Dong In Kim

List of Publications by Year
in descending order

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178	11,758	47006	28297
papers	citations	47	105
		h-index	g-index

179	179	179	8910
all docs	docs citations	times ranked	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	Applications of Deep Reinforcement Learning in Communications and Networking: A Survey. IEEE Communications Surveys and Tutorials, 2019, 21, 3133-3174.	39.4	1,071
3	Wireless Charging Technologies: Fundamentals, Standards, and Network Applications. IEEE Communications Surveys and Tutorials, 2016, 18, 1413-1452.	39.4	745
4	A Survey on Consensus Mechanisms and Mining Strategy Management in Blockchain Networks. IEEE Access, 2019, 7, 22328-22370.	4.2	616
5	Toward Smart Wireless Communications via Intelligent Reflecting Surfaces: A Contemporary Survey. IEEE Communications Surveys and Tutorials, 2020, 22, 2283-2314.	39.4	516
6	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
7	Toward Secure Blockchain-Enabled Internet of Vehicles: Optimizing Consensus Management Using Reputation and Contract Theory. IEEE Transactions on Vehicular Technology, 2019, 68, 2906-2920.	6.3	409
8	Interference management in OFDMA femtocell networks: issues and approaches. IEEE Wireless Communications, 2012, 19, 86-95.	9.0	338
9	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
10	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
11	Compressed Sensing for Wireless Communications: Useful Tips and Tricks. IEEE Communications Surveys and Tutorials, 2017, 19, 1527-1550.	39.4	246
12	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
13	Fractional frequency reuse for interference management in LTE-advanced hetnets. IEEE Wireless Communications, 2013, 20, 113-122.	9.0	185
14	Wireless charger networking for mobile devices: fundamentals, standards, and applications. IEEE Wireless Communications, 2015, 22, 126-135.	9.0	171
15	Ambient Backscatter: A New Approach to Improve Network Performance for RF-Powered Cognitive Radio Networks. IEEE Transactions on Communications, 2017, 65, 3659-3674.	7.8	171
16	Ambient Backscatter Assisted Wireless Powered Communications. IEEE Wireless Communications, 2018, 25, 170-177.	9.0	153
17	Downlink Power Allocation for CoMP-NOMA in Multi-Cell Networks. IEEE Transactions on Communications, 2018, 66, 3982-3998.	7.8	148
18	Distributed Interference Management in Two-Tier CDMA Femtocell Networks. IEEE Transactions on Wireless Communications, 2012, 11, 979-989.	9.2	130

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19	Opportunistic Channel Access and RF Energy Harvesting in Cognitive Radio Networks. IEEE Journal on Selected Areas in Communications, 2014, 32, 2039-2052.	14.0	125
20	Hybrid Backscatter Communication for Wireless-Powered Heterogeneous Networks. IEEE Transactions on Wireless Communications, 2017, 16, 6557-6570.	9.2	124
21	Incentive Design for Efficient Federated Learning in Mobile Networks: A Contract Theory Approach. , 2019, , .		122
22	QoS-Aware and Energy-Efficient Resource Management in OFDMA Femtocells. IEEE Transactions on Wireless Communications, 2013, 12, 180-194.	9.2	108
23	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
24	Distributed Wireless Power Transfer System for Internet of Things Devices. IEEE Internet of Things Journal, 2018, 5, 2657-2671.	8.7	96
25	Hierarchical Competition for Downlink Power Allocation in OFDMA Femtocell Networks. IEEE Transactions on Wireless Communications, 2013, 12, 1543-1553.	9.2	93
26	Wireless-Powered Sensor Networks: How to Realize. IEEE Transactions on Wireless Communications, 2017, 16, 221-234.	9.2	87
27	A reduced complexity channel estimation for OFDM systems with transmit diversity in mobile wireless channels. IEEE Transactions on Communications, 2002, 50, 799-807.	7.8	86
28	Random 3D Mobile UAV Networks: Mobility Modeling and Coverage Probability. IEEE Transactions on Wireless Communications, 2019, 18, 2527-2538.	9.2	84
29	Radio Resource Management in Joint Radar and Communication: A Comprehensive Survey. IEEE Communications Surveys and Tutorials, 2021, 23, 780-814.	39.4	82
30	Efficient Training Management for Mobile Crowd-Machine Learning: A Deep Reinforcement Learning Approach. IEEE Wireless Communications Letters, 2019, 8, 1345-1348.	5.0	81
31	Incentivizing Consensus Propagation in Proof-of-Stake Based Consortium Blockchain Networks. IEEE Wireless Communications Letters, 2019, 8, 157-160.	5.0	78
32	Coordinated Multipoint Transmission in Downlink Multi-Cell NOMA Systems: Models and Spectral Efficiency Performance. IEEE Wireless Communications, 2018, 25, 24-31.	9.0	76
33	Hierarchical Competition in Femtocell-Based Cellular Networks. , 2010, , .		70
34	Simultaneous Wireless Information and Power Transfer (SWIPT) for Internet of Things: Novel Receiver Design and Experimental Validation. IEEE Internet of Things Journal, 2020, 7, 2996-3012.	8.7	69
35	Secure 3D Mobile UAV Relaying for Hybrid Satellite-Terrestrial Networks. IEEE Transactions on Wireless Communications, 2020, 19, 2770-2784.	9.2	69
36	Performance Optimization for Cooperative Multiuser Cognitive Radio Networks with RF Energy Harvesting Capability. IEEE Transactions on Wireless Communications, 2015, 14, 3614-3629.	9.2	65

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37	Wireless Information and Power Transfer: Rate-Energy Tradeoff for Nonlinear Energy Harvesting. IEEE Transactions on Wireless Communications, 2018, 17, 1966-1981.	9.2	65
38	Optimization of OFDMA-Based Cellular Cognitive Radio Networks. IEEE Transactions on Communications, 2010, 58, 2265-2276.	7.8	64
39	New SWIPT Using PAPR: How It Works. IEEE Wireless Communications Letters, 2016, 5, 672-675.	5.0	62
40	Enabling 5G mobile wireless technologies. Eurasip Journal on Wireless Communications and Networking, 2015, 2015, .	2.4	56
41	Throughput Maximization for Multiuser MIMO Wireless Powered Communication Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 5743-5748.	6.3	56
42	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
43	Downlink joint rate and power allocation in cellular multirate WCDMA systems. IEEE Transactions on Wireless Communications, 2003, 2, 69-80.	9.2	55
44	Evolution and future trends of research in cognitive radio: a contemporary survey. Wireless Communications and Mobile Computing, 2015, 15, 1530-1564.	1.2	53
45	Toward Realization of Long-Range Wireless-Powered Sensor Networks. IEEE Wireless Communications, 2019, 26, 184-192.	9.0	51
46	Outage Probability of 3-D Mobile UAV Relaying for Hybrid Satellite-Terrestrial Networks. IEEE Communications Letters, 2020, 24, 418-422.	4.1	51
47	Cooperative Spectrum Sensing Under a Random Geometric Primary User Network Model. IEEE Transactions on Wireless Communications, 2011, 10, 1932-1944.	9.2	50
48	Stochastic Optimal Control for Wireless Powered Communication Networks. IEEE Transactions on Wireless Communications, 2016, 15, 686-698.	9.2	50
49	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
50	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
51	Applications of Repeated Games in Wireless Networks: A Survey. IEEE Communications Surveys and Tutorials, 2015, 17, 2102-2135.	39.4	45
52	Downlink Subchannel and Power Allocation in Multi-Cell OFDMA Cognitive Radio Networks. IEEE Transactions on Wireless Communications, 2011, 10, 2259-2271.	9.2	44
53	Coverage Probability of 3-D Mobile UAV Networks. IEEE Wireless Communications Letters, 2019, 8, 97-100.	5.0	44
54	Optimal time sharing in RF-powered backscatter cognitive radio networks. , 2017, , .		43

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55	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
56	Backscatter radio communication for wireless powered communication networks. , 2015, , .		38
57	Optimal Time Scheduling for Wireless-Powered Backscatter Communication Networks. IEEE Wireless Communications Letters, 2018, 7, 820-823.	5.0	38
58	Analysis of throughput and fairness with downlink scheduling in WCDMA networks. IEEE Transactions on Wireless Communications, 2006, 5, 2164-2174.	9.2	36
59	Foundations of Wireless Information and Power Transfer: Theory, Prototypes, and Experiments. Proceedings of the IEEE, 2022, 110, 8-30.	21.3	36
60	Energy Harvesting Noncoherent Cooperative Communications. IEEE Transactions on Wireless Communications, 2015, 14, 6722-6737.	9.2	33
61	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
62	Noncoherent Amplify-and-Forward Cooperative Networks: Robust Detection and Performance Analysis. IEEE Transactions on Communications, 2013, 61, 3644-3659.	7.8	30
63	Generalized Coordinated Multipoint (GCoMP)-Enabled NOMA: Outage, Capacity, and Power Allocation. IEEE Transactions on Communications, 2019, 67, 7923-7936.	7.8	30
64	The Tradeoff Analysis in RF-Powered Backscatter Cognitive Radio Networks. , 2016, , .		26
65	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
66	Securing Data Sharing from the Sky: Integrating Blockchains into Drones in 5G and Beyond. IEEE Network, 2021, 35, 78-85.	6.9	26
67	Medium access control protocols for wireless mobile ad hoc networks: issues and approaches. Wireless Communications and Mobile Computing, 2003, 3, 935-958.	1.2	24
68	Per Cluster Based Opportunistic Power Control for Heterogeneous Networks. , 2011, , .		24
69	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
70	Perturbation analysis for spectrum sharing in cognitive radio networks. IEEE Transactions on Wireless Communications, 2010, 9, 1564-1570.	9.2	22
71	Hierarchical Power Control With Interference Allowance for Uplink Transmission in Two-Tier Heterogeneous Networks. IEEE Transactions on Wireless Communications, 2015, 14, 616-627.	9.2	22
72	Mode Switching for SWIPT Over Fading Channel With Nonlinear Energy Harvesting. IEEE Wireless Communications Letters, 2017, 6, 678-681.	5.0	21

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73	A Game-Theoretic Analysis for Complementary and Substitutable IoT Services Delivery With Externalities. IEEE Transactions on Communications, 2020, 68, 615-629.	7.8	20
74	Analysis of TCP Performance Under Joint Rate and Power Adaptation in Cellular WCDMA Networks. IEEE Transactions on Wireless Communications, 2004, 3, 865-879.	9.2	19
75	Outage Performance of 3D Mobile UAV Caching for Hybrid Satellite-Terrestrial Networks. IEEE Transactions on Vehicular Technology, 2021, 70, 8280-8285.	6.3	19
76	Experiment, Modeling, and Analysis of Wireless-Powered Sensor Network for Energy Neutral Power Management. IEEE Systems Journal, 2018, 12, 3381-3392.	4.6	17
77	Transmitter-Oriented Dual-Mode SWIPT With Deep-Learning-Based Adaptive Mode Switching for IoT Sensor Networks. IEEE Internet of Things Journal, 2020, 7, 8979-8992.	8.7	17
78	Path-Following Algorithms for Beamforming and Signal Splitting in RF Energy Harvesting Networks. IEEE Communications Letters, 2016, 20, 1687-1690.	4.1	16
79	Probability of Packet Loss in Energy Harvesting Nodes With Cognitive Radio Capabilities. IEEE Communications Letters, 2016, 20, 978-981.	4.1	14
80	Performance of multidimensional multicode DS-CDMA using code diversity and error detection. IEEE Transactions on Communications, 2001, 49, 875-887.	7.8	13
81	Combined M-ary code shift keying/binary pulse position modulation for ultra wideband communications. , 0, , .		13
82	Analysis of Average Signal-to-Interference-Noise Ratio for Indoor UWB Rake Receiving System. , 0, , .		13
83	Game theoretic modeling of jamming attack in wireless powered communication networks. , 2015, , .		13
84	Time-switching based in-band full duplex wireless powered two-way relay. , 2016, , .		13
85	UE Relaying Cooperation Over D2D Uplink in Heterogeneous Cellular Networks. IEEE Transactions on Communications, 2015, 63, 4784-4796.	7.8	12
86	Novel Sparse-Coded Ambient Backscatter Communication for Massive IoT Connectivity. Energies, 2018, 11, 1780.	3.1	12
87	Deep RNN-Based Channel Tracking for Wireless Energy Transfer System. IEEE Systems Journal, 2020, 14, 4340-4343.	4.6	12
88	Distributed Optimization of a Multisubchannel Ad Hoc Cognitive Radio Network. IEEE Transactions on Vehicular Technology, 2012, 61, 1786-1800.	6.3	11
89	Rate-Energy Tradeoff and Decoding Error Probability-Energy Tradeoff for SWIPT in Finite Code Length. IEEE Transactions on Wireless Communications, 2017, 16, 8220-8234.	9.2	11
90	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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91	Optimal Spectrum Sensing Policy in RF-Powered Cognitive Radio Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 9557-9570.	6.3	11
92	Design of a 900 MHz Dual-Mode SWIPT for Low-Power IoT Devices. Sensors, 2019, 19, 4676.	3.8	11
93	Performance Analysis of IoT-Based Overlay Satellite-Terrestrial Networks Under Interference. IEEE Transactions on Cognitive Communications and Networking, 2021, 7, 985-1001.	7.9	11
94	Design and Implementation of 5.8 GHz RF Wireless Power Transfer System. IEEE Access, 2021, 9, 168520-168534.	4.2	11
95	Signal Detection for Ambient Backscatter Communication with OFDM Carriers. Sensors, 2019, 19, 517.	3.8	10
96	Backscatter-Aided Cooperative Transmission in Wireless-Powered Heterogeneous Networks. IEEE Transactions on Wireless Communications, 2020, 19, 7309-7323.	9.2	10
97	A High-Resolution, Multi-Template Deconvolution Algorithm for Time-Domain UWB Channel Characterization. , 2007, , .		9
98	Centralized and Distributed Optimization of Ad-Hoc Cognitive Radio Network. , 2009, , .		9
99	Optimal decentralized control policy for wireless communication systems with wireless energy transfer capability. , 2014, , .		9
100	Dual Mode SWIPT: Waveform Design and Transceiver Architecture with Adaptive Mode Switching Policy. , 2018, , .		9
101	Traffic-Aware Backscatter Communications in Wireless-Powered Heterogeneous Networks. IEEE Transactions on Mobile Computing, 2020, 19, 1731-1744.	5.8	9
102	Dynamic Rate and Power Adaptation for Provisioning Class-Based QoS in Cellular Multirate WCDMA Systems. IEEE Transactions on Wireless Communications, 2004, 3, 1590-1601.	9.2	8
103	Protecting Multi-Function Wireless Systems From Jammers With Backscatter Assistance: An Intelligent Strategy. IEEE Transactions on Vehicular Technology, 2021, 70, 11812-11826.	6.3	8
104	Two-best user scheduling for high-speed downlink multicode CDMA with code constraint. , 0, , .		7
105	Selective relative best scheduling for best-effort downlink packet data. IEEE Transactions on Wireless Communications, 2006, 5, 1254-1259.	9.2	7
106	Spectral Characteristics of M-ary Code Shift Keying Based Impulse Radios: Effects of Code Design. IEEE Transactions on Wireless Communications, 2007, 6, 2266-2275.	9.2	7
107	Admission control policy for wireless networks with RF energy transfer. , 2014, , .		7
108	Coverage probability of distributed wireless power transfer system. , 2017, , .		7

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109	Analysis of Wireless-Powered Device-to-Device Communications with Ambient Backscattering. , 2017, , .		7
110	Performance Analysis of Power Amplifier Nonlinearity on Multi-Tone SWIPT. IEEE Wireless Communications Letters, 2021, 10, 765-769.	5.0	7
111	Performance of slotted asynchronous CDMA using controlled time of arrival. IEEE Transactions on Communications, 1999, 47, 454-463.	7.8	6
112	M-ary Code Shift Keying Impulse Modulation Combined with BPPM for UWB Communications. IEEE Transactions on Wireless Communications, 2007, 6, 2255-2265.	9.2	6
113	Hybrid backscatter communication for wireless powered communication networks. , 2016, , .		6
114	Cooperative AF-based 3D Mobile UAV Relaying for Hybrid Satellite-Terrestrial Networks. , 2020, , .		6
115	Combined binary pulse position modulation/biorthogonal modulation for direct-sequence code division multiple access. IEEE Transactions on Communications, 1999, 47, 22-26.	7.8	5
116	Large-scale joint rate and power allocation algorithm combined with admission control in cognitive radio networks. Journal of Communications and Networks, 2009, 11, 157-165.	2.6	5
117	New Reconfigurable Nonlinear Energy Harvester: Boosting Rate-Energy Tradeoff. , 2018, , .		5
118	A New Base Station Receiver for Increasing Diversity Order in a CDMA Cellular System. IEEE Transactions on Communications, 2004, 52, 1851-1856.	7.8	4
119	Power Spectral Density Characteristics of MCSK Based Impulse Radios in UWB Communications. , 0, , .		4
120	M-ary Orthogonal Coded/Balanced UWB Transmitted-Reference System. , 2006, , .		4
121	Scheduling performance in downlink WCDMA networks with AMC and fast cell selection. IEEE Transactions on Wireless Communications, 2008, 7, 2580-2591.	9.2	4
122	Energy signal design and decoding procedure for full-duplex two-way wireless powered relay. , 2016, , .		4
123	Transmission Power and Antenna Allocation for Energy-Efficient RF Energy Harvesting Networks with Massive MIMO. Energies, 2017, 10, 802.	3.1	4
124	Adaptive Task Offloading in Coded Edge Computing: A Deep Reinforcement Learning Approach. IEEE Communications Letters, 2021, 25, 3878-3882.	4.1	4
125	Experiments and Modeling of 5.8GHz Microwave Wireless Power Transfer with Multiple Antennas. , 2020, , .		4
126	CQ importance sampling technique for efficient simulation in Rayleigh-faded channels. , 0, , .		3

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127	Combined M-ary Code Shift/Differential Chaos Shift Keying for Low-Rate UWB Communications. , 0, , .		3
128	WLC23-3: Multiuser Performance of Balanced UWB Transmitted-Reference System in Multipath. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	3
129	Basics of Wireless Energy Harvesting and Transfer. , 2016, , 3-43.		3
130	Multi-Device Charging RIS-Aided Wireless Power Transfer Systems. , 2021, , .		3
131	When Optimization Meets Machine Learning: The Case of IRS-Assisted Wireless Networks. IEEE Network, 2022, 36, 190-198.	6.9	3
132	A hybrid nonlinear distortion compensator for multicode DS/CDMA systems. , 0, , .		2
133	I/Q multiplexed code assignment for fast cell search in asynchronous DS/CDMA cellular systems. IEEE Communications Letters, 1998, 2, 159-161.	4.1	2
134	Dynamic rate and power adaptation for forward link transmission using high-order modulation and multicode formats in cellular WCDMA networks. IEEE Transactions on Wireless Communications, 2005, 4, 2361-2372.	9.2	2
135	Outage Probability Analysis of Macro-Diversity Combining in Poisson Field of Access Points. IEEE Communications Letters, 2012, 16, 1208-1211.	4.1	2
136	Wireless energy harvesting communications: Beamforming and stochastic optimization. , 2014, , .		2
137	Reconfigurable Heterogeneous Energy Harvester with Adaptive Mode Switching. , 2019, , .		2
138	Backscatter Based Cooperative Transmission in Wireless-Powered Heterogeneous Networks. , 2019, , .		2
139	Heterogeneously Reconfigurable Energy Harvester: An Algorithm for Optimal Reconfiguration. IEEE Internet of Things Journal, 2021, 8, 1437-1452.	8.7	2
140	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
141	Development of Far Field RF Power Harvesting Testbed. The Journal of Korean Institute of Communications and Information Sciences, 2015, 40, 1922-1930.	0.1	2
142	Multi-user performance of direct-sequence CDMA using combined binary PPM/orthogonal modulation. IEEE Transactions on Communications, 1999, 47, 404-415.	7.8	1
143	Analysis of Throughput and Fairness of WCDMA Networks with Downlink Scheduling. , 2006, , .		1
144	Selective maximum-likelihood symbol-by-symbol detection for multidimensional multicode WCDMA with precoding. IEEE Transactions on Communications, 2006, 54, 591-595.	7.8	1

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145	Interaction Between Adaptive Modulation and Scheduling for High-Rate Downlink Packet Transmission. IEEE Transactions on Vehicular Technology, 2007, 56, 1683-1695.	6.3	1
146	Downlink Scheduling with AMC and FCS in WCDMA Networks. , 2007, , .		1
147	UWB-IR System Performance for Implementable Rake Receivers. , 2007, , .		1
148	Average-Sense Joint Rate and Power Allocation Algorithm Combined with Admission Control in Cognitive Radio Networks. , 2009, , .		1
149	Energy outage and achievable throughput in RF energy harvesting cognitive radio networks. , 2016, , .		1
150	Sensor Networks with Wireless Energy Harvesting. , 0, , 291-337.		1
151	Traffic-Aware Optimal Spectrum Sensing Policy in Wireless-Powered Cognitive Radio Networks. , 2018, , .		1
152	Multi-Dimensional Sparse-Coded Ambient Backscatter Communication for Massive IoT Networks. Energies, 2018, 11, 2855.	3.1	1
153	Backscatter Communication for Wireless-Powered Communication Networks. The Journal of Korean Institute of Communications and Information Sciences, 2015, 40, 1900-1911.	0.1	1
154	Beam Scanning Methods for Multi-Antenna Wireless Power Transfer with Reconfigurable Intelligent Surface. , 2021, , .		1
155	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
156	Joint time scheduling and transaction fee selection in blockchain-based RF-powered backscatter cognitive radio network. Computer Networks, 2022, 214, 109135.	5.1	1
157	Fast cell search using I/Q multiplexed code in asynchronous DS/CDMA cellular systems. , 0, , .		0
158	Multipath-diversity performance of direct-sequence CDMA using combined M-ary signalling. , 0, , .		0
159	I/Q multiplexed code assignment for fast cell search under hierarchical cell structure. , 0, , .		0
160	CEM modulation and per-symbol detection for high-data-rate multicode DS-CDMA systems. , 0, , .		0
161	Analysis of a Hybrid Multicode/Variable Spreading Factor DS-CDMA System With Two-Stage Group Detection. IEEE Transactions on Vehicular Technology, 2004, 53, 611-620.	6.3	0
162	Efficient and Fair Scheduling for Best-Effort Downlink Packet Data. , 0, , .		0

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163	Effects of Code Design on the Spectral Characteristics of MCSK Based Impulse Radios. , 2006, , .		0
164	WLC23-1: Code Shift Keying Modulation For Low-Rate UWB Communications Under Dense Multipath. , 2006, , .		0
165	Subchannel-Sharing Based Distributed Optimization of Ad-Hoc Cognitive Radio Network. , 2010, , .		0
166	Hybrid inter-sector coordinated multi-point transmission scheme. , 2011, , .		0
167	Partial information relaying with multiple relays and destination nodes. , 2011, , .		0
168	Performance tradeoff in two-zone based wireless powered communication networks. , 2015, , .		0
169	User's deception mechanisms against jammers in wireless energy harvesting networks. , 2015, , .		0
170	Cognitive Radio Networks with Wireless Energy Harvesting. , 0, , 338-382.		0
171	Circuit Design for Wireless Energy Harvesting. , 0, , 44-85.		0
172	Backscattering Wireless-Powered Communications. , 0, , 217-245.		0
173	Applicability of Compressive Sensing for Wireless Energy Harvesting Nodes. Energies, 2017, 10, 1776.	3.1	0
174	Optimal Transmission Policy in Decoupled RF Energy Harvesting Networks. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2018, E101.A, 516-520.	0.3	0
175	Cognitive Radio Networks with Ambient Backscatter Communication. , 2020, , 125-156.		0
176	Self-Sustaining Wireless Communication Networks. , 2020, , 3-32.		0
177	Energy Outage Probability and Achievable Throughput of 2-Channel Sensing Secondary Users in RF Powered Cognitive Radio Networks. The Journal of Korean Institute of Communications and Information Sciences, 2016, 41, 1044-1053.	0.1	0
178	Hybrid FS/PS SWIPT based Backscatter Communication for Internet of Things. , 2020, , .		0