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	Wireless Networks With RF Energy Harvesting: A Contemporary Survey. IEEE Communications Surveys and Tutorials, 2015, 17, 757-789.	39.4	2,022
2	Wireless Charging Technologies: Fundamentals, Standards, and Network Applications. IEEE Communications Surveys and Tutorials, 2016, 18, 1413-1452.	39.4	745
3	A Survey on Consensus Mechanisms and Mining Strategy Management in Blockchain Networks. IEEE Access, 2019, 7, 22328-22370.	4.2	616
4	Ambient Backscatter Communications: A Contemporary Survey. IEEE Communications Surveys and Tutorials, 2018, 20, 2889-2922.	39.4	523
5	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
6	Interference management in OFDMA femtocell networks: issues and approaches. IEEE Wireless Communications, 2012, 19, 86-95.	9.0	338
7	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
8	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
9	Compressed Sensing for Wireless Communications: Useful Tips and Tricks. IEEE Communications Surveys and Tutorials, 2017, 19, 1527-1550.	39.4	246
10	Joint rate and power allocation for cognitive radios in dynamic spectrum access environment. IEEE Transactions on Wireless Communications, 2008, 7, 5517-5527.	9.2	231
11	Game Theoretic Approaches for Multiple Access in Wireless Networks: A Survey. IEEE Communications Surveys and Tutorials, 2011, 13, 372-395.	39.4	200
12	Optimal Energy Management Policy of Mobile Energy Gateway. IEEE Transactions on Vehicular Technology, 2016, 65, 3685-3699.	6.3	168
13	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
14	Downlink Power Allocation for CoMP-NOMA in Multi-Cell Networks. IEEE Transactions on Communications, 2018, 66, 3982-3998.	7.8	148
15	HetNets with cognitive small cells: user offloading and distributed channel access techniques. , 2013, 51, 28-36.		135
16	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
17	Hybrid Backscatter Communication for Wireless-Powered Heterogeneous Networks. IEEE Transactions on Wireless Communications, 2017, 16, 6557-6570.	9.2	124
18	A Survey on Blockchain: A Game Theoretical Perspective. IEEE Access, 2019, 7, 47615-47643.	4.2	112

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19	Toward an Automated Auction Framework for Wireless Federated Learning Services Market. IEEE Transactions on Mobile Computing, 2021, 20, 3034-3048.	5.8	104
20	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
21	Distributed Wireless Power Transfer System for Internet of Things Devices. IEEE Internet of Things Journal, 2018, 5, 2657-2671.	8.7	96
22	Hierarchical Competition for Downlink Power Allocation in OFDMA Femtocell Networks. IEEE Transactions on Wireless Communications, 2013, 12, 1543-1553.	9.2	93
23	Wireless-Powered Sensor Networks: How to Realize. IEEE Transactions on Wireless Communications, 2017, 16, 221-234.	9.2	87
24	Random 3D Mobile UAV Networks: Mobility Modeling and Coverage Probability. IEEE Transactions on Wireless Communications, 2019, 18, 2527-2538.	9.2	84
25	Efficient Training Management for Mobile Crowd-Machine Learning: A Deep Reinforcement Learning Approach. IEEE Wireless Communications Letters, 2019, 8, 1345-1348.	5.0	81
26	Tier-Aware Resource Allocation in OFDMA Macrocell-Small Cell Networks. IEEE Transactions on Communications, 2015, 63, 695-710.	7.8	78
27	Incentivizing Consensus Propagation in Proof-of-Stake Based Consortium Blockchain Networks. IEEE Wireless Communications Letters, 2019, 8, 157-160.	5.0	78
28	Optimal Cooperative Jamming for Multiuser Broadcast Channel with Multiple Eavesdroppers. IEEE Transactions on Wireless Communications, 2013, 12, 2840-2852.	9.2	70
29	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
30	Market model and optimal pricing scheme of big data and Internet of Things (IoT). , 2016, , .		68
31	Uplink Vs. Downlink NOMA in Cellular Networks: Challenges and Research Directions. , 2017, , .		66
32	Wireless Information and Power Transfer: Rate-Energy Tradeoff for Nonlinear Energy Harvesting. IEEE Transactions on Wireless Communications, 2018, 17, 1966-1981.	9.2	65
33	Joint Service Pricing and Cooperative Relay Communication for Federated Learning. , 2019, , .		65
34	Performance Modeling and Analysis of Heterogeneous Machine Type Communications. IEEE Transactions on Wireless Communications, 2014, 13, 2836-2849.	9.2	63
35	New SWIPT Using PAPR: How It Works. IEEE Wireless Communications Letters, 2016, 5, 672-675.	5.0	62
36	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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37	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
38	A novel caching mechanism for Internet of Things (IoT) sensing service with energy harvesting. , 2016, , .		50
39	Stochastic Optimal Control for Wireless Powered Communication Networks. IEEE Transactions on Wireless Communications, 2016, 15, 686-698.	9.2	50
40	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
41	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
42	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
43	Applications of Repeated Games in Wireless Networks: A Survey. IEEE Communications Surveys and Tutorials, 2015, 17, 2102-2135.	39.4	45
44	Downlink Subchannel and Power Allocation in Multi-Cell OFDMA Cognitive Radio Networks. IEEE Transactions on Wireless Communications, 2011, 10, 2259-2271.	9.2	44
45	Coverage Probability of 3-D Mobile UAV Networks. IEEE Wireless Communications Letters, 2019, 8, 97-100.	5.0	44
46	Optimal time sharing in RF-powered backscatter cognitive radio networks. , 2017, , .		43
47	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
48	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
49	Dynamic Coalition Formation for Network MIMO in Small Cell Networks. IEEE Transactions on Wireless Communications, 2013, 12, 5360-5372.	9.2	38
50	Likelihood-Based Modulation Classification for Multiple-Antenna Receiver. IEEE Transactions on Communications, 2013, 61, 3816-3829.	7.8	38
51	Backscatter radio communication for wireless powered communication networks. , 2015, , .		38
52	Optimal Time Scheduling for Wireless-Powered Backscatter Communication Networks. IEEE Wireless Communications Letters, 2018, 7, 820-823.	5.0	38
53	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.	9.2	36
54	Noncoherent Relaying in Energy Harvesting Communication Systems. IEEE Transactions on Wireless Communications, 2015, 14, 6940-6954.	9.2	36

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55	Overlay RF-powered backscatter cognitive radio networks: A game theoretic approach. , 2017, , .		35
56	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
57	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
58	Analysis of Channel-Averaged SINR for Indoor UWB Rake and Transmitted Reference Systems. IEEE Transactions on Communications, 2007, 55, 2022-2032.	7.8	32
59	Joint Relay Selection and Relay Ordering for DF-Based Cooperative Relay Networks. IEEE Transactions on Communications, 2012, 60, 908-915.	7.8	31
60	A Novel Coding Metasurface for Wireless Power Transfer Applications. Energies, 2019, 12, 4488.	3.1	31
61	Self-Energy Recycling for RF Powered Multi-Antenna Relay Channels. IEEE Transactions on Wireless Communications, 2017, 16, 812-824.	9.2	30
62	Joint Design of Optimal Cooperative Jamming and Power Allocation for Linear Precoding. IEEE Transactions on Communications, 2014, 62, 3285-3298.	7.8	27
63	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
64	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
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66	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
67	Intelligent Reflecting Surface-aided Phase-Shift Backscatter Communication. , 2020, , .		26
68	A 5.8-GHz High-Frequency Resolution Digitally Controlled Oscillator Using the Difference Between Inversion and Accumulation Mode Capacitance of pMOS Varactors. IEEE Transactions on Microwave Theory and Techniques, 2011, 59, 375-382.	4.6	25
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70	Per Cluster Based Opportunistic Power Control for Heterogeneous Networks. , 2011, , .		24
71	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
72	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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73	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
74	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
75	Mode Switching for SWIPT Over Fading Channel With Nonlinear Energy Harvesting. IEEE Wireless Communications Letters, 2017, 6, 678-681.	5.0	21
76	M-ary orthogonal coded/balanced ultra-wideband transmitted-reference systems in multipath. IEEE Transactions on Communications, 2008, 56, 102-111.	7.8	20
77	Distributed Interference Management in Femtocell Networks. , 2011, , .		20
78	Energy-Arrival-Aware Detection Threshold in Wireless-Powered Cognitive Radio Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 9201-9213.	6.3	20
79	Joint Transaction Transmission and Channel Selection in Cognitive Radio Based Blockchain Networks: A Deep Reinforcement Learning Approach. , 2019, , .		19
80	A High-Efficient Wireless Power Receiver for Hybrid Energy-Harvesting Sources. IEEE Transactions on Power Electronics, 2021, 36, 11148-11162.	7.9	19
81	Channel selection in cognitive radio networks with opportunistic RF energy harvesting. , 2014, , .		18
82	Distributed Beamforming in Two-Way Relay Networks With Interference and Imperfect CSI. IEEE Transactions on Wireless Communications, 2016, 15, 4455-4469.	9.2	18
83	Practical Perspectives on IoT in 5G Networks: From Theory to Industrial Challenges and Business Opportunities. , 2017, 55, 68-69.		18
84	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
85	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
86	Experiment, Modeling, and Analysis of Wireless-Powered Sensor Network for Energy Neutral Power Management. IEEE Systems Journal, 2018, 12, 3381-3392.	4.6	17
87	Path-Following Algorithms for Beamforming and Signal Splitting in RF Energy Harvesting Networks. IEEE Communications Letters, 2016, 20, 1687-1690.	4.1	16
88	Multiple Access Performance of Balanced UWB Transmitted-Reference Systems in Multipath. IEEE Transactions on Wireless Communications, 2008, 7, 1084-1094.	9.2	15
89	Traffic-Aware Optimal Spectral Access in Wireless Powered Cognitive Radio Networks. IEEE Transactions on Mobile Computing, 2018, 17, 733-745.	5.8	14
90	A Design of Low-Power 10-bit 1-MS/s Asynchronous SAR ADC for DSRC Application. Electronics (Switzerland), 2020, 9, 1100.	3.1	14

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92	Efficient interference cancellation scheme for wireless body area network. Journal of Communications and Networks, 2011, 13, 167-174.	2.6	13
93	Access control via coalitional power game. , 2012, , .		13
94	Power-Constrained Optimal Cooperative Jamming for Multiuser Broadcast Channel. IEEE Wireless Communications Letters, 2013, 2, 411-414.	5.0	13
95	Time-switching based in-band full duplex wireless powered two-way relay. , 2016, , .		13
96	A Hierarchical Game Model for OFDM Integrated Radar and Communication Systems. IEEE Transactions on Vehicular Technology, 2021, 70, 5077-5082.	6.3	13
97	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
98	Reconfigurable-Intelligent-Surface-Aided Wireless Power Transfer Systems: Analysis and Implementation. IEEE Internet of Things Journal, 2022, 9, 21338-21356.	8.7	13
99	Near-optimal and suboptimal receivers for multiuser UWB impulse radio systems in multipath. IEEE Transactions on Communications, 2009, 57, 3001-3011.	7.8	12
100	UE Relaying Cooperation Over D2D Uplink in Heterogeneous Cellular Networks. IEEE Transactions on Communications, 2015, 63, 4784-4796.	7.8	12
101	Competitive Data Trading in Wireless-Powered Internet of Things (IoT) Crowdsensing Systems with Blockchain. , 2018, , .		12
102	Deep RNN-Based Channel Tracking for Wireless Energy Transfer System. IEEE Systems Journal, 2020, 14, 4340-4343.	4.6	12
103	Significance-Aware Channel Power Allocation for Wireless Multimedia Streaming. IEEE Transactions on Vehicular Technology, 2010, 59, 2861-2873.	6.3	11
104	Distributed Optimization of a Multisubchannel Ad Hoc Cognitive Radio Network. IEEE Transactions on Vehicular Technology, 2012, 61, 1786-1800.	6.3	11
105	Partial Stream Relaying in MIMO Relay Communications. IEEE Transactions on Vehicular Technology, 2013, 62, 205-218.	6.3	11
106	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
107	Joint admission control and content caching policy for energy harvesting access points. , 2016, , .		11
108	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

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109	Optimal Spectrum Sensing Policy in RF-Powered Cognitive Radio Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 9557-9570.	6.3	11
110	Design of a 900 MHz Dual-Mode SWIPT for Low-Power IoT Devices. Sensors, 2019, 19, 4676.	3.8	11
111	Analysis and Experiment on Multi-Antenna-to-Multi-Antenna RF Wireless Power Transfer. IEEE Access, 2021, 9, 2018-2031.	4.2	11
112	Learning to Schedule Joint Radar-Communication With Deep Multi-Agent Reinforcement Learning. IEEE Transactions on Vehicular Technology, 2022, 71, 406-422.	6.3	11
113	Weighted Sum Rate Optimization of Multicell Cognitive Radio Networks. , 2008, , .		10
114	Optimal relaying strategy for UE relays. , 2011, , .		10
115	Stackelberg game for spectrum reuse in the two-tier LTE femtocell network. , 2013, , .		10
116	Competitive cell association and antenna allocation in 5G massive MIMO networks. , 2015, , .		10
117	Distributed wireless energy scheduling for wireless powered sensor networks. , 2016, , .		10
118	Signal Detection for Ambient Backscatter Communication with OFDM Carriers. Sensors, 2019, 19, 517.	3.8	10
119	Centralized and Distributed Optimization of Ad-Hoc Cognitive Radio Network. , 2009, , .		9
120	Interference forwarding for D2D based heterogeneous cellular networks. , 2013, , .		9
121	Optimal decentralized control policy for wireless communication systems with wireless energy transfer capability. , 2014, , .		9
122	Finding the best friend in mobile social energy networks. , 2015, , .		9
123	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
124	Toward a Perpetual IoT System: Wireless Power Management Policy With Threshold Structure. IEEE Internet of Things Journal, 2018, 5, 5254-5270.	8.7	9
125	Dual Mode SWIPT: Waveform Design and Transceiver Architecture with Adaptive Mode Switching Policy. , 2018, , .		9
126	Traffic-Aware Backscatter Communications in Wireless-Powered Heterogeneous Networks. IEEE Transactions on Mobile Computing, 2020, 19, 1731-1744.	5.8	9

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127	Mechanism Design for Wireless Powered Spatial Crowdsourcing Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 920-934.	6.3	9
128	A Highly Accurate, Polynomial-Based Digital Temperature Compensation for Piezoresistive Pressure Sensor in 180 nm CMOS Technology. Sensors, 2020, 20, 5256.	3.8	9
129	A 2.45 GHz High Efficiency CMOS RF Energy Harvester with Adaptive Path Control. Electronics (Switzerland), 2020, 9, 1107.	3.1	9
130	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
131	260-<inline-formula> <tex-math notation="LaTeX">mu </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
132	Guest Editorial Wireless Transmission of Information and Powerâ€"Part I. IEEE Journal on Selected Areas in Communications, 2019, 37, 1-3.	14.0	8
133	Beam Avoidance for Human Safety in Radiative Wireless Power Transfer. IEEE Access, 2020, 8, 217510-217525.	4.2	8
134	Resource Allocation for Cognitive Radios in Dynamic Spectrum Access Environment. , 2008, , .		7
135	Admission control policy for wireless networks with RF energy transfer. , 2014, , .		7
136	Reviewer Appreciation. IEEE Wireless Communications Letters, 2015, 4, 1-1.	5.0	7
137	Coverage probability of distributed wireless power transfer system. , 2017, , .		7
138	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
139	Evolutionary Game for Consensus Provision in Permissionless Blockchain Networks with Shards. , 2019, , .		7
140	Code Shift Keying Impulse Modulation for UWB Communications. IEEE Transactions on Wireless Communications, 2008, 7, 3285-3291.	9.2	6
141	Partial Information Relaying with Per Antenna Superposition Coding. IEEE Transactions on Communications, 2010, 58, 3423-3427.	7.8	6
142	Opportunistic Source/Destination Cooperation in Cooperative Diversity Networks. IEEE Transactions on Wireless Communications, 2010, 9, 3822-3837.	9.2	6
143	Flexible Proportional-Rate Scheduling for OFDMA System. IEEE Transactions on Mobile Computing, 2013, 12, 1907-1919.	5.8	6
144	Optimal energy management policy of a mobile cloudlet with wireless energy charging. , 2014, , .		6

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145	Performance analysis of cognitive radio networks with opportunistic RF energy harvesting. , 2014, , .		6
146	Resource allocation based on clustering for D2D communications in underlaying cellular networks. , 2014, , .		6
147	Optimal Service Auction for Wireless Powered Internet of Things (IoT) Device. , 2015, , .		6
148	Hybrid backscatter communication for wireless powered communication networks. , 2016, , .		6
149	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
150	Game-Theoretic Modeling of Backscatter Wireless Sensor Networks Under Smart Interference. IEEE Communications Letters, 2018, 22, 804-807.	4.1	6
151	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
152	Joint Information and Power Transfer in SWIPT-Enabled CRFID Networks. IEEE Wireless Communications Letters, 2018, 7, 186-189.	5.0	6
153	Cooperative AF-based 3D Mobile UAV Relaying for Hybrid Satellite-Terrestrial Networks. , 2020, , .		6
154	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
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156	Multi-Cell Structure Backscatter Based Wireless-Powered Communication Network (WPCN). IEICE Transactions on Communications, 2016, E99.B, 1687-1696.	0.7	6
157	Multiuser performance of M-ary orthogonal coded/balanced UWB transmitted-reference systems. IEEE Transactions on Communications, 2009, 57, 1013-1024.	7.8	5
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159	Joint admission control and antenna assignment for multiclass QoS in spatial multiplexing MIMO wireless networks. IEEE Transactions on Wireless Communications, 2009, 8, 4855-4865.	9.2	5
160	Adaptive Threshold Based Relay Selection for Minimum Feedback and Channel Usage. IEEE Transactions on Wireless Communications, 2011, 10, 3620-3625.	9.2	5
161	Finite Feedback MIMO Precoding for the Two-Way Amplify-and-Forward Relay Network. IEEE Communications Letters, 2014, 18, 620-623.	4.1	5
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164	New Reconfigurable Nonlinear Energy Harvester: Boosting Rate-Energy Tradeoff. , 2018, , .		5
165	Joint Traffic Routing and Virtualized Security Function Activation in Wireless Multihop Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 9205-9219.	6.3	5
166	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
167	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
168	Design of High Performance Hybrid Type Digital-Feedback Low Drop-Out Regulator Using SSCG Technique. IEEE Access, 2021, 9, 28167-28176.	4.2	5
169	Scheduling performance in downlink WCDMA networks with AMC and fast cell selection. IEEE Transactions on Wireless Communications, 2008, 7, 2580-2591.	9.2	4
170	Energy signal design and decoding procedure for full-duplex two-way wireless powered relay. , 2016, , .		4
171	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
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173	A 5.2 GHz RF Energy Harvester System Using Reconfigurable Parallel Rectenna. , 2018, , .		4
174	A High-Efficiency and Wide-Input Range RF Energy Harvester Using Multiple Rectenna and Adaptive Matching. Energies, 2020, 13, 1023.	3.1	4
175	Demo: Demonstration of Reconfigurable Metasurface for Wireless Communications. , 2020, , .		4
176	Adaptive Task Offloading in Coded Edge Computing: A Deep Reinforcement Learning Approach. IEEE Communications Letters, 2021, 25, 3878-3882.	4.1	4
177	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
178	Stochastic Coded Offloading Scheme for Unmanned-Aerial-Vehicle-Assisted Edge Computing. IEEE Internet of Things Journal, 2023, 10, 5626-5643.	8.7	4
179	Penalized iterative waterfilling algorithm for multi-cell and multi-user OFDMA systems. , 2009, , .		3
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182	Wireless Information and Power Transfer: Spectral Efficiency Optimization for Asymmetric Full-Duplex Relay Systems. , 2017, , .		3
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