

Kwang-Cheng Chen

List of Publications by Year in descending order

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256
papers

6,804
citations

159358

30
h-index

91712

69
g-index

256
all docs

256
docs citations

256
times ranked

5867
citing authors

#	ARTICLE	IF	CITATIONS
1	Machine Learning Paradigms for Next-Generation Wireless Networks. IEEE Wireless Communications, 2017, 24, 98-105.	6.6	822
2	Toward ubiquitous massive accesses in 3GPP machine-to-machine communications. , 2011, 49, 66-74.		500
3	Thirty Years of Machine Learning: The Road to Pareto-Optimal Wireless Networks. IEEE Communications Surveys and Tutorials, 2020, 22, 1472-1514.	24.8	361
4	Ultra Reliable UAV Communication Using Altitude and Cooperation Diversity. IEEE Transactions on Communications, 2018, 66, 330-344.	4.9	309
5	A Survey on Spatial Modulation in Emerging Wireless Systems: Research Progresses and Applications. IEEE Journal on Selected Areas in Communications, 2019, 37, 1949-1972.	9.7	291
6	Medium access control of wireless LANs for mobile computing. IEEE Network, 1994, 8, 50-63.	4.9	229
7	Cooperative Access Class Barring for Machine-to-Machine Communications. IEEE Transactions on Wireless Communications, 2012, 11, 27-32.	6.1	226
8	Machine-to-machine communications: Technologies and challenges. Ad Hoc Networks, 2014, 18, 3-23.	3.4	197
9	Reliable Computation Offloading for Edge-Computing-Enabled Software-Defined IoV. IEEE Internet of Things Journal, 2020, 7, 7097-7111.	5.5	194
10	Massive Access Management for QoS Guarantees in 3GPP Machine-to-Machine Communications. IEEE Communications Letters, 2011, 15, 311-313.	2.5	159
11	On Receiver Design for Diffusion-Based Molecular Communication. IEEE Transactions on Signal Processing, 2014, 62, 6032-6044.	3.2	131
12	Architecture Harmonization Between Cloud Radio Access Networks and Fog Networks. IEEE Access, 2015, 3, 3019-3034.	2.6	108
13	Guaranteed quality-of-service wireless access to ATM networks. IEEE Journal on Selected Areas in Communications, 1997, 15, 106-118.	9.7	103
14	On Modeling Malware Propagation in Generalized Social Networks. IEEE Communications Letters, 2011, 15, 25-27.	2.5	93
15	Spectrum-Map-Empowered Opportunistic Routing for Cognitive Radio Ad Hoc Networks. IEEE Transactions on Vehicular Technology, 2014, 63, 2848-2861.	3.9	88
16	IEEE 802.11ax: Highly Efficient WLANs for Intelligent Information Infrastructure. , 2017, 55, 52-59.		84
17	On Quality-of-Service Provisioning in IEEE 802.11ax WLANs. IEEE Access, 2016, 4, 6086-6104.	2.6	80
18	From Technological Networks to Social Networks. IEEE Journal on Selected Areas in Communications, 2013, 31, 548-572.	9.7	76

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19	Information Fusion to Defend Intentional Attack in Internet of Things. IEEE Internet of Things Journal, 2014, 1, 337-348.	5.5	71
20	IEEE 802.11ax: Next generation wireless local area networks. , 2014, , .		67
21	Machine Learning for Wireless Communication Channel Modeling: An Overview. Wireless Personal Communications, 2019, 106, 41-70.	1.8	66
22	Performance analysis of IEEE 802.11 CSMA/CA medium access control protocol. , 0, , .		62
23	A Bayesian Overlapping Coalition Formation Game for Device-to-Device Spectrum Sharing in Cellular Networks. IEEE Transactions on Wireless Communications, 2015, 14, 4034-4051.	6.1	62
24	Optimal UAV Positioning for Terrestrial-Aerial Communication in Presence of Fading. , 2016, , .		60
25	Community-Structured Evolutionary Game for Privacy Protection in Social Networks. IEEE Transactions on Information Forensics and Security, 2018, 13, 574-589.	4.5	60
26	Big Data Analytics and Network Calculus Enabling Intelligent Management of Autonomous Vehicles in a Smart City. IEEE Internet of Things Journal, 2019, 6, 2021-2034.	5.5	60
27	Ultra-Low Latency Mobile Networking. IEEE Network, 2019, 33, 181-187.	4.9	58
28	Spectrum Aware Opportunistic Routing in Cognitive Radio Networks. , 2010, , .		55
29	Joint Sum-Rate and Power Gain Analysis of an Aerial Base Station. , 2016, , .		52
30	Identification of active users in synchronous CDMA multiuser detection. IEEE Journal on Selected Areas in Communications, 1998, 16, 1723-1735.	9.7	49
31	Cognitive Radio Network Tomography. IEEE Transactions on Vehicular Technology, 2010, 59, 1980-1997.	3.9	48
32	Interference analysis of nonpersistent CSMA with hidden terminals in multicell wireless data networks. , 0, , .		47
33	Socially enabled wireless networks: resource allocation via bipartite graph matching. , 2015, 53, 128-135.		45
34	Survey and Performance Evaluation of the Upcoming Next Generation WLANs Standard - IEEE 802.11ax. Mobile Networks and Applications, 2019, 24, 1461-1474.	2.2	45
35	Wireless Networked Multirobot Systems in Smart Factories. Proceedings of the IEEE, 2021, 109, 468-494.	16.4	44
36	A Resource Allocation Perspective on Caching to Achieve Low Latency. IEEE Communications Letters, 2016, 20, 145-148.	2.5	43

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37	Ultra-low-latency ubiquitous connections in heterogeneous cloud radio access networks. IEEE Wireless Communications, 2015, 22, 22-31.	6.6	41
38	Secondary Users Entering the Pool: A Joint Optimization Framework for Spectrum Pooling. IEEE Journal on Selected Areas in Communications, 2014, 32, 572-588.	9.7	40
39	Improving Spectrum Efficiency via In-Network Computations in Cognitive Radio Sensor Networks. IEEE Transactions on Wireless Communications, 2014, 13, 1222-1234.	6.1	35
40	Information Epidemics in Complex Networks with Opportunistic Links and Dynamic Topology. , 2010, , .		34
41	Efficiency of a Cognitive Radio Link with Opportunistic Interference Mitigation. IEEE Transactions on Wireless Communications, 2011, 10, 1715-1720.	6.1	31
42	Statistical QoS Control of Network Coded Multipath Routing in Large Cognitive Machine-to-Machine Networks. IEEE Internet of Things Journal, 2016, 3, 619-627.	5.5	30
43	Anticipatory Mobility Management by Big Data Analytics for Ultra-Low Latency Mobile Networking. , 2018, , .		30
44	Radio Resource Allocation in OFDMA Cognitive Radio Systems. , 2007, , .		29
45	Online Anticipatory Proactive Network Association in Mobile Edge Computing for IoT. IEEE Transactions on Wireless Communications, 2020, 19, 4519-4534.	6.1	28
46	Interference Analysis and Mitigation for Cognitive-Empowered Femtocells Through Stochastic Dual Control. IEEE Transactions on Wireless Communications, 2012, 11, 2065-2075.	6.1	27
47	Edge Intelligence for Mission-Critical 6G Services in Space-Air-Ground Integrated Networks. IEEE Network, 2022, 36, 181-189.	4.9	27
48	End-To-End HARQ in Cognitive Radio Networks. , 2010, , .		25
49	Enhance device-to-device communication with social awareness: a belief-based stable marriage game framework. IEEE Wireless Communications, 2016, 23, 36-44.	6.6	24
50	Cognitive and Opportunistic Relay for QoS Guarantees in Machine-to-Machine Communications. IEEE Transactions on Mobile Computing, 2016, 15, 599-609.	3.9	24
51	Performance Analysis of IEEE 802.11ax UL OFDMA-Based Random Access Mechanism. , 2017, , .		24
52	End-to-End Virtual MIMO Transmission in Ad Hoc Cognitive Radio Networks. IEEE Transactions on Wireless Communications, 2014, 13, 330-341.	6.1	23
53	Delay Guaranteed Network Association for Mobile Machines in Heterogeneous Cloud Radio Access Network. IEEE Transactions on Mobile Computing, 2018, 17, 2744-2760.	3.9	23
54	Vehicle-Centric Network Association in Heterogeneous Vehicle-to-Vehicle Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 5981-5996.	3.9	23

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55	Frequency-domain approach to multiuser detection in DS-CDMA communications. IEEE Communications Letters, 2000, 4, 331-333.	2.5	22
56	An Economic Aspect of Device-to-Device Assisted Offloading in Cellular Networks. IEEE Transactions on Wireless Communications, 2018, 17, 2289-2304.	6.1	22
57	Routing for cognitive radio networks consisting of opportunistic links. Wireless Communications and Mobile Computing, 2010, 10, 451-466.	0.8	20
58	Rate-Delay Enhanced Multipath Transmission Scheme via Network Coding in Multihop Networks. IEEE Communications Letters, 2012, 16, 281-283.	2.5	20
59	Spectrum sharing for device-to-device communications in cellular networks: A game theoretic approach. , 2014, , .		20
60	User Access Control in Open Radio Access Networks: A Federated Deep Reinforcement Learning Approach. IEEE Transactions on Wireless Communications, 2022, 21, 3721-3736.	6.1	20
61	Capacity of synchronous coded DS SFH and FFH spread-spectrum multiple-access for wireless local communications. IEEE Transactions on Communications, 1997, 45, 200-212.	4.9	19
62	Communication infrastructure of smart grid. , 2010, , .		19
63	Vehicular Radio Access to Unlicensed Spectrum. IEEE Wireless Communications, 2017, 24, 46-54.	6.6	19
64	Predicting the Path Loss of Wireless Channel Models Using Machine Learning Techniques in MmWave Urban Communications. , 2019, , .		18
65	Machine-Learning Beam Tracking and Weight Optimization for mmWave Multi-UAV Links. IEEE Transactions on Wireless Communications, 2021, 20, 5481-5494.	6.1	18
66	Medium access protocol design for delay-guaranteed multicode cdma multimedia networks. IEEE Transactions on Wireless Communications, 2003, 2, 1159-1167.	6.1	17
67	Multi-path routing with end-to-end statistical QoS Provisioning in Underlay Cognitive Radio Networks. , 2011, , .		17
68	Inter-operator spectrum sharing in future cellular systems. , 2012, , .		17
69	Operator's Economy of Device-to-Device Offloading in Underlying Cellular Networks. IEEE Communications Letters, 2017, 21, 865-868.	2.5	17
70	Power efficient topology control in wireless ad hoc networks. , 0, , .		16
71	Communication Theoretic Data Analytics. IEEE Journal on Selected Areas in Communications, 2015, 33, 663-675.	9.7	16
72	On Energy Saving in IEEE 802.11ax. IEEE Access, 2018, 6, 47546-47556.	2.6	16

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73	Context-Aware TDD Configuration and Resource Allocation for Mobile Edge Computing. IEEE Transactions on Communications, 2020, 68, 1118-1131.	4.9	16
74	Resource Allocation for Open-Loop Ultra-Reliable and Low-Latency Uplink Communications in Vehicular Networks. IEEE Transactions on Vehicular Technology, 2021, 70, 2590-2604.	3.9	16
75	Spectrum Sensing of OFDMA Systems for Cognitive Radios. , 2007, , .		15
76	Auction Based Spectrum Management of Cognitive Radio Networks. , 2009, , .		15
77	Phase Transition Diagram for Underlay Heterogeneous Cognitive Radio Networks. , 2010, , .		15
78	Congestion control for M2M traffic with heterogeneous throughput demands. , 2013, , .		15
79	Diffusion Models for Information Dissemination Dynamics in Wireless Complex Communication Networks. Journal of Complex Systems, 2013, 2013, 1-13.	0.7	15
80	A Technological Perspective on Information Cascades via Social Learning. IEEE Access, 2017, 5, 22605-22633.	2.6	15
81	Minimizing Age-of-Information for Fog Computing-supported Vehicular Networks with Deep Q-learning. , 2020, , .		15
82	Rate, Sub-Carrier, and Power Allocations for Multi-Carrier CDMA with LMMSE Multiuser Detection. IEEE Transactions on Wireless Communications, 2007, 6, 1574-1580.	6.1	14
83	Downlink capacity of two-tier cognitive femto networks. , 2010, , .		14
84	A Virtual MIMO Path-Time Code for Cognitive Ad Hoc Networks. IEEE Communications Letters, 2013, 17, 4-7.	2.5	14
85	Path-Permutation Codes for End-to-End Transmission in Ad Hoc Cognitive Radio Networks. IEEE Transactions on Wireless Communications, 2015, 14, 3309-3321.	6.1	14
86	Organizing an optimal cluster-based ad hoc network architecture by the modified Quine-McCluskey algorithm. IEEE Communications Letters, 2007, 11, 43-45.	2.5	13
87	Bayesian Hierarchical Mechanism Design for Cognitive Radio Networks. IEEE Journal on Selected Areas in Communications, 2015, 33, 986-1001.	9.7	13
88	SDVEC: Software-Defined Vehicular Edge Computing with Ultra-Low Latency. IEEE Communications Magazine, 2021, 59, 66-72.	4.9	13
89	Statistical traffic control for cognitive radio empowered LTE-Advanced with network MIMO. , 2011, , .		12
90	Ecology of Cognitive Radio Ad Hoc Networks. IEEE Communications Letters, 2011, 15, 764-766.	2.5	12

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91	Bounds and Exact Mean Node Degree and Node Isolation Probability in Interference-Limited Wireless Ad Hoc Networks With General Fading. IEEE Transactions on Vehicular Technology, 2012, 61, 2342-2348.	3.9	12
92	Low latency communication for Internet of Things. , 2015, , .		12
93	Wireless Communications Meets Artificial Intelligence: An Illustration by Autonomous Vehicles on Manhattan Streets. , 2018, , .		12
94	Wireless-Powered Device-to-Device-Assisted Offloading in Cellular Networks. IEEE Transactions on Green Communications and Networking, 2018, 2, 1012-1026.	3.5	12
95	Hypergraphical Real-Time Multirobot Task Allocation in a Smart Factory. IEEE Transactions on Industrial Informatics, 2022, 18, 6047-6056.	7.2	12
96	Multi-rate multi-carrier CDMA with multiuser detection for wireless multimedia communications. , 0, , .		11
97	Compressed Sensing Construction of Spectrum Map for Routing in Cognitive Radio Networks. , 2011, , .		11
98	Mitigation of Macro-Femto Co-Channel Interference by Spatial Channel Separation. , 2011, , .		11
99	Cooperative spectrum sharing economy for heterogeneous wireless networks. , 2011, , .		11
100	Fair Adaptive Radio Resource Allocation of Mobile OFDMA. , 2006, , .		10
101	Estimation of Stationary Phase Noise by the Autocorrelation of the ICI Weighting Function in OFDM Systems. IEEE Transactions on Wireless Communications, 2006, 5, 3370-3374.	6.1	10
102	A Predator-Prey Model for Dynamics of Cognitive Radios. IEEE Communications Letters, 2013, 17, 467-470.	2.5	10
103	Optimal radio access for fully packet-switching 5G networks. , 2015, , .		10
104	Collaborative radio access of heterogeneous cloud radio access networks and edge computing networks. , 2016, , .		10
105	Wireless Robotic Communication for Collaborative Multi-Agent Systems. , 2019, , .		10
106	A linear minimum mean square error multiuser receiver in Rayleigh-fading channels. IEEE Journal on Selected Areas in Communications, 1996, 14, 1583-1594.	9.7	9
107	Timing estimation of code division multiple access multiuser communication. , 0, , .		9
108	Internetworking between HIPERLAN/2 and UMTS. Wireless Personal Communications, 2003, 26, 179-202.	1.8	9

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109	On The Distance Distributions of The Wireless Ad Hoc Networks. , 0, , .		9
110	Statistical Dissemination Control in Large Machine-to-Machine Communication Networks. IEEE Transactions on Wireless Communications, 2015, 14, 1897-1910.	6.1	9
111	Exploiting NOMA into socially enabled computation offloading. , 2017, , .		9
112	Multi-UAV mmWave Beam Tracking using Q-Learning and Interference Mitigation. , 2020, , .		9
113	Ultra-Reliable and Low-Latency Communications Using Proactive Multi-Cell Association. IEEE Transactions on Communications, 2021, 69, 3879-3897.	4.9	9
114	Generalized tree multiple access protocols in packet switching networks. , 0, , .		8
115	Novel Rate-Distance Adaptation of Multiple Access Protocols in Cognitive Radio. , 2007, , .		8
116	Multiple Systems Sensing for Cognitive Radio Networks over Rayleigh Fading Channel. IEEE Vehicular Technology Conference, 2008, , .	0.2	8
117	Statistical inference in cognitive radio networks. , 2009, , .		8
118	Optimal Cooperative ALOHA Multiple Access in Fading Channels. IEEE Communications Letters, 2010, 14, 779-781.	2.5	8
119	Broadcast Transmission Capacity of Heterogeneous Wireless Ad Hoc Networks with Secrecy Outage Constraints. , 2011, , .		8
120	Upper Bound on Broadcast Transmission Capacity of Heterogeneous Wireless Ad hoc Networks. IEEE Communications Letters, 2011, 15, 1172-1174.	2.5	8
121	Social Network Analysis Facilitates Cognition in Large Wireless Networks: Clustering Coefficient Aided Geographical Routing. IEEE Transactions on Cognitive Communications and Networking, 2018, 4, 618-634.	4.9	8
122	Reciprocal spectrum sharing game and mechanism in cellular systems with Cognitive Radio users. , 2011, , .		7
123	Intentional Attack and Fusion-Based Defense Strategy in Complex Networks. , 2011, , .		7
124	Small-world networks empowered large machine-to-machine communications. , 2013, , .		7
125	An Efficient Radio Resource Re-Allocation Scheme for Delay Guaranteed Vehicle-to-Vehicle Network. , 2016, , .		7
126	Energy-Efficient Virtual Resource Allocation in OFDMA Systems. , 2016, , .		7

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127	Downlink Multiuser Detection in the Virtual Cell-Based Ultra-Low Latency Vehicular Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 4651-4666.	3.9	7
128	A unified algorithm for wireless MAC protocols. , 0, , .		6
129	Co-channel interference suppression for coded OFDM systems over frequency-selective slowly fading channels. , 0, , .		6
130	Estimation of Wiener Phase Noise by the Autocorrelation of the ICI Weighting Function in OFDM Systems. , 0, , .		6
131	Layerless Design of A Power-efficient Clustering Algorithm for Wireless Ad Hoc Networks under Fading. Wireless Personal Communications, 2008, 44, 3-26.	1.8	6
132	Statistical delay control of opportunistic links in cognitive radio networks. , 2010, , .		6
133	In-Network Computations of Machine-to-Machine Communications for Wireless Robotics. Wireless Personal Communications, 2013, 70, 1097-1119.	1.8	6
134	Information Centric Sensor Network Management Via Community Structure. IEEE Communications Letters, 2015, 19, 767-770.	2.5	6
135	Open-Loop End-to-End Transmission for Multihop Opportunistic Networks With Energy-Harvesting Devices. IEEE Transactions on Communications, 2016, 64, 2860-2872.	4.9	6
136	Virtual Cells and Virtual Networks Enable Low-Latency Vehicle-to-Vehicle Communication. , 2017, , .		6
137	Machine Learning Enables Predictive Resource Recommendation for Minimal Latency Mobile Networking. , 2021, , .		6
138	Group randomly addressed polling with reservation for wireless integrated service networks. , 0, , .		5
139	Performance of group randomly addressed polling with reservation in wireless integrated service networks. , 0, , .		5
140	Linear timing acquisition scheme in DS-CDMA communication system. , 0, , .		5
141	Radio Resource Tomography of Cognitive Radio Networks. , 2009, , .		5
142	Distributed Spectrum Sharing in Cognitive Radio Networks - Game Theoretical View. , 2010, , .		5
143	Optimal Control of Epidemic Information Dissemination in Mobile Ad Hoc Networks. , 2011, , .		5
144	Rateâ€‘Reliabilityâ€‘Delay Tradeoff of Multipath Transmission Using Network Coding. IEEE Transactions on Vehicular Technology, 2012, 61, 2336-2342.	3.9	5

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145	Stochastic topology cognition in heterogeneous networks. , 2013, , .		5
146	Privacy protection: A community-structured evolutionary game approach. , 2016, , .		5
147	Network Analysis of Collaborative Cyber-Physical Multi-Agent Smart Manufacturing Systems : Invited Paper. , 2019, , .		5
148	Efficient 3D Placement of Access Points in an Aerial Wireless Network. , 2019, , .		5
149	Delay Guaranteed Joint User Association and Channel Allocation for Fog Radio Access Networks. IEEE Transactions on Wireless Communications, 2021, 20, 3723-3733.	6.1	5
150	Linear multiuser detectors for synchronous CDMA communication over Rayleigh fading channels. , 0, , .		4
151	Randomly addressed polling with imperfect physical transmission. , 0, , .		4
152	Adaptive control strategy for the multi-layer collision resolution protocol. , 0, , .		4
153	Reverse link pilot-tones aided synchronization in DS-CDMA communication system. , 0, , .		4
154	Design and analysis of the multiple access protocols over the CATV/HFC networks. , 0, , .		4
155	Pilot-signal aided multiuser timing estimation in DS-CDMA communications. , 0, , .		4
156	Rate, Sub-Carrier, and Power Allocations for Multi-Carrier CDMA with LMMSE Multiuser Detections. , 0, , .		4
157	Multiuser Common Phase Error Estimation for Uplink OFDMA Communications. , 2007, , .		4
158	Organizing Power Efficient Cluster-Based Network Architectures for Wireless Ad Hoc Networks. IEEE Vehicular Technology Conference, 2007, , .	0.2	4
159	Spectrum map retrieval using cognitive radio network tomography. , 2011, , .		4
160	Transmission latency and reliability trade-off in path-time coded cognitive radio ad hoc networks. , 2014, , .		4
161	Information cascades in social networks via dynamic system analyses. , 2015, , .		4
162	Steering information cascades in a social system by selective rewiring and incentive seeding. , 2016, , .		4

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163	Energy Efficient D2D-Assisted Offloading with Wireless Power Transfer. , 2017, , .		4
164	Energy efficiency of stratosphere heterogeneous wireless networks. Physical Communication, 2019, 34, 19-26.	1.2	4
165	Two-Stage ICI Suppression in the Downlink of Asynchronous URLLC. IEEE Transactions on Wireless Communications, 2020, 19, 2785-2799.	6.1	4
166	Guaranteed quality-of-service wireless medium access by packet-by-packet generalized processor sharing algorithm. , 0, , .		4
167	Predictive Wireless Channel Modeling of MmWave Bands Using Machine Learning. Electronics (Switzerland), 2021, 10, 3114.	1.8	4
168	Control of Electromagnetic Radiation on Coexisting Smart Radio Environment. IEEE Open Journal of the Communications Society, 2022, 3, 557-573.	4.4	4
169	Quantum Embedding Search for Quantum Machine Learning. IEEE Access, 2022, 10, 41444-41456.	2.6	4
170	Machine Learning Enables Radio Resource Allocation in the Downlink of Ultra-Low Latency Vehicular Networks. IEEE Access, 2022, 10, 44710-44723.	2.6	4
171	Energy-efficient multiple access protocol design. IEEE Communications Letters, 1998, 2, 334-336.	2.5	3
172	Service curve proportional sharing algorithm for service-guaranteed multiaccess in integrated-service distributed networks. , 0, , .		3
173	Multi-rate MC-DS-CDMA with multiuser detections for wireless multimedia communications. , 0, , .		3
174	A green software-defined communication processor for dynamic spectrum access. , 2010, , .		3
175	Degree Distribution in Interference-Limited Heterogeneous Wireless Networks and Its Generalizations. , 2011, , .		3
176	Interference cancellation in heterogeneous networks. , 2013, , .		3
177	To hop or not to hop in massive machine-to-machine communications. , 2013, , .		3
178	Sparse PCA via hard thresholding for blind source separation. , 2016, , .		3
179	Social learning for resilient data fusion against data falsification attacks. Computational Social Networks, 2018, 5, 10.	2.1	3
180	Communication Methodology to Control a Distributed Multi-Agent System. , 2019, , .		3

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181	Relay Selection for 5G New Radio Via Artificial Neural Networks. , 2019, , .		3
182	Collaborative Partially-Observable Reinforcement Learning Using Wireless Communications. , 2021, , .		3
183	Generalized Path-Permutation Codes for Reliable End-to-End Networking of Opportunistic Links. IEEE Transactions on Wireless Communications, 2020, 19, 4579-4593.	6.1	3
184	Network Architecture for Machine Learning: A Network Operator's Perspective. IEEE Communications Magazine, 2022, 60, 68-74.	4.9	3
185	Noncoherent DLL and TDL PN code tracking loops in Rayleigh fading channels. , 0, , .		2
186	A combined polling and random access protocol for integrated voice and data wireless networks. , 0, , .		2
187	On the multiuser information theory for wireless networks with interference. , 0, , .		2
188	A dynamic control scheme for the IEEE 802.14 draft MAC protocol over CATV/HFC networks. IEEE Communications Letters, 1998, 2, 197-199.	2.5	2
189	Power allocation for multi-rate multiuser detection in wideband CDMA systems. , 1999, , .		2
190	A novel channel interference identification. , 0, , .		2
191	Data-aided maximum likelihood frequency synchronization for OFDM systems. , 0, , .		2
192	FFH-BFSK multiuser detection in uncoordinated narrow-band FH systems. , 0, , .		2
193	Trellis-coded DS/CDMA multiuser communications. , 2004, , .		2
194	Decision-Prediction Sensor Fusion for Intelligent Mobile Device Navigation. , 2009, , .		2
195	Energy efficient OFDMA: Trade-off between computation and transmission energy. , 2011, , .		2
196	Time synchronization in heterogeneous wireless networks. , 2012, , .		2
197	Social Learning Against Data Falsification in Sensor Networks. Studies in Computational Intelligence, 2018, , 704-716.	0.7	2
198	Rate-Delay Analysis of Radio Access Network Slices. , 2018, , .		2

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199	Low Complexity Multiuser Detection in the Downlink of Ultra-Low Latency Virtual-Cell Based Vehicular Networks. , 2018, , .		2
200	The Game Theoretic Consensus in a Networked Multi-Agent System. , 2018, , .		2
201	Downlink Multiuser Detection of Ultra-Low Latency Virtual-Cell Vehicular Networks. , 2018, , .		2
202	Pseudo Whitening of Intercarrier Interference in the Asynchronous URLLC Downlink. , 2019, , .		2
203	Low Complexity Carrier Frequency Offset and Channel Estimation for Multiuser OFDMA Networks. Wireless Personal Communications, 2021, 120, 2813.	1.8	2
204	Guest Editorial Computational Social Systems for COVID-19 Emergency Management and Beyond. IEEE Transactions on Computational Social Systems, 2021, 8, 928-929.	3.2	2
205	A general multi-layer collision resolution multiple access protocol for wireless networks. , 0, , .		1
206	Joint synchronization and data detection digital receiver for direct sequence spread spectrum systems. , 0, , .		1
207	Optimization of generalized tree protocols with capture. , 0, , .		1
208	A frequency domain approach to timing estimation in multiuser communications. , 0, , .		1
209	Root-MUSIC based joint identification and timing estimation of asynchronous CDMA system over Rayleigh fading channel. , 0, , .		1
210	Joint linear timing and carrier phase estimation of DS-CDMA multiuser communications. , 0, , .		1
211	MMSE multiuser detection for multi-rate wideband CDMA communications. , 0, , .		1
212	Multiuser detection for multi-rate CDMA in multi-path fading channels. , 0, , .		1
213	Priority polling with reservation wireless access protocol for multimedia ad hoc networks. , 0, , .		1
214	Topology control in multi-channel cognitive radio networks with non-uniform node arrangements. , 2011, , .		1
215	Exploring terabit wireless potential of Wavelength Division Multiplexing. , 2011, , .		1
216	Spectrum Map Empowered Resource Management for QoS Guarantees in Multi-Tier Cellular Networks. , 2011, , .		1

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217	Iterative tracking the minimum of overall energy consumption in OFDMA systems. , 2011, , .		1
218	Geometric design of cooperative spectrum sensing for cognitive radios. , 2013, , .		1
219	Spatial distributed dynamic spectrum access. , 2013, , .		1
220	Interference Mitigation in CR-Enabled Heterogeneous Networks. IEICE Transactions on Communications, 2013, E96.B, 1230-1242.	0.4	1
221	Cognition on the networked data of stochastic topology. , 2014, , .		1
222	Green Traffic Compression in Wireless Sensor Networks. , 2014, , .		1
223	Throughput in A Cooperative Network and Channel State Information. Wireless Personal Communications, 2015, 81, 1481-1510.	1.8	1
224	Quality of experience in dense CSMA networks. , 2015, , .		1
225	Asymmetric normalization aided information diffusion for socially-aware mobile networks. , 2017, , .		1
226	A New Social Network Model of Online Forums. , 2017, , .		1
227	Toward Holistic Integration of Computing and Wireless Networking. IFIP Advances in Information and Communication Technology, 2020, , 219-234.	0.5	1
228	Distributed Coordination by Social Learning in the Multi-Robot Systems of a Smart Factory. , 2021, , .		1
229	Guaranteed quality-of-services wireless access to broadband networks. , 0, , .		0
230	A novel pure digital signal processing noncoherent receiver based on filter bank realization for frequency shift keying. , 0, , .		0
231	Capacity of synchronous coded DS- SFH- and FFB-SSMA for wireless local communications. , 0, , .		0
232	Efficient end-to-end authentication protocols for mobile networks. , 0, , .		0
233	Fully digital joint phase recovery, timing synchronization and data sequence demodulation. , 0, , .		0
234	On the coexistence of N-CDMA and analog FM/FDMA cellular telephone systems in adjacent spectrum. , 0, , .		0

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