

# Ioannis Krikidis

## List of Publications by Year in descending order

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217  
papers

9,232  
citations

94269

37  
h-index

54797

84  
g-index

221  
all docs

221  
docs citations

221  
times ranked

5240  
citing authors

#	ARTICLE	IF	CITATIONS
1	Simultaneous wireless information and power transfer in modern communication systems. , 2014, 52, 104-110.		737
2	Fairness for Non-Orthogonal Multiple Access in 5G Systems. IEEE Signal Processing Letters, 2015, 22, 1647-1651.	2.1	664
3	Green radio: radio techniques to enable energy-efficient wireless networks. , 2011, 49, 46-54.		613
4	Relay selection for secure cooperative networks with jamming. IEEE Transactions on Wireless Communications, 2009, 8, 5003-5011.	6.1	439
5	Amplify-and-forward with partial relay selection. IEEE Communications Letters, 2008, 12, 235-237.	2.5	368
6	Wireless Information and Power Transfer With Full Duplex Relaying. IEEE Transactions on Communications, 2014, 62, 3447-3461.	4.9	358
7	Improving Physical Layer Secrecy Using Full-Duplex Jamming Receivers. IEEE Transactions on Signal Processing, 2013, 61, 4962-4974.	3.2	334
8	Buffer-Aided Relay Selection for Cooperative Diversity Systems without Delay Constraints. IEEE Transactions on Wireless Communications, 2012, 11, 1957-1967.	6.1	319
9	Full-Duplex Relay Selection for Amplify-and-Forward Cooperative Networks. IEEE Transactions on Wireless Communications, 2012, 11, 4381-4393.	6.1	294
10	Max-min relay selection for legacy amplify-and-forward systems with interference. IEEE Transactions on Wireless Communications, 2009, 8, 3016-3027.	6.1	284
11	Wireless Information and Power Transfer in Cooperative Networks With Spatially Random Relays. IEEE Transactions on Wireless Communications, 2014, 13, 4440-4453.	6.1	276
12	RF Energy Transfer for Cooperative Networks: Data Relaying or Energy Harvesting?. IEEE Communications Letters, 2012, 16, 1772-1775.	2.5	255
13	Simultaneous Information and Energy Transfer in Large-Scale Networks with/without Relaying. IEEE Transactions on Communications, 2014, 62, 900-912.	4.9	234
14	Low-Complexity End-to-End Performance Optimization in MIMO Full-Duplex Relay Systems. IEEE Transactions on Wireless Communications, 2014, 13, 913-927.	6.1	232
15	Beamforming for MISO Interference Channels with QoS and RF Energy Transfer. IEEE Transactions on Wireless Communications, 2014, 13, 2646-2658.	6.1	195
16	Opportunistic relay selection for cooperative networks with secrecy constraints. IET Communications, 2010, 4, 1787.	1.5	177
17	A Low Complexity Antenna Switching for Joint Wireless Information and Energy Transfer in MIMO Relay Channels. IEEE Transactions on Communications, 2014, 62, 1577-1587.	4.9	148
18	Throughput Analysis and Optimization of Wireless-Powered Multiple Antenna Full-Duplex Relay Systems. IEEE Transactions on Communications, 2016, 64, 1769-1785.	4.9	137

#	ARTICLE	IF	CITATIONS
19	Average Age of Information in Wireless Powered Sensor Networks. IEEE Wireless Communications Letters, 2019, 8, 628-631.	3.2	114
20	Relay Selection in Wireless Powered Cooperative Networks With Energy Storage. IEEE Journal on Selected Areas in Communications, 2015, 33, 2596-2610.	9.7	110
21	A Survey on Buffer-Aided Relay Selection. IEEE Communications Surveys and Tutorials, 2016, 18, 1073-1097.	24.8	110
22	Rethinking the role of interference in wireless networks. , 2014, 52, 152-158.		105
23	Protocol design and throughput analysis for multi-user cognitive cooperative systems. IEEE Transactions on Wireless Communications, 2009, 8, 4740-4751.	6.1	97
24	Full-Duplex Cooperative Cognitive Radio with Transmit Imperfections. IEEE Transactions on Wireless Communications, 2013, 12, 2498-2511.	6.1	97
25	Relay Selection for Two-Way Relay Channels With MABC DF: A Diversity Perspective. IEEE Transactions on Vehicular Technology, 2010, 59, 4620-4628.	3.9	94
26	Full-Duplex Relaying over Block Fading Channel: A Diversity Perspective. IEEE Transactions on Wireless Communications, 2012, 11, 4524-4535.	6.1	85
27	Physical Layer Network Coding and Precoding for the Two-Way Relay Channel in Cellular Systems. IEEE Transactions on Signal Processing, 2011, 59, 696-712.	3.2	80
28	On combating the half-duplex constraint in modern cooperative networks: protocols and techniques. IEEE Wireless Communications, 2012, 19, 20-27.	6.6	77
29	Base Station Location Optimization for Minimal Energy Consumption in Wireless Networks. , 2011, , .		71
30	Full-Duplex Radio for Uplink/Downlink Wireless Access With Spatially Random Nodes. IEEE Transactions on Communications, 2015, 63, 5250-5266.	4.9	71
31	Stability Analysis and Power Optimization for Energy Harvesting Cooperative Networks. IEEE Signal Processing Letters, 2012, 19, 20-23.	2.1	66
32	Mobility Management in Ultra-Dense Networks: Handover Skipping Techniques. IEEE Access, 2018, 6, 11921-11930.	2.6	66
33	Stability analysis for cognitive radio with multi-access primary transmission. IEEE Transactions on Wireless Communications, 2010, 9, 72-77.	6.1	61
34	Exploiting Constructive Interference for Simultaneous Wireless Information and Power Transfer in Multiuser Downlink Systems. IEEE Journal on Selected Areas in Communications, 2016, 34, 1772-1784.	9.7	58
35	Survey on energy harvesting wireless communications: Challenges and opportunities for radio resource allocation. Computer Networks, 2015, 88, 234-248.	3.2	55
36	Harvest-use cooperative networks with half/full-duplex relaying. , 2013, , .		53

#	ARTICLE	IF	CITATIONS
37	Achieving Optimal Diversity Gain in Buffer-Aided Relay Networks With Small Buffer Size. IEEE Transactions on Vehicular Technology, 2016, 65, 8788-8794.	3.9	53
38	Impact of Directionality on Interference Mitigation in Full-Duplex Cellular Networks. IEEE Transactions on Wireless Communications, 2017, 16, 487-502.	6.1	53
39	Optimization of Hybrid Cache Placement for Collaborative Relaying. IEEE Communications Letters, 2017, 21, 442-445.	2.5	49
40	A Buffer-Aided Successive Opportunistic Relay Selection Scheme With Power Adaptation and Inter-Relay Interference Cancellation for Cooperative Diversity Systems. IEEE Transactions on Communications, 2015, 63, 1623-1634.	4.9	47
41	Security-Aware Max-Min Resource Allocation in Multiuser OFDMA Downlink. IEEE Transactions on Information Forensics and Security, 2015, 10, 529-542.	4.5	39
42	Weighted Sum-Rate Maximization for Multi-IRS-Assisted Full-Duplex Systems With Hardware Impairments. IEEE Transactions on Cognitive Communications and Networking, 2021, 7, 466-481.	4.9	39
43	Full-Duplex Cooperative Diversity with Alamouti Space-Time Code. IEEE Wireless Communications Letters, 2013, 2, 519-522.	3.2	36
44	Modeling Buffer-Aided Relay Selection in Networks With Direct Transmission Capability. IEEE Communications Letters, 2015, 19, 649-652.	2.5	35
45	Secrecy sum-rate for orthogonal random beamforming with opportunistic scheduling. IEEE Signal Processing Letters, 2013, 20, 141-144.	2.1	34
46	Energy Beamforming in Wireless Powered mmWave Sensor Networks. IEEE Journal on Selected Areas in Communications, 2019, 37, 424-438.	9.7	33
47	Spatial Domain Simultaneous Information and Power Transfer for MIMO Channels. IEEE Transactions on Wireless Communications, 2015, 14, 4115-4128.	6.1	32
48	MISO interference channel with QoS and RF energy harvesting constraints. , 2013, , .		31
49	Secrecy Outage for Wireless Sensor Networks. IEEE Communications Letters, 2017, 21, 1565-1568.	2.5	31
50	Flex-NOMA: Exploiting Buffer-Aided Relay Selection for Massive Connectivity in the 5G Uplink. IEEE Access, 2019, 7, 88743-88755.	2.6	30
51	Antenna selection in the full-duplex multi-antenna relay channel. , 2013, , .		26
52	Full-duplex MIMO relaying powered by wireless energy transfer. , 2015, , .		26
53	Backscatter Communications for Wireless Powered Sensor Networks With Collision Resolution. IEEE Wireless Communications Letters, 2017, 6, 650-653.	3.2	26
54	Low-Complexity Base Station Selection Scheme in mmWave Cellular Networks. IEEE Transactions on Communications, 2017, 65, 4049-4064.	4.9	26

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55	Heterogeneous FD-mm-Wave Cellular Networks With Cell Center/Edge Users. IEEE Transactions on Communications, 2019, 67, 791-806.	4.9	24
56	Retrodirective Large Antenna Energy Beamforming in Backscatter Multi-User Networks. IEEE Wireless Communications Letters, 2018, 7, 678-681.	3.2	21
57	Low-Complexity Random Rotation-Based Schemes for Intelligent Reflecting Surfaces. IEEE Transactions on Wireless Communications, 2021, 20, 5212-5225.	6.1	21
58	Scheduling for Amplify-and-Forward Cooperative Networks. IEEE Transactions on Vehicular Technology, 2007, 56, 3780-3790.	3.9	20
59	Outage Analysis of Full-Duplex Architectures in Cellular Networks. , 2015, , .		20
60	Performance of Maximum Ratio Transmission in Ad Hoc Networks With SWIPT. IEEE Wireless Communications Letters, 2015, 4, 529-532.	3.2	20
61	Analysis and Optimization Issues for Superposition Modulation in Cooperative Networks. IEEE Transactions on Vehicular Technology, 2009, 58, 4837-4847.	3.9	19
62	Specific Absorption Rate-Aware Beamforming in MISO Downlink SWIPT Systems. IEEE Transactions on Communications, 2020, 68, 1312-1326.	4.9	19
63	Cognitive legacy networks via cooperative diversity. IEEE Communications Letters, 2009, 13, 106-108.	2.5	18
64	Relaying techniques for enhancing the physical layerâ€™s secrecy in cooperative networks with multiple eavesdroppers. Transactions on Emerging Telecommunications Technologies, 2014, 25, 445-460.	2.6	18
65	Successive Interference Cancellation in Bipolar Ad Hoc Networks With SWIPT. IEEE Wireless Communications Letters, 2016, 5, 364-367.	3.2	18
66	Delay- and Diversity-Aware Buffer-Aided Relay Selection Policies in Cooperative Networks. IEEE Access, 2018, 6, 73531-73547.	2.6	18
67	Active Control of THz Waves in Wireless Environments Using Graphene-Based RIS. IEEE Transactions on Antennas and Propagation, 2022, 70, 8785-8797.	3.1	18
68	Amplify-and-forward with full-duplex relay selection. , 2012, , .		17
69	Buffer-aided successive opportunistic relaying with inter-relay interference cancellation. , 2013, , .		17
70	Feedback Enhances Simultaneous Wireless Information and Energy Transmission in Multiple Access Channels. IEEE Transactions on Information Theory, 2017, 63, 5244-5265.	1.5	17
71	Wireless Powered Mobile Edge Computing: Offloading Or Local Computation?. IEEE Communications Letters, 2020, 24, 2642-2646.	2.5	17
72	Hybrid cooperation through full-duplex opportunistic relaying and max-link relay selection with transmit power adaptation. , 2014, , .		16

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73	Delay- and diversity-aware buffer-aided relay selection policies in cooperative networks. , 2016, , .		16
74	A Novel Probabilistic Buffer-Aided Relay Selection Scheme in Cooperative Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 4548-4552.	3.9	16
75	Full-Duplex radio for uplink/downlink transmission with spatial randomness. , 2015, , .		15
76	Average Peak Age of Information Analysis for Wireless Powered Cooperative Networks. IEEE Transactions on Cognitive Communications and Networking, 2021, 7, 1291-1303.	4.9	15
77	A Survey on Reinforcement Learning-Aided Caching in Heterogeneous Mobile Edge Networks. IEEE Access, 2022, 10, 4380-4413.	2.6	15
78	Three scheduling schemes for amplify-and-forward relay environments. IEEE Communications Letters, 2007, 11, 414-416.	2.5	14
79	MIMO two-way relay channel with superposition coding and imperfect channel estimation. , 2010, , .		14
80	Tone-Index Multisine Modulation for SWIPT. IEEE Signal Processing Letters, 2019, 26, 1252-1256.	2.1	14
81	MIMO SWIPT Systems With Power Amplifier Nonlinearities and Memory Effects. IEEE Wireless Communications Letters, 2020, 9, 2187-2191.	3.2	14
82	Cooperative Relaying with Feedback for Lifetime Maximization. , 2010, , .		13
83	Coverage Scalability Analysis of Multi-Cell LoRa Networks. , 2020, , .		13
84	Coverage Probability of STAR-RIS-Assisted Massive MIMO Systems With Correlation and Phase Errors. IEEE Wireless Communications Letters, 2022, 11, 1738-1742.	3.2	13
85	Multiple Antennas Selection for Linear Precoding MISO Cognitive Radio. , 2009, , .		12
86	Space Alignment for Cognitive Transmission in MIMO Uplink Channels. Eurasip Journal on Wireless Communications and Networking, 2010, 2010, .	1.5	12
87	Power allocation for cooperative-based jamming in wireless networks with secrecy constraints. , 2010, , .		12
88	Network-Level Cooperation for a Multiple-Access Channel Via Dynamic Decode-and-Forward. IEEE Transactions on Information Theory, 2011, 57, 7759-7770.	1.5	12
89	Joint information and energy transfer in the spatial domain with channel estimation error. , 2013, , .		12
90	Asynchronous Ad Hoc Networks With Wireless Powered Cognitive Communications. IEEE Transactions on Cognitive Communications and Networking, 2019, 5, 440-451.	4.9	12

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91	A SVD-Based Location Coding for Cognitive Radio in MIMO Uplink Channels. IEEE Communications Letters, 2010, 14, 912-914.	2.5	11
92	Approaching MISO Upper Bound: Design of New Wireless Cooperative Transmission Protocols. IEEE Transactions on Wireless Communications, 2011, 10, 2725-2737.	6.1	11
93	MIMO two-way relay channel with superposition coding and imperfect channel estimation. Journal of Network and Computer Applications, 2012, 35, 510-516.	5.8	11
94	On the Association with Intelligent Reflecting Surfaces in Spatially Random Networks. , 2021, , .		11
95	SWIPT With Intelligent Reflecting Surfaces Under Spatial Correlation. IEEE Wireless Communications Letters, 2021, 10, 1924-1928.	3.2	11
96	Relay Selection Issues for Amplify-and-Forward Cooperative Systems with Interference. , 2009, , .		10
97	SWIPT in 3-D Bipolar Ad Hoc Networks With Sectorized Antennas. IEEE Communications Letters, 2016, 20, 1267-1270.	2.5	10
98	Improving the throughput of wireless powered dual-hop systems with full duplex relaying. , 2015, , .		9
99	Diversity-Multiplexing Tradeoff of Dynamic Harvest-and-Forward Cooperation. IEEE Wireless Communications Letters, 2015, 4, 633-636.	3.2	9
100	Achievable Rates of Buffer-Aided Full-Duplex Gaussian Relay Channels. IEEE Access, 2017, 5, 23776-23791.	2.6	9
101	A Wireless Powered Feedback Protocol for Opportunistic Beamforming Using Rectenna Arrays. IEEE Transactions on Green Communications and Networking, 2018, 2, 100-113.	3.5	9
102	Spatial-Modulation-Based Techniques for Backscatter Communication Systems. IEEE Internet of Things Journal, 2020, 7, 10623-10634.	5.5	9
103	Performance Trade-Off in UAV-Aided Wireless-Powered Communication Networks via Multi-Objective Optimization. IEEE Transactions on Vehicular Technology, 2021, 70, 13430-13435.	3.9	9
104	A Cross-Layer Approach for Cooperative Networks. IEEE Transactions on Vehicular Technology, 2008, 57, 3257-3263.	3.9	8
105	Opportunistic Relay Selection in Cooperative Systems With Dirty-Paper Coding. IEEE Transactions on Vehicular Technology, 2009, 58, 3322-3332.	3.9	8
106	Network-level cooperation with enhancements based on the physical layer. , 2010, , .		8
107	Impact of channel state information on wireless energy harvesting cooperative networks with spatially random relays. , 2014, , .		8
108	Opportunistic Beamforming with Wireless Powered 1-bit Feedback Through Rectenna Array. IEEE Signal Processing Letters, 2015, 22, 2054-2058.	2.1	8

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109	A delay-aware hybrid relay selection policy. , 2016, , .		8
110	Special issue on network coding. Eurasip Journal on Advances in Signal Processing, 2017, 2017, .	1.0	8
111	Fast Specific Absorption Rate Aware Beamforming for Downlink SWIPT via Deep Learning. IEEE Transactions on Vehicular Technology, 2020, 69, 16178-16182.	3.9	8
112	Random Rotation-based Low-Complexity Schemes for Intelligent Reflecting Surfaces. , 2020, , .		8
113	A Hybrid Cooperation Scheme for Sub-6 GHz/mmWave Cellular Networks. IEEE Communications Letters, 2020, 24, 1539-1543.	2.5	8
114	Noncoherent Energy Detection With Orthogonal Signaling for an Uncoded Two-Way Relay Channel. IEEE Transactions on Vehicular Technology, 2012, 61, 404-409.	3.9	7
115	Cooperative wireless edge caching with relay selection. , 2017, , .		7
116	Information-Energy Capacity Region for SWIPT Systems with Power Amplifier Nonlinearity. , 2020, , .		7
117	Embedding Model-Based Fast Meta Learning for Downlink Beamforming Adaptation. IEEE Transactions on Wireless Communications, 2022, 21, 149-162.	6.1	7
118	Stability Analysis for Bidirectional MABC-DF Relay Networks With Bursty Traffic. IEEE Transactions on Vehicular Technology, 2011, 60, 2844-2849.	3.9	6
119	Diversity Fairness in Tomlinsonâ€“Harashima Precoded Multiuser MIMO Through Retransmission. IEEE Signal Processing Letters, 2013, 20, 375-378.	2.1	6
120	Exploring green interference power for wireless information and energy transfer in the MISO downlink. , 2015, , .		6
121	Symbol-level precoding in MISO broadcast channels for SWIPT systems. , 2016, , .		6
122	Vehicular Safety Application Identifier algorithm for LTE VANET server. , 2016, , .		6
123	Blockage effects on joint information & energy transfer in directional ad-hoc networks. , 2016, , .		6
124	Intelligent User-Centric Handover Scheme in Ultra-Dense Cellular Networks. , 2017, , .		6
125	User Association Coalition Games with Zero-Forcing Beamforming and NOMA. , 2019, , .		6
126	Energy Efficiency for MEC Offloading with NOMA through Coalitional Games. , 2019, , .		6



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127	Finite Blocklength Analysis of Multiple Access Channels With/Without Cooperation. IEEE Transactions on Communications, 2020, 68, 6317-6330.	4.9	6
128	Optimal Non-Uniform Deployments of LoRa Networks. IEEE Wireless Communications Letters, 2020, 9, 1919-1923.	3.2	6
129	Channel Statistics-Based Rate Splitting with Spatial Randomness. , 2020, , .		6
130	Differential Chaos Shift Keying-based Wireless Power Transfer with Nonlinearities. IEEE Journal on Selected Topics in Signal Processing, 2021, , 1-1.	7.3	6
131	Probabilistically Robust Optimization of IRS-Aided SWIPT Under Coordinated Spectrum Underlay. IEEE Transactions on Communications, 2022, 70, 2298-2312.	4.9	6
132	Superposition-coded concurrent decode-and-forward relaying. , 2008, , .		5
133	Low-Complexity Base Station Cooperation for mmWave Heterogeneous Cellular Networks. , 2016, , .		5
134	On the Design and Deployment of Multitier Heterogeneous and Adaptive Vehicular Networks. , 2018, , .		5
135	On the diversity order of non-orthogonal amplify-and-forward over block-fading channels. IEEE Transactions on Wireless Communications, 2010, 9, 1890-1900.	6.1	4
136	Comment on "Relay Selection for Secure Cooperative Networks with Jamming". IEEE Transactions on Wireless Communications, 2012, 11, 2351-2351.	6.1	4
137	Swipt through eigen-decomposition of mimo channels. , 2015, , .		4
138	Performance gains from directional antennas in full-duplex systems. , 2015, , .		4
139	Feedback enhances simultaneous energy and information transmission in multiple access channels. , 2016, , .		4
140	RF Energy Harvesting Communications: Recent Advances and Research Issues. Studies in Systems, Decision and Control, 2016, , 339-363.	0.8	4
141	Sequential decoding for simultaneous wireless information and power transfer. , 2017, , .		4
142	Vehicular multitier gateway selection algorithm for heterogeneous VANET architectures. , 2017, , .		4
143	Generalized Selection in Wireless Powered Networks With Non-Linear Energy Harvesting. IEEE Transactions on Communications, 2021, 69, 5634-5648.	4.9	4
144	On the Sum Rate of MISO Rate Splitting with Spatial Randomness. , 2021, , .		4

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145	Rate Splitting With Wireless Edge Caching: A System-Level-Based Co-Design. IEEE Transactions on Communications, 2022, 70, 664-679.	4.9	4
146	Full-Duplex DF Relaying With Parallel Hybrid FSO/RF Transmissions. IEEE Open Journal of the Communications Society, 2021, 2, 2502-2515.	4.4	4
147	Design and Analysis of SWIPT With Safety Constraints. Proceedings of the IEEE, 2022, 110, 107-126.	16.4	4
148	5G-Slicer: An emulator for mobile IoT applications deployed over 5G network slices. , 2022, , .		4
149	Multilevel Modulation for Cognitive Multiaccess Relay Channel. IEEE Transactions on Vehicular Technology, 2010, 59, 3121-3125.	3.9	3
150	Low complexity base station cooperation in cellular networks with blockages. , 2016, , .		3
151	Hybrid Precoding for MISO Broadcasting SWIPT Systems: A Stochastic Optimization Approach. , 2020, , .		3
152	Wireless Power Transfer Under Kullback-Leibler Distribution Uncertainty: A Mathematical Framework. IEEE Wireless Communications Letters, 2020, 9, 1591-1595.	3.2	3
153	Full Duplex Millimeter-Wave Cellular Networks: A Macroscopic Point-of-View. IEEE Network, 2021, 35, 270-277.	4.9	3
154	Joint Information and Energy Transfer of SWIPT-Enabled Mobile Users in Wireless Networks. IEEE Transactions on Green Communications and Networking, 2022, 6, 1141-1156.	3.5	3
155	A New Receiver Design: Simultaneous Wireless Power Transfer With Modulation Classification. , 2020, , .		3
156	An Evolutionary Game for Mobile User Access Mode Selection in Sub-6 GHz/mmWave Cellular Networks. IEEE Transactions on Wireless Communications, 2022, 21, 5644-5657.	6.1	3
157	Communication Systems With Amplitude Detection: An Asymptotic Approach. IEEE Internet of Things Journal, 2022, 9, 18319-18332.	5.5	3
158	Cognitive Radio Enhancements for Legacy Networks Using Cooperative Diversity. , 2009, , .		2
159	An architecture for amplify-and-forward cooperative systems with real modulations. International Journal of Communication Systems, 2010, 23, 91-99.	1.6	2
160	Joint information and energy transfer for large-scale networks. , 2014, , .		2
161	Relay Selection in Cooperative Networks with Wireless Battery Charging. , 2015, , .		2
162	Passive loop interference suppression in large-scale full-duplex cellular networks. , 2015, , .		2

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163	Adaptive variable-length feedback using wireless power transfer for opportunistic beamforming. , 2016, , .		2
164	A green wireless powered sensor network: An experimental approach. , 2016, , .		2
165	Caching in large-scale cellular networks with D2D assistance. , 2017, , .		2
166	Hybrid wireless edge caching for relaying with spatial randomness. , 2017, , .		2
167	k-th Best Device Selection for Scheduling in Wireless Powered Communication Networks. , 2020, , .		2
168	Model-Driven Learning for Generic MIMO Downlink Beamforming With Uplink Channel Information. IEEE Transactions on Wireless Communications, 2022, 21, 2368-2382.	6.1	2
169	Threshold-Based Pair Switching Scheme in SWIPT-Enabled Wireless Downlink System. , 2021, , .		2
170	Multi-Dimensional Lorenz-Based Chaotic Waveforms for Wireless Power Transfer. IEEE Wireless Communications Letters, 2021, 10, 2800-2804.	3.2	2
171	The Capacity of SWIPT Systems over Rayleigh-Fading Channels with HPA. , 2021, , .		2
172	Information Energy Capacity Region for SWIPT Systems Over Rayleigh-Fading Channels. IEEE Transactions on Communications, 2023, 71, 1416-1429.	4.9	2
173	Non-orthogonal Amplify-and-Forward for block-fading channels. , 2008, , .		1
174	Stability analysis for cognitive radio with cooperative enhancements. , 2009, , .		1
175	A Feedback-Based Transmission for Wireless Networks with Energy and Secrecy Constraints. Eurasip Journal on Wireless Communications and Networking, 2011, 2011, .	1.5	1
176	User selection schemes for multiuser MISO downlink with eavesdropping. , 2013, , .		1
177	Alternative relaying for cooperative multiple-access channels in wireless vehicular networks. Eurasip Journal on Wireless Communications and Networking, 2014, 2014, .	1.5	1
178	Fair resource allocation in multiuser OFDMA downlink with passive eavesdropping. , 2014, , .		1
179	From wireless power transfer to wireless powered communications. , 2017, , .		1
180	Collision avoidance in wireless powered sensor networks with backscatter communications. , 2017, , .		1

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181	Full-Duplex Radio in mmWave Cellular Networks with Cell Center/Edge Users. , 2018, , .		1
182	An Integrated SWIPT Receiver Using Non-Coherent Detection Schemes. , 2018, , .		1
183	Distributed Estimation in Wireless Powered mmWave Networks with Random Beamforming. , 2018, , .		1
184	Finite Blocklength Analysis of the Multiple Access Relay Channel with Batch-and-Forward Strategy. , 2019, , .		1
185	Stability of a TDMA Network Subject to Finite Blocklength Constraints. , 2019, , .		1
186	Ambient RF Energy Harvesting with Non-Linearities in Large-Scale Networks. , 2019, , .		1
187	Cooperative Detection for mmWave Radar-Communication Systems. , 2020, , .		1
188	Fast Meta Learning for Adaptive Beamforming. , 2021, , .		1
189	Overview of Amplify-and-Forward Relaying. , 2010, , 29-61.		1
190	Estimation-Energy Tradeoff for Scalar Gaussi€Markov Signals With Kalman Filtering. IEEE Wireless Communications Letters, 2022, 11, 188-192.	3.2	1
191	On the Design of Magnetic Resonant Coupling for Wireless Power Transfer in Multicoil Networks. IEEE Wireless Communications Letters, 2022, 11, 406-410.	3.2	1
192	Frequency-Domain SWIPT and Modulation Classification: Design and Experimental Validation. IEEE Open Journal of the Communications Society, 2021, 2, 2581-2596.	4.4	1
193	RC Filter Design for Wireless Power Transfer: A Fourier Series Approach. IEEE Signal Processing Letters, 2022, 29, 597-601.	2.1	1
194	Cross-Layer Issues for Cooperative Networks. , 2008, , .		0
195	An Amplify-and-Forward architecture for low spectral efficiencies. , 2009, , .		0
196	A diversity analysis for block-fading Amplify-and-Forward systems. , 2009, , .		0
197	A low-cost non-coherent transmission for uncoded two-way relay channels. , 2011, , .		0
198	A novel relay-assisted protocol for cooperative multiple access networks. , 2012, , .		0

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199	Opportunistic relay selection for cooperative networks with buffers. , 2012, , .		0
200	Towards distributed transmission scheduling for wireless ad hoc networks. , 2012, , .		0
201	Medium access control via contention-based distributed power control. , 2012, , .		0
202	IEEE ISSPIT 2013: Message from the TPC chairs. , 2013, , .		0
203	Precoding decision for full-duplex X-relay channel with Decode-and-Forward. , 2014, , .		0
204	Physical layer secrecy for MISO channel with quantized feedback. , 2014, , .		0
205	Simultaneous wireless information and energy transfer for MIMO relay channel with antenna switching. , 2014, , .		0
206	Throughput maximization in multiantenna OFDMA downlink under secrecy rate constraints. , 2014, , .		0
207	Relay Selection in Cooperative Networks with Wireless Battery Charging. , 2014, , .		0
208	Minimizing Outage Probability by Exploiting CSI in Wireless Powered Cooperative Networks. , 2016, , .		0
209	Introduction to the Issue on Signal Processing for Exploiting Interference Toward Energy Efficient and Secure Wireless Communications. IEEE Journal on Selected Topics in Signal Processing, 2016, 10, 1331-1333.	7.3	0
210	System-Level Analysis for Full-Duplex MmWave Cellular Networks. , 2018, , .		0
211	Wireless Powered Cognitive Communications with Asynchronous Channel Access. , 2019, , .		0
212	Short Packet Communications in Large-Scale Wireless Powered Networks. , 2019, , .		0
213	Simultaneous Wireless Power Transfer and Modulation Classification. , 2021, , .		0
214	Meta Distribution-optimal Base Station Deployment for Finite-Area Mobile Networks. , 2021, , .		0
215	A Markov Chain Approach for Myopic Multi-Hop Relaying: Outage and Diversity Analysis. IEEE Journal on Selected Topics in Signal Processing, 2022, 16, 56-69.	7.3	0
216	OFDM Signaling for SWIPT Systems under High Power Amplifier Nonlinearities and Memory Effects. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
217	A Coverage Area-Based Cooperation Technique for SWIPT- Enabled Systems with Mobility. , 2021, , .		0