Dong-Ho Cho

List of Publications by Year
in descending order

322 papers	4,843 citations	257101 24 h-index	143772 57 g-index
322 all docs	322 docs citations	322 times ranked	3659 citing authors

#	Article	IF	Citations
1	Design and Implementation of Shaped Magnetic-Resonance-Based Wireless Power Transfer System for Roadway-Powered Moving Electric Vehicles. IEEE Transactions on Industrial Electronics, 2014, 61, 1179-1192.	5.2	693
2	Coil Design and Shielding Methods for a Magnetic Resonant Wireless Power Transfer System. Proceedings of the IEEE, 2013, 101, 1332-1342.	16.4	362
3	Deep Power Control: Transmit Power Control Scheme Based on Convolutional Neural Network. IEEE Communications Letters, 2018, 22, 1276-1279.	2.5	207
4	Fairness-Aware Adaptive Resource Allocation Scheme in Multihop OFDMA Systems. IEEE Communications Letters, 2007, 11, 134-136.	2.5	171
5	A Joint Power and Subchannel Allocation Scheme Maximizing System Capacity in Indoor Dense Mobile Communication Systems. IEEE Transactions on Vehicular Technology, 2010, 59, 4340-4353.	3.9	170
6	Deep Cooperative Sensing: Cooperative Spectrum Sensing Based on Convolutional Neural Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 3005-3009.	3.9	159
7	A Novel PAPR Reduction Scheme for OFDM System Based on Deep Learning. IEEE Communications Letters, 2018, 22, 510-513.	2.5	157
8	Deep Learning-Aided SCMA. IEEE Communications Letters, 2018, 22, 720-723.	2.5	151
9	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.		145
10	An enhanced uplink scheduling algorithm based on voice activity for VoIP services in IEEE 802.16d/e system. IEEE Communications Letters, 2005, 9, 691-693.	2.5	98
11	Decentralized power control scheme in femtocell networks: A game theoretic approach. , 2009, , .		79
12	Fast Handover Scheme for Real-Time Downlink Services in IEEE 802.16e BWA System. , 0, , .		75
13	Transmit Power Control Using Deep Neural Network for Underlay Device-to-Device Communication. IEEE Wireless Communications Letters, 2019, 8, 141-144.	3.2	63
14	Stability Improvement of Transmission Efficiency Based on a Relay Resonator in a Wireless Power Transfer System. IEEE Transactions on Power Electronics, 2017, 32, 3297-3300.	5.4	55
15	Novel Handoff Decision Algorithm in Hierarchical Macro/Femto-Cell Networks. , 2010, , .		49
16	Enhanced Spectrum Sensing Scheme in Cognitive Radio Systems With MIMO Antennae. IEEE Transactions on Vehicular Technology, 2011, 60, 1072-1085.	3.9	49
17	An efficient uplink scheduling algorithm for VoIP services in IEEE 802.16 BWA systems. , 0, , .		47
18	Cooperative Resource Allocation for Guaranteeing Intercell Fairness in Femtocell Networks. IEEE Communications Letters, 2011, 15, 214-216.	2.5	47

#	ARTICLE	IF	CITATIONS
19	Analysis of Wireless Power Transfer for Adjustable Power Distribution among Multiple Receivers. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 950-953.	2.4	45
20	Performance Evaluation of Energy-Saving Mechanism Based on Probabilistic Sleep Interval Decision Algorithm in IEEE 802.16e. IEEE Transactions on Vehicular Technology, 2007, 56, 1773-1780.	3.9	43
21	Extended-rtPS Algorithm for VoIP Services in IEEE 802.16 systems. , 2006, , .		40
22	Energy Efficient Beamforming and Power Allocation in Dynamic TDD Based C-RAN System. IEEE Communications Letters, 2015, 19, 1806-1809.	2.5	38
23	Deep Learning Based Transmit Power Control in Underlaid Device-to-Device Communication. IEEE Systems Journal, 2019, 13, 2551-2554.	2.9	38
24	Seamless Handoff Scheme Based on Pre-registration and Pre-authentication for UMTSâ€"WLAN Interworking. Wireless Personal Communications, 2007, 41, 345-364.	1.8	37
25	Efficient resource allocation for rapid link recovery and visibility in visible-light local area networks. IEEE Transactions on Consumer Electronics, 2010, 56, 524-531.	3.0	37
26	Low frequency electromagnetic field reduction techniques for the On-Line Electric Vehicle (OLEV). , 2010, , .		35
27	Hybrid Power Saving Mechanism for VoIP Services with Silence Suppression in IEEE 802.16e Systems. IEEE Communications Letters, 2007, 11, 455-457.	2.5	32
28	Resource Allocation Scheme for Minimizing Power Consumption in OFDM Multicast Systems. IEEE Communications Letters, 2007, 11, 486-488.	2.5	31
29	A seamless handoff scheme for UMTS-WLAN interworking. , 0, , .		30
30	On optimum timer value of area and timer-based location registration scheme. IEEE Communications Letters, 2001, 5, 148-150.	2.5	28
31	Performance analysis of DS/SSMA unslotted ALOHA system with variable length data traffic. IEEE Journal on Selected Areas in Communications, 2001, 19, 2215-2224.	9.7	28
32	Performance Analysis of Scheduling Algorithms for VoIP Services in IEEE 802.16e Systems. , 0, , .		28
33	Time slot allocation scheme based on a region division in CDMA/TDD systems. , 0, , .		27
34	New access scheme for VoIP packets in ieee 802.11e wireless LANs. IEEE Communications Letters, 2005, 9, 667-669.	2.5	27
35	Resource Allocation for Vehicle-to-Infrastructure Communication Using Directional Transmission. IEEE Transactions on Intelligent Transportation Systems, 2016, 17, 1183-1188.	4.7	27
36	CoBRA: Cooperative Beamforming-Based Resource Allocation for Self-Healing in SON-Based Indoor Mobile Communication System. IEEE Transactions on Wireless Communications, 2013, 12, 5520-5528.	6.1	26

#	ARTICLE	IF	CITATIONS
37	Enhanced Group Handover Scheme in Multiaccess Networks. IEEE Transactions on Vehicular Technology, 2011, 60, 2389-2395.	3.9	25
38	Inter-Cluster Interference Management Based on Cell-Clustering in Network MIMO Systems. , 2011, , .		25
39	A joint power and subchannel allocation scheme maximizing system capacity in dense femtocell downlink systems. , 2009, , .		23
40	Maximizing the Capacity of Magnetic Induction Communication for Embedded Sensor Networks in Strongly and Loosely Coupled Regions. IEEE Transactions on Magnetics, 2013, 49, 5055-5062.	1.2	23
41	Timer-based broadcasting for power-aware routing in power-controlled wireless ad hoc networks. IEEE Communications Letters, 2005, 9, 222-224.	2.5	22
42	Access scheme for integrated voice/data transmissions over common packet channel in 3GPP. IEEE Communications Letters, 2001, 5, 46-48.	2.5	21
43	A new MAC algorithm based on reservation and scheduling for energy-limited ad-hoc networks. IEEE Transactions on Consumer Electronics, 2003, 49, 135-141.	3.0	21
44	Interference Mitigation Based on Femtocells Grouping in Low Duty Operation. , 2010, , .		20
45	Macrocell/microcell selection schemes based on a new velocity estimation in multitier cellular system. IEEE Transactions on Vehicular Technology, 2002, 51, 893-903.	3.9	19
46	Group Location Management for Mobile Subscribers on Transportation Systems in Mobile Communication Networks. IEEE Transactions on Vehicular Technology, 2004, 53, 181-191.	3.9	19
47	Reducing Inter-Cell Handover Events based on Cell ID Information in Multi-hop Relay Systems. IEEE Vehicular Technology Conference, 2007, , .	0.2	19
48	Mobile Data Offloading With Almost Blank Subframe in LTE-LAA and Wi-Fi Coexisting Networks Based on Coalition Game. IEEE Communications Letters, 2017, 21, 608-611.	2.5	19
49	A new routing scheme concerning power-saving in mobile ad-hoc networks. , 0, , .		18
50	Feasibility study and spatial–temporal characteristics analysis for 28 GHz outdoor wireless channel modelling. IET Communications, 2016, 10, 2352-2362.	1.5	18
51	Proportional Fair Energy-Efficient Resource Allocation in Energy-Harvesting-Based Wireless Networks. IEEE Systems Journal, 2018, 12, 2106-2116.	2.9	18
52	Performance Analysis of Priority-Based Access Class Barring Scheme for Massive MTC Random Access. IEEE Systems Journal, 2020, 14, 5245-5252.	2.9	18
53	Performance analysis of a DS/SSMA unslotted ALOHA system with two user classes. IEEE Transactions on Vehicular Technology, 2002, 51, 1628-1639.	3.9	17
54	QoS Provisioning Spectrum Management Based on Intelligent Matching and Reservation for Cognitive Radio System. , 2007, , .		17

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55	Random Linear Network Coding Based on Non-Orthogonal Multiple Access in Wireless Networks. IEEE Communications Letters, 2015, 19, 1273-1276.	2.5	16
56	Group location tracking based on representative identity and virtual VLR for transportation systems. IEEE Communications Letters, 2001, 5, 349-351.	2.5	15
57	Adaptive random channel allocation scheme in HIPERLAN type 2. IEEE Communications Letters, 2002, 6, 40-42.	2.5	15
58	TAKEOVER: A New Vertical Handover Concept for Next-Generation Heterogeneous Networks. , 0, , .		15
59	Channel adaptive CQI reporting schemes for HSDPA systems. IEEE Communications Letters, 2006, 10, 459-461.	2.5	15
60	CQI Feedback Reduction Based on Spatial Correlation in OFDMA System. , 2008, , .		15
61	ConvAE: A New Channel Autoencoder Based on Convolutional Layers and Residual Connections. IEEE Communications Letters, 2019, 23, 1769-1772.	2.5	15
62	New clustering schemes for energy conservation in two-tiered mobile ad-hoc networks. , 0, , .		14
63	Reliable Multicast Services Using CDMA Codes in IEEE 802.16 OFDMA System. , 0, , .		14
64	On the use of a power-saving mode for mobile VoIP devices and its performance evaluation. IEEE Transactions on Consumer Electronics, 2009, 55, 1537-1545.	3.0	14
65	Efficient Cell-Clustering Algorithm for Inter-Cluster Interference Mitigation in Network MIMO Systems. IEEE Communications Letters, 2011, 15, 326-328.	2.5	14
66	A power-saving multicast routing scheme in 2-tier hierarchical mobile ad-hoc networks. , 0, , .		13
67	New clustering schemes for energy conservation in two-tiered mobile ad hoc networks. IEEE Transactions on Vehicular Technology, 2002, 51, 1661-1668.	3.9	13
68	Mobility management based on the integration of mobile IP and session initiation protocol in next generation mobile data networks. , 2003, , .		13
69	A multiple access collision avoidance protocol for multicast service in mobile ad hoc networks. , 0, , .		13
70	Combination of Dynamic-TDD and Static-TDD Based on Adaptive Power Control. , 2008, , .		13
71	Downlink Resource Allocation Scheme for Smart Antenna Based V2V2I Communication System. , 2011, , .		13
72	Performance analysis of channel-borrowing handoff scheme based on user mobility in CDMA cellular systems. IEEE Transactions on Vehicular Technology, 2000, 49, 2276-2285.	3.9	12

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73	A new routing scheme concerning energy conservation in wireless home ad-hoc networks. IEEE Transactions on Consumer Electronics, 2001, 47, 1-5.	3.0	12
74	Hybrid coupling scheme for UMTS and wireless LAN interworking. , 2003, , .		12
75	An integrated mobility management scheme in IPv6 based wireless networks. , 0, , .		12
76	An analytical model for reverse link rate control in cdma2000 1xEV-DO systems. IEEE Communications Letters, 2005, 9, 270-272.	2.5	12
77	User-cooperation scheme based on clustering for energy efficiency in cellular networks with D2D communication. , 2014, , .		12
78	Performance evaluation of soft handoff for multimedia services in intelligent transportation systems based on cdma. IEEE Transactions on Intelligent Transportation Systems, 2003, 4, 189-197.	4.7	11
79	Adaptive beacon listening protocol for a TCP connection in slow-start phase in WLAN. IEEE Communications Letters, 2005, 9, 853-855.	2.5	11
80	Performance Analysis on Coexistence of EDCA and Legacy DCF Stations in IEEE 802.11 Wireless LANs. IEEE Transactions on Wireless Communications, 2006, 5, 3355-3359.	6.1	11
81	Hierarchical Constellation Based Adaptive Relay Scheme in Multi-Hop Networks. IEEE Communications Letters, 2007, 11, 225-227.	2.5	11
82	Modelling and Analysis of ARQ Mechanisms for Wireless Multi-Hop Relay System. IEEE Vehicular Technology Conference, 2008, , .	0.2	11
83	On the Use of Ad Hoc Cooperation for Seamless Vertical Handoff and Its Performance Evaluation. Mobile Networks and Applications, 2010, 15, 750-766.	2.2	11
84	Simultaneous Information and Power Transfer Using Magnetic Resonance. ETRI Journal, 2014, 36, 808-818.	1.2	11
85	On the Low-Complexity Resource Allocation for Self-Healing With Reduced Message Passing in Indoor Wireless Communication Systems. IEEE Transactions on Wireless Communications, 2016, 15, 2080-2089.	6.1	11
86	Genome classification improvements based on k-mer intervals in sequences. Genomics, 2019, 111, 1574-1582.	1.3	11
87	Mobility management based on mobile IP in mixed IPv4/IPv6 networks. , 2003, , .		10
88	An Efficient ARQ mechanism in Multi-Hop Relay Systems Based on IEEE 802.16 OFDMA. Vehicular Technology Conference-Fall (VTC-FALL), Proceedings, IEEE, 2007, , .	0.0	10
89	An enhanced packet scheduling algorithm combined with HARQ for HSDPA system. IEEE Communications Letters, 2008, 12, 247-249.	2.5	10
90	Efficient spectrum matching based on spectrum characteristics in cognitive radio systems. Wireless Telecommunications Symposium, 2009 WTS 2009, 2008, , .	0.0	10

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91	Enhanced power saving through increasing unavailability interval in the IEEE 802.16e systems. IEEE Communications Letters, 2010, 14, 24-26.	2.5	10
92	Load Based Cell Selection Algorithm for Faulted Handover in Indoor Femtocell Network. , 2011, , .		10
93	Optimal Design of Wireless Charging Electric Bus System Based on Reinforcement Learning. Energies, 2019, 12, 1229.	1.6	10
94	Comparison of UCA-OAM and UCA-MIMO systems for sub-THz band line-of-sight spatial multiplexing transmission. Journal of Communications and Networks, 2021, 23, 83-90.	1.8	10
95	Parity-based reliable multicast method for wireless LAN environments. , 0, , .		9
96	Piggybacking Scheme of MAP IE for Minimizing MAC Overhead in the IEEE 802.16e OFDMA Systems. Vehicular Technology Conference-Fall (VTC-FALL), Proceedings, IEEE, 2007, , .	0.0	9
97	Traffic density based power control scheme for femto AP. , 2010, , .		9
98	REMiner-II: A tool for rapid identification and configuration of repetitive element arrays from large mammalian chromosomes as a single query. Genomics, 2012, 100, 131-140.	1.3	9
99	New Cooperation-Based Channel State Acquisition Scheme for Ad Hoc Cognitive Radio Systems. IEEE Transactions on Vehicular Technology, 2013, 62, 3325-3338.	3.9	9
100	High-Order Modulation Based on Deep Neural Network for Physical-Layer Network Coding. IEEE Wireless Communications Letters, 2021, 10, 1173-1177.	3.2	9
101	Channel-borrowing handoff scheme based on user mobility in CDMA cellular systems. , 0, , .		8
102	Multi-code MAC for multi-hop wireless ad hoc networks. , 0, , .		8
103	Enhanced adaptive modulation and coding schemes based on multiple channel reportings for wireless multicast systems. , 0, , .		8
104	An enhanced channel-quality indication (CQI) reporting scheme for HSDPA systems. IEEE Communications Letters, 2005, 9, 432-434.	2.5	8
105	Traffic Adaptive Uplink Scheduling Scheme for Relay Station in IEEE 802.16 Based Multi-Hop System. Vehicular Technology Conference-Fall (VTC-FALL), Proceedings, IEEE, 2007, , .	0.0	8
106	Sensing Optimization Considering Sensing Capability of Cognitive Terminal in Cognitive Radio System. , 2008, , .		8
107	Downlink Power Control Scheme for Smart Antenna Based Wireless Systems. , 2010, , .		8
108	Novel Fastest Retransmission and Rate Control Schemes for Improving TCP Performance in Wireless Ad Hoc Networks. Wireless Personal Communications, 2014, 75, 557-567.	1.8	8

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109	Limited Feedback Hybrid Beamforming Based on Dual Polarized Array Antenna. IEEE Communications Letters, 2018, 22, 1486-1489.	2.5	8
110	Proportional Fair Resource Allocation in Energy Harvesting-Based Wireless Networks. IEEE Systems Journal, 2018, 12, 2399-2402.	2.9	8
111	A Fuzzy Logic Based Electric Vehicle Scheduling in Smart Charging Network. , 2019, , .		8
112	Measurements and Analysis of Radio Propagation at 28 GHz in Vegetated Areas of Typical Residential Environments. IEEE Transactions on Antennas and Propagation, 2020, 68, 4149-4154.	3.1	8
113	Wireless ATM MAC layer protocol for near optimal quality of service support. , 0, , .		7
114	Bandwidth tuning for fairness of DQDB in client-server traffic environments. IEEE Communications Letters, 2000, 4, 208-210.	2.5	7
115	Adaptive random access and resource allocation scheme based on traffic load in HiperLAN type2 system. IEEE Communications Letters, 2003, 7, 192-194.	2.5	7
116	Concurrent spectrum sensing and data transmission scheme in a CR system. , 2012, , .		7
117	Fairness-Aware Cooperative Resource Allocation for Self-Healing in SON-based Indoor System. IEEE Communications Letters, 2012, 16, 1030-1033.	2.5	7
118	Analysis of Pattern Gain of Compact Directional 16-port Antenna. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 902-905.	2.4	7
119	Cancer-Related Gene Signature Selection Based on Boosted Regression for Multilayer Perceptron. IEEE Access, 2020, 8, 64992-65004.	2.6	7
120	Soft handoff initiation control in CDMA cellular system. , 1999, , .		6
121	A novel adaptive routing scheme for the QoS-based multimedia services in mobile ad-hoc networks. , 1999, , .		6
122	Dynamic rate control based on interference and transmission power in 3GPP WCDMA system. , 0, , .		6
123	An efficient reverse link data rate control scheme for 1xEV-DV system. , 0, , .		6
124	Velocity estimation using adaptive array antennas. , 0, , .		6
125	A multiple access collision avoidance protocol for multicast services in mobile ad hoc networks. IEEE Communications Letters, 2003, 7, 508-510.	2.5	6
126	Fast retransmission mechanism for VoIP in IEEE 802.11e wireless LANs. , 0, , .		6

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127	Capacity enhancement of uplink channel through spatial reuse in multihop cellular networks. IEEE Communications Letters, 2006, 10, 76-78.	2.5	6
128	Cognition Based Seamless Transmissions by Using Underlay-Overlay Switching Method in Future Wireless Communication System. , 2007, , .		6
129	A New Neighbor Discovery Scheme Based on Spatial Correlation of Wireless Channel. , 2009, , .		6
130	Cooperation based resource allocation for improving inter-cell fairness in femtocell systems. , 2010, , .		6
131	REMiner: A tool for unbiased mining and analysis of repetitive elements and their arrangement structures of large chromosomes. Genomics, 2011, 98, 381-389.	1.3	6
132	Formation of cooperative cluster for coordinated transmission in multi-cell wireless networks. , 2013, , .		6
133	Simultaneous RTS and Sequential CTS Considering Multiple Cooperative Relays. IEEE Transactions on Vehicular Technology, 2013, 62, 2369-2374.	3.9	6
134	Novel Single-RF MIMO System Based on Repetitive Pulse Width Modulation. IEEE Communications Letters, 2016, 20, 165-168.	2.5	6
135	Estimation and Compensation for RF Chain Mismatch in UCA OAM Radio Systems. IEEE Communications Letters, 2018, 22, 2274-2277.	2.5	6
136	Performance Evaluation of Partially Clustered Access Scheme for Massive Machine Type Communications. IEEE Communications Letters, 2020, 24, 626-629.	2.5	6
137	Pairwise Heuristic Sequence Alignment Algorithm Based on Deep Reinforcement Learning. IEEE Open Journal of Engineering in Medicine and Biology, 2021, 2, 36-43.	1.7	6
138	A new macrocell/microcell selection method in multitier cellular system. , 0, , .		5
139	A prioritized random access with discriminative power ramping step size. , 0, , .		5
140	On effect of timer object for sleep mode operation in cdma2000 system. , 0, , .		5
141	Adaptive radio resource management based on cell load in CDMA-based hierarchical cell structure. , 0, , .		5
142	Enhanced power-saving mechanism for broadcast and multicast service in WLAN. IEEE Communications Letters, 2005, 9, 520-522.	2.5	5
143	Efficient Power Management Scheme Considering Inter-User QoS in Wireless LAN. , 2006, , .		5
144	OFDM Resource Allocation Scheme for Minimizing Power Consumption in Multicast Systems. , 2006, , .		5

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145	Resource Allocation Scheme for Minimizing Power Consumption in OFDMA Systems. Vehicular Technology Conference-Fall (VTC-FALL), Proceedings, IEEE, 2007, , .	0.0	5
146	CDMA Code-Based Bandwidth Request Mechanism in IEEE 802.16j Mobile Multi-Hop Relay (MMR)Systems. , 2008, , .		5
147	Pre-Buffering Scheme for Seamless Relay Handover in Relay Based Cellular Systems. , 2009, , .		5
148	Seamless spectrum handover improving cell outage in cognitive radio systems. , 2009, , .		5
149	Resource Allocation Scheme for Minimizing Uplink Interference in Hierarchical Cellular Networks. , 2010, , .		5
150	Fair Clustering for Energy Efficiency in a Cooperative Wireless Sensor Network. , 2012, , .		5
151	Large interrelated clusters of repetitive elements (REs) and RE arrays predominantly represent reference mouse chromosome Y. Chromosome Research, 2013, 21, 15-26.	1.0	5
152	DiBA: Distributed Bottleneck Alleviation Scheme in Wireless Multi-Hop Sensor Networks. IEEE Communications Letters, 2014, 18, 431-434.	2.5	5
153	Asynchronous Detection Algorithm for Diffusion-Based Molecular Communication in Timing Modulation Channel. IEEE Communications Letters, 2015, 19, 2114-2117.	2.5	5
154	Miniaturization of dipole antenna based on complex meta-material substrate and its application to MIMO system. , 2017, , .		5
155	Multi-User Hybrid Beamforming System Based on Deep Neural Network in Millimeter-Wave Communication. IEEE Access, 2020, 8, 91616-91623.	2.6	5
156	Design of Four-Port Integrated Monopole Antenna Using Refraction Effect of Dielectric Medium for Pattern Gain Enhancement. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 621-625.	2.4	5
157	ChannelAttention: Utilizing Attention Layers for Accurate Massive MIMO Channel Feedback. IEEE Wireless Communications Letters, 2021, 10, 1079-1082.	3.2	5
158	A MAC algorithm for energy-limited ad-hoc networks. , 0, , .		4
159	Group location management for transportation systems in wireless cellular systems. , 0, , .		4
160	A new access scheme for common packet channel in W-CDMA system. , 0, , .		4
161	Considering Spurious Timeout in Proxy for Improving TCP Performance in Wireless Networks. IEEE Communications Letters, 2004, 8, 30-32.	2.5	4
162	A Markovian approach for modeling IS-856 reverse link rate control. , 2004, , .		4

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163	Fast and Reliable Route Discovery Protocol Considering Mobility in Multihop Cellular Networks. , 0, , .		4
164	Novel Handover Decision Method in Wireless Communication Systems with Multiple Antennas. , 2006, , .		4
165	Control Overhead Reduction Based on Dedicated Retransmission Scheme in Reliable Multicast Services. IEEE Communications Letters, 2007, 11, 720-722.	2.5	4
166	Cell Selection Algorithm Based on Competition of Users in Hierarchical Cellular Networks. , 2010, , .		4
167	Efficient cell selection algorithm in hierarchical cellular networks: multi-user coordination. IEEE Communications Letters, 2010, 14, 157-159.	2.5	4
168	Modeling and analysis for the coexistence of PSC I and PSC II in the IEEE 802.16e system. , 2010, , .		4
169	Group-Based Channel Access Scheme for a V2I Communication System using Smart Antenna. IEEE Communications Letters, 2011, 15, 804-806.	2.5	4
170	Comparison of channel information acquisition schemes in cognitive radio system. , 2012, , .		4
171	Capacity Analysis of Neuro-spike Communication System for Nanonetworks. Procedia Computer Science, 2014, 37, 428-433.	1.2	4
172	Energy Cost Minimization Based on Decentralized Reinforcement Learning With Feedback for Stable Operation of Wireless Charging Electric Tram Network. IEEE Systems Journal, 2021, 15, 586-597.	2.9	4
173	A Self-Attention-Based I/Q Imbalance Estimator for Beyond 5G Communication Systems. IEEE Communications Letters, 2021, 25, 3262-3266.	2.5	4
174	Separated Random Linear Network Coding Based on Cooperative Medium Access Control. IEEE Networking Letters, 2021, 3, 66-69.	1.5	4
175	Local Alignment of DNA Sequence Based on Deep Reinforcement Learning. IEEE Open Journal of Engineering in Medicine and Biology, 2021, 2, 170-178.	1.7	4
176	An integrated scheduling algorithm in a wireless packet network with dynamic TDD. , 1999, , .		3
177	A new adaptive routing scheme based on the traffic characteristics in mobile ad hoc networks. , 0, , .		3
178	Performance analysis of an integrated voice/data CDMA system with dynamic admission/access control. , 0, , .		3
179	Dynamic random channel allocation scheme in HIPERLAN type 2. , 0, , .		3
180	Priority-based random access and resource allocation scheme for HiperLAN type2 system. , 0, , .		3

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181	Hybrid Access Scheme Based on One-Phase Preamble and Channel Monitoring/Assignment for Satellite Communications. IEEE Communications Letters, 2004, 8, 96-98.	2.5	3
182	A New Beacon Management Method in Case of Congestion in Wireless LANs. , 0, , .		3
183	An energy-efficient downlink multiple access control considering congestion in wireless LANs. IEEE Communications Letters, 2006, 10, 405-407.	2.5	3
184	Throughput Enhancement through Arranged Power-saving Mechanism in Wireless LAN. , 2006, , .		3
185	AMC-Based Transmission of Resource Allocation Messages for Short-Sized Packet Services. IEEE Communications Letters, 2007, 11, 577-579.	2.5	3
186	Hierarchical Scanning Algorithm for Integrated Mobile and Nomadic Access Systems. , 2008, , .		3
187	Adaptive interference estimation for directional transmission. , 2012, , .		3
188	Random Linear Network Coding Based on Outdated Channel-State Information. IEEE Communications Letters, 2015, 19, 1129-1132.	2.5	3
189	Implementation of WPT communication system based on SAE J2847 standard for electric vehicle. , 2017, , .		3
190	Semidynamic Cell-Clustering Algorithm Based on Reinforcement Learning in Cooperative Transmission System. IEEE Systems Journal, 2018, 12, 3853-3856.	2.9	3
191	Dual Polarized UCA-Based OAM Multi-Mode Transmission with Inter-Mode Spreading. , 2018, , .		3
192	A Novel Synchronous Duplexing Method for Long Distance Wireless Backhaul System. IEEE Wireless Communications Letters, 2019, 8, 761-764.	3.2	3
193	Deep Scanningâ€"Beam Selection Based on Deep Reinforcement Learning in Massive MIMO Wireless Communication System. Electronics (Switzerland), 2020, 9, 1844.	1.8	3
194	Feature selection algorithm based on dual correlation filters for cancer-associated somatic variants. BMC Bioinformatics, 2020, 21, 486.	1.2	3
195	An adaptive logical link control for wireless Internet service in ITS. , 1999, , .		2
196	The design and performance evaluation of high-speed packet data MAC protocol for CDMA based IMT2000. , 0, , .		2
197	A new routing scheme based on the terminal mobility in mobile ad-hoc networks. , 0, , .		2
198	Improved channel assignment scheme with access control for the common packet channel in WCDMA systems. IEEE Communications Letters, 2002, 6, 184-186.	2.5	2

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199	Title is missing!. Wireless Personal Communications, 2003, 26, 17-31.	1.8	2
200	An efficient power-saving protocol for internet traffic in wireless LANs. , 0, , .		2
201	Power management scheme considering priority in wireless LAN. , 0, , .		2
202	A novel two-phase access priority scheme in wireless communication systems. IEEE Communications Letters, 2005, 9, 216-218.	2.5	2
203	A New Power-Saving mechanism for WLAN Broadcast/Multicast services. , 0, , .		2
204	Directional antenna based time division scheduling in wireless ad hoc networks. , 2008, , .		2
205	A New Velocity Estimation Scheme Based on Spatial Correlation of Wireless Communication Channel. , 2009, , .		2
206	ECOS: Energy-efficient Camera Operating Scheme for large scale surveillance systems. , 2010, , .		2
207	REViewer: A tool for linear visualization of repetitive elements within a sequence query. Genomics, 2013, 102, 209-214.	1.3	2
208	Comparison of Channel State Acquisition Schemes in Cognitive Radio Environment. IEEE Transactions on Wireless Communications, 2014, 13, 2295-2307.	6.1	2
209	Opportunistic Schedulings for Random Linear Network Coding in Time Varying Channels. IEEE Communications Letters, 2015, 19, 1608-1611.	2.5	2
210	Autonomous Peer Discovery Scheme for D2D Communications Based on Spatial Correlation of Wireless Channel. IEICE Transactions on Communications, 2016, E99.B, 224-231.	0.4	2
211	Resource Allocation Scheme for Multihop Cellular Networks Using Directional Transmission. Wireless Personal Communications, 2017, 94, 3355-3369.	1.8	2
212	Performance Improvement of NOMA Scheme Based on Gain of Narrow and Wide Beams. IEEE Transactions on Vehicular Technology, 2018, 67, 7821-7825.	3.9	2
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