

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Wireless Networks With RF Energy Harvesting: A Contemporary Survey. <i>IEEE Communications Surveys and Tutorials</i> , <b>2015</b> , 17, 757-789	37.1	1479
911	. <i>IEEE Transactions on Signal Processing</i> , <b>2010</b> , 58, 1875-1888	4.8	998
910	Coalitional game theory for communication networks. <i>IEEE Signal Processing Magazine</i> , <b>2009</b> , 26, 77-97	9.4	626
909	Machine Learning Paradigms for Next-Generation Wireless Networks. <i>IEEE Wireless Communications</i> , <b>2017</b> , 24, 98-105	13.4	580
908	Game-Theoretic Methods for the Smart Grid: An Overview of Microgrid Systems, Demand-Side Management, and Smart Grid Communications. <i>IEEE Signal Processing Magazine</i> , <b>2012</b> , 29, 86-105	9.4	520
907	Wireless Charging Technologies: Fundamentals, Standards, and Network Applications. <i>IEEE Communications Surveys and Tutorials</i> , <b>2016</b> , 18, 1413-1452	37.1	481
906	Dynamic Spectrum Access and Management in Cognitive Radio Networks <b>2009</b> ,		375
905	Fair multiuser channel allocation for OFDMA networks using Nash bargaining solutions and coalitions. <i>IEEE Transactions on Communications</i> , <b>2005</b> , 53, 1366-1376	6.9	356
904	Efficiency Resource Allocation for Device-to-Device Underlay Communication Systems: A Reverse Iterative Combinatorial Auction Based Approach. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2013</b> , 31, 348-358	14.2	352
903	Matching theory for future wireless networks: fundamentals and applications <b>2015</b> , 53, 52-59		348
902	When Mobile Blockchain Meets Edge Computing. <i>IEEE Communications Magazine</i> , <b>2018</b> , 56, 33-39	9.1	312
901	Game Theory in Wireless and Communication Networks: Theory, Models, and Applications <b>2011</b> ,		281
900	Distributed Relay Selection and Power Control for Multiuser Cooperative Communication Networks Using Stackelberg Game. <i>IEEE Transactions on Mobile Computing</i> , <b>2009</b> , 8, 975-990	4.6	280
899	Dynamics of Multiple-Seller and Multiple-Buyer Spectrum Trading in Cognitive Radio Networks: A Game-Theoretic Modeling Approach. <i>IEEE Transactions on Mobile Computing</i> , <b>2009</b> , 8, 1009-1022	4.6	262
898	Detecting False Data Injection Attacks on Power Grid by Sparse Optimization. <i>IEEE Transactions on Smart Grid</i> , <b>2014</b> , 5, 612-621	10.7	256
897	. <i>IEEE Transactions on Smart Grid</i> , <b>2014</b> , 5, 1439-1450	10.7	252
896	Taking Drones to the Next Level: Cooperative Distributed Unmanned-Aerial-Vehicular Networks for Small and Mini Drones. <i>IEEE Vehicular Technology Magazine</i> , <b>2017</b> , 12, 73-82	9.9	248

895	. <i>IEEE Systems Journal</i> , <b>2017</b> , 11, 1644-1652	4.3	244
894	Joint Relay and Jammer Selection for Secure Two-Way Relay Networks. <i>IEEE Transactions on Information Forensics and Security</i> , <b>2012</b> , 7, 310-320	8	203
893	Computing Resource Allocation in Three-Tier IoT Fog Networks: A Joint Optimization Approach Combining Stackelberg Game and Matching. <i>IEEE Internet of Things Journal</i> , <b>2017</b> , 4, 1204-1215	10.7	202
892	. <i>IEEE Transactions on Vehicular Technology</i> , <b>2009</b> , 58, 3533-3546	6.8	192
891	Auction-Based Resource Allocation for Cooperative Communications. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2008</b> , 26, 1226-1237	14.2	192
890	Data Collection and Wireless Communication in Internet of Things (IoT) Using Economic Analysis and Pricing Models: A Survey. <i>IEEE Communications Surveys and Tutorials</i> , <b>2016</b> , 18, 2546-2590	37.1	183
889	A Hierarchical Game Framework for Resource Management in Fog Computing. <i>IEEE Communications Magazine</i> , <b>2017</b> , 55, 52-57	9.1	180
888	Reconfigurable Intelligent Surfaces for Wireless Communications: Principles, Challenges, and Opportunities. <i>IEEE Transactions on Cognitive Communications and Networking</i> , <b>2020</b> , 6, 990-1002	6.6	172
887	Contract-Based Incentive Mechanisms for Device-to-Device Communications in Cellular Networks. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2015</b> , 33, 2144-2155	14.2	166
886	. <i>IEEE Transactions on Vehicular Technology</i> , <b>2014</b> , 63, 2600-2612	6.8	165
885	Hybrid Beamforming for Reconfigurable Intelligent Surface based Multi-User Communications: Achievable Rates With Limited Discrete Phase Shifts. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2020</b> , 38, 1809-1822	14.2	163
884	User Scheduling and Resource Allocation in HetNets With Hybrid Energy Supply: An Actor-Critic Reinforcement Learning Approach. <i>IEEE Transactions on Wireless Communications</i> , <b>2018</b> , 17, 680-692	9.6	161
883	Cloud/Fog Computing Resource Management and Pricing for Blockchain Networks. <i>IEEE Internet of Things Journal</i> , <b>2019</b> , 6, 4585-4600	10.7	157
882	A Distributed Coalition Formation Framework for Fair User Cooperation in Wireless Networks. <i>IEEE Transactions on Wireless Communications</i> , <b>2009</b> , 8, 4580-4593	9.6	154
881	Resource Allocation for Wireless Networks: Basics, Techniques, and Applications <b>2008</b> ,		154
880	Coordinated data-injection attack and detection in the smart grid: A detailed look at enriching detection solutions. <i>IEEE Signal Processing Magazine</i> , <b>2012</b> , 29, 106-115	9.4	151
879	Joint Optimization of Caching, Computing, and Radio Resources for Fog-Enabled IoT Using Natural Actor-Critic Deep Reinforcement Learning. <i>IEEE Internet of Things Journal</i> , <b>2019</b> , 6, 2061-2073	10.7	151
878	Stochastic Pre-hurricane Restoration Planning for Electric Power Systems Infrastructure. <i>IEEE Transactions on Smart Grid</i> , <b>2015</b> , 6, 1046-1054	10.7	150

877	Coalitional Games for Resource Allocation in the Device-to-Device Uplink Underlying Cellular Networks. <i>IEEE Transactions on Wireless Communications</i> , <b>2014</b> , 13, 3965-3977	9.6	147
876	Byzantine Attack and Defense in Cognitive Radio Networks: A Survey. <i>IEEE Communications Surveys and Tutorials</i> , <b>2015</b> , 17, 1342-1363	37.1	141
875	Reconfigurable Intelligent Surfaces Assisted Communications With Limited Phase Shifts: How Many Phase Shifts Are Enough?. <i>IEEE Transactions on Vehicular Technology</i> , <b>2020</b> , 69, 4498-4502	6.8	141
874	Coalitional Game Theory for Cooperative Micro-Grid Distribution Networks <b>2011</b> ,		140
873	A Deep Reinforcement Learning Network for Traffic Light Cycle Control. <i>IEEE Transactions on Vehicular Technology</i> , <b>2019</b> , 68, 1243-1253	6.8	139
872	Energy-Efficient Resource Allocation for Device-to-Device Underlay Communication. <i>IEEE Transactions on Wireless Communications</i> , <b>2015</b> , 14, 2082-2092	9.6	137
871	Incentive Mechanism for Demand Side Management in Smart Grid Using Auction. <i>IEEE Transactions on Smart Grid</i> , <b>2014</b> , 5, 1379-1388	10.7	126
870	Resource Management in Cloud Networking Using Economic Analysis and Pricing Models: A Survey. <i>IEEE Communications Surveys and Tutorials</i> , <b>2017</b> , 19, 954-1001	37.1	120
869	. <i>IEEE Transactions on Wireless Communications</i> , <b>2017</b> , 16, 5825-5837	9.6	117
868	Coalition Formation Games for Distributed Cooperation Among Roadside Units in Vehicular Networks. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2011</b> , 29, 48-60	14.2	115
867	Collaborative Spectrum Sensing from Sparse Observations in Cognitive Radio Networks. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2011</b> , 29, 327-337	14.2	114
866	Interference-aware resource allocation for device-to-device communications as an underlay using sequential second price auction <b>2012</b> ,		111
865	Coalition games with cooperative transmission: a cure for the curse of boundary nodes in selfish packet-forwarding wireless networks. <i>IEEE Transactions on Communications</i> , <b>2009</b> , 57, 203-213	6.9	107
864	Caching based socially-aware D2D communications in wireless content delivery networks: a hypergraph framework. <i>IEEE Wireless Communications</i> , <b>2016</b> , 23, 74-81	13.4	103
863	Spectrum Sharing Planning for Full-Duplex UAV Relaying Systems With Underlaid D2D Communications. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2018</b> , 36, 1986-1999	14.2	101
862	Real-Time Detection of False Data Injection in Smart Grid Networks: An Adaptive CUSUM Method and Analysis. <i>IEEE Systems Journal</i> , <b>2016</b> , 10, 532-543	4.3	100
861	Low-Complexity and High-Resolution DOA Estimation for Hybrid Analog and Digital Massive MIMO Receive Array. <i>IEEE Transactions on Communications</i> , <b>2018</b> , 66, 2487-2501	6.9	100
860	V2X Meets NOMA: Non-Orthogonal Multiple Access for 5G-Enabled Vehicular Networks. <i>IEEE Wireless Communications</i> , <b>2017</b> , 24, 14-21	13.4	100

859	Matching Theory: Applications in wireless communications. <i>IEEE Signal Processing Magazine</i> , <b>2016</b> , 33, 103-122	9.4	98
858	Energy-aware resource allocation for device-to-device underlay communication <b>2013</b> ,		98
857	Demand side management to reduce Peak-to-Average Ratio using game theory in smart grid <b>2012</b> ,		96
856	Catch Me if You Can: An Abnormality Detection Approach for Collaborative Spectrum Sensing in Cognitive Radio Networks. <i>IEEE Transactions on Wireless Communications</i> , <b>2010</b> , 9, 3554-3565	9.6	95
855	Distributed Demand Side Management with Energy Storage in Smart Grid. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2015</b> , 26, 3346-3357	3.7	94
854	Joint Radio and Computational Resource Allocation in IoT Fog Computing. <i>IEEE Transactions on Vehicular Technology</i> , <b>2018</b> , 67, 7475-7484	6.8	94
853	Federated Learning for Edge Networks: Resource Optimization and Incentive Mechanism. <i>IEEE Communications Magazine</i> , <b>2020</b> , 58, 88-93	9.1	93
852	Federated Learning in Vehicular Edge Computing: A Selective Model Aggregation Approach. <i>IEEE Access</i> , <b>2020</b> , 8, 23920-23935	3.5	90
851	Resource allocation using a reverse iterative combinatorial auction for device-to-device underlay cellular networks <b>2012</b> ,		90
850	Joint Communication, Computation, Caching, and Control in Big Data Multi-Access Edge Computing. <i>IEEE Transactions on Mobile Computing</i> , <b>2020</b> , 19, 1359-1374	4.6	88
849	Mode Selection and Resource Allocation in Device-to-Device Communications: A Matching Game Approach. <i>IEEE Transactions on Mobile Computing</i> , <b>2017</b> , 16, 3126-3141	4.6	87
848	Real-Time Profiling of Fine-Grained Air Quality Index Distribution Using UAV Sensing. <i>IEEE Internet of Things Journal</i> , <b>2018</b> , 5, 186-198	10.7	87
847	A college admissions game for uplink user association in wireless small cell networks <b>2014</b> ,		86
846	Social-Aware Peer Discovery for D2D Communications Underlying Cellular Networks. <i>IEEE Transactions on Wireless Communications</i> , <b>2015</b> , 14, 2426-2439	9.6	84
845	. <i>IEEE Transactions on Vehicular Technology</i> , <b>2016</b> , 65, 9902-9914	6.8	80
844	Coalitional Games with Overlapping Coalitions for Interference Management in Small Cell Networks. <i>IEEE Transactions on Wireless Communications</i> , <b>2014</b> , 13, 2659-2669	9.6	80
843	TOSS: Traffic offloading by social network service-based opportunistic sharing in mobile social networks <b>2014</b> ,		80
842	Distributive Opportunistic Spectrum Access for Cognitive Radio using Correlated Equilibrium and No-Regret Learning <b>2007</b> ,		79

841	Wireless Device-to-Device Communications and Networks <b>2015</b> ,		79
840	Smart grid sensor data collection, communication, and networking: a tutorial. <i>Wireless Communications and Mobile Computing</i> , <b>2014</b> , 14, 1055-1087	1.9	78
839	. <i>IEEE Transactions on Wireless Communications</i> , <b>2017</b> , 16, 1205-1217	9.6	77
838	PHY-Layer Authentication With Multiple Landmarks With Reduced Overhead. <i>IEEE Transactions on Wireless Communications</i> , <b>2018</b> , 17, 1676-1687	9.6	76
837	6G Wireless Systems: A Vision, Architectural Elements, and Future Directions. <i>IEEE Access</i> , <b>2020</b> , 8, 147029-147044	9.5	74
836	Practical Hybrid Beamforming With Finite-Resolution Phase Shifters for Reconfigurable Intelligent Surface Based Multi-User Communications. <i>IEEE Transactions on Vehicular Technology</i> , <b>2020</b> , 69, 4565-4570	6.8	74
835	Collaborative Multi-Tier Caching in Heterogeneous Networks: Modeling, Analysis, and Design. <i>IEEE Transactions on Wireless Communications</i> , <b>2017</b> , 16, 6926-6939	9.6	74
834	Dynamic Popular Content Distribution in Vehicular Networks using Coalition Formation Games. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2013</b> , 31, 538-547	14.2	74
833	Computation Offloading With Data Caching Enhancement for Mobile Edge Computing. <i>IEEE Transactions on Vehicular Technology</i> , <b>2018</b> , 67, 11098-11112	6.8	74
832	Combating Full-Duplex Active Eavesdropper: A Hierarchical Game Perspective. <i>IEEE Transactions on Communications</i> , <b>2017</b> , 65, 1379-1395	6.9	71
831	Distributed Relay Selection and Power Control for Multiuser Cooperative Communication Networks Using Buyer/Seller Game <b>2007</b> ,		71
830	Distributed User Association and Femtocell Allocation in Heterogeneous Wireless Networks. <i>IEEE Transactions on Communications</i> , <b>2014</b> , 62, 3027-3043	6.9	69
829	Matching and Cheating in Device to Device Communications Underlying Cellular Networks. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2015</b> , 33, 2156-2166	14.2	67
828	Hierarchical Edge Caching in Device-to-Device Aided Mobile Networks: Modeling, Optimization, and Design. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2018</b> , 36, 1768-1785	14.2	67
827	A Survey of Optimization Approaches for Wireless Physical Layer Security. <i>IEEE Communications Surveys and Tutorials</i> , <b>2019</b> , 21, 1878-1911	37.1	67
826	Federated Learning for Internet of Things: Recent Advances, Taxonomy, and Open Challenges. <i>IEEE Communications Surveys and Tutorials</i> , <b>2021</b> , 23, 1759-1799	37.1	67
825	A Survey on Socially Aware Device-to-Device Communications. <i>IEEE Communications Surveys and Tutorials</i> , <b>2018</b> , 20, 2169-2197	37.1	66
824	Resource allocation in wireless networks with RF energy harvesting and transfer. <i>IEEE Network</i> , <b>2015</b> , 29, 68-75	11.4	66

823	. <i>IEEE Transactions on Mobile Computing</i> , <b>2010</b> , 9, 505-515	4.6	65
822	Defeating Primary User Emulation Attacks Using Belief Propagation in Cognitive Radio Networks. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2012</b> , 30, 1850-1860	14.2	64
821	. <i>IEEE Transactions on Mobile Computing</i> , <b>2011</b> , 10, 1327-1344	4.6	64
820	Eavesdropping and jamming in next-generation wireless networks: A game-theoretic approach <b>2011</b> ,		64
819	A noncooperative game for double auction-based energy trading between PHEVs and distribution grids <b>2011</b> ,		64
818	CatchIt: Detect Malicious Nodes in Collaborative Spectrum Sensing <b>2009</b> ,		63
817	Noncooperative power-control game and throughput game over wireless networks. <i>IEEE Transactions on Communications</i> , <b>2005</b> , 53, 1625-1629	6.9	63
816	Compressive Sensing for Wireless Networks <b>2013</b> ,		63
815	Full-Duplex MAC Protocol Design and Analysis. <i>IEEE Communications Letters</i> , <b>2015</b> , 19, 1185-1188	3.8	62
814	Optimal Pricing-Based Edge Computing Resource Management in Mobile Blockchain <b>2018</b> ,		61
813	Social Data Offloading in D2D-Enhanced Cellular Networks by Network Formation Games. <i>IEEE Transactions on Wireless Communications</i> , <b>2015</b> , 14, 7004-7015	9.6	60
812	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , <b>2017</b> , 53, 598-618	3.7	59
811	Joint Cloud and Wireless Networks Operations in Mobile Cloud Computing Environments With Telecom Operator Cloud. <i>IEEE Transactions on Wireless Communications</i> , <b>2015</b> , 14, 4020-4033	9.6	59
810	Contract Mechanism and Performance Analysis for Data Transaction in Mobile Social Networks. <i>IEEE Transactions on Network Science and Engineering</i> , <b>2019</b> , 6, 103-115	4.9	59
809	Mobile Charging in Wireless-Powered Sensor Networks: Optimal Scheduling and Experimental Implementation. <i>IEEE Transactions on Vehicular Technology</i> , <b>2017</b> , 66, 7400-7410	6.8	58
808	Energy-Efficient Resource Allocation for Wireless Powered Massive MIMO System With Imperfect CSI. <i>IEEE Transactions on Green Communications and Networking</i> , <b>2017</b> , 1, 121-130	4	58
807	Enhancing Information Security via Physical Layer Approaches in Heterogeneous IoT With Multiple Access Mobile Edge Computing in Smart City. <i>IEEE Access</i> , <b>2019</b> , 7, 54508-54521	3.5	58
806	Physical-Layer Security in Distributed Wireless Networks Using Matching Theory. <i>IEEE Transactions on Information Forensics and Security</i> , <b>2013</b> , 8, 717-732	8	58



805	Distributed resource allocation for device-to-device communications underlying cellular networks <b>2013</b> ,		58
804	A Multi-Leader Multi-Follower Stackelberg Game for Resource Management in LTE Unlicensed. <i>IEEE Transactions on Wireless Communications</i> , <b>2017</b> , 16, 348-361	9.6	57
803	Dynamic Spectrum Leasing and Service Selection in Spectrum Secondary Market of Cognitive Radio Networks. <i>IEEE Transactions on Wireless Communications</i> , <b>2012</b> , 11, 1136-1145	9.6	57
802	A Distributed Relay-Assignment Algorithm for Cooperative Communications in Wireless Networks <b>2006</b> ,		57
801	A Prediction-Based Charging Policy and Interference Mitigation Approach in the Wireless Powered Internet of Things. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2019</b> , 37, 439-451	14.2	57
800	Physical Layer Security Game: Interaction between Source, Eavesdropper, and Friendly Jammer. <i>Eurasip Journal on Wireless Communications and Networking</i> , <b>2010</b> , 2009,	3.2	56
799	Resource Allocation for Device-to-Device Communications Underlying Heterogeneous Cellular Networks Using Coalitional Games. <i>IEEE Transactions on Wireless Communications</i> , <b>2018</b> , 17, 4163-4176	9.6	55
798	. <i>IEEE Transactions on Vehicular Technology</i> , <b>2020</b> , 69, 1982-1993	6.8	54
797	. <i>IEEE Wireless Communications</i> , <b>2017</b> , 24, 80-85	13.4	53
796	Capsule Network Assisted IoT Traffic Classification Mechanism for Smart Cities. <i>IEEE Internet of Things Journal</i> , <b>2019</b> , 6, 7515-7525	10.7	53
795	A Bayesian Overlapping Coalition Formation Game for Device-to-Device Spectrum Sharing in Cellular Networks. <i>IEEE Transactions on Wireless Communications</i> , <b>2015</b> , 14, 4034-4051	9.6	53
794	On Identifying Primary User Emulation Attacks in Cognitive Radio Systems Using Nonparametric Bayesian Classification. <i>IEEE Transactions on Signal Processing</i> , <b>2012</b> , 60, 1432-1445	4.8	53
793	Reconfigurable Intelligent Surface Based RF Sensing: Design, Optimization, and Implementation. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2020</b> , 38, 2700-2716	14.2	53
792	Network Slicing: Recent Advances, Taxonomy, Requirements, and Open Research Challenges. <i>IEEE Access</i> , <b>2020</b> , 8, 36009-36028	3.5	52
791	Smart data pricing models for the internet of things: a bundling strategy approach. <i>IEEE Network</i> , <b>2016</b> , 30, 18-25	11.4	52
790	Asymptotic optimality for distributed spectrum sharing using bargaining solutions. <i>IEEE Transactions on Wireless Communications</i> , <b>2009</b> , 8, 5225-5237	9.6	52
789	A Survey on Applications of Model-Free Strategy Learning in Cognitive Wireless Networks. <i>IEEE Communications Surveys and Tutorials</i> , <b>2016</b> , 18, 1717-1757	37.1	52
788	. <i>IEEE Transactions on Vehicular Technology</i> , <b>2016</b> , 1-1	6.8	51



787	Self-Interest-Driven incentives for ad dissemination in autonomous mobile social networks <b>2013</b> ,		51
786	A Comprehensive Survey on Mobility-Aware D2D Communications: Principles, Practice and Challenges. <i>IEEE Communications Surveys and Tutorials</i> , <b>2020</b> , 22, 1863-1886	37.1	51
785	Energy-efficient radio resource and power allocation for device-to-device communication underlaying cellular networks <b>2012</b> ,		48
784	Radio Resource Allocation for Device-to-Device Underlay Communication Using Hypergraph Theory. <i>IEEE Transactions on Wireless Communications</i> , <b>2016</b> , 1-1	9.6	48
783	Fog computing in multi-tier data center networks: A hierarchical game approach <b>2016</b> ,		48
782	Reconfigurable Intelligent Surface (RIS) Assisted Wireless Coverage Extension: RIS Orientation and Location Optimization. <i>IEEE Communications Letters</i> , <b>2021</b> , 25, 269-273	3.8	48
781	Physical Layer Security in Wireless Ad Hoc Networks Under A Hybrid Full-/Half-Duplex Receiver Deployment Strategy. <i>IEEE Transactions on Wireless Communications</i> , <b>2017</b> , 16, 3827-3839	9.6	47
780	Design of Contract-Based Trading Mechanism for a Small-Cell Caching System. <i>IEEE Transactions on Wireless Communications</i> , <b>2017</b> , 16, 6602-6617	9.6	47
779	Dogfight in Spectrum: Combating Primary User Emulation Attacks in Cognitive Radio SystemsPart II: Unknown Channel Statistics. <i>IEEE Transactions on Wireless Communications</i> , <b>2011</b> , 10, 274-283	9.6	47
778	Reinforcement Learning for a Cellular Internet of UAVs: Protocol Design, Trajectory Control, and Resource Management. <i>IEEE Wireless Communications</i> , <b>2020</b> , 27, 116-123	13.4	46
777	QoE-Driven Channel Allocation and Handoff Management for Seamless Multimedia in Cognitive 5G Cellular Networks. <i>IEEE Transactions on Vehicular Technology</i> , <b>2017</b> , 66, 6569-6585	6.8	46
776	Offloading in HetNet: A Coordination of Interference Mitigation, User Association, and Resource Allocation. <i>IEEE Transactions on Mobile Computing</i> , <b>2017</b> , 16, 2276-2291	4.6	46
775	Achieving High Energy Efficiency and Physical-Layer Security in AF Relaying. <i>IEEE Transactions on Wireless Communications</i> , <b>2016</b> , 15, 740-752	9.6	45
774	Design and Optimization on Training Sequence for mmWave Communications: A New Approach for Sparse Channel Estimation in Massive MIMO. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2017</b> , 35, 1486-1497	14.2	45
773	A Contract Game for Direct Energy Trading in Smart Grid. <i>IEEE Transactions on Smart Grid</i> , <b>2018</b> , 9, 2873-2884	28.4	45
772	Secure wireless communications via cooperation <b>2008</b> ,		45
771	Beyond Intelligent Reflecting Surfaces: Reflective-Transmissive Metasurface Aided Communications for Full-Dimensional Coverage Extension. <i>IEEE Transactions on Vehicular Technology</i> , <b>2020</b> , 69, 13905-13909	6.8	45
770	Resource Allocation for 5G Heterogeneous Cloud Radio Access Networks With D2D Communication: A Matching and Coalition Approach. <i>IEEE Transactions on Vehicular Technology</i> , <b>2018</b> , 67, 5883-5894	6.8	44

769	Radio resource allocation for physical-layer security in D2D underlay communications <b>2014</b> ,		44
768	Physical Layer Security for Two Way Relay Communications with Friendly Jammers <b>2010</b> ,		44
767	Amplify-and-forward based cooperation for secure wireless communications <b>2009</b> ,		44
766	Joint User Pairing, Subchannel, and Power Allocation in Full-Duplex Multi-User OFDMA Networks. <i>IEEE Transactions on Wireless Communications</i> , <b>2016</b> , 15, 8260-8272	9.6	44
765	Dynamic Energy Trading for Energy Harvesting Communication Networks: A Stochastic Energy Trading Game. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2015</b> , 33, 2718-2734	14.2	43
764	Device-to-Device Communications Enabled Energy Efficient Multicast Scheduling in mmWave Small Cells. <i>IEEE Transactions on Communications</i> , <b>2018</b> , 66, 1093-1109	6.9	43
763	Market model and optimal pricing scheme of big data and Internet of Things (IoT) <b>2016</b> ,		43
762	Physical Layer Security in MIMO Backscatter Wireless Systems. <i>IEEE Transactions on Wireless Communications</i> , <b>2016</b> , 15, 7547-7560	9.6	43
761	Network Association Strategies for an Energy Harvesting Aided Super-WiFi Network Relying on Measured Solar Activity. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2016</b> , 34, 3785-3797	14.2	43
760	Cooperation Techniques for a Cellular Internet of Unmanned Aerial Vehicles. <i>IEEE Wireless Communications</i> , <b>2019</b> , 26, 167-173	13.4	43
759	Incentive Mechanism Design for Integrated Microgrids in Peak Ramp Minimization Problem. <i>IEEE Transactions on Smart Grid</i> , <b>2018</b> , 9, 5774-5785	10.7	42
758	Game theoretic modeling of cooperation among service providers in mobile cloud computing environments <b>2012</b> ,		42
757	Energy Efficient D2D Communications: A Perspective of Mechanism Design. <i>IEEE Transactions on Wireless Communications</i> , <b>2016</b> , 15, 7272-7285	9.6	41
756	Secure Green Communication via Untrusted Two-Way Relaying: A Physical Layer Approach. <i>IEEE Transactions on Communications</i> , <b>2016</b> , 64, 1861-1874	6.9	41
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206	Fairness-Throughput Tradeoff in Full-Duplex WiFi Networks <b>2016</b> ,		3
205	Transmit optimization for secure MIMO RFID wireless communication <b>2016</b> ,		3
204	Cooperative WiFi management: Nash bargaining solution and implementation <b>2016</b> ,		3
203	Multi-Agent Reinforcement Learning Enabling Dynamic Pricing Policy for Charging Station Operators <b>2019</b> ,		3
202	Content Caching Policy for 5G Network Based on Asynchronous Advantage Actor-Critic Method <b>2019</b> ,		3
201	Deep Reinforcement Learning MAC for Backscatter Communications Relying on Wi-Fi Architecture <b>2019</b> ,		3
200	Hierarchical Game for Electric Vehicle Public Charging Market <b>2019</b> ,		3
199	Catching All Pok�mon: Virtual Reward Optimization With Tensor Voting Based Trajectory Privacy. <i>IEEE Transactions on Vehicular Technology</i> , <b>2019</b> , 68, 883-892	6.8	3
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184	Optimal decentralized security software deployment in multihop wireless networks <b>2014</b> ,		2
183	Sub-array based hybrid precoding design for downlink millimeter-wave multi-user massive MIMO systems <b>2017</b> ,		2
182	A Low Complexity Matching Game Approach for LTE-Unlicensed <b>2017</b> ,		2
181	Moral Hazard Based Incentive Mechanism for Cooperative Caching in Multi-Hop Communications <b>2017</b> ,		2
180	Dynamic Resource Matching for Socially Cooperative Caching in IoT Networking <b>2017</b> ,		2
179	Power allocation with stackelberg game in femtocell networks: A self-learning approach <b>2014</b> ,		2
178	Online quickest multiarmed bandit algorithm for distributive renewable energy resources <b>2012</b> ,		2
177	Hyperspectral image classification based on Dirichlet Process mixture models <b>2013</b> ,		2
176	On the impact of network-state knowledge on the Feasibility of secrecy <b>2013</b> ,		2

175	Power allocation for two-way relay system based on sequential second price auction <b>2011,</b>		2
174	Throughput maximization using adaptive modulation in wireless networks with fairness constraint <b>2003,</b>		2
173	Simultaneous estimation of kinetic parameters and the input function from DCE-MRI data: theory and simulation <b>2004,</b>		2
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169	Joint Task Assignment and Trajectory Optimization for a Mobile Robot Swarm by Mean-Field Game <b>2020,</b>		2
168	Content Caching Policy Based on GAN and Distributional Reinforcement Learning <b>2020,</b>		2
167	Efficient Resource Allocation for NOMA-MEC System in Ultra-Dense Network: A Mean Field Game Approach <b>2020,</b>		2
166	Deep Reinforcement Learning Based Strategy for Quadrotor UAV Pursuer and Evader Problem <b>2020,</b>		2
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152	Training Sequence Design and Optimization for Structured Compressive Sensing Based Channel Estimation in Massive MIMO Systems <b>2016</b> ,		2
151	Dynamic Cache Placement, Node Association, and Power Allocation in Fog Aided Networks <b>2019</b> ,		2
150	Noncoherent MIMO Codes Construction Using Autoencoders <b>2019</b> ,		2
149	Virtual Resource Allocation for Mobile Edge Computing: A Hypergraph Matching Approach <b>2019</b> ,		2
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116	Secure Energy Efficient Resource Allocation for OFDM Full-Duplex Relay Cooperative Networks <b>2018</b> ,		1
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101	Maximum-likelihood decoding in decode-and-forward based MIMO cooperative communication systems <b>2011</b> ,		1
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84	Optimal Frequency and Rate Selection Using Unimodal Objective Based Thompson Sampling Algorithm <b>2020</b> ,		1
83	A User Association Policy for UAV-aided Time-varying Vehicular Networks with MEC <b>2020</b> ,		1
82	Training Sequence Based Doppler Shift Estimation for Vehicular Communication <b>2020</b> ,		1
81	A Contract-Theoretic Cyber Insurance for Withdraw Delay in the Blockchain Networks with Shards <b>2020</b> ,		1
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74	Distributed Downloading Strategy for Multi-Source Data Fusion in Edge-Enabled Vehicular Network : (Invited Paper) <b>2019</b> ,		1
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