Zhu Han

List of Publications by Year in Descending Order

912 papers	27,444 citations	76 h-index	138 g-index
1,024 ext. papers	34,710 ext. citations	7.6 avg, IF	7.98 L-index

#	Paper	IF	Citations
912	Age of Information in Energy Harvesting Aided Massive Multiple Access Networks. *IEEE Journal on Selected Areas in Communications*, **2022**, 1-1	14.2	36
911	Content Distribution based on Joint V2I and V2V Scheduling in mmWave Vehicular Networks. *IEEE Transactions on Vehicular Technology*, **2022**, 1-1	6.8	0
910	A Dynamic Handover Software-Defined Transmission Control Scheme in Space-Air-Ground Integrated Networks. *IEEE Transactions on Wireless Communications*, **2022**, 1-1	9.6	0
909	Massive Access of Static and Mobile Users via Reconfigurable Intelligent Surfaces: Protocol Design and Performance Analysis. *IEEE Journal on Selected Areas in Communications*, **2022**, 1-1	14.2	3
908	RIS-Aided Ground-Aerial NOMA Communications: A Distributionally Robust DRL Approach. *IEEE Journal on Selected Areas in Communications*, **2022**, 1-1	14.2	10
907	Blockchain Assisted Decentralized Federated Learning (BLADE-FL): Performance Analysis and Resource Allocation. *IEEE Transactions on Parallel and Distributed Systems*, **2022**, 1-1	3.7	10
906	Peer-to-Peer Energy Trading and Energy Conversion in Interconnected Multi-Energy Microgrids Using Multi-Agent Deep Reinforcement Learning. *IEEE Transactions on Smart Grid*, **2022**, 13, 715-727	10.7	9
905	MetaSketch: Wireless Semantic Segmentation by Reconfigurable Intelligent Surfaces. *IEEE Transactions on Wireless Communications*, **2022**, 1-1	9.6	4
904	Deep Reinforcement Learning Based Resource Allocation for Content Distribution in Fog Radio Access Networks. *IEEE Internet of Things Journal*, **2022**, 1-1	10.7	1
903	Utility Optimization for Resource Allocation in Multi-Access Edge Network Slicing: A Twin-Actor Deep Deterministic Policy Gradient Approach. *IEEE Transactions on Wireless Communications*, **2022**, 1-1	9.6	3
902	Design and Performance Analysis of 3D Markov Chain Model Based Fair Spectrum Sharing Access for IoT Services. *IEEE Internet of Things Journal*, **2022**, 1-1	10.7	
901	Stochastic Coded Offloading Scheme for Unmanned Aerial Vehicle-Assisted Edge Computing. *IEEE Internet of Things Journal*, **2022**, 1-1	10.7	1
900	Energy-Efficient Federated Learning over UAV-Enabled Wireless Powered Communications. *IEEE Transactions on Vehicular Technology*, **2022**, 1-1	6.8	8
899	Digital-Twin-Enabled 6G: Vision, Architectural Trends, and Future Directions. *IEEE Communications Magazine*, **2022**, 60, 74-80	9.1	19
898	Age of Information Minimization in Healthcare IoT Using Distributionally Robust Optimization. *IEEE Internet of Things Journal*, **2022**, 1-1	10.7	4
897	Low-Latency Federated Learning Over Wireless Channels With Differential Privacy. *IEEE Journal on Selected Areas in Communications*, **2022**, 40, 290-307	14.2	6
896	Mean Field Game based Dynamic Task Pricing in Mobile Crowd Sensing. *IEEE Internet of Things Journal*, **2022**, 1-1	10.7	

895	Deployment for High Altitude Platform Systems with Perturbation: Distributionally Robust Optimization Approach. *IEEE Communications Letters*, **2022**, 1-1	3.8	2
894	Deep Learning-Assisted Secure UAV-Relaying Networks with Channel Uncertainties. *IEEE Transactions on Vehicular Technology*, **2022**, 1-1	6.8	0
893	RL/DRL Meets Vehicular Task Offloading Using Edge and Vehicular Cloudlet: A Survey. *IEEE Internet of Things Journal*, **2022**, 1-1	10.7	8
892	Meta-Wall: Intelligent Omni-Surfaces Aided Multi-Cell MIMO Communications. *IEEE Transactions on Wireless Communications*, **2022**, 1-1	9.6	6
891	A Precoding Approach for Dual-Functional Radar-Communication System with One-Bit DACs. *IEEE Journal on Selected Areas in Communications*, **2022**, 1-1	14.2	0
890	Distributed Learning for Wireless Communications: Methods, Applications and Challenges. *IEEE Journal on Selected Topics in Signal Processing*, **2022**, 1-1	7.5	2
889	Modeling and Analysis of Opinion Dynamics in Social Networks Using Multiple-Population Mean Field Games. *IEEE Transactions on Signal and Information Processing Over Networks*, **2022**, 1-1	2.8	0
888	Deep Reinforcement Learning Coordinated Receiver Beamforming for Millimeter-Wave Train-ground Communications. *IEEE Transactions on Vehicular Technology*, **2022**, 1-1	6.8	2
887	Relay Hybrid Precoding in UAV-Assisted Wideband Millimeter-Wave Massive MIMO System. *IEEE Transactions on Wireless Communications*, **2022**, 1-1	9.6	2
886	Two-Stage Resource Allocation in Reconfigurable Intelligent Surface Assisted Hybrid Networks via Multi-Player Bandits. *IEEE Transactions on Communications*, **2022**, 1-1	6.9	1
885	Smartphone App Usage Analysis: Datasets, Methods, and Applications. *IEEE Communications Surveys and Tutorials*, **2022**, 1-1	37.1	1
884	Hierarchical Coded Caching Based Multiscale Content Sharing in Heterogeneous Vehicular Networks. *IEEE Transactions on Vehicular Technology*, **2022**, 1-1	6.8	
883	Hierarchical Aerial Computing for Internet of Things via Cooperation of HAPs and UAVs. *IEEE Internet of Things Journal*, **2022**, 1-1	10.7	6
882	Holographic Integrated Sensing and Communication. *IEEE Journal on Selected Areas in Communications*, **2022**, 1-1	14.2	4
881	Improving Physical Layer Security in Vehicles and Pedestrians Networks With Ambient Backscatter Communication. *IEEE Transactions on Intelligent Transportation Systems*, **2022**, 1-11	6.1	1
880	MetaRadar: Multi-target Detection for Reconfigurable Intelligent Surface Aided Radar Systems. *IEEE Transactions on Wireless Communications*, **2022**, 1-1	9.6	4
879	Energy-Efficient Resource Allocation in Multi-UAV-Assisted Two-Stage Edge Computing for Beyond 5G Networks. *IEEE Transactions on Intelligent Transportation Systems*, **2022**, 1-12	6.1	4
878	Energy-Efficient Velocity Control for Massive Numbers of UAVs: A Mean Field Game Approach. *IEEE Transactions on Vehicular Technology*, **2022**, 1-1	6.8	1

877	Joint Resource Management for Intelligent Reflecting Surface–Aided Visible Light Communications. *IEEE Transactions on Wireless Communications*, **2022**, 1-1	9.6	2
876	Intelligent Omni-Surfaces for Full-Dimensional Wireless Communications: Principles, Technology, and Implementation. *IEEE Communications Magazine*, **2022**, 60, 39-45	9.1	18
875	Non-Acted Text and Keystrokes Database and Learning Methods to Recognize Emotions. *ACM Transactions on Multimedia Computing, Communications and Applications*, **2022**, 18, 1-24	3.4	
874	Optimization on Multi-User Physical Layer Security of Intelligent Reflecting Surface-Aided VLC. *IEEE Wireless Communications Letters*, **2022**, 1-1	5.9	1
873	Joint 3-D Positioning and Power Allocation for UAV Relay Aided by Geographic Information. *IEEE Transactions on Wireless Communications*, **2022**, 1-1	9.6	0
872	Privacy-Aware Laser Wireless Power Transfer for Aerial Multi-Access Edge Computing: A Colonel Blotto Game Approach. *IEEE Internet of Things Journal*, **2022**, 1-1	10.7	
871	Distributed Auction-Based Incentive Mechanism for Energy Trading between Electric Vehicles and Mobile Charging Stations. *IEEE Access*, **2022**, 1-1	3.5	1
870	A Business Model for Resource Sharing in Cell-Free UAVs-Assisted Wireless Networks. *IEEE Transactions on Vehicular Technology*, **2022**, 1-1	6.8	1
869	Opinion Evolution in Social Networks: Connecting Mean Field Games to Generative Adversarial Nets. *IEEE Transactions on Network Science and Engineering*, **2022**, 1-1	4.9	
868	Maximizing dirty-paper coding rate of RIS-assisted multi-user MIMO broadcast channels. *Intelligent and Converged Networks*, **2022**, 3, 64-73	4	0
867	Toward Ubiquitous Sensing and Localization With Reconfigurable Intelligent Surfaces. *Proceedings of the IEEE*, **2022**, 1-22	14.3	6
866	Joint Illumination and Communication Optimization in Indoor VLC for IoT Applications. *IEEE Internet of Things Journal*, **2022**, 1-1	10.7	2
865	Affective Computing Model with Impulse Control in Internet of Things based on Affective Robotics. *IEEE Internet of Things Journal*, **2022**, 1-1	10.7	
864	Underwater Optical Channel Generator: A Generative Adversarial Network Based Approach. *IEEE Transactions on Wireless Communications*, **2022**, 1-1	9.6	
863	A Reinforcement Learning Approach for Defending Against Multi-Scenario Load Redistribution Attacks. *IEEE Transactions on Smart Grid*, **2022**, 1-1	10.7	1
862	Age-of-Information in First-Come-First-Served Wireless Communications: Upper Bound and Performance Optimization. *IEEE Transactions on Vehicular Technology*, **2022**, 1-1	6.8	1
861	LEAF + AIO: Edge-Assisted Energy-Aware Object Detection for Mobile Augmented Reality. *IEEE Transactions on Mobile Computing*, **2022**, 1-1	4.6	
860	Dynamic Task Pricing in Mobile Crowd Sensing: an Age of Information-based Queueing Game Scheme. *IEEE Internet of Things Journal*, **2022**, 1-1	10.7	1

859	Co-Optimizing Battery Storage for Energy Arbitrage and Frequency Regulation in Real-Time Markets Using Deep Reinforcement Learning. *Energies*, **2021**, 14, 8365	3.1	1
858	Multi-Agent Reinforcement Learning Aided Intelligent UAV Swarm for Target Tracking. *IEEE Transactions on Vehicular Technology*, **2021**, 1-1	6.8	10
857	. *Journal of Communications and Networks*, **2021**, 1-15	4.1	4
856	Modeling COVID-19 with mean field evolutionary dynamics: Social distancing and seasonality. *Journal of Communications and Networks*, **2021**, 23, 314-325	4.1	0
855	Vehicular Networks and Autonomous Driving Cars. *Wireless Networks*, **2021**, 179-220	0.6	
854	Transceiver Optimization for Wireless Powered Time-Division Duplex MU-MIMO Systems: Non-Robust and Robust Designs. *IEEE Transactions on Wireless Communications*, **2021**, 1-1	9.6	3
853	A Learning Aided Long-Term User Association Scheme for Ultra-Dense Networks. *IEEE Transactions on Vehicular Technology*, **2021**, 1-1	6.8	1
852	Overview of Mean Field Games in Wireless Networks. *Wireless Networks*, **2021**, 1-21	0.6	
851	Cost-Efficient Beam Management and Resource Allocation in Millimeter Wave Backhaul HetNets with Hybrid Energy Supply. *IEEE Transactions on Wireless Communications*, **2021**, 1-1	9.6	1
850	Mean Field Game Applications in Ultra-Dense 5G, 6G, and Beyond Wireless Networks. *Wireless Networks*, **2021**, 83-111	0.6	0
849	Fundamentals of Federated Learning. *Wireless Networks*, **2021**, 11-23	0.6	0
848	Smart Industries and Intelligent Reflecting Surfaces. *Wireless Networks*, **2021**, 221-239	0.6	1
847	Assessment of Overloading Correlations Among Transmission Lines Under Load Redistribution Attacks. *IEEE Transactions on Smart Grid*, **2021**, 1-1	10.7	0
846	ST-BFL: A Structured Transparency Empowered Cross-Silo Federated Learning on the Blockchain Framework. *IEEE Access*, **2021**, 9, 155634-155650	3.5	5
845	Towards Data Collection and Transmission in 6G Space-Air-Ground Integrated Networks: Cooperative HAP and LEO Satellite Schemes. *IEEE Internet of Things Journal*, **2021**, 1-1	10.7	3
844	Security and Privacy. *Wireless Networks*, **2021**, 129-141	0.6	
843	Distributed Clustering-Based Cooperative Vehicular Edge Computing for Real-Time Offloading Requests. *IEEE Transactions on Vehicular Technology*, **2021**, 1-1	6.8	1
842	Towards Energy-Efficient Multiple IRSs: Federated Learning Based Configuration Optimization. *IEEE Transactions on Green Communications and Networking*, **2021**, 1-1	4	1

841	Safeguarding UAV-Enabled Wireless Power Transfer Against Aerial Eavesdropper: A Colonel Blotto Game. *IEEE Wireless Communications Letters*, **2021**, 1-1	5.9	
840	3D Geo-Indistinguishability for Indoor Location-Based Services. *IEEE Transactions on Wireless Communications*, **2021**, 1-1	9.6	0
839	Blockchain Based Task Offloading for Edge Computing on Low-Quality Data via Distributed Learning in the Internet of Energy. *IEEE Journal on Selected Areas in Communications*, **2021**, 1-1	14.2	6
838	Following the Correct Direction: Renovating Sparsified SGD towards Global Optimization in Distributed Edge Learning. *IEEE Journal on Selected Areas in Communications*, **2021**, 1-1	14.2	2
837	Radio and Computing Resource Allocation in Co-located Edge Computing: A Generalized Nash Equilibrium Model. *IEEE Transactions on Mobile Computing*, **2021**, 1-1	4.6	1
836	Federated Anomaly Analytics for Local Model Poisoning Attack. *IEEE Journal on Selected Areas in Communications*, **2021**, 1-1	14.2	1
835	Decentralized Learning for Channel Allocation in IoT Networks over Unlicensed Bandwidth as a Contextual Multi-player Multi-armed Bandit Game. *IEEE Transactions on Wireless Communications*, **2021**, 1-1	9.6	1
834	Privacy-Preserving Computation for Large-Scale Security-Constrained Optimal Power Flow Problem in Smart Grid. *IEEE Access*, **2021**, 9, 148144-148155	3.5	1
833	Differential Game Approach for Attack-Defense Strategy Analysis in Internet of Things Networks. *IEEE Internet of Things Journal*, **2021**, 1-1	10.7	1
832	A Survey of Mean Field Game Applications in Wireless Networks. *Wireless Networks*, **2021**, 61-82	0.6	0
831	RIS-Assisted mmWave Channel Estimation Using Convolutional Neural Networks **2021**,		2
830	Resource Allocation for NOMA-MEC Systems in Ultra-Dense Networks: A Learning Aided Mean-Field Game Approach. *IEEE Transactions on Wireless Communications*, **2021**, 20, 1487-1500	9.6	10
829	Tensor-Based Reinforcement Learning for Network Routing. *IEEE Journal on Selected Topics in Signal Processing*, **2021**, 15, 617-629	7.5	2
828	Robust Secrecy Competition With Aggregate Interference Constraint in Small-Cell Networks. *IEEE Transactions on Wireless Communications*, **2021**, 20, 2325-2340	9.6	6
827	RSS Fingerprinting Based Multi-user Outdoor Localization Using Reconfigurable Intelligent Surfaces **2021**,		1
826	Matching With Contracts-Based Resource Trading and Price Negotiation in Multi-Access Edge Computing. *IEEE Wireless Communications Letters*, **2021**, 10, 892-896	5.9	1
825	Artificial Noise-Aided Secure Relay Communication With Unknown Channel Knowledge of Eavesdropper. *IEEE Transactions on Wireless Communications*, **2021**, 20, 3168-3179	9.6	3
824	Distributionally Robust Chance-Constrained Backscatter Communication-Assisted Computation Offloading in WBANs. *IEEE Transactions on Communications*, **2021**, 69, 3395-3408	6.9	3

823	Edge Computing Resource Allocation for Unmanned Aerial Vehicle Assisted Mobile Network With Blockchain Applications. *IEEE Transactions on Wireless Communications*, **2021**, 20, 3107-3121	9.6	14
822	Joint UAV Access and GEO Satellite Backhaul in IoRT Networks: Performance Analysis and Optimization. *IEEE Internet of Things Journal*, **2021**, 8, 7126-7139	10.7	5
821	Joint Sensing Task Assignment and Collision-Free Trajectory Optimization for Mobile Vehicle Networks Using Mean-Field Games. *IEEE Internet of Things Journal*, **2021**, 8, 8488-8503	10.7	6
820	Distributed Deep Reinforcement Learning for Renewable Energy Accommodation Assessment With Communication Uncertainty in Internet of Energy. *IEEE Internet of Things Journal*, **2021**, 8, 8557-8569	10.7	4
819	UAV-Aided Low Latency Multi-Access Edge Computing. *IEEE Transactions on Vehicular Technology*, **2021**, 70, 4955-4967	6.8	6
818	Reconfigurable Intelligent Surface Assisted Device-to-Device Communications. *IEEE Transactions on Wireless Communications*, **2021**, 20, 2792-2804	9.6	24
817	Multi-Objective Resource Allocation for D2D and Enabled MC-NOMA Networks by Tchebycheff Method. *IEEE Transactions on Vehicular Technology*, **2021**, 70, 4464-4470	6.8	5
816	Reconfigurable Intelligent Surface Assisted Multi-User Communications: How Many Reflective Elements Do We Need?. *IEEE Wireless Communications Letters*, **2021**, 10, 1098-1102	5.9	11
815	Distributionally Robust Optimization for Peak Age of Information Minimization in E-Health IoT **2021**,		2
814	AI-Assisted MAC for Reconfigurable Intelligent-Surface-Aided Wireless Networks: Challenges and Opportunities. *IEEE Communications Magazine*, **2021**, 59, 21-27	9.1	11
813	. *IEEE Transactions on Cognitive Communications and Networking*, **2021**, 7, 452-465	6.6	16
812	Backhaul-Capacity-Aware Interference Mitigation Framework in 6G Cellular Internet of Things. *IEEE Internet of Things Journal*, **2021**, 8, 10071-10084	10.7	9
811	Spatial Equalization Before Reception: Reconfigurable Intelligent Surfaces for Multi-Path Mitigation **2021**,		8
810	Task Selection and Route Planning for Mobile Crowd Sensing Using Multi-Population Mean-Field Games **2021**,		2
809	Belief and Opinion Evolution in Social Networks: A High-Dimensional Mean Field Game Approach **2021**,		1
808	Many-to-Many Matching-Theory-Based Dynamic Bandwidth Allocation for UAVs. *IEEE Internet of Things Journal*, **2021**, 8, 9995-10009	10.7	4
807	Index-Domain Division Multiple Access for IoT Applications. *IEEE Internet of Things Journal*, **2021**, 8, 9014-9029	10.7	1
806	Securing Wireless Transmissions With RIS-Receiver Coordination: Passive Beamforming and Active Jamming. *IEEE Transactions on Vehicular Technology*, **2021**, 70, 6260-6265	6.8	4

805	An Optical Communication Approach for Ultra-High-Speed Train Running in Evacuated Tube: Potentials and Challenges. *IEEE Wireless Communications*, **2021**, 28, 70-76	13.4	2
804	Reconfigurable Intelligent Surfaces in 6G: Reflective, Transmissive, or Both?. *IEEE Communications Letters*, **2021**, 25, 2063-2067	3.8	23
803	Contract-Theoretic Pricing for Security Deposits in Sharded Blockchain With Internet of Things (IoT). *IEEE Internet of Things Journal*, **2021**, 8, 10052-10070	10.7	5
802	Computation Offloading in LEO Satellite Networks With Hybrid Cloud and Edge Computing. *IEEE Internet of Things Journal*, **2021**, 8, 9164-9176	10.7	17
801	Jamming Mitigation via Aerial Reconfigurable Intelligent Surface: Passive Beamforming and Deployment Optimization. *IEEE Transactions on Vehicular Technology*, **2021**, 70, 6232-6237	6.8	17
800	RIS Optimization on the Complex Circle Manifold for Interference Mitigation in Interference Channels. *IEEE Transactions on Vehicular Technology*, **2021**, 70, 6184-6189	6.8	8
799	FedSVRG Based Communication Efficient Scheme for Federated Learning in MEC Networks. *IEEE Transactions on Vehicular Technology*, **2021**, 70, 7300-7304	6.8	3
798	Latency-Sensitive Service Delivery With UAV-Assisted 5G Networks. *IEEE Wireless Communications Letters*, **2021**, 10, 1518-1522	5.9	2
797	Hierarchical Game for Networked Electric Vehicle Public Charging Under Time-Based Billing Model. *IEEE Transactions on Intelligent Transportation Systems*, **2021**, 22, 518-530	6.1	5
796	Codebook-Based Beam Tracking for Conformal Array-Enabled UAV mmWave Networks. *IEEE Internet of Things Journal*, **2021**, 8, 244-261	10.7	8
795	Enforcing Access Control in Information-Centric Edge Networking. *IEEE Transactions on Communications*, **2021**, 69, 353-364	6.9	0
794	. *IEEE Internet of Things Journal*, **2021**, 8, 813-828	10.7	16
793	Artificial Intelligence for Wireless Caching: Schemes, Performance, and Challenges. *IEEE Communications Surveys and Tutorials*, **2021**, 23, 631-661	37.1	15
792	Reconfigurable Intelligent Surface (RIS) Assisted Wireless Coverage Extension: RIS Orientation and Location Optimization. *IEEE Communications Letters*, **2021**, 25, 269-273	3.8	48
791	Reinforcement Learning Meets Wireless Networks: A Layering Perspective. *IEEE Internet of Things Journal*, **2021**, 8, 85-111	10.7	7
790	Towards Ubiquitous Positioning by Leveraging Reconfigurable Intelligent Surface. *IEEE Communications Letters*, **2021**, 25, 284-288	3.8	24
789	On Spatial Multiplexing Using Reconfigurable Intelligent Surfaces. *IEEE Wireless Communications Letters*, **2021**, 10, 226-230	5.9	7
788	Automatic Modulation Recognition: A Few-Shot Learning Method Based on the Capsule Network. *IEEE Wireless Communications Letters*, **2021**, 10, 474-477	5.9	9

787	Coexistence Mechanism Between eMBB and uRLLC in 5G Wireless Networks. *IEEE Transactions on Communications*, **2021**, 69, 1736-1749	6.9	27
786	Hierarchical Deep Reinforcement Learning for Backscattering Data Collection With Multiple UAVs. *IEEE Internet of Things Journal*, **2021**, 8, 3786-3800	10.7	25
785	Stochastic Delay Analysis for Satellite Data Relay Networks With Heterogeneous Traffic and Transmission Links. *IEEE Transactions on Wireless Communications*, **2021**, 20, 156-170	9.6	0
784	. *IEEE Journal on Selected Areas in Communications*, **2021**, 39, 1147-1159	14.2	23
783	Learning-Aided Resource Allocation for Pattern Division Multiple Access-Based SWIPT Systems. *IEEE Wireless Communications Letters*, **2021**, 10, 131-135	5.9	2
782	LEO-Satellite-Assisted UAV: Joint Trajectory and Data Collection for Internet of Remote Things in 6G Aerial Access Networks. *IEEE Internet of Things Journal*, **2021**, 8, 9814-9826	10.7	25
781	Cyclic Three-Sided Matching Game Inspired Wireless Network Virtualization. *IEEE Transactions on Mobile Computing*, **2021**, 20, 416-428	4.6	13
780	Age of Information Minimization for Grant-Free Non-orthogonal Massive Access using Mean-Field Games. *IEEE Transactions on Communications*, **2021**, 1-1	6.9	2
779	Asymptotic Achievability of the CramÉ-Rao Lower Bound of Channel Estimation for Reconfigurable Intelligent Surface Aided Communication Systems. *IEEE Wireless Communications Letters*, **2021**, 1-1	5.9	1
778	RIS Aided MIMO Communications. *Wireless Networks*, **2021**, 19-104	0.6	
777	Contract Theory based Incentive Design Mechanism for Opportunistic IoT Networks. *IEEE Internet of Things Journal*, **2021**, 1-1	10.7	2
776	Intelligent Omni-Surfaces: Ubiquitous Wireless Transmission by Reflective-Refractive Metasurfaces. *IEEE Transactions on Wireless Communications*, **2021**, 1-1	9.6	29
775	Task Selection and Collision-Free Route Planning for Mobile Crowd Sensing Using Multi-Population Mean-Field Games. *IEEE Transactions on Green Communications and Networking*, **2021**, 1-1	4	0
774	Meta Distribution of the SINR for mmWave Cellular Networks With Clusters. *IEEE Transactions on Communications*, **2021**, 1-1	6.9	3
773	Socially Driven Joint Optimization of Communication, Caching, and Computing Resources in Vehicular Networks. *IEEE Transactions on Wireless Communications*, **2021**, 1-1	9.6	3
772	Machine Learning-Based Resource Allocation in Satellite Networks Supporting Internet of Remote Things. *IEEE Transactions on Wireless Communications*, **2021**, 1-1	9.6	7
771	A Systematic Review on NOMA Variants for 5G and Beyond. *IEEE Access*, **2021**, 9, 85573-85644	3.5	18
770	Honeypot Detection Strategy against Advanced Persistent Threats in Industrial Internet of Things: A Prospect Theoretic Game. *IEEE Internet of Things Journal*, **2021**, 1-1	10.7	6

769	Energy-Constrained Computation Offloading in Space-Air-Ground Integrated Networks using Distributionally Robust Optimization. *IEEE Transactions on Vehicular Technology*, **2021**, 1-1	6.8	3
768	Gateway Placement in Integrated Satellite-Terrestrial Networks: Supporting Communications and Internet of Remote Things. *IEEE Internet of Things Journal*, **2021**, 1-1	10.7	2
767	On-device Computational Caching-Enabled Augmented Reality for 5G and Beyond: A Contract Theory-Based Incentive Mechanism. *IEEE Internet of Things Journal*, **2021**, 1-1	10.7	3
766	Make Smart Decisions Faster: Deciding D2D Resource Allocation via Stackelberg Game Guided Multi-Agent Deep Reinforcement Learning. *IEEE Transactions on Mobile Computing*, **2021**, 1-1	4.6	1
765	MetaLocalization: Reconfigurable Intelligent Surface Aided Multi-user Wireless Indoor Localization. *IEEE Transactions on Wireless Communications*, **2021**, 1-1	9.6	25
764	Convergences of RISs with Existing Wireless Technologies. *Wireless Networks*, **2021**, 105-160	0.6	
763	An Energy Efficient Scheme for WPCN-NOMA based Device-to-Device Communication. *IEEE Transactions on Vehicular Technology*, **2021**, 1-1	6.8	1
762	Edge-assisted Democratized Learning Towards Federated Analytics. *IEEE Internet of Things Journal*, **2021**, 1-1	10.7	6
761	Cooperative Control of Physical Collision and Transmission Power for UAV Swarm: A Dual-Fields Enabled Approach. *IEEE Internet of Things Journal*, **2021**, 1-1	10.7	1
760	RIS Aided RF Sensing and Localization. *Wireless Networks*, **2021**, 161-251	0.6	1
759	Introductions and Basics. *Wireless Networks*, **2021**, 1-17	0.6	
758	A Multi-Task CNN for Maritime Target Detection. *IEEE Signal Processing Letters*, **2021**, 28, 434-438	3.2	6
757	Adaptive and Robust Routing With Lyapunov-Based Deep RL in MEC Networks Enabled by Blockchains. *IEEE Internet of Things Journal*, **2021**, 8, 2208-2225	10.7	6
756	Multiple Correlated Attributes Based Physical Layer Authentication in Wireless Networks. *IEEE Transactions on Vehicular Technology*, **2021**, 70, 1673-1687	6.8	4
755	Energy Drain of the Object Detection Processing Pipeline for Mobile Devices: Analysis and Implications. *IEEE Transactions on Green Communications and Networking*, **2021**, 5, 41-60	4	0
754	MetaSensing: Intelligent Metasurface Assisted RF 3D Sensing by Deep Reinforcement Learning. *IEEE Journal on Selected Areas in Communications*, **2021**, 39, 2182-2197	14.2	11
753	UAV-to-Device Underlay Communications: Age of Information Minimization by Multi-Agent Deep Reinforcement Learning. *IEEE Transactions on Communications*, **2021**, 69, 4461-4475	6.9	7
752	Converged Reconfigurable Intelligent Surface and Mobile Edge Computing for Space Information Networks. *IEEE Network*, **2021**, 35, 42-48	11.4	4

751	Matching-Theory-Based Low-Latency Scheme for Multitask Federated Learning in MEC Networks. *IEEE Internet of Things Journal*, **2021**, 8, 11415-11426	10.7	19
750	A Greedy Flee in the Direction Routing Algorithm for Data Quality Control System of 3D Seismic Sensors Array. *IEEE Communications Letters*, **2021**, 25, 2415-2419	3.8	1
749	Attentional Markov Model for Human Mobility Prediction. *IEEE Journal on Selected Areas in Communications*, **2021**, 39, 2213-2225	14.2	7
748	. *IEEE Transactions on Vehicular Technology*, **2021**, 70, 6913-6929	6.8	0
747	Aging and Delay Analysis Based on Lyapunov Optimization and Martingale Theory. *IEEE Transactions on Vehicular Technology*, **2021**, 70, 8216-8226	6.8	1
746	Resource Allocation and Computation Offloading for Multi-Access Edge Computing With Fronthaul and Backhaul Constraints. *IEEE Transactions on Vehicular Technology*, **2021**, 70, 8037-8049	6.8	4
745	Traffic Allocation for Heterogeneous Links in Satellite Data Relay Networks. *IEEE Transactions on Vehicular Technology*, **2021**, 70, 8065-8079	6.8	0
744	An Incentive Mechanism for Federated Learning in Wireless Cellular Networks: An Auction Approach. *IEEE Transactions on Wireless Communications*, **2021**, 20, 4874-4887	9.6	21
743	Error Rate Analysis of Non-Orthogonal Multiple Access With Residual Hardware Impairments. *IEEE Communications Letters*, **2021**, 25, 2522-2526	3.8	2
742	Buffer-Aided Relay Selection for Cooperative Hybrid NOMA/OMA Networks With Asynchronous Deep Reinforcement Learning. *IEEE Journal on Selected Areas in Communications*, **2021**, 39, 2514-2525	14.2	5
741	HAP-Reserved Communications in Space-Air-Ground Integrated Networks. *IEEE Transactions on Vehicular Technology*, **2021**, 70, 8286-8291	6.8	6
740	Throughput Enhancement of Full-Duplex CSMA Networks Using Multiplayer Bandits. *IEEE Internet of Things Journal*, **2021**, 8, 11807-11821	10.7	0
739	Delay Optimal Random Access With Heterogeneous Device Capabilities in Energy Harvesting Networks Using Mean Field Game. *IEEE Transactions on Wireless Communications*, **2021**, 20, 5543-5557	9.6	2
738	Reconfigurable-Intelligent-Surface-Assisted MAC for Wireless Networks: Protocol Design, Analysis, and Optimization. *IEEE Internet of Things Journal*, **2021**, 8, 14171-14186	10.7	13
737	Cyber Insurance Design for Validator Rotation in Sharded Blockchain Networks: A Hierarchical Game-Based Approach. *IEEE Transactions on Network and Service Management*, **2021**, 18, 3092-3106	4.8	3
736	Socially-Aware-Clustering-Enabled Federated Learning for Edge Networks. *IEEE Transactions on Network and Service Management*, **2021**, 18, 2641-2658	4.8	6
735	Joint Buffer-Aided Hybrid-Duplex Relay Selection and Power Allocation for Secure Cognitive Networks With Double Deep Q-Network. *IEEE Transactions on Cognitive Communications and Networking*, **2021**, 7, 834-844	6.6	4
734	Data Freshness and Energy-Efficient UAV Navigation Optimization: A Deep Reinforcement Learning Approach. *IEEE Transactions on Intelligent Transportation Systems*, **2021**, 22, 5994-6006	6.1	25

733	VNF-Based Service Provision in Software Defined LEO Satellite Networks. *IEEE Transactions on Wireless Communications*, **2021**, 20, 6139-6153	9.6	10
732	Contract-Based Incentive Mechanisms for Honeypot Defense in Advanced Metering Infrastructure. *IEEE Transactions on Smart Grid*, **2021**, 12, 4259-4268	10.7	0
731	Risk-Aware Energy Scheduling for Edge Computing With Microgrid: A Multi-Agent Deep Reinforcement Learning Approach. *IEEE Transactions on Network and Service Management*, **2021**, 18, 3476-3497	4.8	9
730	. *IEEE Journal on Selected Areas in Communications*, **2021**, 39, 3035-3050	14.2	22
729	Deep Reinforcement Learning Based Three-Dimensional Area Coverage With UAV Swarm. *IEEE Journal on Selected Areas in Communications*, **2021**, 39, 3160-3176	14.2	9
728	A fusing framework of shortcut convolutional neural networks. *Information Sciences*, **2021**, 579, 685-699	7.7	0
727	Deep Reinforcement Learning Assisted Federated Learning Algorithm for Data Management of IIoT. *IEEE Transactions on Industrial Informatics*, **2021**, 17, 8475-8484	11.9	38
726	. *IEEE Transactions on Smart Grid*, **2021**, 1-1	10.7	7
725	Residual Energy Maximization based Resource Allocation in Wireless Powered Edge Computing Industrial IoT. *IEEE Internet of Things Journal*, **2021**, 1-1	10.7	2
724	Wideband Underwater Wireless Optical Communication Based on Multi-carrier Autoencoder. *IEEE Wireless Communications Letters*, **2021**, 1-1	5.9	1
723	Data-Driven Transportation Network Company Vehicle Scheduling with Users' Location Differential Privacy Preservation. *IEEE Transactions on Mobile Computing*, **2021**, 1-1	4.6	1
722	Digital Twin for Federated Analytics Using A Bayesian Approach. *IEEE Internet of Things Journal*, **2021**, 1-1	10.7	10
721	Federated Learning for Internet of Things: Recent Advances, Taxonomy, and Open Challenges. *IEEE Communications Surveys and Tutorials*, **2021**, 23, 1759-1799	37.1	67
720	Stochastic Optimization Aided Energy-Efficient Information Collection in Internet of Underwater Things Networks. *IEEE Internet of Things Journal*, **2021**, 1-1	10.7	32
719	Reconfigurable Intelligent Surface-Empowered 6G. *Wireless Networks*, **2021**,	0.6	14
718	Cooperative Lossy Communications in Unmanned Aerial Vehicle Networks: Age-of-Information With Outage Probability. *IEEE Transactions on Vehicular Technology*, **2021**, 1-1	6.8	2
717	DeepCC: Multi-agent Deep Reinforcement Learning Congestion Control for Multi-Path TCP Based on Self-Attention. *IEEE Transactions on Network and Service Management*, **2021**, 1-1	4.8	4
716	An Efficient Certificateless Authenticated Key Exchange Protocol Resistant to Ephemeral Key Leakage Attack for V2V Communication in IoV. *IEEE Transactions on Vehicular Technology*, **2021**, 1-1	6.8	2

715	LEOPARD: Parallel Optimal Deep Echo State Network Prediction Improves Service Coverage for UAV-assisted Outdoor Hotspots. *IEEE Transactions on Cognitive Communications and Networking*, **2021**, 1-1	6.6	2
714	. *IEEE Access*, **2021**, 9, 130649-130664	3.5	0
713	Reconfigurable Holographic Surfaces for Future Wireless Communications. *IEEE Wireless Communications*, **2021**, 28, 126-131	13.4	8
712	Coalition Game Based Full-Duplex Popular Content Distribution in mmWave Vehicular Networks. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 13836-13848	6.8	3
711	Machine Learning Based Iterative Detection and Multi-Interference Cancellation for Cognitive IoT. *IEEE Communications Letters*, **2020**, 24, 1995-1999	3.8	2
710	Virtual Relay Selection in LTE-V: A Deep Reinforcement Learning Approach to Heterogeneous Data. *IEEE Access*, **2020**, 8, 102477-102492	3.5	7
709	Mission QoS and Satellite Service Lifetime Tradeoff in Remote Sensing Satellite Networks. *IEEE Wireless Communications Letters*, **2020**, 1-1	5.9	6
708	STCS: Spatial-Temporal Collaborative Sampling in Flow-Aware Software Defined Networks. *IEEE Journal on Selected Areas in Communications*, **2020**, 38, 999-1013	14.2	29
707	Computation Offloading with Instantaneous Load Billing for Mobile Edge Computing. *IEEE Transactions on Services Computing*, **2020**, 1-1	4.8	10
706	Equilibrium Problems With Equilibrium Constraints Analysis for Power Control and User Scheduling in NOMA Networks. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 5467-5480	6.8	5
705	Deep Convolutional Neural Network-Based Detector for Index Modulation. *IEEE Wireless Communications Letters*, **2020**, 9, 1705-1709	5.9	8
704	Auction based Incentive Design for Efficient Federated Learning in Cellular Wireless Networks **2020** ,		7
703	Self Organizing Federated Learning Over Wireless Networks: A Socially Aware Clustering Approach **2020**,		21
702	Mean Field Game Guided Deep Reinforcement Learning for Task Placement in Cooperative Multiaccess Edge Computing. *IEEE Internet of Things Journal*, **2020**, 7, 9330-9340	10.7	18
701	Edge Computing Resources Reservation in Vehicular Networks: A Meta-Learning Approach. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 5634-5646	6.8	22
700	Modeling and Performance Analysis for Satellite Data Relay Networks Using Two-Dimensional Markov-Modulated Process. *IEEE Transactions on Wireless Communications*, **2020**, 19, 3894-3907	9.6	8
699	Onboard Deep Deterministic Policy Gradients for Online Flight Resource Allocation of UAVs. *IEEE Networking Letters*, **2020**, 2, 106-110	2.8	6
698	An EPEC Analysis among Mobile Edge Caching, Content Delivery Network and Data Center **2020**,		1

697	Sequential-Mining-Based Vulnerable Branches Identification for the Transmission Network Under Continuous Load Redistribution Attacks. *IEEE Transactions on Smart Grid*, **2020**, 11, 5151-5160	10.7	8
696	Sub-Channel Allocation for Full-Duplex Access and Device-to-Device Links Underlaying Heterogeneous Cellular Networks Using Coalition Formation Games. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 9736-9749	6.8	1
695	Millimeter-Wave Networking in the Sky: A Machine Learning and Mean Field Game Approach for Joint Beamforming and Beam-Steering. *IEEE Transactions on Wireless Communications*, **2020**, 19, 6393-6408	9.6	22
694	Data Services Sales Design With Mixed Bundling Strategy: A Multidimensional Adverse Selection Approach. *IEEE Internet of Things Journal*, **2020**, 7, 8826-8836	10.7	3
693	Hybrid Beamforming for Reconfigurable Intelligent Surface based Multi-User Communications: Achievable Rates With Limited Discrete Phase Shifts. *IEEE Journal on Selected Areas in Communications*, **2020**, 38, 1809-1822	14.2	163
692	Optimal Pricing of Internet of Things: A Machine Learning Approach. *IEEE Journal on Selected Areas in Communications*, **2020**, 38, 669-684	14.2	9
691	Joint Radio Resource Allocation and Content Caching in Heterogeneous Virtualized Wireless Networks. *IEEE Access*, **2020**, 8, 36764-36775	3.5	11
690	Secure Secret Key and Private Key Generation in Source-Type Model With a Trusted Helper. *IEEE Access*, **2020**, 8, 34611-34628	3.5	0
689	Reconfigurable Intelligent Surfaces Assisted Communications With Limited Phase Shifts: How Many Phase Shifts Are Enough?. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 4498-4502	6.8	141
688	Practical Hybrid Beamforming With Finite-Resolution Phase Shifters for Reconfigurable Intelligent Surface Based Multi-User Communications. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 4565-4570	6.8	74
687	Network Slicing: Recent Advances, Taxonomy, Requirements, and Open Research Challenges. *IEEE Access*, **2020**, 8, 36009-36028	3.5	52
686	Energy-Efficient Robust Computation Offloading for Fog-IoT Systems. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 4417-4425	6.8	9
685	Ambient Backscatter Communications for Future Ultra-Low-Power Machine Type Communications: Challenges, Solutions, Opportunities, and Future Research Trends. *IEEE Communications Magazine*, **2020**, 58, 42-47	9.1	21
684	Contracts for Joint Downlink and Uplink Traffic Offloading With Asymmetric Information. *IEEE Journal on Selected Areas in Communications*, **2020**, 38, 723-735	14.2	7
683	UAV-Assisted Wireless Charging for Energy-Constrained IoT Devices Using Dynamic Matching. *IEEE Internet of Things Journal*, **2020**, 7, 4789-4800	10.7	23
682	AI-Aided Downlink Interference Control in Dense Interference-Aware Drone Small Cells Networks. *IEEE Access*, **2020**, 8, 15110-15122	3.5	9
681	Joint Resource Management With Distributed Uplink Power Control in Full-Duplex OFDMA Networks. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 2850-2863	6.8	7
680	Federated Learning Based Mobile Edge Computing for Augmented Reality Applications **2020**,		13

679	Reinforcement Learning for a Cellular Internet of UAVs: Protocol Design, Trajectory Control, and Resource Management. *IEEE Wireless Communications*, **2020**, 27, 116-123	13.4	46
678	Federated Learning in Vehicular Edge Computing: A Selective Model Aggregation Approach. *IEEE Access*, **2020**, 8, 23920-23935	3.5	90
677	. *IEEE Access*, **2020**, 8, 168854-168864	3.5	18
676	Reconfigurable Intelligent Surfaces for Wireless Communications: Principles, Challenges, and Opportunities. *IEEE Transactions on Cognitive Communications and Networking*, **2020**, 6, 990-1002	6.6	172
675	MetaRadar: Indoor Localization by Reconfigurable Metamaterials. *IEEE Transactions on Mobile Computing*, **2020**, 1-1	4.6	15
674	. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 15284-15297	6.8	34
673	Downlink Transmit Power Control in Ultra-Dense UAV Network Based on Mean Field Game and Deep Reinforcement Learning. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 15594-15605	6.8	19
672	Delay Optimization in Multi-UAV Edge Caching Networks: A Robust Mean Field Game. *IEEE Transactions on Vehicular Technology*, **2020**, 1-1	6.8	9
671	Full-Duplex MAC in LAA/ Wi-Fi Coexistence Networks: Design, Modeling, and Analysis. *IEEE Transactions on Wireless Communications*, **2020**, 19, 5531-5546	9.6	4
670	Reconfigurable Intelligent Surface Assisted D2D Networks: Power and Discrete Phase Shift Design **2020**,		1
669	Towards Efficient Secure Aggregation for Model Update in Federated Learning **2020**,		4
668	AoI Minimization for Grant-Free Massive Access with Short Packets using Mean-Field Games **2020**,		2
667	Joint Task Assignment and Trajectory Optimization for a Mobile Robot Swarm by Mean-Field Game **2020**,		2
666	Two-Tier Matching Game in Small Cell Networks for Mobile Edge Computing. *IEEE Transactions on Services Computing*, **2020**, 1-1	4.8	8
665	Deep Reinforcement Learning Approaches for Content Caching in Cache-Enabled D2D Networks. *IEEE Internet of Things Journal*, **2020**, 7, 544-557	10.7	41
664	An Integrated Affinity Propagation and Machine Learning Approach for Interference Management in Drone Base Stations. *IEEE Transactions on Cognitive Communications and Networking*, **2020**, 6, 83-94	6.6	14
663	Automatic First Arrival Picking via Deep Learning With Human Interactive Learning. *IEEE Transactions on Geoscience and Remote Sensing*, **2020**, 58, 1380-1391	8.1	9
662	Transceiver Design for AF MIMO Relay Systems With a Power Splitting Based Energy Harvesting Relay Node. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 2376-2388	6.8	8

661	Response Delay Optimization in Mobile Edge Computing Enabled UAV Swarm. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 3280-3295	6.8	27
660	Optimal Task Allocation in Vehicular Fog Networks Requiring URLLC: An Energy-Aware Perspective. *IEEE Transactions on Network Science and Engineering*, **2020**, 7, 1879-1890	4.9	6
659	Distributed Learning Solution for Uplink Traffic Control in Energy Harvesting Massive Machine-Type Communications. *IEEE Wireless Communications Letters*, **2020**, 9, 485-489	5.9	8
658	Unmanned Aerial Vehicle Applications over Cellular Networks for 5G and Beyond. *Wireless Networks*, **2020**,	0.6	28
657	. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 1982-1993	6.8	54
656	Energy Efficient Resource Allocation and Computation Offloading in Millimeter-Wave based Fog Radio Access Networks **2020**,		3
655	Dimming Techniques of Visible Light Communications for Human-Centric Illumination Networks: State-of-the-Art, Challenges, and Trends. *IEEE Wireless Communications*, **2020**, 27, 88-95	13.4	11
654	Auction Design for Edge Computation Ofloading in SDN-based Ultra Dense Networks. *IEEE Transactions on Mobile Computing*, **2020**, 1-1	4.6	6
653	. *IEEE Transactions on Wireless Communications*, **2020**, 19, 8366-8381	9.6	6
652	Satellite-Aerial Integrated Computing in Disasters: User Association and Offloading Decision **2020**,		12
651	Optimal Frequency and Rate Selection Using Unimodal Objective Based Thompson Sampling Algorithm **2020**,		1
650	Computation Offloading in Hierarchical Multi-Access Edge Computing Based on Contract Theory and Bayesian Matching Game. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 13686-13701	6.8	7
649	Multimedia communication over cognitive radio networks from QoS/QoE perspective: A comprehensive survey. *Journal of Network and Computer Applications*, **2020**, 172, 102759	7.9	12
648	Sensing and Communication Tradeoff Design for AoI Minimization in a Cellular Internet of UAVs **2020**,		6
647	Energy Efficiency in Secure IRS-Aided SWIPT. *IEEE Wireless Communications Letters*, **2020**, 9, 1884-1888	5.9	27
646	Joint Optimization Strategy of Computation Offloading and Resource Allocation in Multi-Access Edge Computing Environment. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 10214-10226	6.8	32
645	UAV-Enabled Uplink Non-Orthogonal Multiple Access System: Joint Deployment and Power Control. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 10090-10102	6.8	10
644	Beyond Intelligent Reflecting Surfaces: Reflective-Transmissive Metasurface Aided Communications for Full-Dimensional Coverage Extension. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 13905-13909	6.8	45

643	Reconfigurable Intelligent Surface Based RF Sensing: Design, Optimization, and Implementation. *IEEE Journal on Selected Areas in Communications*, **2020**, 38, 2700-2716	14.2	53
642	Energy Efficient Communication and Computation Resource Slicing for eMBB and URLLC Coexistence in 5G and Beyond. *IEEE Access*, **2020**, 8, 136024-136035	3.5	7
641	Pre-Overload-Graph-Based Vulnerable Correlation Identification Under Load Redistribution Attacks. *IEEE Transactions on Smart Grid*, **2020**, 11, 5216-5226	10.7	8
640	Belief and Opinion Evolution in Social Networks Based on a Multi-Population Mean Field Game Approach **2020**,		8
639	Content Caching Policy Based on GAN and Distributional Reinforcement Learning **2020**,		2
638	Virtual Network Functions Orchestration in Software Defined LEO Small Satellite Networks **2020**,		4
637	Generalized Nash Equilibrium Game for Radio and Computing Resource Allocation in Co-located MEC **2020**,		5
636	A User Association Policy for UAV-aided Time-varying Vehicular Networks with MEC **2020**,		1
635	Efficient Resource Allocation for NOMA-MEC System in Ultra-Dense Network: A Mean Field Game Approach **2020**,		2
634	Distributed Rate Optimization for Intelligent Reflecting Surface with Federated Learning **2020**,		11
633	Training Sequence Based Doppler Shift Estimation for Vehicular Communication **2020**,		1
632	6G Wireless Systems: A Vision, Architectural Elements, and Future Directions. *IEEE Access*, **2020**, 8, 147029-147044	3.5	74
631	A Contract-Theoretic Cyber Insurance for Withdraw Delay in the Blockchain Networks with Shards **2020**,		1
630	Deep Reinforcement Learning Based Strategy for Quadrotor UAV Pursuer and Evader Problem **2020**,		2
629	UAV-Enabled Secure Communications by Multi-Agent Deep Reinforcement Learning. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 11599-11611	6.8	34
628	Joint Trajectory and Power Optimization in Multi-Type UAVs Network with Mean Field Q-Learning **2020**,		2
627	Pricing and Resource Allocation Optimization for IoT Fog Computing and NFV: An EPEC and Matching Based Perspective. *IEEE Transactions on Mobile Computing*, **2020**, 1-1	4.6	4
626	. *IEEE Access*, **2020**, 8, 184273-184283	3.5	

625	Resource Allocation for MC MISO-NOMA SWIPT-Enabled HetNets With Non-Linear Energy Harvesting. *IEEE Access*, **2020**, 8, 192270-192281	3.5	5
624	Age of Information in a Cellular Internet of UAVs: Sensing and Communication Trade-Off Design. *IEEE Transactions on Wireless Communications*, **2020**, 19, 6578-6592	9.6	27
623	Remote Radio Head Activation and User Association in Dense C-RANs. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 12216-12228	6.8	
622	The Coverage Overlapping Problem of Serving Arbitrary Crowds in 3D Drone Cellular Networks. *IEEE Transactions on Mobile Computing*, **2020**, 1-1	4.6	6
621	Sense-Store-Send: Trajectory Optimization for a Buffer-Aided Internet of UAVs. *IEEE Communications Letters*, **2020**, 24, 2888-2892	3.8	2
620	Time-Varying Downlink Channel Tracking for Quantized Massive MIMO Networks. *IEEE Transactions on Wireless Communications*, **2020**, 19, 6721-6736	9.6	2
619	Mean Field Evolutionary Dynamics in Dense-User Multi-Access Edge Computing Systems. *IEEE Transactions on Wireless Communications*, **2020**, 19, 7825-7835	9.6	8
618	Architectural Design Alternatives Based on Cloud/Edge/Fog Computing for Connected Vehicles. *IEEE Communications Surveys and Tutorials*, **2020**, 22, 2349-2377	37.1	33
617	Performance Analysis and Optimization for V2V-assisted UAV Communications in Vehicular Networks **2020**,		2
616	Controlling the Outbreak of COVID-19: A Noncooperative Game Perspective. *IEEE Access*, **2020**, 8, 215570-215581	3.5	8
615	Federated Learning for Edge Networks: Resource Optimization and Incentive Mechanism. *IEEE Communications Magazine*, **2020**, 58, 88-93	9.1	93
614	An Efficient Equal Air-Time Transmission Strategy for Wireless Seismometer Array Based on LoRaWAN With CuckooHash. *IEEE Access*, **2020**, 8, 201713-201727	3.5	2
613	Achieving Correlated Equilibrium by Studying Opponents Behavior Through Policy-Based Deep Reinforcement Learning. *IEEE Access*, **2020**, 8, 199682-199695	3.5	0
612	Caching for Mobile Social Networks with Deep Learning: Twitter Analysis for 2016 U.S. Election. *IEEE Transactions on Network Science and Engineering*, **2020**, 7, 193-204	4.9	12
611	Clock Auction Inspired Privacy Preserving Emergency Demand Response in Colocation Data Centers. *IEEE Transactions on Dependable and Secure Computing*, **2020**, 17, 691-702	3.9	
610	Delay-Sensitive Multi-Period Computation Offloading with Reliability Guarantees in Fog Networks. *IEEE Transactions on Mobile Computing*, **2020**, 19, 2062-2075	4.6	27
609	Joint Communication, Computation, Caching, and Control in Big Data Multi-Access Edge Computing. *IEEE Transactions on Mobile Computing*, **2020**, 19, 1359-1374	4.6	88
608	Heterogeneous Computational Resource Allocation for C-RAN: A Contract-Theoretic Approach. *IEEE Transactions on Services Computing*, **2020**, 1-1	4.8	5

607	Auction-Based Data Transaction in Mobile Networks: Data Allocation Design and Performance Analysis. *IEEE Transactions on Mobile Computing*, **2020**, 19, 1040-1055	4.6	11
606	Colonel Blotto Games in Network Systems: Models, Strategies, and Applications. *IEEE Transactions on Network Science and Engineering*, **2020**, 7, 637-649	4.9	9
605	Trust-Based Social Networks with Computing, Caching and Communications: A Deep Reinforcement Learning Approach. *IEEE Transactions on Network Science and Engineering*, **2020**, 7, 66-79	4.9	32
604	A data analysis of political polarization using random matrix theory. *Science China Information Sciences*, **2020**, 63, 1	3.4	1
603	A Comprehensive Survey on Mobility-Aware D2D Communications: Principles, Practice and Challenges. *IEEE Communications Surveys and Tutorials*, **2020**, 22, 1863-1886	37.1	51
602	Quickest Detection of False Data Injection Attacks in Smart Grid with Dynamic Models. *IEEE Journal of Emerging and Selected Topics in Power Electronics*, **2019**, 1-1	5.6	6
601	Inhomogeneous Multi-UAV Aerial Base Stations Deployment: A Mean-Field-Type Game Approach **2019**,		6
600	A Robust Design for Ultra Reliable Ambient Backscatter Communication Systems. *IEEE Internet of Things Journal*, **2019**, 6, 8989-8999	10.7	13
599	Accelerating Content Delivery via Efficient Resource Allocation for Network Coding Aided D2D Communications. *IEEE Access*, **2019**, 7, 115783-115796	3.5	3
598	Minimization of Offloading Delay for Two-Tier UAV with Mobile Edge Computing **2019**,		12
597	Antenna Scheduling for Multiple User Satellites in Space Data Relay Networks **2019**,		2
596	Noncoherent Frequency Shift Keying for Ambient Backscatter Over OFDM Signals **2019**,		2
595	Coverage Analysis of Integrated Sub-6GHz-mmWave Cellular Networks With Hotspots. *IEEE Transactions on Communications*, **2019**, 67, 8151-8164	6.9	22
594	Machine Learning-Based Spectrum Efficiency Hybrid Precoding With Lens Array and Low-Resolution ADCs. *IEEE Access*, **2019**, 7, 117986-117996	3.5	12
593	Generalized Benders Decomposition to Secure Energy-Efficient Resource Allocation for Multiuser Full-Duplex Relay Cooperative Networks. *IEEE Transactions on Vehicular Technology*, **2019**, 68, 10728-10741	6.8	2
592	A Predictive On-Demand Placement of UAV Base Stations Using Echo State Network **2019**,		10
591	Multi-Leader Follower Game for MEC-Assisted Fusion-Based Vehicle On-Road Analysis. *IEEE Transactions on Vehicular Technology*, **2019**, 68, 11200-11212	6.8	4
590	Mean Field Games for 5G Ultra-dense Networks: A Resource Management Perspective **2019**, 65-89		1

589	Orchestrating Resource Management in LTE-Unlicensed Systems With Backhaul Link Constraints. *IEEE Transactions on Wireless Communications*, **2019**, 18, 1360-1375	9.6	8
588	Backscatter-Aided Cooperative Relay Communications in Wireless-Powered Hybrid Radio Networks. *IEEE Network*, **2019**, 33, 234-241	11.4	30
587	A Supplier-Firm-Buyer Framework for Computation and Content Resource Assignment in Wireless Virtual Networks. *IEEE Transactions on Wireless Communications*, **2019**, 18, 4116-4128	9.6	7
586	Spectral- and Energy-Efficiency of Multi-Pair Two-Way Massive MIMO Relay Systems Experiencing Channel Aging. *IEEE Access*, **2019**, 7, 46014-46032	3.5	7
585	Bayesian Coalition Formation Game for Virtual 5G Core Network Functions. *IEEE Access*, **2019**, 7, 29805-29817	3.5	1
584	Enhancing Information Security via Physical Layer Approaches in Heterogeneous IoT With Multiple Access Mobile Edge Computing in Smart City. *IEEE Access*, **2019**, 7, 54508-54521	3.5	58
583	Completion Time Minimization With Path Planning for Fixed-Wing UAV Communications. *IEEE Transactions on Wireless Communications*, **2019**, 18, 3485-3499	9.6	38
582	Prediction of Cloud Resources Demand Based on Hierarchical Pythagorean Fuzzy Deep Neural Network. *IEEE Transactions on Services Computing*, **2019**, 1-1	4.8	14
581	Eliminating NB-IoT Interference to LTE System: A Sparse Machine Learning-Based Approach. *IEEE Internet of Things Journal*, **2019**, 6, 6919-6932	10.7	19
580	Maximizing Spectral Efficiency for SCMA Systems With Codebooks Based on Star-QAM Signaling Constellations. *IEEE Wireless Communications Letters*, **2019**, 8, 1163-1166	5.9	4
579	. *IEEE Transactions on Communications*, **2019**, 67, 6427-6440	6.9	5
578	Toward Optimal Remote Radio Head Activation, User Association, and Power Allocation in C-RANs Using Benders Decomposition and ADMM. *IEEE Transactions on Communications*, **2019**, 67, 5008-5023	6.9	1
577	Explicit Modelling and Performance Analysis of Cell Group Selection With Backhaul-Aware Biasing. *IEEE Wireless Communications Letters*, **2019**, 8, 273-276	5.9	10
576	Contactless Monitoring of Critical Infrastructure [From the Guest Editors]. *IEEE Signal Processing Magazine*, **2019**, 36, 19-21	9.4	4
575	Intelligent User-Centric Network Selection: A Model-Driven Reinforcement Learning Framework. *IEEE Access*, **2019**, 7, 21645-21661	3.5	21
574	Resource Allocation for Device-to-Device Communications in Multi-Cell Multi-Band Heterogeneous Cellular Networks. *IEEE Transactions on Vehicular Technology*, **2019**, 68, 4760-4773	6.8	21
573	Joint Cache Allocation With Incentive and User Association in Cloud Radio Access Networks Using Hierarchical Game. *IEEE Access*, **2019**, 7, 20773-20788	3.5	6
572	Learning to Entangle Radio Resources in Vehicular Communications: An Oblivious Game-Theoretic Perspective. *IEEE Transactions on Vehicular Technology*, **2019**, 68, 4262-4274	6.8	9

571	Distributed Resource Allocation for Network Virtualization **2019**, 1361-1378		1
570	Spectrum Allocation and Power Control in Full-Duplex Ultra-Dense Heterogeneous Networks. *IEEE Transactions on Communications*, **2019**, 67, 4365-4380	6.9	18
569	Modelling Cyber Attacks on Electricity Market Using Mathematical Programming With Equilibrium Constraints. *IEEE Access*, **2019**, 7, 27376-27388	3.5	7
568	Capsule Network Assisted IoT Traffic Classification Mechanism for Smart Cities. *IEEE Internet of Things Journal*, **2019**, 6, 7515-7525	10.7	53
567	Trust-Based Collaborative Privacy Management in Online Social Networks. *IEEE Transactions on Information Forensics and Security*, **2019**, 14, 48-60	8	26
566	A Renewal Theory Based Analytical Model for Multi-Channel Random Access in IEEE 802.11ac/ax. *IEEE Transactions on Mobile Computing*, **2019**, 18, 1000-1013	4.6	23
565	Distributed Interference-Aware Traffic Offloading and Power Control in Ultra-Dense Networks: Mean Field Game With Dominating Player. *IEEE Transactions on Vehicular Technology*, **2019**, 68, 8814-8826	6.8	20
564	Crude-Oil Scheduling Network in Smart Field Under Cyber-Physical System. *IEEE Access*, **2019**, 7, 91703-91719	3.5	3
563	Joint Traffic Routing and Virtualized Security Function Activation in Wireless Multihop Networks. *IEEE Transactions on Vehicular Technology*, **2019**, 68, 9205-9219	6.8	3
562	Improved Flow Awareness by Spatio-Temporal Collaborative Sampling in Software Defined Networks **2019**,		2
561	Hybrid Beamformer Design for High Dynamic Range Ambient Backscatter Receivers **2019**,		13
560	Position-Attitude Prediction Based Beam Tracking for UAV mmWave Communications **2019**,		9
559	Nonlinear Dynamic Chaos Theory Framework for Passenger Demand Forecasting in Smart City. *IEEE Transactions on Vehicular Technology*, **2019**, 68, 8533-8545	6.8	6
558	Virtual Core Network Resource Allocation in 5G Systems using Three-Sided Matching **2019**,		3
557	Wireless Network Slicing: Generalized Kelly Mechanism-Based Resource Allocation. *IEEE Journal on Selected Areas in Communications*, **2019**, 37, 1794-1807	14.2	22
556	Distributionally Robust Planning for Data Delivery in Distributed Satellite Cluster Network. *IEEE Transactions on Wireless Communications*, **2019**, 18, 3642-3657	9.6	20
555	A Machine Learning Enabled MAC Framework for Heterogeneous Internet-of-Things Networks. *IEEE Transactions on Wireless Communications*, **2019**, 18, 3697-3712	9.6	24
554	Machine Learning-Based Hybrid Precoding with Robust Error for UAV mmWave Massive MIMO **2019**,		14

553	A Mean-Field-Type Game Approach to Computation Offloading in Mobile Edge Computing Networks **2019**,		7
552	Distributed User-Centric Clustering and Base Station Mode Choose in Ultra Dense Networks **2019**,		3
551	UAV-Aided Low Latency Mobile Edge Computing with mmWave Backhaul **2019**,		12
550	Learning Frameworks for Dynamic Joint RF Energy Harvesting and Channel Access. *IEEE Access*, **2019**, 7, 84524-84535	3.5	1
549	Martingale Theory-Based Optimal Task Allocation in Heterogeneous Vehicular Networks. *IEEE Access*, **2019**, 7, 122354-122366	3.5	7
548	Cooperation Techniques for a Cellular Internet of Unmanned Aerial Vehicles. *IEEE Wireless Communications*, **2019**, 26, 167-173	13.4	43
547	Game Theory for Next Generation Wireless and Communication Networks: Modeling, Analysis, and Design **2019**,		25
546	Optimal Placement of Low-Altitude Aerial Base Station for Securing Communications. *IEEE Wireless Communications Letters*, **2019**, 8, 869-872	5.9	16
545	Noncoherent Backscatter Communications Over Ambient OFDM Signals. *IEEE Transactions on Communications*, **2019**, 67, 3597-3611	6.9	37
544	Distributed resource allocation in caching-enabled heterogeneous cellular networks based on matching theory. *CCF Transactions on Networking*, **2019**, 2, 57-68	0.8	
543	Collaborative Data Scheduling With Joint Forward and Backward Induction in Small Satellite Networks. *IEEE Transactions on Communications*, **2019**, 67, 3443-3456	6.9	20
542	Multi-Agent Reinforcement Learning Enabling Dynamic Pricing Policy for Charging Station Operators **2019**,		3
541	Multi-UAV Delay Optimization in Edge Caching Networks: A Mean Field Game Approach **2019**,		8
540	Meta-Learning-Based Deep Learning Model Deployment Scheme for Edge Caching **2019**,		4
539	Content Caching Policy for 5G Network Based on Asynchronous Advantage Actor-Critic Method **2019**,		3
538	A Multi-Agent System toward the Green Edge Computing with Microgrid **2019**,		8
537	Distributed Trajectory Design for Cooperative Internet of UAVs Using Deep Reinforcement Learning **2019**,		8
536	Dynamic Cache Placement, Node Association, and Power Allocation in Fog Aided Networks **2019**,		2

535	Deep Reinforcement Learning MAC for Backscatter Communications Relying on Wi-Fi Architecture **2019**,		3
534	Data-Driven 3D Placement of UAV Base Stations for Arbitrarily Distributed Crowds **2019**,		4
533	Noncoherent MIMO Codes Construction Using Autoencoders **2019**,		2
532	Virtual Resource Allocation for Mobile Edge Computing: A Hypergraph Matching Approach **2019**,		2
531	Incentivize to Build: A Crowdsourcing Framework for Federated Learning **2019**,		9
530	Distributed Downloading Strategy for Multi-Source Data Fusion in Edge-Enabled Vehicular Network : (Invited Paper) **2019**,		1
529	Beam-Steering Optimization in Multi-UAVs mmWave Networks: A Mean Field Game Approach **2019**,		5
528	Throughput Enhancement of Full-Duplex CSMA Networks via Adversarial Multi-Player Multi-Armed Bandit **2019**,		1
527	Peer-to-Peer Energy Trading in DC Packetized Power Microgrids Using Iterative Auction **2019**,		2
526	Bitcoin Options Pricing Using LSTM-Based Prediction Model and Blockchain Statistics **2019**,		6
525	Hierarchical Game for Electric Vehicle Public Charging Market **2019**,		3
524	Contract-Based Approach for Security Deposit in Blockchain Networks with Shards **2019**,		5
523	Integrating Social Networks with Mobile Device-to-Device Services. *IEEE Transactions on Services Computing*, **2019**, 1-1	4.8	6
522	Catching All Pokémon: Virtual Reward Optimization With Tensor Voting Based Trajectory Privacy. *IEEE Transactions on Vehicular Technology*, **2019**, 68, 883-892	6.8	3
521	A Deep Reinforcement Learning Network for Traffic Light Cycle Control. *IEEE Transactions on Vehicular Technology*, **2019**, 68, 1243-1253	6.8	139
520	A Game-Theoretic Approach for Fair Coexistence Between LTE-U and Wi-Fi Systems. *IEEE Transactions on Vehicular Technology*, **2019**, 68, 442-455	6.8	36
519	Joint Optimization of Caching, Computing, and Radio Resources for Fog-Enabled IoT Using Natural Actor-Critic Deep Reinforcement Learning. *IEEE Internet of Things Journal*, **2019**, 6, 2061-2073	10.7	151
518	Byzantine Attacker Identification in Collaborative Spectrum Sensing: A Robust Defense Framework. *IEEE Transactions on Mobile Computing*, **2019**, 18, 1992-2004	4.6	12

517	A Survey of Optimization Approaches for Wireless Physical Layer Security. *IEEE Communications Surveys and Tutorials*, **2019**, 21, 1878-1911	37.1	67
516	Joint Sponsored and Edge Caching Content Service Market: A Game-Theoretic Approach. *IEEE Transactions on Wireless Communications*, **2019**, 18, 1166-1181	9.6	30
515	VLC and D2D Heterogeneous Network Optimization: A Reinforcement Learning Approach Based on Equilibrium Problems With Equilibrium Constraints. *IEEE Transactions on Wireless Communications*, **2019**, 18, 1115-1127	9.6	13
514	Green Large-Scale Fog Computing Resource Allocation Using Joint Benders Decomposition, Dinkelbach Algorithm, ADMM, and Branch-and-Bound. *IEEE Internet of Things Journal*, **2019**, 6, 4106-4117	10.7	25
513	. *IEEE Journal on Selected Areas in Communications*, **2019**, 37, 345-356	14.2	24
512	Incentive Design for Cache-Enabled D2D Underlaid Cellular Networks Using Stackelberg Game. *IEEE Transactions on Vehicular Technology*, **2019**, 68, 765-779	6.8	34
511	Mobility-Aware Fog Computing in Dynamic Environments: Understandings and Implementation. *IEEE Access*, **2019**, 7, 38867-38879	3.5	22
510	A Prediction-Based Charging Policy and Interference Mitigation Approach in the Wireless Powered Internet of Things. *IEEE Journal on Selected Areas in Communications*, **2019**, 37, 439-451	14.2	57
509	Incentive Mechanism Design for Two-Layer Wireless Edge Caching Networks Using Contract Theory. *IEEE Transactions on Services Computing*, **2019**, 1-1	4.8	2
508	Cloud/Fog Computing Resource Management and Pricing for Blockchain Networks. *IEEE Internet of Things Journal*, **2019**, 6, 4585-4600	10.7	157
507	A Hierarchical Game With Strategy Evolution for Mobile Sponsored Content and Service Markets. *IEEE Transactions on Communications*, **2019**, 67, 472-488	6.9	10
506	Network Virtualization with Energy Efficiency Optimization for Wireless Heterogeneous Networks. *IEEE Transactions on Mobile Computing*, **2019**, 18, 2386-2400	4.6	11
505	Contract Mechanism and Performance Analysis for Data Transaction in Mobile Social Networks. *IEEE Transactions on Network Science and Engineering*, **2019**, 6, 103-115	4.9	59
504	Social-Aware Data Dissemination via Device-to-Device Communications: Fusing Social and Mobile Networks with Incentive Constraints. *IEEE Transactions on Services Computing*, **2019**, 12, 489-502	4.8	34
503	. *IEEE Systems Journal*, **2018**, 12, 297-307	4.3	21
502	Mobility Assisted Content Transmission For Device-to-Device Communication Underlaying Cellular Networks. *IEEE Transactions on Vehicular Technology*, **2018**, 67, 6410-6423	6.8	20
501	User Scheduling and Resource Allocation in HetNets With Hybrid Energy Supply: An Actor-Critic Reinforcement Learning Approach. *IEEE Transactions on Wireless Communications*, **2018**, 17, 680-692	9.6	161
500	Jamming Mitigation via Hierarchical Security Game for IoT Communications. *IEEE Access*, **2018**, 6, 5766-5779	3.9	27

499	Distributed Interference-Aware Power Control in Ultra-Dense Small Cell Networks: A Robust Mean Field Game. *IEEE Access*, **2018**, 6, 12608-12619	3.5	24
498	Sparse Channel Estimation for MIMO-OFDM Systems in High-Mobility Situations. *IEEE Transactions on Vehicular Technology*, **2018**, 67, 6113-6124	6.8	28
497	A Survey on Socially Aware Device-to-Device Communications. *IEEE Communications Surveys and Tutorials*, **2018**, 20, 2169-2197	37.1	66
496	Green Wi-Fi Management: Implementation on Partially Overlapped Channels. *IEEE Transactions on Green Communications and Networking*, **2018**, 2, 346-359	4	4
495	Green Wi-Fi Implementation and Management in Dense Autonomous Environments for Smart Cities. *IEEE Transactions on Industrial Informatics*, **2018**, 14, 1552-1563	11.9	11
494	Wireless Resource Scheduling in Virtualized Radio Access Networks Using Stochastic Learning. *IEEE Transactions on Mobile Computing*, **2018**, 17, 961-974	4.6	30
493	Learning for Robust Routing Based on Stochastic Game in Cognitive Radio Networks. *IEEE Transactions on Communications*, **2018**, 66, 2588-2602	6.9	14
492	Real-Time Profiling of Fine-Grained Air Quality Index Distribution Using UAV Sensing. *IEEE Internet of Things Journal*, **2018**, 5, 186-198	10.7	87
491	Resource Allocation for 5G Heterogeneous Cloud Radio Access Networks With D2D Communication: A Matching and Coalition Approach. *IEEE Transactions on Vehicular Technology*, **2018**, 67, 5883-5894	6.8	44
490	Coalition Formation Game Based Access Point Selection for LTE-U and Wi-Fi Coexistence. *IEEE Transactions on Industrial Informatics*, **2018**, 14, 2653-2665	11.9	13
489	PHY-Layer Authentication With Multiple Landmarks With Reduced Overhead. *IEEE Transactions on Wireless Communications*, **2018**, 17, 1676-1687	9.6	76
488	Generalized Spatial Modulation-Based Multi-User and Signal Detection Scheme for Terrestrial Return Channel With NOMA. *IEEE Transactions on Broadcasting*, **2018**, 64, 211-219	4.7	14
487	Social Learning Based Inference for Crowdsensing in Mobile Social Networks. *IEEE Transactions on Mobile Computing*, **2018**, 17, 1966-1979	4.6	13
486	D2D Communications Underlaying Wireless Powered Communication Networks. *IEEE Transactions on Vehicular Technology*, **2018**, 67, 7872-7876	6.8	21
485	ROOMMATEs: An Unsupervised Indoor Peer Discovery Approach for LTE D2D Communications. *IEEE Transactions on Vehicular Technology*, **2018**, 67, 5069-5083	6.8	11
484	Distributed Resource Allocation for Data Center Networks: A Hierarchical Game Approach. *IEEE Transactions on Cloud Computing*, **2018**, 1-1	3.3	18
483	Hierarchical Competition as Equilibrium Program With Equilibrium Constraints Towards Security-Enhanced Wireless Networks. *IEEE Journal on Selected Areas in Communications*, **2018**, 36, 1564-1578	14.2	27
482	Joint Radio and Computational Resource Allocation in IoT Fog Computing. *IEEE Transactions on Vehicular Technology*, **2018**, 67, 7475-7484	6.8	94

481	Cooperative Secure Transmission by Exploiting Social Ties in Random Networks. *IEEE Transactions on Communications*, **2018**, 66, 3610-3622	6.9	13
480	Device-to-Device Communications Enabled Energy Efficient Multicast Scheduling in mmWave Small Cells. *IEEE Transactions on Communications*, **2018**, 66, 1093-1109	6.9	43
479	Energy efficient optimisation for large-scale multiple-antenna system with WPT. *IET Communications*, **2018**, 12, 552-558	1.3	4
478	Wireless Powered Asynchronous Backscatter Networks With Sporadic Short Packets: Performance Analysis and Optimization. *IEEE Internet of Things Journal*, **2018**, 5, 984-997	10.7	20
477	Low-Complexity and High-Resolution DOA Estimation for Hybrid Analog and Digital Massive MIMO Receive Array. *IEEE Transactions on Communications*, **2018**, 66, 2487-2501	6.9	100
476	A Big Data Scale Algorithm for Optimal Scheduling of Integrated Microgrids. *IEEE Transactions on Smart Grid*, **2018**, 9, 274-282	10.7	24
475	A Contract Game for Direct Energy Trading in Smart Grid. *IEEE Transactions on Smart Grid*, **2018**, 9, 2873-2884	10.7	45
474	Incentive Mechanism Design for Integrated Microgrids in Peak Ramp Minimization Problem. *IEEE Transactions on Smart Grid*, **2018**, 9, 5774-5785	10.7	42
473	HSDRAN: Hierarchical Software-Defined Radio Access Network for Distributed Optimization. *IEEE Transactions on Vehicular Technology*, **2018**, 67, 8623-8636	6.8	9
472	Content-Centric Collaborative Edge Caching in 5G Mobile Internet. *IEEE Wireless Communications*, **2018**, 25, 10-11	13.4	3
471	Weighted sum-rate maximization for cooperative multicell multiuser massive MIMO systems based on discretized Pareto boundary approximation **2018**,		1
470	A prediction-based coordination caching scheme for content centric networking **2018**,		15
469	Performance Analysis and Application of Mobile Blockchain **2018**,		40
468	Optimal Pricing-Based Edge Computing Resource Management in Mobile Blockchain **2018**,		61
467	Joint User Scheduling and Content Caching Strategy for Mobile Edge Networks Using Deep Reinforcement Learning **2018**,		19
466	Compressive Sensing over Graphs Based Inter-Community Detection Scheme in Mobile Social Networks **2018**,		1
465	Secure Energy Efficient Resource Allocation for OFDM Full-Duplex Relay Cooperative Networks **2018**,		1
464	Full-Duplex MAC Protocol for Wi-Fi/LTE-U Coexistence Networks **2018**,		3

463	Stackelberg differential game based power control in small cell networks powered by renewable energy **2018**,		2
462	Wireless network virtualization with non-orthogonal multiple access **2018**,		13
461	Distributed file allocation using matching game in mobile fog-caching service network **2018**,		5
460	Energy-Efficient and Secure Resource Allocation for Multiple-Antenna NOMA With Wireless Power Transfer. *IEEE Transactions on Green Communications and Networking*, **2018**, 2, 1059-1071	4	37
459	RaptorQ-Based Efficient Multimedia Transmission Over Cooperative Cellular Cognitive Radio Networks. *IEEE Transactions on Vehicular Technology*, **2018**, 67, 7275-7289	6.8	17
458	Resource Allocation for Device-to-Device Communications Underlaying Heterogeneous Cellular Networks Using Coalitional Games. *IEEE Transactions on Wireless Communications*, **2018**, 17, 4163-4176	9.6	55
457	Guest Editorial Special Issue on Wireless Energy Harvesting for Internet of Things. *IEEE Internet of Things Journal*, **2018**, 5, 2580-2584	10.7	1
456	Green Fog Computing Resource Allocation Using Joint Benders Decomposition, Dinkelbach Algorithm, and Modified Distributed Inner Convex Approximation **2018**,		5
455	SAFE: Secure Appliance Scheduling for Flexible and Efficient Energy Consumption for Smart Home IoT. *IEEE Internet of Things Journal*, **2018**, 5, 4380-4391	10.7	16
454	Wiretap Channel With Full-Duplex Proactive Eavesdropper: A Game Theoretic Approach. *IEEE Transactions on Vehicular Technology*, **2018**, 67, 7658-7663	6.8	12
453	Scalable Traffic Management for Mobile Cloud Services in 5G Networks. *IEEE Transactions on Network and Service Management*, **2018**, 15, 1560-1570	4.8	4
452	Spectrum Sharing Planning for Full-Duplex UAV Relaying Systems With Underlaid D2D Communications. *IEEE Journal on Selected Areas in Communications*, **2018**, 36, 1986-1999	14.2	101
451	When Mobile Blockchain Meets Edge Computing. *IEEE Communications Magazine*, **2018**, 56, 33-39	9.1	312
450	A Dynamic Edge Caching Framework for Mobile 5G Networks. *IEEE Wireless Communications*, **2018**, 25, 95-103	13.4	31
449	A Stackelberg Game Approach to Proactive Caching in Large-Scale Mobile Edge Networks. *IEEE Transactions on Wireless Communications*, **2018**, 17, 5198-5211	9.6	39
448	Mobile social media networks caching with convolutional neural network **2018**,		11
447	Network Virtualization Resource Allocation and Economics Based on Prey-Predator Food Chain Model. *IEEE Transactions on Communications*, **2018**, 1-1	6.9	5
446	Resource allocation for wireless virtualized hetnet with caching and hybrid energy supply **2018**,		5

445	Hierarchical Edge Caching in Device-to-Device Aided Mobile Networks: Modeling, Optimization, and Design. *IEEE Journal on Selected Areas in Communications*, **2018**, 36, 1768-1785	14.2	67
444	Multi-Dimensional Incentive Mechanism in Mobile Crowdsourcing with Moral Hazard. *IEEE Transactions on Mobile Computing*, **2018**, 17, 604-616	4.6	21
443	A Discrete-Time Mean Field Game in Multi-UAV Wireless Communication Systems **2018**,		7
442	Computation Offloading Over Fog and Cloud Using Multi-Dimensional Multiple Knapsack Problem **2018**,		12
441	Backscatter Communications Over Ambient OFDM Signals Using Null Subcarriers **2018**,		13
440	Dynamic Spectrum Access in Cognitive Radio Networks Using Deep Reinforcement Learning and Evolutionary Game **2018**,		12
439	A Dynamic Power Allocation Scheme in Power-Domain NOMA using Actor-Critic Reinforcement Learning **2018**,		8
438	JOINT CONTENT POPULARITY PREDICTION AND CONTENT DELIVERY POLICY FOR CACHE-ENABLED D2D NETWORKS: A DEEP REINFORCEMENT LEARNING APPROACH **2018**,		9
437	Data-Driven Optimization for Utility Providers with Differential Privacy of Users' Energy Profile **2018**,		4
436	Cyber Attacks on Smart Energy Grids Using Generative Adverserial Networks **2018**,		12
435	Optimal Transmit Antenna Selection Strategy for MIMO Wiretap Channel Based on Deep Reinforcement Learning **2018**,		6
434	Auction-Based Users Dynamic Allocation in Heterogeneous Networks **2018**,		2
433	Cellular Internet-of-Things (IoT) Communications over Unlicensed Band **2018**,		2
432	Performance analysis of two-way relay system based on ambient backscatter **2018**,		4
431	SRPV: A Scalable Revocation Scheme for Pseudonyms-Based Vehicular Ad Hoc Networks **2018**,		7
430	Stable Multiple Activity Matching Based Content Sharing for Mobile Crowd Sensing **2018**,		4
429	Securing Small Cell Networks Under Interference Constraint: A Quasi-Variational Inequality Approach **2018**,		1
428	Matching-Based Resource Allocation and Distributed Power Control Using Mean Field Game in the NOMA-Based UAV Networks **2018**,		5

427	Game-Theoretic Approaches for Wireless Communications with Unmanned Aerial Vehicles. *IEEE Wireless Communications*, **2018**, 25, 104-112	13.4	20
426	Downlink Interference Management in Dense Drone Small Cells Networks Using Mean-Field Game Theory **2018**,		5
425	IEEE Access Special Section Editorial: Socially Enabled Networking And Computing. *IEEE Access*, **2018**, 6, 72037-72040	3.5	
424	Does Ambient Backscatter Communication Need Additional Regulations? **2018**,		8
423	Networked Data Transaction in Mobile Networks: A Prediction-based Approach Using Auction **2018** ,		3
422	Smart Meter Data Characterization and Clustering for Peak Demand Targeting in Smart Grids **2018**,		1
421	Joint Optimization Scheme for Spectrum Leasing in Cognitive Radio Networks **2018**,		1
420	Exploiting Multi-Hop Relay to Achieve Mobility-Aware Transmission Scheduling in mmWave Systems **2018**,		2
419	TPP: Trajectory Privacy Preservation Against Tensor Voting Based Inference Attacks. *IEEE Access*, **2018**, 6, 77975-77985	3.5	4
418	Sensor Deployment Recommendation for 3D Fine-Grained Air Quality Monitoring Using Semi-Supervised Learning **2018**,		8
417	Computation Offloading With Data Caching Enhancement for Mobile Edge Computing. *IEEE Transactions on Vehicular Technology*, **2018**, 67, 11098-11112	6.8	74
416	Block-Wise Compressive Sensing Based Multiple Line Outage Detection for Smart Grid. *IEEE Access*, **2018**, 6, 50984-50993	3.5	12
415	Multi-Antenna Receiver for Ambient Backscatter Communication Systems **2018**,		12
414	Contract-Based Spectrum Allocation for Wireless Virtualized Networks. *IEEE Transactions on Wireless Communications*, **2018**, 17, 7222-7235	9.6	4
413	Intercommunity Detection Scheme for Social Internet of Things: Compressive Sensing Over Graphs Approach. *IEEE Internet of Things Journal*, **2018**, 5, 4550-4557	10.7	16
412	Data-Driven Optimization Based Primary Users Operational Privacy Preservation. *IEEE Transactions on Cognitive Communications and Networking*, **2018**, 4, 357-367	6.6	9
411	Game Theory for Big Data Processing: Multileader Multifollower Game-Based ADMM. *IEEE Transactions on Signal Processing*, **2018**, 66, 3933-3945	4.8	10
410	Stackelberg-type channel state information feedback control game for energy efficiency in wireless networks. *IET Communications*, **2018**, 12, 297-303	1.3	

409	Heterogeneous Ultra Dense Networks: Part 2 **2018**, 56, 12-13		5
408	. *IEEE Systems Journal*, **2017**, 11, 1644-1652	4.3	244
407	Collaborative Smartphone Sensing Using Overlapping Coalition Formation Games. *IEEE Transactions on Mobile Computing*, **2017**, 16, 30-43	4.6	18
406	Decentralized Reactive Power Compensation Using Nash Bargaining Solution. *IEEE Transactions on Smart Grid*, **2017**, 8, 1679-1688	10.7	35
405	Resource Management in Cloud Networking Using Economic Analysis and Pricing Models: A Survey. *IEEE Communications Surveys and Tutorials*, **2017**, 19, 954-1001	37.1	120
404	Bridge the Gap Between ADMM and Stackelberg Game: Incentive Mechanism Design for Big Data Networks. *IEEE Signal Processing Letters*, **2017**, 24, 191-195	3.2	14
403	Parallel and Distributed Resource Allocation With Minimum Traffic Disruption for Network Virtualization. *IEEE Transactions on Communications*, **2017**, 65, 1162-1175	6.9	19
402	. *IEEE Transactions on Aerospace and Electronic Systems*, **2017**, 53, 598-618	3.7	59
401	Information Credibility Modeling in Cooperative Networks: Equilibrium and Mechanism Design. *IEEE Journal on Selected Areas in Communications*, **2017**, 35, 432-448	14.2	14
400	Structured-Compressed-Sensing-Based Impulsive Noise Cancelation for MIMO Systems. *IEEE Transactions on Vehicular Technology*, **2017**, 66, 6921-6931	6.8	13
399	Non-Cash Auction for Spectrum Trading in Cognitive Radio Networks: Contract Theoretical Model With Joint Adverse Selection and Moral Hazard. *IEEE Journal on Selected Areas in Communications*, **2017**, 35, 643-653	14.2	27
398	Contract Theory for Wireless Networks. *Wireless Networks*, **2017**,	0.6	29
397	Mobile Charging in Wireless-Powered Sensor Networks: Optimal Scheduling and Experimental Implementation. *IEEE Transactions on Vehicular Technology*, **2017**, 66, 7400-7410	6.8	58
396	. *IEEE Wireless Communications*, **2017**, 24, 80-85	13.4	53
395	Incentive Mechanism for Mobile Crowdsourcing Using an Optimized Tournament Model. *IEEE Journal on Selected Areas in Communications*, **2017**, 35, 880-892	14.2	38
394	Guest Editorial Spectrum Sharing and Aggregation for Future Wireless Networks, Part III. *IEEE Journal on Selected Areas in Communications*, **2017**, 35, 1-5	14.2	4
393	Energy Efficient Optimization for Wireless Virtualized Small Cell Networks With Large-Scale Multiple Antenna. *IEEE Transactions on Communications*, **2017**, 65, 1696-1707	6.9	27
392	Energy-Efficient Resource Allocation for Wireless Powered Massive MIMO System With Imperfect CSI. *IEEE Transactions on Green Communications and Networking*, **2017**, 1, 121-130	4	58

391	Resource Trading for a Small-Cell Caching System: A Contract-Theory Based Approach **2017**,		10
390	Adapting Downlink Power in Fronthaul-Constrained Hierarchical Software-Defined RANs **2017**,		7
389	Dynamic Path To Stability in LTE-Unlicensed With User Mobility: A Matching Framework. *IEEE Transactions on Wireless Communications*, **2017**, 16, 4547-4561	9.6	40
388	Matching Theory for Wireless Networks. *Wireless Networks*, **2017**,	0.6	35
387	Design and Optimization on Training Sequence for mmWave Communications: A New Approach for Sparse Channel Estimation in Massive MIMO. *IEEE Journal on Selected Areas in Communications*, **2017**, 35, 1486-1497	14.2	45
386	Distributed Power Optimization for Security-Aware Multi-Channel Full-Duplex Communications: A Variational Inequality Framework. *IEEE Transactions on Communications*, **2017**, 65, 4065-4079	6.9	14
385	Approximate Message Passing for Structured Affine Rank Minimization Problem. *IEEE Access*, **2017**, 5, 10093-10107	3.5	2
384	. *IEEE Transactions on Wireless Communications*, **2017**, 16, 5825-5837	9.6	117
383	Service Provisioning and User Association for Heterogeneous Wireless Railway Networks. *IEEE Transactions on Communications*, **2017**, 65, 3066-3078	6.9	7
382	Joint Source-Relay Secure Precoding for MIMO Relay Networks With Direct Links. *IEEE Transactions on Communications*, **2017**, 65, 2781-2793	6.9	16
381	Cyber Insurance for Plug-In Electric Vehicle Charging in Vehicle-to-Grid Systems. *IEEE Network*, **2017**, 31, 38-46	11.4	16
380	Physical Layer Security in Wireless Ad Hoc Networks Under A Hybrid Full-/Half-Duplex Receiver Deployment Strategy. *IEEE Transactions on Wireless Communications*, **2017**, 16, 3827-3839	9.6	47
379	Computing Resource Allocation in Three-Tier IoT Fog Networks: A Joint Optimization Approach Combining Stackelberg Game and Matching. *IEEE Internet of Things Journal*, **2017**, 4, 1204-1215	10.7	202
378	Mode Selection and Resource Allocation in Device-to-Device Communications: A Matching Game Approach. *IEEE Transactions on Mobile Computing*, **2017**, 16, 3126-3141	4.6	87
377	Privacy Management and Optimal Pricing in People-Centric Sensing. *IEEE Journal on Selected Areas in Communications*, **2017**, 35, 906-920	14.2	25
376	. *IEEE Transactions on Wireless Communications*, **2017**, 16, 1205-1217	9.6	77
375	Combating Full-Duplex Active Eavesdropper: A Hierarchical Game Perspective. *IEEE Transactions on Communications*, **2017**, 65, 1379-1395	6.9	71
374	Machine Learning Paradigms for Next-Generation Wireless Networks. *IEEE Wireless Communications*, **2017**, 24, 98-105	13.4	580

373	Resource Allocation in Wireless Powered Relay Networks: A Bargaining Game Approach. *IEEE Transactions on Vehicular Technology*, **2017**, 66, 6310-6323	6.8	24
372	An indirect reciprocity based incentive framework for cooperative spectrum sensing **2017**,		1
371	Adverse selection based incentive mechanism for cooperative caching in distributed storage system **2017**,		4
370	Exploiting the stable fixture matching game for mobile crowd sensing: A local event sharing framework **2017**,		1
369	Network Effect-Based Sequential Dynamic Pricing for Mobile Social Data Market **2017**,		20
368	Design of Contract-Based Trading Mechanism for a Small-Cell Caching System. *IEEE Transactions on Wireless Communications*, **2017**, 16, 6602-6617	9.6	47
367	Block-sparse compressive sensing based multi-user and signal detection for generalized spatial modulation in NOMA **2017**,		3
366	End-to-End Backlog and Delay Bound Analysis for Multi-Hop Vehicular Ad Hoc Networks. *IEEE Transactions on Wireless Communications*, **2017**, 16, 6808-6821	9.6	35
365	Taking Drones to the Next Level: Cooperative Distributed Unmanned-Aerial-Vehicular Networks for Small and Mini Drones. *IEEE Vehicular Technology Magazine*, **2017**, 12, 73-82	9.9	248
364	Applications of Economic and Pricing Models for Wireless Network Security: A Survey. *IEEE Communications Surveys and Tutorials*, **2017**, 19, 2735-2767	37.1	28
363	Bridging the gap between big data and game theory: A general hierarchical pricing framework **2017**,		5
362	A contract-based incentive mechanism for energy harvesting-based Internet of Things **2017**,		14
361	Enabling efficient multi-channel bonding for IEEE 802.11ac WLANs **2017**,		10
360	A Hierarchical Game Framework for Resource Management in Fog Computing. *IEEE Communications Magazine*, **2017**, 55, 52-57	9.1	180
359	Delay-tolerant resource scheduling in large-scale virtualized radio access networks **2017**,		1
358	FHY-layer authentication with multiple landmarks with reduced communication overhead **2017**,		4
357	Collaborative Multi-Tier Caching in Heterogeneous Networks: Modeling, Analysis, and Design. *IEEE Transactions on Wireless Communications*, **2017**, 16, 6926-6939	9.6	74
356	Power-Efficient Secure Transmission Against Full-Duplex Active Eavesdropper: A Game-Theoretic Framework. *IEEE Access*, **2017**, 5, 24632-24645	3.5	11

355	Joint optimization of cognitive RF energy harvesting and channel access using Markovian Multi-Armed Bandit problem **2017**,		5
354	Block Sparse Bayesian Learning-Based NB-IoT Interference Elimination in LTE-Advanced Systems. *IEEE Transactions on Communications*, **2017**, 1-1	6.9	32
353	QoE-Driven Channel Allocation and Handoff Management for Seamless Multimedia in Cognitive 5G Cellular Networks. *IEEE Transactions on Vehicular Technology*, **2017**, 66, 6569-6585	6.8	46
352	A Multi-Leader Multi-Follower Stackelberg Game for Resource Management in LTE Unlicensed. *IEEE Transactions on Wireless Communications*, **2017**, 16, 348-361	9.6	57
351	Optimal Wireless Energy Charging for Incentivized Content Transfer in Mobile PublishSubscribe Networks. *IEEE Transactions on Vehicular Technology*, **2017**, 66, 3420-3434	6.8	5
350	Offloading in HetNet: A Coordination of Interference Mitigation, User Association, and Resource Allocation. *IEEE Transactions on Mobile Computing*, **2017**, 16, 2276-2291	4.6	46
349	. *IEEE Transactions on Vehicular Technology*, **2017**, 66, 3265-3279	6.8	21
348	Interference-Constrained Pricing for D2D Networks. *IEEE Transactions on Wireless Communications*, **2017**, 16, 475-486	9.6	41
347	Sub-array based hybrid precoding design for downlink millimeter-wave multi-user massive MIMO systems **2017**,		2
346	Secrecy sum rate maximization in NOMA systems with wireless information and power transfer **2017**,		14
345	A Hybrid-LBT MAC with Adaptive Sleep for LTE LAA Coexisting with Wi-Fi over Unlicensed Band **2017**,		12
344	V2X Meets NOMA: Non-Orthogonal Multiple Access for 5G-Enabled Vehicular Networks. *IEEE Wireless Communications*, **2017**, 24, 14-21	13.4	100
343	Heterogeneous Ultra-Dense Networks: Part 1 **2017**, 55, 68-69		4
342	An EPEC Analysis for Power Allocation in LTE-V Networks **2017**,		3
341	Large-Scale Fog Computing Optimization Using Equilibrium Problem with Equilibrium Constraints **2017**,		8
340	Power Control Mean Field Game with Dominator in Ultra-Dense Small Cell Networks **2017**,		7
339	Joint Optimization for Computation Offloading and Resource Allocation in Internet of Things **2017**,		13
338	Two-Stage Matching for Energy-Efficient Resource Management in D2D Cooperative Relay Communications **2017**,		11

337	Contract-Based Cache Partitioning and Pricing Mechanism in Wireless Network Slicing **2017**,		5
336	Data Transaction Modeling in Mobile Networks: Contract Mechanism and Performance Analysis **2017**,		10
335	A Low Complexity Matching Game Approach for LTE-Unlicensed **2017**,		2
334	End-to-end backlog and delay bound analysis using martingale for Internet of vehicles **2017**,		4
333	Moral Hazard Based Incentive Mechanism for Cooperative Caching in Multi-Hop Communications **2017**,		2
332	Multi-leader multi-follower game-based ADMM for big data processing **2017**,		4
331	Primary Users' Operational Privacy Preservation via Data-Driven Optimization **2017**,		3
330	Power Allocation for Secrecy Efficiency in Full-Duplex Relay Assisted Cooperative Networks **2017**,		1
329	Power Allocation in HetNets with Hybrid Energy Supply Using Actor-Critic Reinforcement Learning **2017**,		13
328	Dynamic Resource Matching for Socially Cooperative Caching in IoT Networking **2017**,		2
327	Matching game based resource allocation for 5G H-CRAN networks with device-to-device communication **2017**,		4
326	Resource allocation in spectrum-sharing Cloud Based Integrated Terrestrial-Satellite Network **2017** ,		17
325	Multi-dimensional Payment Plan in Fog Computing with Moral Hazard. *Wireless Networks*, **2017**, 73-88	0.6	8
324	Full-Duplex Communications and Networks **2017**,		24
323	Indirect-Reciprocity Data Fusion Game and Application to Cooperative Spectrum Sensing. *IEEE Transactions on Wireless Communications*, **2017**, 16, 6571-6585	9.6	5
322	Network Science Approach for Device Discovery in Mobile Device-to-Device Communications. *IEEE Transactions on Vehicular Technology*, **2016**, 65, 5665-5679	6.8	17
321	Achieving High Energy Efficiency and Physical-Layer Security in AF Relaying. *IEEE Transactions on Wireless Communications*, **2016**, 15, 740-752	9.6	45
320	Optimal Base Station Scheduling for Device-to-Device Communication Underlaying Cellular Networks. *IEEE Journal on Selected Areas in Communications*, **2016**, 34, 27-40	14.2	17

319	Real-Time Detection of False Data Injection in Smart Grid Networks: An Adaptive CUSUM Method and Analysis. *IEEE Systems Journal*, **2016**, 10, 532-543	4.3	100
318	System Hardening and Condition-Based Maintenance for Electric Power Infrastructure Under Hurricane Effects. *IEEE Transactions on Reliability*, **2016**, 65, 1457-1470	4.6	19
317	Energy Efficient D2D Communications: A Perspective of Mechanism Design. *IEEE Transactions on Wireless Communications*, **2016**, 15, 7272-7285	9.6	41
316	Distributed wireless energy scheduling for wireless powered sensor networks **2016**,		7
315	Market model and optimal pricing scheme of big data and Internet of Things (IoT) **2016**,		43
314	Context-aware data caching for 5G heterogeneous small cells networks **2016**,		27
313	Resource allocation for wireless caching in socially-enabled D2D communications **2016**,		10
312	Caching based socially-aware D2D communications in wireless content delivery networks: a hypergraph framework. *IEEE Wireless Communications*, **2016**, 23, 74-81	13.4	103
311	Analyzing Big Smart Metering Data Towards Differentiated User Services: A Sublinear Approach. *IEEE Transactions on Big Data*, **2016**, 2, 249-261	3.2	12
310	Physical Layer Security in MIMO Backscatter Wireless Systems. *IEEE Transactions on Wireless Communications*, **2016**, 15, 7547-7560	9.6	43
309	Resource allocation in wireless powered relay networks through a nash bargaining game **2016**,		3
308	Combating full-duplex active eavesdropper: A game-theoretic perspective **2016**,		5
307	Full-duplex machine-to-machine communication for wireless-powered Internet-of-Things **2016**,		8
306	Optimal uplink and downlink channel assignment in a full-duplex multiuser system **2016**,		4
305	Complex network theoretical analysis on information dissemination over vehicular networks **2016**,		13
304	Incentive design for collaborative jamming using contract theory in physical layer security **2016**,		6
303	Network Association Strategies for an Energy Harvesting Aided Super-WiFi Network Relying on Measured Solar Activity. *IEEE Journal on Selected Areas in Communications*, **2016**, 34, 3785-3797	14.2	43
302	Matching Theory: Applications in wireless communications. *IEEE Signal Processing Magazine*, **2016**, 33, 103-122	9.4	98

301	Joint Optimization of User Grouping and Transmitter Connection on Multi-Cell SNR Blind Interference Alignment. *IEEE Access*, **2016**, 4, 4974-4988	3.5	6
300	Wireless powered communication networks: architectures, protocol designs, and standardization [Guest Editorial]. *IEEE Wireless Communications*, **2016**, 23, 8-9	13.4	4
299	A Survey of Emerging M2M Systems: Context, Task, and Objective. *IEEE Internet of Things Journal*, **2016**, 3, 1246-1258	10.7	34
298	Data Collection and Wireless Communication in Internet of Things (IoT) Using Economic Analysis and Pricing Models: A Survey. *IEEE Communications Surveys and Tutorials*, **2016**, 18, 2546-2590	37.1	183
297	Incentivizing Selected Devices to Perform Cooperative Content Delivery: A Carrier Aggregation-Based Approach. *IEEE Transactions on Wireless Communications*, **2016**, 1-1	9.6	8
296	The PHEV Charging Scheduling and Power Supply Optimization for Charging Stations. *IEEE Transactions on Vehicular Technology*, **2016**, 65, 566-580	6.8	34
295	Cross-Layer Protocol Design for CSMA/CD in Full-Duplex WiFi Networks. *IEEE Communications Letters*, **2016**, 20, 792-795	3.8	21
294	Offloading in Software Defined Network at Edge with Information Asymmetry: A Contract Theoretical Approach. *Journal of Signal Processing Systems*, **2016**, 83, 241-253	1.4	22
293	Smart data pricing models for the internet of things: a bundling strategy approach. *IEEE Network*, **2016**, 30, 18-25	11.4	52
292	Secure Green Communication via Untrusted Two-Way Relaying: A Physical Layer Approach. *IEEE Transactions on Communications*, **2016**, 64, 1861-1874	6.9	41
291	Zero-Determinant Strategy for Resource Sharing in Wireless Cooperations. *IEEE Transactions on Wireless Communications*, **2016**, 15, 2179-2192	9.6	18
290	Unsupervised Profiling of Microglial Arbor Morphologies and Distribution Using a Nonparametric Bayesian Approach. *IEEE Journal on Selected Topics in Signal Processing*, **2016**, 10, 115-129	7.5	1
289	User Association in Heterogeneous Networks: A Social Interaction Approach. *IEEE Transactions on Vehicular Technology*, **2016**, 65, 9982-9993	6.8	18
288	Electric Power Grid Restoration Considering Disaster Economics. *IEEE Access*, **2016**, 4, 639-649	3.5	28
287	. *IEEE Transactions on Vehicular Technology*, **2016**, 65, 9902-9914	6.8	80
286	. *IEEE Transactions on Vehicular Technology*, **2016**, 1-1	6.8	51
285	Wireless Charging Technologies: Fundamentals, Standards, and Network Applications. *IEEE Communications Surveys and Tutorials*, **2016**, 18, 1413-1452	37.1	481
284	Carrier Aggregation Between Operators in Next Generation Cellular Networks: A Stable Roommate Market. *IEEE Transactions on Wireless Communications*, **2016**, 15, 633-650	9.6	34

283	Interference Improves PHY Security for Cognitive Radio Networks. *IEEE Transactions on Information Forensics and Security*, **2016**, 11, 609-620	8	23
282	Exploiting Device-to-Device Communications to Enhance Spatial Reuse for Popular Content Downloading in Directional mmWave Small Cells. *IEEE Transactions on Vehicular Technology*, **2016**, 65, 5538-5550	6.8	36
281	Physical layer security game with full-duplex proactive eavesdropper **2016**,		2
280	Bidding Privacy Preservation for Dynamic Matching Based Spectrum Trading **2016**,		2
279	Exploiting the Stable Fixture Matching Game for Content Sharing in D2D-Based LTE-V2X Communications **2016**,		12
278	A Contract-Theoretic Approach to Spectrum Resource Allocation in Wireless Virtualization **2016**,		16
277	Impulsive Noise Cancellation for MIMO-OFDM PLC Systems: A Structured Compressed Sensing Perspective **2016**,		3
276	Complementary Investment of Infrastructure and Service Providers in Wireless Network Virtualization **2016**,		4
275	A Hierarchical Game Approach for Visible Light Communication and D2D Heterogeneous Network **2016**,		6
274	Training Sequence Design and Optimization for Structured Compressive Sensing Based Channel Estimation in Massive MIMO Systems **2016**,		2
273	Opportunistic Energy Scheduling in Wireless Powered Sensor Networks **2016**,		1
272	Guest Editorial Spectrum Sharing and Aggregation for Future Wireless Networks, Part II. *IEEE Journal on Selected Areas in Communications*, **2016**, 34, 2809-2813	14.2	
271	Bit error rate analysis in hybrid full duplex/half duplex relay cooperative networks **2016**,		1
270	Distributed algorithms for peak ramp minimization problem in smart grid **2016**,		4
269	Fairness-Throughput Tradeoff in Full-Duplex WiFi Networks **2016**,		3
268	Coordinated power reduction in multi-tenant colocation datacenter: An emergency demand response study **2016**,		6
267	LTE-Unlicensed Coexistence Mechanism: A Matching Game Framework. *IEEE Wireless Communications*, **2016**, 23, 54-60	13.4	31
266	Multi-dimensional payment plan in fog computing with moral hazard **2016**,		5

265	Wireless Distributed Storage in Socially Enabled D2D Communications. *IEEE Access*, **2016**, 4, 1971-1984	3.5	41
264	A Survey on Applications of Model-Free Strategy Learning in Cognitive Wireless Networks. *IEEE Communications Surveys and Tutorials*, **2016**, 18, 1717-1757	37.1	52
263	Radio Resource Allocation for Device-to-Device Underlay Communication Using Hypergraph Theory. *IEEE Transactions on Wireless Communications*, **2016**, 1-1	9.6	48
262	Guest Editorial Spectrum Sharing and Aggregation for Future Wireless Networks, Part I. *IEEE Journal on Selected Areas in Communications*, **2016**, 34, 2533-2536	14.2	
261	Joint User Pairing, Subchannel, and Power Allocation in Full-Duplex Multi-User OFDMA Networks. *IEEE Transactions on Wireless Communications*, **2016**, 15, 8260-8272	9.6	44
260	Transmit optimization for secure MIMO RFID wireless communication **2016**,		3
259	Cooperative WiFi management: Nash bargaining solution and implementation **2016**,		3
258	Enhancing software-defined RAN with collaborative caching and scalable video coding **2016**,		28
257	Reward-to-Reduce: An Incentive Mechanism for Economic Demand Response of Colocation Datacenters. *IEEE Journal on Selected Areas in Communications*, **2016**, 34, 3941-3953	14.2	17
256	Traffic prediction based resource configuration in space-based systems **2016**,		4
255	Fog computing in multi-tier data center networks: A hierarchical game approach **2016**,		48
254	Design and implementation of device-to-device software-defined networks **2016**,		10
253	Interference-Aware Coordinated Power Allocation in Autonomous Wi-Fi Environment. *IEEE Access*, **2016**, 4, 3489-3500	3.5	6
252	Stochastic Pre-hurricane Restoration Planning for Electric Power Systems Infrastructure. *IEEE Transactions on Smart Grid*, **2015**, 6, 1046-1054	10.7	150
251	Dynamic femtocaching for mobile users **2015**,		5
250	Contract-Based Incentive Mechanisms for Device-to-Device Communications in Cellular Networks. *IEEE Journal on Selected Areas in Communications*, **2015**, 33, 2144-2155	14.2	166
249	A Bayesian Overlapping Coalition Formation Game for Device-to-Device Spectrum Sharing in Cellular Networks. *IEEE Transactions on Wireless Communications*, **2015**, 14, 4034-4051	9.6	53
248	Matching and Cheating in Device to Device Communications Underlying Cellular Networks. *IEEE Journal on Selected Areas in Communications*, **2015**, 33, 2156-2166	14.2	67

247	Byzantine Attack and Defense in Cognitive Radio Networks: A Survey. *IEEE Communications Surveys and Tutorials*, **2015**, 17, 1342-1363	37.1	141
246	Joint Cloud and Wireless Networks Operations in Mobile Cloud Computing Environments With Telecom Operator Cloud. *IEEE Transactions on Wireless Communications*, **2015**, 14, 4020-4033	9.6	59
245	Matching theory for future wireless networks: fundamentals and applications **2015**, 53, 52-59		348
244	Joint Pricing and Load Balancing for Cognitive Spectrum Access: Non-Cooperation Versus Cooperation. *IEEE Journal on Selected Areas in Communications*, **2015**, 33, 972-985	14.2	20
243	Decentralized dynamic spectrum access in full-duplex cognitive radio networks **2015**,		16
242	Secure green communication for amplify-and-forward relaying with eavesdroppers **2015**,		5
241	Dynamic Energy Trading for Energy Harvesting Communication Networks: A Stochastic Energy Trading Game. *IEEE Journal on Selected Areas in Communications*, **2015**, 33, 2718-2734	14.2	43
240	Applications of Repeated Games in Wireless Networks: A Survey. *IEEE Communications Surveys and Tutorials*, **2015**, 17, 2102-2135	37.1	30
239	RF energy harvesting for WSNs via dynamic control of unmanned vehicle charging **2015**,		8
238	Performance analysis of delay-constrained wireless energy harvesting communication networks under jamming attacks **2015**,		4
237	Context aware clustering in VANETs: A game theoretic perspective **2015**,		11
236	Queueing Game for Spectrum Access in Cognitive Radio Networks. *IEEE Communications Letters*, **2015**, 19, 2017-2020	3.8	15
235	Mode selection, user pairing, subcarrier allocation and power control in full-duplex OFDMA HetNets **2015**,		11
234	Distributed Demand Side Management with Energy Storage in Smart Grid. *IEEE Transactions on Parallel and Distributed Systems*, **2015**, 26, 3346-3357	3.7	94
233	Deferrable load scheduling under imperfect data communication channel. *Wireless Communications and Mobile Computing*, **2015**, 15, 2049-2064	1.9	2
232	Wireless Networks With RF Energy Harvesting: A Contemporary Survey. *IEEE Communications Surveys and Tutorials*, **2015**, 17, 757-789	37.1	1479
231	Approximate message passing for sparse recovering of spatially and temporally correlated data **2015**,		1
230	Exploiting social-interest interactions on user clustering and content dissemination in device-to-device communications **2015**,		7

229	Transmission network restoration considering AC power flow constraints **2015**,		7
228	Delay Bound Analysis Using Martingale for Multimedia DTN under Heterogeneous Network for High-Speed Trains **2015**,		8
227	Joint Optimization for Power Scheduling and Transfer in Energy Harvesting Communications **2015**,		3
226	A Hierarchical Game Approach for Multi-Operator Spectrum Sharing in LTE Unlicensed **2015**,		36
225	Secrecy Analysis on Network Coding in Bidirectional Multibeam Satellite Communications. *IEEE Transactions on Information Forensics and Security*, **2015**, 10, 1862-1874	8	31
224	Full-Duplex MAC Protocol Design and Analysis. *IEEE Communications Letters*, **2015**, 19, 1185-1188	3.8	62
223	Energy-Efficient Resource Allocation for Device-to-Device Underlay Communication. *IEEE Transactions on Wireless Communications*, **2015**, 14, 2082-2092	9.6	137
222	Multi-block ADMM for big data optimization in smart grid **2015**,		25
221	Financing contract with adverse selection and moral hazard for spectrum trading in cognitive radio networks **2015**,		8
220	Cross-Layer Protocol Design for Distributed Full-Duplex Network **2015**,		3
219	Social Data Offloading in D2D-Enhanced Cellular Networks by Network Formation Games. *IEEE Transactions on Wireless Communications*, **2015**, 14, 7004-7015	9.6	60
218	Resource allocation in wireless networks with RF energy harvesting and transfer. *IEEE Network*, **2015**, 29, 68-75	11.4	66
217	Distortion minimization via adaptive digital and analog transmission for energy harvesting-based wireless sensor networks **2015**,		3
216	Bayesian reinforcement learning for energy harvesting communication systems with uncertainty **2015**,		11
215	Foresighted resource scheduling in software-defined radio access networks **2015**,		5
214	Incentive mechanism in crowdsourcing with moral hazard **2015**,		3
213	Exploiting Student-Project Allocation Matching for Spectrum Sharing in LTE-Unlicensed **2015**,		32
212	Tensor Voting Techniques and Applications in Mobile Trace Inference. *IEEE Access*, **2015**, 3, 3000-3009	3.5	4

211	Distributed user association and interference coordination in HetNets using Stackelberg game **2015**,		9
210	A stackelberg game-based energy trading scheme for power beacon-assisted wireless-powered communication **2015**,		19
209	Energy Efficient Secure Communication Over Decode-and-Forward Relay Channels. *IEEE Transactions on Communications*, **2015**, 63, 892-905	6.9	37
208	Bayesian Hierarchical Mechanism Design for Cognitive Radio Networks. *IEEE Journal on Selected Areas in Communications*, **2015**, 33, 986-1001	14.2	13
207	Social-Aware Peer Discovery for D2D Communications Underlaying Cellular Networks. *IEEE Transactions on Wireless Communications*, **2015**, 14, 2426-2439	9.6	84
206	Wireless Device-to-Device Communications and Networks **2015**,		79
205	Approximate Online Learning Algorithms for Optimal Monitoring in Multi-Channel Wireless Networks. *IEEE Transactions on Wireless Communications*, **2014**, 13, 1023-1033	9.6	10
204	Secondary Users Entering the Pool: A Joint Optimization Framework for Spectrum Pooling. *IEEE Journal on Selected Areas in Communications*, **2014**, 32, 572-588	14.2	32
203	Detecting False Data Injection Attacks on Power Grid by Sparse Optimization. *IEEE Transactions on Smart Grid*, **2014**, 5, 612-621	10.7	256
202	Coalitional Games for Resource Allocation in the Device-to-Device Uplink Underlaying Cellular Networks. *IEEE Transactions on Wireless Communications*, **2014**, 13, 3965-3977	9.6	147
201	Coalitional Games with Overlapping Coalitions for Interference Management in Small Cell Networks. *IEEE Transactions on Wireless Communications*, **2014**, 13, 2659-2669	9.6	80
200	Optimal Pricing for Duopoly in Cognitive Radio Networks: Cooperate or not Cooperate?. *IEEE Transactions on Wireless Communications*, **2014**, 13, 2574-2587	9.6	19
199	. *IEEE Transactions on Smart Grid*, **2014**, 5, 1439-1450	10.7	252
198	Radio resource allocation for physical-layer security in D2D underlay communications **2014**,		44
197	TOSS: Traffic offloading by social network service-based opportunistic sharing in mobile social networks **2014**,		80
196	Sensing-Transmission Edifice Using Bayesian Nonparametric Traffic Clustering in Cognitive Radio Networks. *IEEE Transactions on Mobile Computing*, **2014**, 13, 2141-2155	4.6	15
195	A college admissions game for uplink user association in wireless small cell networks **2014**,		86
194	. *IEEE Transactions on Vehicular Technology*, **2014**, 63, 2600-2612	6.8	165

193	Adaptive Quickest Estimation Algorithm for Smart Grid Network Topology Error. *IEEE Systems Journal*, **2014**, 8, 430-440	4.3	12
192	Incentive Mechanism for Demand Side Management in Smart Grid Using Auction. *IEEE Transactions on Smart Grid*, **2014**, 5, 1379-1388	10.7	126
191	Distributed User Association and Femtocell Allocation in Heterogeneous Wireless Networks. *IEEE Transactions on Communications*, **2014**, 62, 3027-3043	6.9	69
190	Distributed Cooperative Sensing in Cognitive Radio Networks: An Overlapping Coalition Formation Approach. *IEEE Transactions on Communications*, **2014**, 62, 3144-3160	6.9	33
189	Data Traffic Scheduling for Cyber Physical Systems With Application in Voltage Control of Distributed Generations: A Hybrid System Framework. *IEEE Systems Journal*, **2014**, 8, 542-552	4.3	15
188	Exploiting Student-Project Allocation Matching for Spectrum Sharing in LTE-Unlicensed **2014**,		1
187	Optimal decentralized security software deployment in multihop wireless networks **2014**,		2
186	Distributed data aggregation in machine-to-machine communication networks based on coalitional game **2014**,		7
185	Efficient data collection for wireless rechargeable sensor clusters in Harsh terrains using UAVs **2014**,		38
184	Optimal energy management policy of a mobile cloudlet with wireless energy charging **2014**,		5
183	Load balancing and pricing for spectrum access control in cognitive radio networks **2014**,		4
182	Impact of full duplex on resource allocation for small cell networks **2014**,		13
181	Power allocation with stackelberg game in femtocell networks: A self-learning approach **2014**,		2
180	Interference constrained device-to-device communications **2014**,		16
179	Dynamic maintenance scheduling for power systems incorporating hurricane effects **2014**,		16
178	Cheating in matching of device to device pairs in cellular networks **2014**,		18
177	Zero-determinant strategy for power control of small cell network **2014**,		19
176	Zero-determinant strategy in cheating management of wireless cooperation **2014**,		4

175	Graph-based resource allocation for device-to-device communications aided cellular network **2014**,		6
174	A routing game in Cognitive Radio Networks against Routing-toward-Primary-User Attacks **2014**,		5
173	Power control for device-to-device communications as an underlay to cellular system **2014**,		23
172	Routing based on layered stochastic games for multi-hop cognitive radio networks **2014**,		1
171	Distributed massive wireless access for cellular machine-to-machine communication **2014**,		15
170	Multi-leader multi-follower stackelberg game among Wi-Fi, small cell and macrocell networks **2014**,		12
169	Distributed matching based spectrum allocation in cognitive radio networks **2014**,		25
168	Opportunistic relay selection for cooperative energy harvesting communication networks **2014**,		12
167	Efficient resource allocation for mobile social networks in D2D communication underlaying cellular networks **2014**,		24
166	Smart grid sensor data collection, communication, and networking: a tutorial. *Wireless Communications and Mobile Computing*, **2014**, 14, 1055-1087	1.9	78
165	Overlapping coalition formation games for cooperative interference management in small cell networks **2013**,		11
164	Stackelberg game for spectrum reuse in the two-tier LTE femtocell network **2013**,		1
163	Truthful Mechanisms for Secure Communication in Wireless Cooperative System. *IEEE Transactions on Wireless Communications*, **2013**, 12, 4236-4245	9.6	27
162	Joint scheduling and resource allocation for device-to-device underlay communication **2013**,		30
161	Efficiency Resource Allocation for Device-to-Device Underlay Communication Systems: A Reverse Iterative Combinatorial Auction Based Approach. *IEEE Journal on Selected Areas in Communications*, **2013**, 31, 348-358	14.2	352
160	Overlapping coalitional games for collaborative sensing in cognitive radio networks **2013**,		20
159	Routing-Toward-Primary-User Attack and Belief Propagation-Based Defense in Cognitive Radio Networks. *IEEE Transactions on Mobile Computing*, **2013**, 12, 1750-1760	4.6	14
158	Precoder design for a single-relay non-orthogonal AF system based on mutual information **2013**,		1

#			
157	Physical-Layer Security in Distributed Wireless Networks Using Matching Theory. *IEEE Transactions on Information Forensics and Security*, **2013**, 8, 717-732	8	58
156	Energy-aware resource allocation for device-to-device underlay communication **2013**,		98
155	Graph-based resource allocation for D2D communications underlaying cellular networks **2013**,		20
154	Hyperspectral image classification based on Dirichlet Process mixture models **2013**,		2
153	Distributed resource allocation for device-to-device communications underlaying cellular networks **2013**,		58
152	Interference Aware Routing Using Network Formation Game in Cognitive Radio Mesh Networks. *IEEE Journal on Selected Areas in Communications*, **2013**, 31, 2494-2503	14.2	7
151	Decentralized Bargain: A Two-Tier Market for Efficient and Flexible Dynamic Spectrum Access. *IEEE Transactions on Mobile Computing*, **2013**, 12, 1697-1711	4.6	14
150	Social network enhanced device-to-device communication underlaying cellular networks **2013**,		17
149	Detection of false data injection in power grid exploiting low rank and sparsity **2013**,		19
148	A distribute parallel approach for big data scale optimal power flow with security constraints **2013**,		9
147	Efficient anti-jamming truthful spectrum auction among secondary users in cognitive radio networks **2013**,		4
146	Popular content distribution in vehicular networks using coalition formation games **2013**,		7
145	Self-Interest-Driven incentives for ad dissemination in autonomous mobile social networks **2013**,		51
144	On the impact of network-state knowledge on the Feasibility of secrecy **2013**,		2
143	A satisfaction game for heating, ventilation and air conditioning control of smart buildings **2013**,		11
142	A cross-layer perspective on energy harvesting aided green communications over fading channels **2013**,		7
141	Dynamic Popular Content Distribution in Vehicular Networks using Coalition Formation Games. *IEEE Journal on Selected Areas in Communications*, **2013**, 31, 538-547	14.2	74
140	Transient Analysis of Data Traffic in Cognitive Radio Networks: A Non-Equilibrium Statistical Mechanics Approach. *IEEE Transactions on Wireless Communications*, **2013**, 12, 4658-4667	9.6	1

139	Coalitional game theoretic approach for cooperative transmission in vehicular networks **2013**,		8
138	Incentive mechanism for collaborative smartphone sensing using overlapping coalition formation games **2013**,		14
137	Optimal Pricing Effect on Equilibrium Behaviors of Delay-Sensitive Users in Cognitive Radio Networks. *IEEE Journal on Selected Areas in Communications*, **2013**, 31, 2566-2579	14.2	39
136	Compressive Sensing for Wireless Networks **2013**,		63
135	Non-Cooperative Feedback-Rate Control Game for Channel State Information in Wireless Networks. *IEEE Journal on Selected Areas in Communications*, **2012**, 30, 188-197	14.2	27
134	Defeating Primary User Emulation Attacks Using Belief Propagation in Cognitive Radio Networks. *IEEE Journal on Selected Areas in Communications*, **2012**, 30, 1850-1860	14.2	64
133	Coordinated data-injection attack and detection in the smart grid: A detailed look at enriching detection solutions. *IEEE Signal Processing Magazine*, **2012**, 29, 106-115	9.4	151
132	Power Allocation for Two-Way Relay System Based on Sequential Second Price Auction. *Wireless Personal Communications*, **2012**, 67, 47-62	1.9	12
131	Online quickest multiarmed bandit algorithm for distributive renewable energy resources **2012**,		2
130	A framework of frequency oscillation in power grid: Epidemic propagation over social networks **2012**,		3
129	On the physical layer security of backscatter RFID systems **2012**,		5
128	Distributed stable matching algorithm for physical layer security with multiple source-destination pairs and jammer nodes **2012**,		13
127	Energy-efficient radio resource and power allocation for device-to-device communication underlaying cellular networks **2012**,		48
126	Game-Theoretic Methods for the Smart Grid: An Overview of Microgrid Systems, Demand-Side Management, and Smart Grid Communications. *IEEE Signal Processing Magazine*, **2012**, 29, 86-105	9.4	520
125	Joint Relay and Jammer Selection for Secure Two-Way Relay Networks. *IEEE Transactions on Information Forensics and Security*, **2012**, 7, 310-320	8	203
124	On Identifying Primary User Emulation Attacks in Cognitive Radio Systems Using Nonparametric Bayesian Classification. *IEEE Transactions on Signal Processing*, **2012**, 60, 1432-1445	4.8	53
123	Collaborative data dissemination in cognitive VANETs with sensing-throughput tradeoff **2012**,		4
122	Dynamic Spectrum Leasing and Service Selection in Spectrum Secondary Market of Cognitive Radio Networks. *IEEE Transactions on Wireless Communications*, **2012**, 11, 1136-1145	9.6	57

121	Game theoretic modeling of cooperation among service providers in mobile cloud computing environments **2012**,		42
120	A differential game approach to distributed demand side management in smart grid **2012**,		37
119	Demand side management to reduce Peak-to-Average Ratio using game theory in smart grid **2012**,		96
118	Resource allocation using a reverse iterative combinatorial auction for device-to-device underlay cellular networks **2012**,		90
117	Interference-aware resource allocation for device-to-device communications as an underlay using sequential second price auction **2012**,		111
116	Joint power control and subchannel allocation for OFDMA femtocell networks using distributed auction game **2012**,		4
115	Power allocation using Vickrey auction and sequential first-price auction games for physical layer security in cognitive relay networks **2012**,		8
114	Video summary delivery over cooperative wireless networks. *IEEE Wireless Communications*, **2012**, 19, 80-87	13.4	1
113	Sampling spectrum occupancy data over random fields: A matrix completion approach **2012**,		3
112	Multiple operator and multiple femtocell networks: Distributed stable matching **2012**,		20
111	Nonparametric Bayesian identification of primary users' payloads in cognitive radio networks **2012**,		8
110	The Nash equilibrium region of the linear deterministic interference channel with feedback **2012**,		4
109	Content dissemination by pushing and sharing in mobile cellular networks: An analytical study **2012**,		26
108	Collaborative Spectrum Sensing from Sparse Observations in Cognitive Radio Networks. *IEEE Journal on Selected Areas in Communications*, **2011**, 29, 327-337	14.2	114
107	Joint Relay and Jammer Selection for Secure Decode-and-Forward Two-Way Relay Communications **2011**,		4
106	Coalitional Game Theory for Cooperative Micro-Grid Distribution Networks **2011**,		140
105	. *IEEE Transactions on Mobile Computing*, **2011**, 10, 1327-1344	4.6	64
104	Distributed scheduling of wireless communications for voltage control in micro smart grid **2011**,		5

103	Dogfight in Spectrum: Combating Primary User Emulation Attacks in Cognitive Radio Systems—Part II: Unknown Channel Statistics. *IEEE Transactions on Wireless Communications*, **2011**, 10, 274-283	9.6	47
102	Improve secure communications in cognitive two-way relay networks using sequential second price auction **2011**,		6
101	Manipulating the electricity power market via jamming the price signaling in smart grid **2011**,		27
100	Coalition Formation Games for Distributed Cooperation Among Roadside Units in Vehicular Networks. *IEEE Journal on Selected Areas in Communications*, **2011**, 29, 48-60	14.2	115
99	Eavesdropping and jamming in next-generation wireless networks: A game-theoretic approach **2011**,		64
98	Distributed Coalition Formation Games for Secure Wireless Transmission. *Mobile Networks and Applications*, **2011**, 16, 231-245	2.9	15
97	Power allocation for two-way relay system based on sequential second price auction **2011**,		2
96	Multibeam SATCOM systems design with physical layer security **2011**,		3
95	Efficient and reliable multiple access for advanced metering in future smart grid **2011**,		15
94	Dynamic compressive spectrum sensing for cognitive radio networks **2011**,		9
93	High Resolution OFDM Channel Estimation with Low Speed ADC Using Compressive Sensing **2011**,		8
92	Optimization of non-cooperative P2P network from the game theory point of view **2011**,		6
91	Synchronization of power networks without and with communication infrastructures **2011**,		9
90	A feedback rate control game using sequential second price auction for channel state information and intercell interference in wireless networks **2011**,		1
89	Impact of packet loss on power demand estimation and power supply cost in smart grid **2011**,		32
88	A noncooperative game for double auction-based energy trading between PHEVs and distribution grids **2011**,		64
87	Distributed Coalition Formation of Relay and Friendly Jammers for Secure Cooperative Networks **2011**,		17
86	Improve physical layer security in cooperative wireless network using distributed auction games **2011**,		13

85	Joint Relay and Jammer Selection for Secure Two-Way Relay Networks **2011**,		17
84	Coalition formation games for relay transmission: Stability analysis under uncertainty **2011**,		7
83	Evolutionary channel state information feedback control for interference alignment **2011**,		1
82	Maximum-likelihood decoding in decode-and-forward based MIMO cooperative communication systems **2011**,		1
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71	. *IEEE Transactions on Signal Processing*, **2010**, 58, 1875-1888	4.8	998
70	Catch Me if You Can: An Abnormality Detection Approach for Collaborative Spectrum Sensing in Cognitive Radio Networks. *IEEE Transactions on Wireless Communications*, **2010**, 9, 3554-3565	9.6	95
69	. *IEEE Transactions on Mobile Computing*, **2010**, 9, 505-515	4.6	65
68	Distributed Cognitive Sensing for Time Varying Channels: Exploration and Exploitation **2010**,		8

67	Interference Minimization Routing and Scheduling in Cognitive Radio Wireless Mesh Networks **2010**,		9
66	A Two-Tier Market for Decentralized Dynamic Spectrum Access in Cognitive Radio Networks **2010**,		8
65	Physical Layer Security Game: Interaction between Source, Eavesdropper, and Friendly Jammer. *Eurasip Journal on Wireless Communications and Networking*, **2010**, 2009,	3.2	56
64	Network formation games for wireless multi-hop networks in the presence of eavesdroppers **2009**,		3
63	Hierarchical Network Formation Games in the Uplink of Multi-Hop Wireless Networks **2009**,		15
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61	Peer-to-peer file sharing game using correlated equilibrium **2009**,		11
60	Coalition games with cooperative transmission: a cure for the curse of boundary nodes in selfish packet-forwarding wireless networks. *IEEE Transactions on Communications*, **2009**, 57, 203-213	6.9	107
59	*. IEEE Transactions on Vehicular Technology*, **2009**, 58, 3533-3546	6.8	192
58	Coalitional game theory for communication networks. *IEEE Signal Processing Magazine*, **2009**, 26, 77-97	9.4	626
57	Cooperative jamming for wireless physical layer security **2009**,		16
56	CatchIt: Detect Malicious Nodes in Collaborative Spectrum Sensing **2009**,		63
55	Dynamics of Multiple-Seller and Multiple-Buyer Spectrum Trading in Cognitive Radio Networks: A Game-Theoretic Modeling Approach. *IEEE Transactions on Mobile Computing*, **2009**, 8, 1009-1022	4.6	262
54	Relay-centric radio resource management and network planning in IEEE 802.16j mobile multihop relay networks. *IEEE Transactions on Wireless Communications*, **2009**, 8, 6115-6125	9.6	24
53	A Distributed Coalition Formation Framework for Fair User Cooperation in Wireless Networks. *IEEE Transactions on Wireless Communications*, **2009**, 8, 4580-4593	9.6	154
52	Amplify-and-forward based cooperation for secure wireless communications **2009**,		44
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49	A selfish approach to coalition formation among unmanned air vehicles in wireless networks **2009**,		34
48	Asymptotic optimality for distributed spectrum sharing using bargaining solutions. *IEEE Transactions on Wireless Communications*, **2009**, 8, 5225-5237	9.6	52
47	Replacement of Spectrum Sensing in Cognitive Radio. *IEEE Transactions on Wireless Communications* , **2009**, 8, 2819-2826	9.6	26
46	Physical layer security: Coalitional games for distributed cooperation **2009**,		24
45	High performance cooperative transmission protocols based on multiuser detection and network coding. *IEEE Transactions on Wireless Communications*, **2009**, 8, 2352-2361	9.6	16
44	Improved Wireless Secrecy Rate Using Distributed Auction Theory **2009**,		9
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42	Distributed Relay Selection and Power Control for Multiuser Cooperative Communication Networks Using Stackelberg Game. *IEEE Transactions on Mobile Computing*, **2009**, 8, 975-990	4.6	280
41	Dynamic Spectrum Access and Management in Cognitive Radio Networks **2009**,		375
40	Auction-based resource allocation for multi-relay asynchronous cooperative networks. *Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing*, **2008**,	1.6	7
39	Auction-Based Resource Allocation for Cooperative Communications. *IEEE Journal on Selected Areas in Communications*, **2008**, 26, 1226-1237	14.2	192
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18	Multi-node cooperative resource allocation to improve coverage area in wireless networks **2005**,		7
17	Fair multiuser channel allocation for OFDMA networks using Nash bargaining solutions and coalitions. *IEEE Transactions on Communications*, **2005**, 53, 1366-1376	6.9	356
16	Noncooperative power-control game and throughput game over wireless networks. *IEEE Transactions on Communications*, **2005**, 53, 1625-1629	6.9	63
15	Trust modeling and evaluation in ad hoc networks **2005**,		20
14	Simultaneous estimation of kinetic parameters and the input function from DCE-MRI data: theory and simulation **2004**,		2

13	Dynamic distortion control for 3-D embedded wavelet video over multiuser OFDM networks **2004**,		2
12	Joint link quality and power management over wireless networks with fairness constraint and space-time diversity. *IEEE Transactions on Vehicular Technology*, **2004**, 53, 1138-1148	6.8	9
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