

# Dong-Ho Cho

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Learning-Based Resource Partitioning in Heterogeneous Networks With Multiple Network Operators. <i>IEEE Communications Letters</i> , <b>2021</b> , 25, 869-873	3.8	
213	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> , <b>2021</b> , 23, 83-90	4.1	2
212	ChannelAttention: Utilizing Attention Layers for Accurate Massive MIMO Channel Feedback. <i>IEEE Wireless Communications Letters</i> , <b>2021</b> , 10, 1079-1082	5.9	3
211	High-Order Modulation Based on Deep Neural Network for Physical-Layer Network Coding. <i>IEEE Wireless Communications Letters</i> , <b>2021</b> , 10, 1173-1177	5.9	1
210	Separated Random Linear Network Coding Based on Cooperative Medium Access Control. <i>IEEE Networking Letters</i> , <b>2021</b> , 3, 66-69	2.8	1
209	Energy Cost Minimization Based on Decentralized Reinforcement Learning With Feedback for Stable Operation of Wireless Charging Electric Tram Network. <i>IEEE Systems Journal</i> , <b>2021</b> , 15, 586-597	4.3	0
208	A Self-Attention-Based I/Q Imbalance Estimator for Beyond 5G Communication Systems. <i>IEEE Communications Letters</i> , <b>2021</b> , 1-1	3.8	0
207	Pairwise Heuristic Sequence Alignment Algorithm Based on Deep Reinforcement Learning.. <i>IEEE Open Journal of Engineering in Medicine and Biology</i> , <b>2021</b> , 2, 36-43	5.9	3
206	Performance Analysis of Simultaneous Collision-Free Duplexing Method in Point-to-Multipoint Environment. <i>IEEE Communications Letters</i> , <b>2021</b> , 25, 2884-2888	3.8	
205	Estimation of Path Loss Parameters of a Sub-Terahertz Wireless Channel Using Monostatic Radar. <i>IEEE Access</i> , <b>2021</b> , 9, 52654-52663	3.5	0
204	Local Alignment of DNA Sequence Based on Deep Reinforcement Learning.. <i>IEEE Open Journal of Engineering in Medicine and Biology</i> , <b>2021</b> , 2, 170-178	5.9	
203	Multi-User Hybrid Beamforming System Based on Deep Neural Network in Millimeter-Wave Communication. <i>IEEE Access</i> , <b>2020</b> , 8, 91616-91623	3.5	2
202	Cancer-Related Gene Signature Selection Based on Boosted Regression for Multilayer Perceptron. <i>IEEE Access</i> , <b>2020</b> , 8, 64992-65004	3.5	4
201	Design of Four-Port Integrated Monopole Antenna Using Refraction Effect of Dielectric Medium for Pattern Gain Enhancement. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2020</b> , 19, 621-625	3.8	2
200	Performance Evaluation of Partially Clustered Access Scheme for Massive Machine Type Communications. <i>IEEE Communications Letters</i> , <b>2020</b> , 24, 626-629	3.8	4
199	Measurements and Analysis of Radio Propagation at 28 GHz in Vegetated Areas of Typical Residential Environments. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2020</b> , 68, 4149-4154	4.9	4
198	ConvAE-Advanced: Adaptive Transmission Across Multiple Timeslots for Error Resilient Operation. <i>IEEE Communications Letters</i> , <b>2020</b> , 24, 1976-1980	3.8	0

197	Deep Scanning Beam Selection Based on Deep Reinforcement Learning in Massive MIMO Wireless Communication System. <i>Electronics (Switzerland)</i> , <b>2020</b> , 9, 1844	2.6	1
196	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> , <b>2020</b> , 1, 214-219	5.9	1
195	Performance Analysis of Priority-Based Access Class Barring Scheme for Massive MTC Random Access. <i>IEEE Systems Journal</i> , <b>2020</b> , 14, 5245-5252	4.3	11
194	Feature selection algorithm based on dual correlation filters for cancer-associated somatic variants. <i>BMC Bioinformatics</i> , <b>2020</b> , 21, 486	3.6	1
193	A Novel Synchronous Duplexing Method for Long Distance Wireless Backhaul System. <i>IEEE Wireless Communications Letters</i> , <b>2019</b> , 8, 761-764	5.9	3
192	ConvAE: A New Channel Autoencoder Based on Convolutional Layers and Residual Connections. <i>IEEE Communications Letters</i> , <b>2019</b> , 23, 1769-1772	3.8	7
191	Optimal Design of Wireless Charging Electric Bus System Based on Reinforcement Learning. <i>Energies</i> , <b>2019</b> , 12, 1229	3.1	6
190	A Fuzzy Logic Based Electric Vehicle Scheduling in Smart Charging Network <b>2019</b> ,		3
189	Transmit Power Control Using Deep Neural Network for Underlay Device-to-Device Communication. <i>IEEE Wireless Communications Letters</i> , <b>2019</b> , 8, 141-144	5.9	46
188	Scheduling and Layer Selection Based Performance Improvement of Uplink SCMA System With Receive Beamforming. <i>IEEE Transactions on Vehicular Technology</i> , <b>2019</b> , 68, 7209-7213	6.8	
187	MSE-Based Downlink and Uplink Joint Beamforming in Dynamic TDD System Based on Cloud-RAN. <i>IEEE Systems Journal</i> , <b>2019</b> , 13, 2228-2239	4.3	1
186	Genome classification improvements based on k-mer intervals in sequences. <i>Genomics</i> , <b>2019</b> , 111, 1574-1582	4.5	6
185	Deep Cooperative Sensing: Cooperative Spectrum Sensing Based on Convolutional Neural Networks. <i>IEEE Transactions on Vehicular Technology</i> , <b>2019</b> , 68, 3005-3009	6.8	84
184	Deep Learning Based Transmit Power Control in Underlaid Device-to-Device Communication. <i>IEEE Systems Journal</i> , <b>2019</b> , 13, 2551-2554	4.3	26
183	A Novel PAPR Reduction Scheme for OFDM System Based on Deep Learning. <i>IEEE Communications Letters</i> , <b>2018</b> , 22, 510-513	3.8	99
182	Deep Power Control: Transmit Power Control Scheme Based on Convolutional Neural Network. <i>IEEE Communications Letters</i> , <b>2018</b> , 22, 1276-1279	3.8	142
181	Semidynamic Cell-Clustering Algorithm Based on Reinforcement Learning in Cooperative Transmission System. <i>IEEE Systems Journal</i> , <b>2018</b> , 12, 3853-3856	4.3	2
180	Deep Learning-Aided SCMA. <i>IEEE Communications Letters</i> , <b>2018</b> , 22, 720-723	3.8	105

179	Limited Feedback Hybrid Beamforming Based on Dual Polarized Array Antenna. <i>IEEE Communications Letters</i> , <b>2018</b> , 22, 1486-1489	3.8	4
178	Proportional Fair Resource Allocation in Energy Harvesting-Based Wireless Networks. <i>IEEE Systems Journal</i> , <b>2018</b> , 12, 2399-2402	4.3	5
177	Proportional Fair Energy-Efficient Resource Allocation in Energy-Harvesting-Based Wireless Networks. <i>IEEE Systems Journal</i> , <b>2018</b> , 12, 2106-2116	4.3	15
176	Dual Polarized UCA-Based OAM Multi-Mode Transmission with Inter-Mode Spreading <b>2018</b> ,		3
175	Estimation and Compensation for RF Chain Mismatch in UCA OAM Radio Systems. <i>IEEE Communications Letters</i> , <b>2018</b> , 22, 2274-2277	3.8	5
174	Performance Improvement of NOMA Scheme Based on Gain of Narrow and Wide Beams. <i>IEEE Transactions on Vehicular Technology</i> , <b>2018</b> , 67, 7821-7825	6.8	1
173	Stability Improvement of Transmission Efficiency Based on a Relay Resonator in a Wireless Power Transfer System. <i>IEEE Transactions on Power Electronics</i> , <b>2017</b> , 32, 3297-3300	7.2	35
172	Resource Allocation Scheme for Multihop Cellular Networks Using Directional Transmission. <i>Wireless Personal Communications</i> , <b>2017</b> , 94, 3355-3369	1.9	1
171	Mobile Data Offloading With Almost Blank Subframe in LTE-LAA and Wi-Fi Coexisting Networks Based on Coalition Game. <i>IEEE Communications Letters</i> , <b>2017</b> , 21, 608-611	3.8	15
170	Implementation of WPT communication system based on SAE J2847 standard for electric vehicle <b>2017</b> ,		1
169	Feasibility study and spatial-temporal characteristics analysis for 28 GHz outdoor wireless channel modelling. <i>IET Communications</i> , <b>2016</b> , 10, 2352-2362	1.3	12
168	. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2016</b> , 17, 1183-1188	6.1	21
167	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> , <b>2016</b> , 15, 2080-2089	9.6	9
166	Novel Single-RF MIMO System Based on Repetitive Pulse Width Modulation. <i>IEEE Communications Letters</i> , <b>2016</b> , 20, 165-168	3.8	3
165	Autonomous Peer Discovery Scheme for D2D Communications Based on Spatial Correlation of Wireless Channel. <i>IEICE Transactions on Communications</i> , <b>2016</b> , E99.B, 224-231	0.5	2
164	Economic evaluation of wireless charging tram system <b>2016</b> ,		1
163	Analysis of Wireless Power Transfer for Adjustable Power Distribution among Multiple Receivers. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2015</b> , 14, 950-953	3.8	38
162	Repetitive element signature-based visualization, distance computation, and classification of 1766 microbial genomes. <i>Genomics</i> , <b>2015</b> , 106, 30-42	4.3	

161	Random Linear Network Coding Based on Outdated Channel-State Information. <i>IEEE Communications Letters</i> , <b>2015</b> , 19, 1129-1132	3.8	1
160	Analysis of Pattern Gain of Compact Directional 16-port Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2015</b> , 14, 902-905	3.8	3
159	Opportunistic Scheduling for Random Linear Network Coding in Time Varying Channels. <i>IEEE Communications Letters</i> , <b>2015</b> , 19, 1608-1611	3.8	2
158	Asynchronous Detection Algorithm for Diffusion-Based Molecular Communication in Timing Modulation Channel. <i>IEEE Communications Letters</i> , <b>2015</b> , 19, 2114-2117	3.8	3
157	Energy Efficient Beamforming and Power Allocation in Dynamic TDD Based C-RAN System. <i>IEEE Communications Letters</i> , <b>2015</b> , 19, 1806-1809	3.8	30
156	Random Linear Network Coding Based on Non-Orthogonal Multiple Access in Wireless Networks. <i>IEEE Communications Letters</i> , <b>2015</b> , 19, 1273-1276	3.8	13
155	Novel Fastest Retransmission and Rate Control Schemes for Improving TCP Performance in Wireless Ad Hoc Networks. <i>Wireless Personal Communications</i> , <b>2014</b> , 75, 557-567	1.9	4
154	Performance analysis of wireless multi-user VoIP system with adaptive modulation and coding. <i>Wireless Networks</i> , <b>2014</b> , 20, 747-757	2.5	0
153	Comparison of Channel State Acquisition Schemes in Cognitive Radio Environment. <i>IEEE Transactions on Wireless Communications</i> , <b>2014</b> , 13, 2295-2307	9.6	2
152	DiBA: Distributed Bottleneck Alleviation Scheme in Wireless Multi-Hop Sensor Networks. <i>IEEE Communications Letters</i> , <b>2014</b> , 18, 431-434	3.8	5
151	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> , <b>2014</b> , 61, 1178-1192	8.9	476
150	Simultaneous Information and Power Transfer Using Magnetic Resonance. <i>ETRI Journal</i> , <b>2014</b> , 36, 808-814	8.4	7
149	Capacity Analysis of Neuro-spike Communication System for Nanonetworks. <i>Procedia Computer Science</i> , <b>2014</b> , 37, 428-433	1.6	4
148	Asymmetric Downlink Traffic Support Based on Cross-Subframe Femtocell in OFDMA-TDD System <b>2014</b> ,		1
147	User-cooperation scheme based on clustering for energy efficiency in cellular networks with D2D communication <b>2014</b> ,		10
146	Systematic Analysis of Homologous Tandem Repeat Family in the Human Genome. <i>Communications in Computer and Information Science</i> , <b>2014</b> , 162-175	0.3	
145	Improved Cooperative Spectrum Sensing in Multiple Stages for Low-Power Primary Users. <i>IEEE Wireless Communications Letters</i> , <b>2013</b> , 2, 287-290	5.9	1
144	CoBRA: Cooperative Beamforming-Based Resource Allocation for Self-Healing in SON-Based Indoor Mobile Communication System. <i>IEEE Transactions on Wireless Communications</i> , <b>2013</b> , 12, 5520-5528	9.6	20

143	Formation of cooperative cluster for coordinated transmission in multi-cell wireless networks <b>2013</b> ,		2
142	Maximizing the Capacity of Magnetic Induction Communication for Embedded Sensor Networks in Strongly and Loosely Coupled Regions. <i>IEEE Transactions on Magnetics</i> , <b>2013</b> , 49, 5055-5062	2	17
141	New Cooperation-Based Channel State Acquisition Scheme for Ad Hoc Cognitive Radio Systems. <i>IEEE Transactions on Vehicular Technology</i> , <b>2013</b> , 62, 3325-3338	6.8	8
140	REViewer: a tool for linear visualization of repetitive elements within a sequence query. <i>Genomics</i> , <b>2013</b> , 102, 209-14	4.3	2
139	Coil Design and Shielding Methods for a Magnetic Resonant Wireless Power Transfer System. <i>Proceedings of the IEEE</i> , <b>2013</b> , 101, 1332-1342	14.3	252
138	Large interrelated clusters of repetitive elements (REs) and RE arrays predominantly represent reference mouse chromosome Y. <i>Chromosome Research</i> , <b>2013</b> , 21, 15-26	4.4	5
137	Simultaneous RTS and Sequential CTS Considering Multiple Cooperative Relays. <i>IEEE Transactions on Vehicular Technology</i> , <b>2013</b> , 62, 2369-2374	6.8	6
136	Fairness-Aware Cooperative Resource Allocation for Self-Healing in SON-based Indoor System. <i>IEEE Communications Letters</i> , <b>2012</b> , 16, 1030-1033	3.8	6
135	REMiner-II: a tool for rapid identification and configuration of repetitive element arrays from large mammalian chromosomes as a single query. <i>Genomics</i> , <b>2012</b> , 100, 131-40	4.3	8
134	Neighbor discovery using directional antennae for connectivity of wireless networks <b>2012</b> ,		1
133	Fair Clustering for Energy Efficiency in a Cooperative Wireless Sensor Network <b>2012</b> ,		3
132	Comparison of channel information acquisition schemes in cognitive radio system <b>2012</b> ,		3
131	Concurrent spectrum sensing and data transmission scheme in a CR system <b>2012</b> ,		6
130	Adaptive interference estimation for directional transmission <b>2012</b> ,		2
129	Load Based Cell Selection Algorithm for Faulted Handover in Indoor Femtocell Network <b>2011</b> ,		9
128	REMiner: a tool for unbiased mining and analysis of repetitive elements and their arrangement structures of large chromosomes. <i>Genomics</i> , <b>2011</b> , 98, 381-9	4.3	6
127	Cooperative Resource Allocation for Guaranteeing Intercell Fairness in Femtocell Networks. <i>IEEE Communications Letters</i> , <b>2011</b> , 15, 214-216	3.8	36
126	Efficient Cell-Clustering Algorithm for Inter-Cluster Interference Mitigation in Network MIMO Systems. <i>IEEE Communications Letters</i> , <b>2011</b> , 15, 326-328	3.8	12

125	Group-Based Channel Access Scheme for a V2I Communication System using Smart Antenna. <i>IEEE Communications Letters</i> , <b>2011</b> , 15, 804-806	3.8	3
124	Enhanced Spectrum Sensing Scheme in Cognitive Radio Systems With MIMO Antennae. <i>IEEE Transactions on Vehicular Technology</i> , <b>2011</b> , 60, 1072-1085	6.8	41
123	Enhanced Group Handover Scheme in Multiaccess Networks. <i>IEEE Transactions on Vehicular Technology</i> , <b>2011</b> , 60, 2389-2395	6.8	21
122	Downlink Resource Allocation Scheme for Smart Antenna Based V2V2I Communication System <b>2011</b> ,		10
121	Inter-Cluster Interference Management Based on Cell-Clustering in Network MIMO Systems <b>2011</b> ,		20
120	Cell Selection Algorithm Based on Competition of Users in Hierarchical Cellular Networks <b>2010</b> ,		2
119	Resource Allocation Scheme for Minimizing Uplink Interference in Hierarchical Cellular Networks <b>2010</b> ,		2
118	Enhanced power saving through increasing unavailability interval in the IEEE 802.16e systems. <i>IEEE Communications Letters</i> , <b>2010</b> , 14, 24-26	3.8	9
117	Efficient cell selection algorithm in hierarchical cellular networks: multi-user coordination. <i>IEEE Communications Letters</i> , <b>2010</b> , 14, 157-159	3.8	3
116	Efficient resource allocation for rapid link recovery and visibility in visible-light local area networks. <i>IEEE Transactions on Consumer Electronics</i> , <b>2010</b> , 56, 524-531	4.8	30
115	Low frequency electromagnetic field reduction techniques for the On-Line Electric Vehicle (OLEV) <b>2010</b> ,		5
114	Novel Handoff Decision Algorithm in Hierarchical Macro/Femto-Cell Networks <b>2010</b> ,		33
113	Cooperation based resource allocation for improving inter-cell fairness in femtocell systems <b>2010</b> ,		1
112	Modeling and analysis for the coexistence of PSC I and PSC II in the IEEE 802.16e system <b>2010</b> ,		3
111	An ARQ Mechanism with Rate Control for Two-Hop Relaying Systems <b>2010</b> ,		1
110	Traffic density based power control scheme for femto AP <b>2010</b> ,		7
109	Downlink Power Control Scheme for Smart Antenna Based Wireless Systems <b>2010</b> ,		6
108	Interference Mitigation Based on Femtocells Grouping in Low Duty Operation <b>2010</b> ,		12

107	On the Use of Ad Hoc Cooperation for Seamless Vertical Handoff and Its Performance Evaluation. <i>Mobile Networks and Applications</i> , <b>2010</b> , 15, 750-766	2.9	6
106	A Joint Power and Subchannel Allocation Scheme Maximizing System Capacity in Indoor Dense Mobile Communication Systems. <i>IEEE Transactions on Vehicular Technology</i> , <b>2010</b> , 59, 4340-4353	6.8	104
105	Performance Evaluation of Resource Allocation Scheme Based on Hierarchical Constellation in Cellular Networks. <i>IEICE Transactions on Communications</i> , <b>2010</b> , E93-B, 1289-1292	0.5	
104	A New Neighbor Discovery Scheme Based on Spatial Correlation of Wireless Channel <b>2009</b> ,		6
103	Pre-Buffering Scheme for Seamless Relay Handover in Relay Based Cellular Systems <b>2009</b> ,		3
102	Decentralized power control scheme in femtocell networks: A game theoretic approach <b>2009</b> ,		54
101	A joint power and subchannel allocation scheme maximizing system capacity in dense femtocell downlink systems <b>2009</b> ,		11
100	Simultaneous transmission of MAP IE and data for minimizing MAC overhead in the IEEE 802.16e OFDMA systems. <i>IEEE Transactions on Wireless Communications</i> , <b>2009</b> , 8, 5431-5435	9.6	
99	Seamless spectrum handover improving cell outage in cognitive radio systems <b>2009</b> ,		4
98	On the use of a power-saving mode for mobile VoIP devices and its performance evaluation. <i>IEEE Transactions on Consumer Electronics</i> , <b>2009</b> , 55, 1537-1545	4.8	11
97	An enhanced packet scheduling algorithm combined with HARQ for HSDPA system. <i>IEEE Communications Letters</i> , <b>2008</b> , 12, 247-249	3.8	7
96	Efficient spectrum matching based on spectrum characteristics in cognitive radio systems. <i>Wireless Telecommunications Symposium, 2009 WTS 2009</i> , <b>2008</b> ,		2
95	Directional antenna based time division scheduling in wireless ad hoc networks <b>2008</b> ,		1
94	Sensing Optimization Considering Sensing Capability of Cognitive Terminal in Cognitive Radio System <b>2008</b> ,		4
93	Hierarchical Scanning Algorithm for Integrated Mobile and Nomadic Access Systems <b>2008</b> ,		1
92	Combination of Dynamic-TDD and Static-TDD Based on Adaptive Power Control <b>2008</b> ,		10
91	CDMA Code-Based Bandwidth Request Mechanism in IEEE 802.16j Mobile Multi-Hop Relay (MMR)Systems <b>2008</b> ,		2
90	Modelling and Analysis of ARQ Mechanisms for Wireless Multi-Hop Relay System. <i>IEEE Vehicular Technology Conference</i> , <b>2008</b> ,	0.1	5



89	CQI Feedback Reduction Based on Spatial Correlation in OFDMA System <b>2008</b> ,		11
88	QoS Provisioning Spectrum Management Based on Intelligent Matching and Reservation for Cognitive Radio System <b>2007</b> ,		10
87	Cognition Based Seamless Transmissions by Using Underlay-Overlay Switching Method in Future Wireless Communication System <b>2007</b> ,		4
86	Seamless Handoff Scheme Based on Pre-registration and Pre-authentication for UMTS/WLAN Interworking. <i>Wireless Personal Communications</i> , <b>2007</b> , 41, 345-364	1.9	29
85	Reducing Inter-Cell Handover Events based on Cell ID Information in Multi-hop Relay Systems. <i>IEEE Vehicular Technology Conference</i> , <b>2007</b> ,	0.1	14
84	Resource Allocation Scheme for Minimizing Power Consumption in OFDMA Systems. <i>Vehicular Technology Conference-Fall (VTC-FALL), Proceedings, IEEE</i> , <b>2007</b> ,		3
83	Performance Evaluation of Energy-Saving Mechanism Based on Probabilistic Sleep Interval Decision Algorithm in IEEE 802.16e. <i>IEEE Transactions on Vehicular Technology</i> , <b>2007</b> , 56, 1773-1780	6.8	37
82	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</i> , <b>2007</b> ,		3
81	Fairness-Aware Adaptive Resource Allocation Scheme in Multihop OFDMA Systems. <i>IEEE Communications Letters</i> , <b>2007</b> , 11, 134-136	3.8	111
80	Hierarchical Constellation Based Adaptive Relay Scheme in Multi-Hop Networks. <i>IEEE Communications Letters</i> , <b>2007</b> , 11, 225-227	3.8	7
79	Resource Allocation Scheme for Minimizing Power Consumption in OFDM Multicast Systems. <i>IEEE Communications Letters</i> , <b>2007</b> , 11, 486-488	3.8	28
78	Hybrid Power Saving Mechanism for VoIP Services with Silence Suppression in IEEE 802.16e Systems. <i>IEEE Communications Letters</i> , <b>2007</b> , 11, 455-457	3.8	22
77	AMC-Based Transmission of Resource Allocation Messages for Short-Sized Packet Services. <i>IEEE Communications Letters</i> , <b>2007</b> , 11, 577-579	3.8	2
76	Control Overhead Reduction Based on Dedicated Retransmission Scheme in Reliable Multicast Services. <i>IEEE Communications Letters</i> , <b>2007</b> , 11, 720-722	3.8	3
75	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> , <b>2007</b> ,		5
74	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> , <b>2007</b> ,		1
73	Extended-rtPS Algorithm for VoIP Services in IEEE 802.16 systems <b>2006</b> ,		24
72	Novel Handover Decision Method in Wireless Communication Systems with Multiple Antennas <b>2006</b> ,		2

71	Efficient Power Management Scheme Considering Inter-User QoS in Wireless LAN <b>2006</b> ,		3
70	OFDM Resource Allocation Scheme for Minimizing Power Consumption in Multicast Systems <b>2006</b> ,		3
69	Wireless multicast performance improvement strategies based on autonomous handover. <i>IEEE Communications Letters</i> , <b>2006</b> , 10, 534-536	3.8	
68	Capacity enhancement of uplink channel through spatial reuse in multihop cellular networks. <i>IEEE Communications Letters</i> , <b>2006</b> , 10, 76-78	3.8	4
67	An energy-efficient downlink multiple access control considering congestion in wireless LANs. <i>IEEE Communications Letters</i> , <b>2006</b> , 10, 405-407	3.8	2
66	Channel adaptive CQI reporting schemes for HSDPA systems. <i>IEEE Communications Letters</i> , <b>2006</b> , 10, 459-461	3.8	10
65	Performance Analysis on Coexistence of EDCA and Legacy DCF Stations in IEEE 802.11 Wireless LANs. <i>IEEE Transactions on Wireless Communications</i> , <b>2006</b> , 5, 3355-3359	9.6	7
64	Wireless multicast performance improvement strategies based on autonomous handover. <i>IEEE Communications Letters</i> , <b>2006</b> , 10, 534-536	3.8	
63	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> , <b>2006</b> , 12, 395-402	2.5	1
62	An analytical model for reverse link rate control in cdma2000 1xEV-DO systems. <i>IEEE Communications Letters</i> , <b>2005</b> , 9, 270-272	3.8	7
61	A novel two-phase access priority scheme in wireless communication systems. <i>IEEE Communications Letters</i> , <b>2005</b> , 9, 216-218	3.8	2
60	Timer-based broadcasting for power-aware routing in power-controlled wireless ad hoc networks. <i>IEEE Communications Letters</i> , <b>2005</b> , 9, 222-224	3.8	13
59	An enhanced channel-quality indication (CQI) reporting scheme for HSDPA systems. <i>IEEE Communications Letters</i> , <b>2005</b> , 9, 432-434	3.8	5
58	Enhanced power-saving mechanism for broadcast and multicast service in WLAN. <i>IEEE Communications Letters</i> , <b>2005</b> , 9, 520-522	3.8	2
57	Power-efficient cache management schemes for mobile client-server environments. <i>IEEE Communications Letters</i> , <b>2005</b> , 9, 607-609	3.8	
56	New access scheme for VoIP packets in IEEE 802.11e wireless LANs. <i>IEEE Communications Letters</i> , <b>2005</b> , 9, 667-669	3.8	19
55	An enhanced uplink scheduling algorithm based on voice activity for VoIP services in IEEE 802.16d/e system. <i>IEEE Communications Letters</i> , <b>2005</b> , 9, 691-693	3.8	60
54	Adaptive beacon listening protocol for a TCP connection in slow-start phase in WLAN. <i>IEEE Communications Letters</i> , <b>2005</b> , 9, 853-855	3.8	6

53	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 <b>2005</b> , 43, 136-146		99
52	A novel two-phase access priority scheme in wireless communication systems. <i>IEEE Communications Letters</i> , <b>2005</b> , 9, 216-218	3.8	
51	Timer-based broadcasting for power-aware routing in power-controlled wireless ad hoc networks. <i>IEEE Communications Letters</i> , <b>2005</b> , 9, 222-224	3.8	
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16	Fast dedicated retransmission scheme for reliable multicast services in OFDMA systems	1
15	A multiple access collision avoidance protocol for multicast service in mobile ad hoc networks	3
14	A seamless handoff scheme for UMTS-WLAN interworking	8
13	A new partitioning algorithm for considering paging load distribution in mobile communication systems	1
12	An integrated mobility management scheme in IPv6 based wireless networks	4
11	Fast retransmission mechanism for VoIP in IEEE 802.11e wireless LANs	2
10	Asynchronous power management scheme for wireless ad-hoc networks	1
9	An efficient uplink scheduling algorithm for VoIP services in IEEE 802.16 BWA systems	18
8	Fast handover scheme for real-time downlink services in IEEE 802.16e BWA system	15
7	Takeover: a new vertical handover concept for next-generation heterogeneous networks	4
6	On effect of timer object for sleep mode operation in cdma2000 system	2
5	A power-saving multicast routing scheme in 2-tier hierarchical mobile ad-hoc networks	1
4	A new routing scheme concerning power-saving in mobile ad-hoc networks	6
3	New clustering schemes for energy conservation in two-tiered mobile ad-hoc networks	2
2	Time slot allocation scheme based on a region division in CDMA/TDD systems	2
1	A prioritized random access with discriminative power ramping step size	2