Sang-Sun Yoo

List of Publications by Year
in descending order

236 papers	10,637 citations	71102 41 h-index	36028 97 g-index
237 all docs	237 docs citations	237 times ranked	8532 citing authors

#	Article	IF	Citations
1	Stochastic Coded Offloading Scheme for Unmanned-Aerial-Vehicle-Assisted Edge Computing. IEEE Internet of Things Journal, 2023, 10, 5626-5643.	8.7	4
2	Drone-Based Sensor Information Gathering System With Beam-Rotation Forward-Scattering Communications and Wireless Power Transfer. IEEE Internet of Things Journal, 2022, 9, 11227-11247.	8.7	1
3	Applications of Auction and Mechanism Design in Edge Computing: A Survey. IEEE Transactions on Cognitive Communications and Networking, 2022, 8, 1034-1058.	7.9	27
4	Dynamics in Coded Edge Computing for IoT: A Fractional Evolutionary Game Approach. IEEE Internet of Things Journal, 2022, 9, 13978-13994.	8.7	3
5	Learning to Schedule Joint Radar-Communication With Deep Multi-Agent Reinforcement Learning. IEEE Transactions on Vehicular Technology, 2022, 71, 406-422.	6.3	11
6	Unified Simultaneous Wireless Information and Power Transfer for IoT: Signaling and Architecture With Deep Learning Adaptive Control. IEEE Internet of Things Journal, 2022, 9, 17551-17567.	8.7	2
7	A Wideband Multilevel Reconfigurable Class E/F$_{23}$ Power Amplifier With a Band-Selecting Tracking Reactance Compensation Automatic Calibration Algorithm. IEEE Access, 2022, 10, 54214-54220.	4.2	1
8	Reconfigurable-Intelligent-Surface-Aided Wireless Power Transfer Systems: Analysis and Implementation. IEEE Internet of Things Journal, 2022, 9, 21338-21356.	8.7	13
9	Intelligence Reflecting Surface-Aided Integrated Data and Energy Networking Coexisting D2D Communications. IEEE Transactions on Wireless Communications, 2022, 21, 10035-10049.	9.2	3
10	Toward an Automated Auction Framework for Wireless Federated Learning Services Market. IEEE Transactions on Mobile Computing, 2021, 20, 3034-3048.	5.8	104
11	Dynamic Model for Network Selection in Next Generation HetNets With Memory-Affecting Rational Users. IEEE Transactions on Mobile Computing, 2021, 20, 1365-1379.	5.8	5
12	A 15-W Quadruple-Mode Reconfigurable Bidirectional Wireless Power Transceiver With 95% System Efficiency for Wireless Charging Applications. IEEE Transactions on Power Electronics, 2021, 36, 3814-3827.	7.9	9
13	A Design of 44.1 fJ/Conv-Step 12-Bit 80 ms/s Time Interleaved Hybrid Type SAR ADC With Redundancy Capacitor and On-Chip Time-Skew Calibration. IEEE Access, 2021, 9, 133143-133155.	4.2	6
14	A Design of Adaptive Control and Communication Protocol for SWIPT System in 180 nm CMOS Process for Sensor Applications. Sensors, 2021, 21, 848.	3.8	2
15	Adaptive Task Offloading in Coded Edge Computing: A Deep Reinforcement Learning Approach. IEEE Communications Letters, 2021, 25, 3878-3882.	4.1	4
16	A Hierarchical Game Model for OFDM Integrated Radar and Communication Systems. IEEE Transactions on Vehicular Technology, 2021, 70, 5077-5082.	6.3	13
17	Dynamic Network Service Selection in IRS-Assisted Wireless Networks: A Game Theory Approach. IEEE Transactions on Vehicular Technology, 2021, 70, 5160-5165.	6.3	13
18	On-Off Arbitrary Beam Synthesis and Non-Interactive Beam Management for Phased Antenna Array Communications. IEEE Transactions on Vehicular Technology, 2021, 70, 5959-5973.	6.3	3

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19	A 2.4 GHz Power Receiver Embedded With a Low-Power Transmitter and PCE of 53.8%, for Wireless Charging of IoT/Wearable Devices. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 4315-4325.	4.6	6
20	A High-Efficient Wireless Power Receiver for Hybrid Energy-Harvesting Sources. IEEE Transactions on Power Electronics, 2021, 36, 11148-11162.	7.9	19
21	Design of High Performance Hybrid Type Digital-Feedback Low Drop-Out Regulator Using SSCG Technique. IEEE Access, 2021, 9, 28167-28176.	4.2	5
22	Optimum Layout of Low Power LC-Based Digitally Controlled Oscillator for Bluetooth Low Energy in a 4G/5G LTE System. Applied Sciences (Switzerland), 2021, 11, 1059.	2.5	1
23	Analysis and Experiment on Multi-Antenna-to-Multi-Antenna RF Wireless Power Transfer. IEEE Access, 2021, 9, 2018-2031.	4.2	11
24	Dynamic Edge Association and Resource Allocation in Self-Organizing Hierarchical Federated Learning Networks. IEEE Journal on Selected Areas in Communications, 2021, 39, 3640-3653.	14.0	70
25	An Ultra-Low-Power 2.4 GHz All-Digital Phase-Locked Loop With Injection-Locked Frequency Multiplier and Continuous Frequency Tracking. IEEE Access, 2021, 9, 152984-152992.	4.2	2
26	Multi-Device Charging RIS-Aided Wireless Power Transfer Systems. , 2021, , .		3
27	Latency Minimization in Covert Communication-Enabled Federated Learning Network. IEEE Transactions on Vehicular Technology, 2021, 70, 13447-13452.	6.3	14
28	Traffic-Aware Backscatter Communications in Wireless-Powered Heterogeneous Networks. IEEE Transactions on Mobile Computing, 2020, 19, 1731-1744.	5.8	9
29	Mechanism Design for Wireless Powered Spatial Crowdsourcing Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 920-934.	6.3	9
30	A Highly Accurate, Polynomial-Based Digital Temperature Compensation for Piezoresistive Pressure Sensor in 180 nm CMOS Technology. Sensors, 2020, 20, 5256.	3.8	9
31	A Design of Low-Power 10-bit 1-MS/s Asynchronous SAR ADC for DSRC Application. Electronics (Switzerland), 2020, 9, 1100.	3.1	14
32	A 2.45 GHz High Efficiency CMOS RF Energy Harvester with Adaptive Path Control. Electronics (Switzerland), 2020, 9, 1107.	3.1	9
33	Memory-affecting Network Selection in Next Generation HetNets. , 2020, , .		0
34	A Highly Reliable, 5.8 GHz DSRC Wake-Up Receiver with an Intelligent Digital Controller for an ETC System. Sensors, 2020, 20, 4012.	3.8	5
35	Beam Avoidance for Human Safety in Radiative Wireless Power Transfer. IEEE Access, 2020, 8, 217510-217525.	4.2	8
36	Deep RNN-Based Channel Tracking for Wireless Energy Transfer System. IEEE Systems Journal, 2020, 14, 4340-4343.	4.6	12

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37	A High-Efficiency and Wide-Input Range RF Energy Harvester Using Multiple Rectenna and Adaptive Matching. Energies, 2020, 13, 1023.	3.1	4
38	Cooperative AF-based 3D Mobile UAV Relaying for Hybrid Satellite-Terrestrial Networks. , 2020, , .		6
39	Demo: Demonstration of Reconfigurable Metasurface for Wireless Communications. , 2020, , .		4
40	Intelligent Reflecting Surface-aided Phase-Shift Backscatter Communication. , 2020, , .		26
41	Coverage Probability of 3-D Mobile UAV Networks. IEEE Wireless Communications Letters, 2019, 8, 97-100.	5.0	44
42	Joint Tx Power Allocation and Rx Power Splitting for SWIPT System With Multiple Nonlinear Energy Harvesting Circuits. IEEE Wireless Communications Letters, 2019, 8, 53-56.	5.0	42
43	Incentivizing Consensus Propagation in Proof-of-Stake Based Consortium Blockchain Networks. IEEE Wireless Communications Letters, 2019, 8, 157-160.	5.0	78
44	Joint Traffic Routing and Virtualized Security Function Activation in Wireless Multihop Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 9205-9219.	6.3	5
45	Evolutionary Game for Consensus Provision in Permissionless Blockchain Networks with Shards. , 2019, , .		7
46	Efficient Training Management for Mobile Crowd-Machine Learning: A Deep Reinforcement Learning Approach. IEEE Wireless Communications Letters, 2019, 8, 1345-1348.	5.0	81
47	Battery-Less Location Tracking for Internet of Things: Simultaneous Wireless Power Transfer and Positioning. IEEE Internet of Things Journal, 2019, 6, 9147-9164.	8.7	24
48	Incentivizing Secure Block Verification by Contract Theory in Blockchain-Enabled Vehicular Networks. , 2019, , .		3
49	Design of a 900 MHz Dual-Mode SWIPT for Low-Power IoT Devices. Sensors, 2019, 19, 4676.	3.8	11
50	Joint Service Pricing and Cooperative Relay Communication for Federated Learning. , 2019, , .		65
51	Resource Allocation for Wireless-Powered Full-Duplex Relaying Systems With Nonlinear Energy Harvesting Efficiency. IEEE Transactions on Vehicular Technology, 2019, 68, 12079-12093.	6.3	26
52	Guest Editorial Wireless Transmission of Information and Power—Part II. IEEE Journal on Selected Areas in Communications, 2019, 37, 249-252.	14.0	2
53	Joint Transaction Transmission and Channel Selection in Cognitive Radio Based Blockchain Networks: A Deep Reinforcement Learning Approach. , 2019, , .		19
54	A Survey on Blockchain: A Game Theoretical Perspective. IEEE Access, 2019, 7, 47615-47643.	4.2	112

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55	Distributed Deep Learning at the Edge: A Novel Proactive and Cooperative Caching Framework for Mobile Edge Networks. IEEE Wireless Communications Letters, 2019, 8, 1220-1223.	5.0	50
56	Random 3D Mobile UAV Networks: Mobility Modeling and Coverage Probability. IEEE Transactions on Wireless Communications, 2019, 18, 2527-2538.	9.2	84
57	A Survey on Consensus Mechanisms and Mining Strategy Management in Blockchain Networks. IEEE Access, 2019, 7, 22328-22370.	4.2	616
58	Signal Detection for Ambient Backscatter Communication with OFDM Carriers. Sensors, 2019, 19, 517.	3.8	10
59	A Novel Coding Metasurface for Wireless Power Transfer Applications. Energies, 2019, 12, 4488.	3.1	31
60	Mixed-Time Scale Based Adaptive Mode Switching for Dual Mode SWIPT. , 2019, , .		0
61	Task Allocation and Mobile Base Station Deployment in Wireless Powered Spatial Crowdsourcing. , 2019, , .		0
62	Reconfigurable Heterogeneous Energy Harvester with Adaptive Mode Switching. , 2019, , .		2
63	Guest Editorial Wireless Transmission of Information and Powerâ€"Part I. IEEE Journal on Selected Areas in Communications, 2019, 37, 1-3.	14.0	8
64	A -20 to 30 dBm Input Power Range Wireless Power System With a MPPT-Based Reconfigurable 48% Efficient RF Energy Harvester and 82% Efficient A4WP Wireless Power Receiver With Open-Loop Delay Compensation. IEEE Transactions on Power Electronics, 2019, 34, 6803-6817.	7.9	34
65	Fundamentals of Wireless Information and Power Transfer: From RF Energy Harvester Models to Signal and System Designs. IEEE Journal on Selected Areas in Communications, 2019, 37, 4-33.	14.0	452
66	Game-Theoretic Modeling of Backscatter Wireless Sensor Networks Under Smart Interference. IEEE Communications Letters, 2018, 22, 804-807.	4.1	6
67	A 3.9 mW Bluetooth Low-Energy Transmitter Using All-Digital PLL-Based Direct FSK Modulation in 55 nm CMOS. IEEE Transactions on Circuits and Systems I: Regular Papers, 2018, 65, 3037-3048.	5.4	17
68	Theory and Experiment for Wireless-Powered Sensor Networks: How to Keep Sensors Alive. IEEE Transactions on Wireless Communications, 2018, 17, 430-444.	9.2	50
69	Joint Optimal Mode Switching and Power Adaptation for Nonlinear Energy Harvesting SWIPT System Over Fading Channel. IEEE Transactions on Communications, 2018, 66, 1817-1832.	7.8	11
70	A 0.33â€"1 GHz Open-Loop Duty Cycle Corrector With Digital Falling Edge Modulator. IEEE Transactions on Circuits and Systems II: Express Briefs, 2018, 65, 1949-1953.	3.0	7
71	260-<inline-formula> <tex-math notation="LaTeX">μ </tex-math> </inline-formula>W DCO With Constant Current Over PVT Variations Using FLL and Adjustable LDO. IEEE Transactions on Circuits and Systems II: Express Briefs, 2018, 65, 739-743.	3.0	8
72	A Highly Linear, AEC-Q100 Compliant Signal Conditioning IC for Automotive Piezo-Resistive Pressure Sensors. IEEE Transactions on Industrial Electronics, 2018, 65, 7363-7373.	7.9	6

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73	Wireless-Powered Device-to-Device Communications With Ambient Backscattering: Performance Modeling and Analysis. IEEE Transactions on Wireless Communications, 2018, 17, 1528-1544.	9.2	102
74	A 39.5-dB SNR, 300-Hz Frame-Rate, 56 Ã— 70-Channel Read-Out IC for Electromagnetic Resonance Touch Panels. IEEE Transactions on Industrial Electronics, 2018, 65, 5001-5011.	7.9	1
75	Wireless Information and Power Transfer: Rate-Energy Tradeoff for Nonlinear Energy Harvesting. IEEE Transactions on Wireless Communications, 2018, 17, 1966-1981.	9.2	65
76	Distributed Wireless Power Transfer System for Internet of Things Devices. IEEE Internet of Things Journal, 2018, 5, 2657-2671.	8.7	96
77	Optimal Time Scheduling for Wireless-Powered Backscatter Communication Networks. IEEE Wireless Communications Letters, 2018, 7, 820-823.	5.0	38
78	A Design of Fast-Settling, Low-Power 4.19-MHz Real-Time Clock Generator With Temperature Compensation and 15-dB Noise Reduction. IEEE Transactions on Very Large Scale Integration (VLSI) Systems, 2018, 26, 1151-1158.	3.1	9
79	Joint Information and Power Transfer in SWIPT-Enabled CRFID Networks. IEEE Wireless Communications Letters, 2018, 7, 186-189.	5.0	6
80	A Triple-Mode Wireless Power-Receiving Unit With 85.5% System Efficiency for A4WP, WPC, and PMA Applications. IEEE Transactions on Power Electronics, 2018, 33, 3141-3156.	7.9	25
81	Traffic-Aware Optimal Spectral Access in Wireless Powered Cognitive Radio Networks. IEEE Transactions on Mobile Computing, 2018, 17, 733-745.	5.8	14
82	Competitive Data Trading in Wireless-Powered Internet of Things (IoT) Crowdsensing Systems with Blockchain. , 2018, , .		12
83	A 5.2 GHz RF Energy Harvester System Using Reconfigurable Parallel Rectenna. , 2018, , .		4
84	Mitigation of Phase Cancellation for Efficient Decoding and RF Energy Harvesting in Tag-to-Tag Communications. IEEE Access, 2018, 6, 73724-73732.	4.2	2
85	Sparse-Coded Ambient Backscatter Communication for Massive OFDM-Induced IoT Networks. , 2018, , .		1
86	Toward a Perpetual IoT System: Wireless Power Management Policy With Threshold Structure. IEEE Internet of Things Journal, 2018, 5, 5254-5270.	8.7	9
87	Ambient Backscatter Communications: A Contemporary Survey. IEEE Communications Surveys and Tutorials, 2018, 20, 2889-2922.	39.4	523
88	Experiment, Modeling, and Analysis of Wireless-Powered Sensor Network for Energy Neutral Power Management. IEEE Systems Journal, 2018, 12, 3381-3392.	4.6	17
89	Stackelberg Game for Distributed Time Scheduling in RF-Powered Backscatter Cognitive Radio Networks. IEEE Transactions on Wireless Communications, 2018, 17, 5606-5622.	9.2	56
90	Downlink Power Allocation for CoMP-NOMA in Multi-Cell Networks. IEEE Transactions on Communications, 2018, 66, 3982-3998.	7.8	148

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91	New Reconfigurable Nonlinear Energy Harvester: Boosting Rate-Energy Tradeoff. , 2018, , .		5
92	Dual Mode SWIPT: Waveform Design and Transceiver Architecture with Adaptive Mode Switching Policy. , 2018, , .		9
93	Optimal Spectrum Sensing Policy in RF-Powered Cognitive Radio Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 9557-9570.	6.3	11
94	An Inductive 2-D Position Detection IC With 99.8% Accuracy for Automotive EMR Gear Control System. IEEE Transactions on Very Large Scale Integration (VLSI) Systems, 2017, 25, 1731-1741.	3.1	2
95	Compressed Sensing for Wireless Communications: Useful Tips and Tricks. IEEE Communications Surveys and Tutorials, 2017, 19, 1527-1550.	39.4	246
96	Practical Perspectives on IoT in 5G Networks: From Theory to Industrial Challenges and Business Opportunities. , 2017, 55, 68-69.		18
97	A frame-based EM-simulation for design ofLCoscillator with MoM capacitor banks. International Journal of RF and Microwave Computer-Aided Engineering, 2017, 27, e21112.	1.2	1
98	Experiment and Modeling of Wireless-Powered Sensor Network. , 2017, , .		2
99	Energy-Arrival-Aware Detection Threshold in Wireless-Powered Cognitive Radio Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 9201-9213.	6.3	20
100	Non-Orthogonal Multiple Access (NOMA) for Downlink Multiuser MIMO Systems: User Clustering, Beamforming, and Power Allocation. IEEE Access, 2017, 5, 565-577.	4.2	263
101	Received Power-Based Channel Estimation for Energy Beamforming in Multiple-Antenna RF Energy Transfer System. IEEE Transactions on Signal Processing, 2017, 65, 1461-1476.	5.3	42
102	Fast Adaptation of Activity Sensing Policies in Mobile Devices. IEEE Transactions on Vehicular Technology, 2017, 66, 5995-6008.	6.3	3
103	Joint EH Time Allocation and Distributed Beamforming in Interference-Limited Two-Way Networks With EH-Based Relays. IEEE Transactions on Wireless Communications, 2017, 16, 6395-6408.	9.2	17
104	Hybrid Backscatter Communication for Wireless-Powered Heterogeneous Networks. IEEE Transactions on Wireless Communications, 2017, 16, 6557-6570.	9.2	124
105	Mode Switching for SWIPT Over Fading Channel With Nonlinear Energy Harvesting. IEEE Wireless Communications Letters, 2017, 6, 678-681.	5.0	21
106	Coverage probability of distributed wireless power transfer system. , 2017, , .		7
107	Traffic-pattern aware opportunistic wireless energy harvesting in cognitive radio networks. , 2017, , .		2
108	Simultaneously charging multiple sensor nodes in multi-antenna wireless-powered sensor networks. , 2017, , .		2

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109	Coupling-Shielded Inductor for High Isolation Between PA and <italic>LC</italic>-Based DCO. IEEE Electron Device Letters, 2017, 38, 24-27.	3.9	5
110	Self-Energy Recycling for RF Powered Multi-Antenna Relay Channels. IEEE Transactions on Wireless Communications, 2017, 16, 812-824.	9.2	30
111	Wireless-Powered Sensor Networks: How to Realize. IEEE Transactions on Wireless Communications, 2017, 16, 221-234.	9.2	87
112	Optimal Wireless Energy Charging for Incentivized Content Transfer in Mobile Publishâ€"Subscribe Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 3420-3434.	6.3	6
113	Optimum MCS for high-throughput long-range ambient backscatter communication networks. , 2017, , .		1
114	Wireless Information and Power Transfer: Spectral Efficiency Optimization for Asymmetric Full-Duplex Relay Systems. , 2017, , .		3
115	Overlay RF-powered backscatter cognitive radio networks: A game theoretic approach. , 2017, , .		35
116	A Joint Scheduling and Content Caching Scheme for Energy Harvesting Access Points with Multicast. , 2017, , .		1
117	Optimal time sharing in RF-powered backscatter cognitive radio networks. , 2017, , .		43
118	Uplink Vs. Downlink NOMA in Cellular Networks: Challenges and Research Directions. , 2017, , .		66
119	Applicability of Compressive Sensing for Wireless Energy Harvesting Nodes. Energies, 2017, 10, 1776.	3.1	0
120	Performance analysis of dualâ€hop variableâ€gain relaying with beamforming over Î· â€" Î¼ fading channels. IET Communications, 2017, 11, 1587-1593.	2.2	4
121	Design of 0.68-mW LC-based Digitally Controlled Oscillator (DCO) for Bluetooth Low Energy (BLE) Transceiver. Journal of Semiconductor Technology and Science, 2017, 17, 611-620.	0.4	4
122	The Tradeoff Analysis in RF-Powered Backscatter Cognitive Radio Networks. , 2016, , .		26
123	Opportunistic Energy Scheduling in Wireless Powered Sensor Networks. , 2016, , .		1
124	Energy outage and achievable throughput in RF energy harvesting cognitive radio networks. , 2016, , .		1
125	Wireless Information and Power Transfer: Rate-Energy Tradeoff for Equi-Probable Arbitrary-Shaped Discrete Inputs. IEEE Transactions on Wireless Communications, 2016, 15, 4393-4407.	9.2	22
126	Traffic and energy-aware access in wireless powered cognitive radio networks. , 2016, , .		0

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127	Joint admission control and content caching policy for energy harvesting access points. , 2016, , .		11
128	A novel caching mechanism for Internet of Things (IoT) sensing service with energy harvesting. , 2016, , .		50
129	Distributed wireless energy scheduling for wireless powered sensor networks. , 2016, , .		10
130	Market model and optimal pricing scheme of big data and Internet of Things (IoT). , 2016, , .		68
131	New SWIPT Using PAPR: How It Works. IEEE Wireless Communications Letters, 2016, 5, 672-675.	5.0	62
132	Time-switching based in-band full duplex wireless powered two-way relay. , 2016, , .		13
133	Energy signal design and decoding procedure for full-duplex two-way wireless powered relay. , 2016, , .		4
134	DEARER: A Distance-and-Energy-Aware Routing With Energy Reservation for Energy Harvesting Wireless Sensor Networks. IEEE Journal on Selected Areas in Communications, 2016, 34, 3798-3813.	14.0	46
135	Secure beamforming for max-min SINR in multi-cell SWIPT systems. , 2016, , .		0
136	Hybrid backscatter communication for wireless powered communication networks. , 2016, , .		6
137	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.	39.4	248
138	Path-Following Algorithms for Beamforming and Signal Splitting in RF Energy Harvesting Networks. IEEE Communications Letters, 2016, 20, 1687-1690.	4.1	16
139	A design of inductive coupling wireless power receiver with high efficiency Active Rectifier and multi feedback LDO regulator. , 2016, , .		1
140	Distributed Beamforming in Two-Way Relay Networks With Interference and Imperfect CSI. IEEE Transactions on Wireless Communications, 2016, 15, 4455-4469.	9.2	18
141	Channel-Access-Aware User Association With Interference Coordination in Two-Tier Downlink Cellular Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 5579-5594.	6.3	22
142	A low phase noise 30-GHz frequency synthesizer with linear transconductance VCO and dual-injection-locked frequency divider. Analog Integrated Circuits and Signal Processing, 2016, 86, 365-376.	1.4	4
143	Wireless Charging Technologies: Fundamentals, Standards, and Network Applications. IEEE Communications Surveys and Tutorials, 2016, 18, 1413-1452.	39.4	745
144	Throughput Maximization for Multiuser MIMO Wireless Powered Communication Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 5743-5748.	6.3	56

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145	Stochastic Optimal Control for Wireless Powered Communication Networks. IEEE Transactions on Wireless Communications, 2016, 15, 686-698.	9.2	50
146	Optimal Energy Management Policy of Mobile Energy Gateway. IEEE Transactions on Vehicular Technology, 2016, 65, 3685-3699.	6.3	168
147	Multi-Cell Structure Backscatter Based Wireless-Powered Communication Network (WPCN). IEICE Transactions on Communications, 2016, E99.B, 1687-1696.	0.7	6
148	A 12 bit 750 kS/s 0.13 mW Dual-sampling SAR ADC. Journal of Semiconductor Technology and Science, 2016, 16, 760-770.	0.4	3
149	Optimal Service Auction for Wireless Powered Internet of Things (IoT) Device. , 2015, , .		6
150	Performance tradeoff in two-zone based wireless powered communication networks. , 2015, , .		0
151	Tier-Aware Resource Allocation in OFDMA Macrocell-Small Cell Networks. IEEE Transactions on Communications, 2015, 63, 695-710.	7.8	78
152	Backscatter radio communication for wireless powered communication networks. , 2015, , .		38
153	Reviewer Appreciation. IEEE Wireless Communications Letters, 2015, 4, 1-1.	5.0	7
154	User's deception mechanisms against jammers in wireless energy harvesting networks. , 2015, , .		0
155	Relay selection in multiple clustered relay networks. , 2015, , .		1
156	Finding the best friend in mobile social energy networks. , 2015, , .		9
157	Distributed Random Access Scheme for Collision Avoidance in Cellular Device-to-Device Communication. IEEE Transactions on Wireless Communications, 2015, 14, 3571-3585.	9.2	26
158	Interference-Aware Clustering Algorithms in Multi-relay Cellular Networks. , 2015, , .		2
159	UE Relaying Cooperation Over D2D Uplink in Heterogeneous Cellular Networks. IEEE Transactions on Communications, 2015, 63, 4784-4796.	7.8	12
160	Noncoherent Relaying in Energy Harvesting Communication Systems. IEEE Transactions on Wireless Communications, 2015, 14, 6940-6954.	9.2	36
161	Applications of Repeated Games in Wireless Networks: A Survey. IEEE Communications Surveys and Tutorials, 2015, 17, 2102-2135.	39.4	45
162	Competitive cell association and antenna allocation in 5G massive MIMO networks. , 2015, , .		10

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163	Performance analysis of delay-constrained wireless energy harvesting communication networks under jamming attacks. , 2015, , .		5
164	Performance Analysis of Wireless Energy Harvesting Cognitive Radio Networks Under Smart Jamming Attacks. IEEE Transactions on Cognitive Communications and Networking, 2015, 1, 200-216.	7.9	33
165	The Two-User Gaussian Interference Channel With Energy Harvesting Transmitters: Energy Cooperation and Achievable Rate Region. IEEE Transactions on Communications, 2015, 63, 4551-4564.	7.8	11
166	Wireless Networks With RF Energy Harvesting: A Contemporary Survey. IEEE Communications Surveys and Tutorials, 2015, 17, 757-789.	39.4	2,022
167	Optimal energy management policy of a mobile cloudlet with wireless energy charging. , 2014, , .		6
168	Performance analysis of cognitive radio networks with opportunistic RF energy harvesting. , 2014, , .		6
169	Cache-induced hybrid CoMP in wireless video streaming networks. , 2014, , .		0
170	Optimal wireless energy charging policy for a mobile node in Smart Grid environment. , 2014, , .		0
171	Wireless energy harvesting communications: Beamforming and stochastic optimization. , 2014, , .		2
172	Optimal decentralized control policy for wireless communication systems with wireless energy transfer capability. , 2014, , .		9
173	Cooperative bidding of data transmission and wireless energy transfer. , 2014, , .		3
174	Resource allocation based on clustering for D2D communications in underlaying cellular networks. , 2014, , .		6
175	Clustering and Resource Allocation for Dense Femtocells in a Two-Tier Cellular OFDMA Network. IEEE Transactions on Wireless Communications, 2014, 13, 1628-1641.	9.2	150
176	Resource Allocation Under Channel Uncertainties for Relay-Aided Device-to-Device Communication Underlaying LTE-A Cellular Networks. IEEE Transactions on Wireless Communications, 2014, 13, 2322-2338.	9.2	131
177	Performance Modeling and Analysis of Heterogeneous Machine Type Communications. IEEE Transactions on Wireless Communications, 2014, 13, 2836-2849.	9.2	63
178	Finite Feedback MIMO Precoding for the Two-Way Amplify-and-Forward Relay Network. IEEE Communications Letters, 2014, 18, 620-623.	4.1	5
179	Admission control policy for wireless networks with RF energy transfer. , 2014, , .		7
180	Performance Analysis and Optimization of TDMA Network With Wireless Energy Transfer. IEEE Transactions on Wireless Communications, 2014, 13, 4205-4219.	9.2	23

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181	Joint Design of Optimal Cooperative Jamming and Power Allocation for Linear Precoding. IEEE Transactions on Communications, 2014, 62, 3285-3298.	7.8	27
182	Channel selection in cognitive radio networks with opportunistic RF energy harvesting. , 2014, , .		18
183	Optimal Service Auction for Wireless Powered Internet of Things (IoT) Device. , 2014, , .		1
184	Hierarchical Competition for Downlink Power Allocation in OFDMA Femtocell Networks. IEEE Transactions on Wireless Communications, 2013, 12, 1543-1553.	9.2	93
185	Stackelberg game for spectrum reuse in the two-tier LTE femtocell network. , 2013, , .		10
186	HetNets with cognitive small cells: user offloading and distributed channel access techniques. , 2013, 51, 28-36.		135
187	Dynamic Coalition Formation for Network MIMO in Small Cell Networks. IEEE Transactions on Wireless Communications, 2013, 12, 5360-5372.	9.2	38
188	Flexible Proportional-Rate Scheduling for OFDMA System. IEEE Transactions on Mobile Computing, 2013, 12, 1907-1919.	5.8	6
189	Likelihood-Based Modulation Classification for Multiple-Antenna Receiver. IEEE Transactions on Communications, 2013, 61, 3816-3829.	7.8	38
190	Partial Stream Relaying in MIMO Relay Communications. IEEE Transactions on Vehicular Technology, 2013, 62, 205-218.	6.3	11
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192	Power-Constrained Optimal Cooperative Jamming for Multiuser Broadcast Channel. IEEE Wireless Communications Letters, 2013, 2, 411-414.	5.0	13
193	Optimal Cooperative Jamming for Multiuser Broadcast Channel with Multiple Eavesdroppers. IEEE Transactions on Wireless Communications, 2013, 12, 2840-2852.	9.2	70
194	Access control via coalitional power game. , 2012, , .		13
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