	6.8	5



604	Optimizing Task Assignment for Reliable Blockchain-Empowered Federated Edge Learning. <i>IEEE Transactions on Vehicular Technology</i> , <b>2021</b> , 70, 1910-1923	6.8	19
603	Time-Efficient Uplink Data Collection for UAV-assisted NOMA networks <b>2021</b> ,		1
602	Robust Beamforming for IRS-assisted Wireless Communications under Channel Uncertainty <b>2021</b> ,		3
601	Converged Reconfigurable Intelligent Surface and Mobile Edge Computing for Space Information Networks. <i>IEEE Network</i> , <b>2021</b> , 35, 42-48	11.4	4
600	Shipper Cooperation in Stochastic Drone Delivery: A Dynamic Bayesian Game Approach. <i>IEEE Transactions on Vehicular Technology</i> , <b>2021</b> , 70, 7437-7452	6.8	3
599	Towards Federated Learning in UAV-Enabled Internet of Vehicles: A Multi-Dimensional Contract-Matching Approach. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2021</b> , 22, 5140-5154	6.1	39
598	Age of Information Aware Content Resale Mechanism With Edge Caching. <i>IEEE Transactions on Communications</i> , <b>2021</b> , 69, 5269-5282	6.9	1
597	Blockchain and Artificial Intelligence for Dynamic Resource Sharing in 6G and Beyond. <i>IEEE Wireless Communications</i> , <b>2021</b> , 28, 145-151	13.4	19
596	Cost-Effective Active Sparse Urban Sensing: Adversarial Autoencoder Approach. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 8, 12064-12078	10.7	2
595	Covert Communication in UAV-Assisted Air-Ground Networks. <i>IEEE Wireless Communications</i> , <b>2021</b> , 28, 190-197	13.4	14
594	Improper Gaussian Signaling for D2D Communication Coexisting MISO Cellular Networks. <i>IEEE Transactions on Wireless Communications</i> , <b>2021</b> , 20, 5186-5198	9.6	3
593	Federated Learning Meets Blockchain in Edge Computing: Opportunities and Challenges. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 8, 12806-12825	10.7	50
592	Decentralized Online Learning With Compressed Communication for Near-Sensor Data Analytics. <i>IEEE Communications Letters</i> , <b>2021</b> , 25, 2958-2962	3.8	
591	Cyber Insurance Design for Validator Rotation in Sharded Blockchain Networks: A Hierarchical Game-Based Approach. <i>IEEE Transactions on Network and Service Management</i> , <b>2021</b> , 18, 3092-3106	4.8	3
590	Socially-Aware-Clustering-Enabled Federated Learning for Edge Networks. <i>IEEE Transactions on Network and Service Management</i> , <b>2021</b> , 18, 2641-2658	4.8	6
589	Detection of Sleeping Cells in Self-Organizing Cellular Networks: An Adversarial Auto-Encoder Method. <i>IEEE Transactions on Cognitive Communications and Networking</i> , <b>2021</b> , 7, 739-751	6.6	0
588	. <i>IEEE Transactions on Mobile Computing</i> , <b>2021</b> , 20, 2763-2778	4.6	9
587	Optimal Mechanism Design in the Sponsored Content Service Market. <i>IEEE Communications Letters</i> , <b>2021</b> , 25, 3051-3054	3.8	



586	Throughput Maximization for IRS-Assisted Wireless Powered Hybrid NOMA and TDMA. <i>IEEE Wireless Communications Letters</i> , <b>2021</b> , 10, 1944-1948	5.9	21
585	. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2021</b> , 39, 3035-3050	14.2	22
584	Throughput-Efficient Lagrange Coded Private Blockchain for Secured IoT Systems. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 8, 14874-14895	10.7	6
583	Computation offloading and content caching and delivery in Vehicular Edge Network: A survey. <i>Computer Networks</i> , <b>2021</b> , 197, 108228	5.4	3
582	Joint UAV-Placement and Data Delivery in Aerial Inspection under Uncertainties. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 1-1	10.7	1
581	Cooperative Scheme for Backscatter-Aided Passive Relay Communications in Wireless-Powered D2D Networks. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 1-1	10.7	6
580	Challenges and Countermeasures for Adversarial Attacks on Deep Reinforcement Learning. <i>IEEE Transactions on Artificial Intelligence</i> , <b>2021</b> , 1-1	4.7	5
579	6G Internet of Things: A Comprehensive Survey. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 1-1	10.7	63
578	Dual-UAV Enabled Secure Data Collection With Propulsion Limitation. <i>IEEE Transactions on Wireless Communications</i> , <b>2021</b> , 1-1	9.6	3
577	Securing Data Sharing from the Sky: Integrating Blockchains into Drones in 5G and Beyond. <i>IEEE Network</i> , <b>2021</b> , 35, 78-85	11.4	11
576	A Comprehensive Survey on Coded Distributed Computing: Fundamentals, Challenges, and Networking Applications. <i>IEEE Communications Surveys and Tutorials</i> , <b>2021</b> , 23, 1800-1837	37.1	8
575	Slicing-based Reliable Resource Orchestration for Secure Software Defined Edge-Cloud Computing Systems. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 1-1	10.7	1
574	UAV-assisted Communication Efficient Federated Learning in the Era of the Artificial Intelligence of Things. <i>IEEE Network</i> , <b>2021</b> , 1-8	11.4	12
573	Protecting Multi-function Wireless Systems From Jammers with Backscatter Assistance: An Intelligent Strategy. <i>IEEE Transactions on Vehicular Technology</i> , <b>2021</b> , 1-1	6.8	1
572	Blockchain for Future Smart Grid: A Comprehensive Survey. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 8, 18-43	10.7	115
571	Spectrum-Learning-Aided Reconfigurable Intelligent Surfaces for Green 5G Networks. <i>IEEE Network</i> , <b>2021</b> , 35, 20-26	11.4	3
570	Latency Minimization in Covert Communication-Enabled Federated Learning Network. <i>IEEE Transactions on Vehicular Technology</i> , <b>2021</b> , 70, 13447-13452	6.8	2
569	Reliable Federated Learning for Mobile Networks. <i>IEEE Wireless Communications</i> , <b>2020</b> , 27, 72-80	13.4	142

568	Federated Learning in Mobile Edge Networks: A Comprehensive Survey. <i>IEEE Communications Surveys and Tutorials</i> , <b>2020</b> , 22, 2031-2063	37.1	414
567	A Multi-Dimensional Contract Approach for Data Rewarding in Mobile Networks. <i>IEEE Transactions on Wireless Communications</i> , <b>2020</b> , 19, 5779-5793	9.6	13
566	Overview of Modern Computer Networks <b>2020</b> , 11-51		
565	Mechanism Design and Auction Theory in Computer Networks <b>2020</b> , 52-71		
564	Open-Cry Auction <b>2020</b> , 72-99		
563	First-Price Sealed-Bid Auction <b>2020</b> , 100-118		
562	Double-Sided Auction <b>2020</b> , 189-214		
561	Other Auctions <b>2020</b> , 215-235		
560	Second-Price Sealed-Bid Auction <b>2020</b> , 119-157		
559	Combinatorial Auction <b>2020</b> , 158-188		
558	Optimal Auction Using Machine Learning <b>2020</b> , 236-259		
557	A Sustainable Incentive Scheme for Federated Learning. <i>IEEE Intelligent Systems</i> , <b>2020</b> , 35, 58-69	4.2	19
556	Reliable and Efficient Multimedia Service Optimization for Edge Computing-Based 5G Networks: Game Theoretic Approaches. <i>IEEE Transactions on Network and Service Management</i> , <b>2020</b> , 17, 1610-1625	4.8	10
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414	Applications of Game Theory in Network Virtualization <b>2019</b> , 258-269		
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397	Dynamic Games in Federated Learning Training Service Market <b>2019</b> ,		3
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337	Deep Reinforcement Learning for User Association and Resource Allocation in Heterogeneous Networks <b>2018</b> ,		28
336	Wireless Caching Helper Networks: Ginibre Point Process Modeling and Analysis <b>2018</b> ,		1
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