

Dong-Ho Cho

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214
papers

2,957
citations

24
h-index

49
g-index

322
ext. papers

3,858
ext. citations

4
avg, IF

5.75
L-index

#	Paper	IF	Citations
214	Design and Implementation of Shaped Magnetic-Resonance-Based Wireless Power Transfer System for Roadway-Powered Moving Electric Vehicles. <i>IEEE Transactions on Industrial Electronics</i> , 2014 , 61, 1179-1192	8.9	476
213	Coil Design and Shielding Methods for a Magnetic Resonant Wireless Power Transfer System. <i>Proceedings of the IEEE</i> , 2013 , 101, 1332-1342	14.3	252
212	Deep Power Control: Transmit Power Control Scheme Based on Convolutional Neural Network. <i>IEEE Communications Letters</i> , 2018 , 22, 1276-1279	3.8	142
211	Fairness-Aware Adaptive Resource Allocation Scheme in Multihop OFDMA Systems. <i>IEEE Communications Letters</i> , 2007 , 11, 134-136	3.8	111
210	Deep Learning-Aided SCMA. <i>IEEE Communications Letters</i> , 2018 , 22, 720-723	3.8	105
209	A Joint Power and Subchannel Allocation Scheme Maximizing System Capacity in Indoor Dense Mobile Communication Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2010 , 59, 4340-4353	6.8	104
208	A Novel PAPR Reduction Scheme for OFDM System Based on Deep Learning. <i>IEEE Communications Letters</i> , 2018 , 22, 510-513	3.8	99
207	Design and implementation of a simulator based on a cross-layer protocol between MAC and PHY layers in a WiBro Compatible.IEEE 802.16e OFDMA system 2005 , 43, 136-146		99
206	Deep Cooperative Sensing: Cooperative Spectrum Sensing Based on Convolutional Neural Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2019 , 68, 3005-3009	6.8	84
205	An enhanced uplink scheduling algorithm based on voice activity for VoIP services in IEEE 802.16d/e system. <i>IEEE Communications Letters</i> , 2005 , 9, 691-693	3.8	60
204	Decentralized power control scheme in femtocell networks: A game theoretic approach 2009 ,		54
203	Transmit Power Control Using Deep Neural Network for Underlay Device-to-Device Communication. <i>IEEE Wireless Communications Letters</i> , 2019 , 8, 141-144	5.9	46
202	Enhanced Spectrum Sensing Scheme in Cognitive Radio Systems With MIMO Antennae. <i>IEEE Transactions on Vehicular Technology</i> , 2011 , 60, 1072-1085	6.8	41
201	Analysis of Wireless Power Transfer for Adjustable Power Distribution among Multiple Receivers. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2015 , 14, 950-953	3.8	38
200	Performance Evaluation of Energy-Saving Mechanism Based on Probabilistic Sleep Interval Decision Algorithm in IEEE 802.16e. <i>IEEE Transactions on Vehicular Technology</i> , 2007 , 56, 1773-1780	6.8	37
199	Cooperative Resource Allocation for Guaranteeing Intercell Fairness in Femtocell Networks. <i>IEEE Communications Letters</i> , 2011 , 15, 214-216	3.8	36
198	Stability Improvement of Transmission Efficiency Based on a Relay Resonator in a Wireless Power Transfer System. <i>IEEE Transactions on Power Electronics</i> , 2017 , 32, 3297-3300	7.2	35

197	Novel Handoff Decision Algorithm in Hierarchical Macro/Femto-Cell Networks 2010 ,		33
196	Energy Efficient Beamforming and Power Allocation in Dynamic TDD Based C-RAN System. <i>IEEE Communications Letters</i> , 2015 , 19, 1806-1809	3.8	30
195	Efficient resource allocation for rapid link recovery and visibility in visible-light local area networks. <i>IEEE Transactions on Consumer Electronics</i> , 2010 , 56, 524-531	4.8	30
194	Seamless Handoff Scheme Based on Pre-registration and Pre-authentication for UMTS/WLAN Interworking. <i>Wireless Personal Communications</i> , 2007 , 41, 345-364	1.9	29
193	Resource Allocation Scheme for Minimizing Power Consumption in OFDM Multicast Systems. <i>IEEE Communications Letters</i> , 2007 , 11, 486-488	3.8	28
192	Deep Learning Based Transmit Power Control in Underlaid Device-to-Device Communication. <i>IEEE Systems Journal</i> , 2019 , 13, 2551-2554	4.3	26
191	Extended-rtPS Algorithm for VoIP Services in IEEE 802.16 systems 2006 ,		24
190	Hybrid Power Saving Mechanism for VoIP Services with Silence Suppression in IEEE 802.16e Systems. <i>IEEE Communications Letters</i> , 2007 , 11, 455-457	3.8	22
189	. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2016 , 17, 1183-1188	6.1	21
188	Enhanced Group Handover Scheme in Multiaccess Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2011 , 60, 2389-2395	6.8	21
187	CoBRA: Cooperative Beamforming-Based Resource Allocation for Self-Healing in SON-Based Indoor Mobile Communication System. <i>IEEE Transactions on Wireless Communications</i> , 2013 , 12, 5520-5528	9.6	20
186	Inter-Cluster Interference Management Based on Cell-Clustering in Network MIMO Systems 2011 ,		20
185	New access scheme for VoIP packets in IEEE 802.11e wireless LANs. <i>IEEE Communications Letters</i> , 2005 , 9, 667-669	3.8	19
184	An efficient uplink scheduling algorithm for VoIP services in IEEE 802.16 BWA systems		18
183	Performance analysis of DS/SSMA unslotted ALOHA system with variable length data traffic. <i>IEEE Journal on Selected Areas in Communications</i> , 2001 , 19, 2215-2224	14.2	18
182	Maximizing the Capacity of Magnetic Induction Communication for Embedded Sensor Networks in Strongly and Loosely Coupled Regions. <i>IEEE Transactions on Magnetics</i> , 2013 , 49, 5055-5062	2	17
181	On optimum timer value of area and timer-based location registration scheme. <i>IEEE Communications Letters</i> , 2001 , 5, 148-150	3.8	16
180	Mobile Data Offloading With Almost Blank Subframe in LTE-LAA and Wi-Fi Coexisting Networks Based on Coalition Game. <i>IEEE Communications Letters</i> , 2017 , 21, 608-611	3.8	15

179	Proportional Fair Energy-Efficient Resource Allocation in Energy-Harvesting-Based Wireless Networks. <i>IEEE Systems Journal</i> , 2018 , 12, 2106-2116	4.3	15
178	Group location management for mobile subscribers on transportation systems in mobile communication networks. <i>IEEE Transactions on Vehicular Technology</i> , 2004 , 53, 181-191	6.8	15
177	Fast handover scheme for real-time downlink services in IEEE 802.16e BWA system		15
176	Reducing Inter-Cell Handover Events based on Cell ID Information in Multi-hop Relay Systems. <i>IEEE Vehicular Technology Conference</i> , 2007 ,	0.1	14
175	Random Linear Network Coding Based on Non-Orthogonal Multiple Access in Wireless Networks. <i>IEEE Communications Letters</i> , 2015 , 19, 1273-1276	3.8	13
174	Timer-based broadcasting for power-aware routing in power-controlled wireless ad hoc networks. <i>IEEE Communications Letters</i> , 2005 , 9, 222-224	3.8	13
173	Feasibility study and spatial-temporal characteristics analysis for 28 GHz outdoor wireless channel modelling. <i>IET Communications</i> , 2016 , 10, 2352-2362	1.3	12
172	Efficient Cell-Clustering Algorithm for Inter-Cluster Interference Mitigation in Network MIMO Systems. <i>IEEE Communications Letters</i> , 2011 , 15, 326-328	3.8	12
171	Interference Mitigation Based on Femtocells Grouping in Low Duty Operation 2010 ,		12
170	A joint power and subchannel allocation scheme maximizing system capacity in dense femtocell downlink systems 2009 ,		11
169	On the use of a power-saving mode for mobile VoIP devices and its performance evaluation. <i>IEEE Transactions on Consumer Electronics</i> , 2009 , 55, 1537-1545	4.8	11
168	CQI Feedback Reduction Based on Spatial Correlation in OFDMA System 2008 ,		11
167	Performance analysis of a DS/SSMA unslotted ALOHA system with two user classes. <i>IEEE Transactions on Vehicular Technology</i> , 2002 , 51, 1628-1639	6.8	11
166	Performance Analysis of Priority-Based Access Class Barring Scheme for Massive MTC Random Access. <i>IEEE Systems Journal</i> , 2020 , 14, 5245-5252	4.3	11
165	User-cooperation scheme based on clustering for energy efficiency in cellular networks with D2D communication 2014 ,		10
164	Downlink Resource Allocation Scheme for Smart Antenna Based V2V2I Communication System 2011 ,		10
163	Combination of Dynamic-TDD and Static-TDD Based on Adaptive Power Control 2008 ,		10
162	QoS Provisioning Spectrum Management Based on Intelligent Matching and Reservation for Cognitive Radio System 2007 ,		10

161	Channel adaptive CQI reporting schemes for HSDPA systems. <i>IEEE Communications Letters</i> , 2006 , 10, 459-461	3.8	10
160	Macrocell/microcell selection schemes based on a new velocity estimation in multitier cellular system. <i>IEEE Transactions on Vehicular Technology</i> , 2002 , 51, 893-903	6.8	10
159	A new MAC algorithm based on reservation and scheduling for energy-limited ad-hoc networks. <i>IEEE Transactions on Consumer Electronics</i> , 2003 , 49, 135-141	4.8	10
158	Adaptive random channel allocation scheme in HIPERLAN type 2. <i>IEEE Communications Letters</i> , 2002 , 6, 40-42	3.8	10
157	On the Low-Complexity Resource Allocation for Self-Healing With Reduced Message Passing in Indoor Wireless Communication Systems. <i>IEEE Transactions on Wireless Communications</i> , 2016 , 15, 2080-2089	9.6	9
156	Load Based Cell Selection Algorithm for Faulted Handover in Indoor Femtocell Network 2011 ,		9
155	Enhanced power saving through increasing unavailability interval in the IEEE 802.16e systems. <i>IEEE Communications Letters</i> , 2010 , 14, 24-26	3.8	9
154	Group location tracking based on representative identity and virtual VLR for transportation systems. <i>IEEE Communications Letters</i> , 2001 , 5, 349-351	3.8	9
153	New Cooperation-Based Channel State Acquisition Scheme for Ad Hoc Cognitive Radio Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2013 , 62, 3325-3338	6.8	8
152	REMiner-II: a tool for rapid identification and configuration of repetitive element arrays from large mammalian chromosomes as a single query. <i>Genomics</i> , 2012 , 100, 131-40	4.3	8
151	A seamless handoff scheme for UMTS-WLAN interworking		8
150	Performance evaluation of soft handoff for multimedia services in intelligent transportation systems based on CDMA. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2003 , 4, 189-197	6.1	8
149	ConvAE: A New Channel Autoencoder Based on Convolutional Layers and Residual Connections. <i>IEEE Communications Letters</i> , 2019 , 23, 1769-1772	3.8	7
148	Simultaneous Information and Power Transfer Using Magnetic Resonance. <i>ETRI Journal</i> , 2014 , 36, 808-814	8.4	7
147	Traffic density based power control scheme for femto AP 2010 ,		7
146	An enhanced packet scheduling algorithm combined with HARQ for HSDPA system. <i>IEEE Communications Letters</i> , 2008 , 12, 247-249	3.8	7
145	Hierarchical Constellation Based Adaptive Relay Scheme in Multi-Hop Networks. <i>IEEE Communications Letters</i> , 2007 , 11, 225-227	3.8	7
144	An analytical model for reverse link rate control in cdma2000 1xEV-DO systems. <i>IEEE Communications Letters</i> , 2005 , 9, 270-272	3.8	7

143	Performance Analysis on Coexistence of EDCA and Legacy DCF Stations in IEEE 802.11 Wireless LANs. <i>IEEE Transactions on Wireless Communications</i> , 2006 , 5, 3355-3359	9.6	7
142	Performance analysis of channel-borrowing handoff scheme based on user mobility in CDMA cellular systems. <i>IEEE Transactions on Vehicular Technology</i> , 2000 , 49, 2276-2285	6.8	7
141	Access scheme for integrated voice/data transmissions over common packet channel in 3GPP. <i>IEEE Communications Letters</i> , 2001 , 5, 46-48	3.8	7
140	Optimal Design of Wireless Charging Electric Bus System Based on Reinforcement Learning. <i>Energies</i> , 2019 , 12, 1229	3.1	6
139	Fairness-Aware Cooperative Resource Allocation for Self-Healing in SON-based Indoor System. <i>IEEE Communications Letters</i> , 2012 , 16, 1030-1033	3.8	6
138	Simultaneous RTS and Sequential CTS Considering Multiple Cooperative Relays. <i>IEEE Transactions on Vehicular Technology</i> , 2013 , 62, 2369-2374	6.8	6
137	REMiner: a tool for unbiased mining and analysis of repetitive elements and their arrangement structures of large chromosomes. <i>Genomics</i> , 2011 , 98, 381-9	4.3	6
136	Downlink Power Control Scheme for Smart Antenna Based Wireless Systems 2010 ,		6
135	A New Neighbor Discovery Scheme Based on Spatial Correlation of Wireless Channel 2009 ,		6
134	Concurrent spectrum sensing and data transmission scheme in a CR system 2012 ,		6
133	On the Use of Ad Hoc Cooperation for Seamless Vertical Handoff and Its Performance Evaluation. <i>Mobile Networks and Applications</i> , 2010 , 15, 750-766	2.9	6
132	Adaptive beacon listening protocol for a TCP connection in slow-start phase in WLAN. <i>IEEE Communications Letters</i> , 2005 , 9, 853-855	3.8	6
131	New clustering schemes for energy conservation in two-tiered mobile ad hoc networks. <i>IEEE Transactions on Vehicular Technology</i> , 2002 , 51, 1661-1668	6.8	6
130	A new routing scheme concerning power-saving in mobile ad-hoc networks		6
129	A new routing scheme concerning energy conservation in wireless home ad-hoc networks. <i>IEEE Transactions on Consumer Electronics</i> , 2001 , 47, 1-5	4.8	6
128	Genome classification improvements based on k-mer intervals in sequences. <i>Genomics</i> , 2019 , 111, 1574-1582	4.5	6
127	Proportional Fair Resource Allocation in Energy Harvesting-Based Wireless Networks. <i>IEEE Systems Journal</i> , 2018 , 12, 2399-2402	4.3	5
126	DiBA: Distributed Bottleneck Alleviation Scheme in Wireless Multi-Hop Sensor Networks. <i>IEEE Communications Letters</i> , 2014 , 18, 431-434	3.8	5

125	Large interrelated clusters of repetitive elements (REs) and RE arrays predominantly represent reference mouse chromosome Y. <i>Chromosome Research</i> , 2013 , 21, 15-26	4.4	5
124	Low frequency electromagnetic field reduction techniques for the On-Line Electric Vehicle (OLEV) 2010 ,		5
123	Modelling and Analysis of ARQ Mechanisms for Wireless Multi-Hop Relay System. <i>IEEE Vehicular Technology Conference</i> , 2008 ,	0.1	5
122	An Efficient ARQ mechanism in Multi-Hop Relay Systems Based on IEEE 802.16 OFDMA. <i>Vehicular Technology Conference-Fall (VTC-FALL), Proceedings, IEEE</i> , 2007 ,		5
121	Enhanced adaptive modulation and coding schemes based on multiple channel reportings for wireless multicast systems		5
120	An enhanced channel-quality indication (CQI) reporting scheme for HSDPA systems. <i>IEEE Communications Letters</i> , 2005 , 9, 432-434	3.8	5
119	A multiple access collision avoidance protocol for multicast services in mobile ad hoc networks. <i>IEEE Communications Letters</i> , 2003 , 7, 508-510	3.8	5
118	Estimation and Compensation for RF Chain Mismatch in UCA OAM Radio Systems. <i>IEEE Communications Letters</i> , 2018 , 22, 2274-2277	3.8	5
117	Cancer-Related Gene Signature Selection Based on Boosted Regression for Multilayer Perceptron. <i>IEEE Access</i> , 2020 , 8, 64992-65004	3.5	4
116	Performance Evaluation of Partially Clustered Access Scheme for Massive Machine Type Communications. <i>IEEE Communications Letters</i> , 2020 , 24, 626-629	3.8	4
115	Measurements and Analysis of Radio Propagation at 28 GHz in Vegetated Areas of Typical Residential Environments. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 4149-4154	4.9	4
114	Limited Feedback Hybrid Beamforming Based on Dual Polarized Array Antenna. <i>IEEE Communications Letters</i> , 2018 , 22, 1486-1489	3.8	4
113	Novel Fastest Retransmission and Rate Control Schemes for Improving TCP Performance in Wireless Ad Hoc Networks. <i>Wireless Personal Communications</i> , 2014 , 75, 557-567	1.9	4
112	Capacity Analysis of Neuro-spike Communication System for Nanonetworks. <i>Procedia Computer Science</i> , 2014 , 37, 428-433	1.6	4
111	Seamless spectrum handover improving cell outage in cognitive radio systems 2009 ,		4
110	Sensing Optimization Considering Sensing Capability of Cognitive Terminal in Cognitive Radio System 2008 ,		4
109	Cognition Based Seamless Transmissions by Using Underlay-Overlay Switching Method in Future Wireless Communication System 2007 ,		4
108	Capacity enhancement of uplink channel through spatial reuse in multihop cellular networks. <i>IEEE Communications Letters</i> , 2006 , 10, 76-78	3.8	4

107	An integrated mobility management scheme in IPv6 based wireless networks		4
106	Takeover: a new vertical handover concept for next-generation heterogeneous networks		4
105	A Novel Synchronous Duplexing Method for Long Distance Wireless Backhaul System. <i>IEEE Wireless Communications Letters</i> , 2019 , 8, 761-764	5.9	3
104	A Fuzzy Logic Based Electric Vehicle Scheduling in Smart Charging Network 2019 ,		3
103	Analysis of Pattern Gain of Compact Directional 16-port Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2015 , 14, 902-905	3.8	3
102	Asynchronous Detection Algorithm for Diffusion-Based Molecular Communication in Timing Modulation Channel. <i>IEEE Communications Letters</i> , 2015 , 19, 2114-2117	3.8	3
101	Novel Single-RF MIMO System Based on Repetitive Pulse Width Modulation. <i>IEEE Communications Letters</i> , 2016 , 20, 165-168	3.8	3
100	Dual Polarized UCA-Based OAM Multi-Mode Transmission with Inter-Mode Spreading 2018 ,		3
99	Fair Clustering for Energy Efficiency in a Cooperative Wireless Sensor Network 2012 ,		3
98	Group-Based Channel Access Scheme for a V2I Communication System using Smart Antenna. <i>IEEE Communications Letters</i> , 2011 , 15, 804-806	3.8	3
97	Efficient cell selection algorithm in hierarchical cellular networks: multi-user coordination. <i>IEEE Communications Letters</i> , 2010 , 14, 157-159	3.8	3
96	Modeling and analysis for the coexistence of PSC I and PSC II in the IEEE 802.16e system 2010 ,		3
95	Pre-Buffering Scheme for Seamless Relay Handover in Relay Based Cellular Systems 2009 ,		3
94	Comparison of channel information acquisition schemes in cognitive radio system 2012 ,		3
93	Efficient Power Management Scheme Considering Inter-User QoS in Wireless LAN 2006 ,		3
92	Performance Analysis of Scheduling Algorithms for VoIP Services in IEEE 802.16e Systems		3
91	OFDM Resource Allocation Scheme for Minimizing Power Consumption in Multicast Systems 2006 ,		3
90	Resource Allocation Scheme for Minimizing Power Consumption in OFDMA Systems. <i>Vehicular Technology Conference-Fall (VTC-FALL), Proceedings, IEEE</i> , 2007 ,		3

89	Traffic Adaptive Uplink Scheduling Scheme for Relay Station in IEEE 802.16 Based Multi-Hop System. <i>Vehicular Technology Conference-Fall (VTC-FALL), Proceedings, IEEE, 2007,</i>		3
88	Control Overhead Reduction Based on Dedicated Retransmission Scheme in Reliable Multicast Services. <i>IEEE Communications Letters, 2007, 11, 720-722</i>	3.8	3
87	A multiple access collision avoidance protocol for multicast service in mobile ad hoc networks		3
86	ChannelAttention: Utilizing Attention Layers for Accurate Massive MIMO Channel Feedback. <i>IEEE Wireless Communications Letters, 2021, 10, 1079-1082</i>	5.9	3
85	Pairwise Heuristic Sequence Alignment Algorithm Based on Deep Reinforcement Learning.. <i>IEEE Open Journal of Engineering in Medicine and Biology, 2021, 2, 36-43</i>	5.9	3
84	Opportunistic Schedulings for Random Linear Network Coding in Time Varying Channels. <i>IEEE Communications Letters, 2015, 19, 1608-1611</i>	3.8	2
83	Multi-User Hybrid Beamforming System Based on Deep Neural Network in Millimeter-Wave Communication. <i>IEEE Access, 2020, 8, 91616-91623</i>	3.5	2
82	Design of Four-Port Integrated Monopole Antenna Using Refraction Effect of Dielectric Medium for Pattern Gain Enhancement. <i>IEEE Antennas and Wireless Propagation Letters, 2020, 19, 621-625</i>	3.8	2
81	Semidynamic Cell-Clustering Algorithm Based on Reinforcement Learning in Cooperative Transmission System. <i>IEEE Systems Journal, 2018, 12, 3853-3856</i>	4.3	2
80	Comparison of Channel State Acquisition Schemes in Cognitive Radio Environment. <i>IEEE Transactions on Wireless Communications, 2014, 13, 2295-2307</i>	9.6	2
79	Formation of cooperative cluster for coordinated transmission in multi-cell wireless networks 2013,		2
78	REViewer: a tool for linear visualization of repetitive elements within a sequence query. <i>Genomics, 2013, 102, 209-14</i>	4.3	2
77	Cell Selection Algorithm Based on Competition of Users in Hierarchical Cellular Networks 2010,		2
76	Resource Allocation Scheme for Minimizing Uplink Interference in Hierarchical Cellular Networks 2010,		2
75	Adaptive interference estimation for directional transmission 2012,		2
74	Efficient spectrum matching based on spectrum characteristics in cognitive radio systems. <i>Wireless Telecommunications Symposium, 2009 WTS 2009, 2008,</i>		2
73	CDMA Code-Based Bandwidth Request Mechanism in IEEE 802.16j Mobile Multi-Hop Relay (MMR)Systems 2008,		2
72	Novel Handover Decision Method in Wireless Communication Systems with Multiple Antennas 2006		2

71	AMC-Based Transmission of Resource Allocation Messages for Short-Sized Packet Services. <i>IEEE Communications Letters</i> , 2007 , 11, 577-579	3.8	2
70	A novel two-phase access priority scheme in wireless communication systems. <i>IEEE Communications Letters</i> , 2005 , 9, 216-218	3.8	2
69	Enhanced power-saving mechanism for broadcast and multicast service in WLAN. <i>IEEE Communications Letters</i> , 2005 , 9, 520-522	3.8	2
68	An energy-efficient downlink multiple access control considering congestion in wireless LANs. <i>IEEE Communications Letters</i> , 2006 , 10, 405-407	3.8	2
67	Mobility management based on mobile IP in mixed IPv4/IPv6 networks 2003 ,		2
66	Mobility management based on the integration of mobile IP and session initiation protocol in next generation mobile data networks 2003 ,		2
65	Fast retransmission mechanism for VoIP in IEEE 802.11e wireless LANs		2
64	Hierarchical Group Location Tracking for Transportation Systems in Wireless Personal Communication Networks. <i>Wireless Personal Communications</i> , 2003 , 26, 17-31	1.9	2
63	Adaptive random access and resource allocation scheme based on traffic load in HiperLAN type2 system. <i>IEEE Communications Letters</i> , 2003 , 7, 192-194	3.8	2
62	Hybrid access scheme based on one-phase preamble and channel monitoring/assignment for satellite communications. <i>IEEE Communications Letters</i> , 2004 , 8, 96-98	3.8	2
61	On effect of timer object for sleep mode operation in cdma2000 system		2
60	Bandwidth tuning for fairness of DQDB in client-server traffic environments. <i>IEEE Communications Letters</i> , 2000 , 4, 208-210	3.8	2
59	New clustering schemes for energy conservation in two-tiered mobile ad-hoc networks		2
58	Time slot allocation scheme based on a region division in CDMA/TDD systems		2
57	An adaptive logical link control for wireless Internet service in ITS 1999 ,		2
56	Soft handoff initiation control in CDMA cellular system 1999 ,		2
55	A prioritized random access with discriminative power ramping step size		2
54	Comparison of UCA-OAM and UCA-MIMO systems for sub-THz band line-of-sight spatial multiplexing transmission. <i>Journal of Communications and Networks</i> , 2021 , 23, 83-90	4.1	2

53	Autonomous Peer Discovery Scheme for D2D Communications Based on Spatial Correlation of Wireless Channel. <i>IEICE Transactions on Communications</i> , 2016 , E99.B, 224-231	0.5	2
52	Resource Allocation Scheme for Multihop Cellular Networks Using Directional Transmission. <i>Wireless Personal Communications</i> , 2017 , 94, 3355-3369	1.9	1
51	Random Linear Network Coding Based on Outdated Channel-State Information. <i>IEEE Communications Letters</i> , 2015 , 19, 1129-1132	3.8	1
50	Implementation of WPT communication system based on SAE J2847 standard for electric vehicle 2017 ,		1
49	MSE-Based Downlink and Uplink Joint Beamforming in Dynamic TDD System Based on Cloud-RAN. <i>IEEE Systems Journal</i> , 2019 , 13, 2228-2239	4.3	1
48	Improved Cooperative Spectrum Sensing in Multiple Stages for Low-Power Primary Users. <i>IEEE Wireless Communications Letters</i> , 2013 , 2, 287-290	5.9	1
47	Asymmetric Downlink Traffic Support Based on Cross-Subframe Femtocell in OFDMA-TDD System 2014 ,		1
46	Neighbor discovery using directional antennae for connectivity of wireless networks 2012 ,		1
45	Cooperation based resource allocation for improving inter-cell fairness in femtocell systems 2010 ,		1
44	An ARQ Mechanism with Rate Control for Two-Hop Relaying Systems 2010 ,		1
43	Directional antenna based time division scheduling in wireless ad hoc networks 2008 ,		1
42	Hierarchical Scanning Algorithm for Integrated Mobile and Nomadic Access Systems 2008 ,		1
41	Fast and Reliable Route Discovery Protocol Considering Mobility in Multihop Cellular Networks		1
40	Piggybacking Scheme of MAP IE for Minimizing MAC Overhead in the IEEE 802.16e OFDMA Systems. <i>Vehicular Technology Conference-Fall (VTC-FALL), Proceedings, IEEE</i> , 2007 ,		1
39	Fast dedicated retransmission scheme for reliable multicast services in OFDMA systems		1
38	Effective Paging Strategy based on Location Probability of Mobile Station and Paging Load Distribution of Base Station in Mobile Communication Networks. <i>Wireless Networks</i> , 2006 , 12, 395-402	2.5	1
37	A new partitioning algorithm for considering paging load distribution in mobile communication systems		1
36	Asynchronous power management scheme for wireless ad-hoc networks		1

35	Improved channel assignment scheme with access control for the common packet channel in WCDMA systems. <i>IEEE Communications Letters</i> , 2002 , 6, 184-186	3.8	1
34	A power-saving multicast routing scheme in 2-tier hierarchical mobile ad-hoc networks		1
33	Deep Scanning Beam Selection Based on Deep Reinforcement Learning in Massive MIMO Wireless Communication System. <i>Electronics (Switzerland)</i> , 2020 , 9, 1844	2.6	1
32	Specificity Analysis of Genome Based on Statistically Identical K-Words With Same Base Combination.. <i>IEEE Open Journal of Engineering in Medicine and Biology</i> , 2020 , 1, 214-219	5.9	1
31	Feature selection algorithm based on dual correlation filters for cancer-associated somatic variants. <i>BMC Bioinformatics</i> , 2020 , 21, 486	3.6	1
30	High-Order Modulation Based on Deep Neural Network for Physical-Layer Network Coding. <i>IEEE Wireless Communications Letters</i> , 2021 , 10, 1173-1177	5.9	1
29	Separated Random Linear Network Coding Based on Cooperative Medium Access Control. <i>IEEE Networking Letters</i> , 2021 , 3, 66-69	2.8	1
28	Economic evaluation of wireless charging tram system 2016 ,		1
27	Performance Improvement of NOMA Scheme Based on Gain of Narrow and Wide Beams. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 7821-7825	6.8	1
26	Performance analysis of wireless multi-user VoIP system with adaptive modulation and coding. <i>Wireless Networks</i> , 2014 , 20, 747-757	2.5	0
25	Considering spurious timeout in proxy for improving TCP performance in wireless networks. <i>IEEE Communications Letters</i> , 2004 , 8, 30-32	3.8	0
24	ConvAE-Advanced: Adaptive Transmission Across Multiple Timeslots for Error Resilient Operation. <i>IEEE Communications Letters</i> , 2020 , 24, 1976-1980	3.8	0
23	Energy Cost Minimization Based on Decentralized Reinforcement Learning With Feedback for Stable Operation of Wireless Charging Electric Tram Network. <i>IEEE Systems Journal</i> , 2021 , 15, 586-597	4.3	0
22	A Self-Attention-Based I/Q Imbalance Estimator for Beyond 5G Communication Systems. <i>IEEE Communications Letters</i> , 2021 , 1-1	3.8	0
21	Estimation of Path Loss Parameters of a Sub-Terahertz Wireless Channel Using Monostatic Radar. <i>IEEE Access</i> , 2021 , 9, 52654-52663	3.5	0
20	Repetitive element signature-based visualization, distance computation, and classification of 1766 microbial genomes. <i>Genomics</i> , 2015 , 106, 30-42	4.3	
19	Scheduling and Layer Selection Based Performance Improvement of Uplink SCMA System With Receive Beamforming. <i>IEEE Transactions on Vehicular Technology</i> , 2019 , 68, 7209-7213	6.8	
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