

# Dan Keun Sung

## List of Publications by Year in descending order

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337  
papers

4,852  
citations

159358

30  
h-index

161609

54  
g-index

337  
all docs

337  
docs citations

337  
times ranked

3584  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-user diversity in a spectrum sharing system. IEEE Transactions on Wireless Communications, 2009, 8, 102-106.	6.1	245
2	Solar Power Prediction Based on Satellite Images and Support Vector Machine. IEEE Transactions on Sustainable Energy, 2016, 7, 1255-1263.	5.9	241
3	A Network-Assisted User-Centric WiFi-Offloading Model for Maximizing Per-User Throughput in a Heterogeneous Network. IEEE Transactions on Vehicular Technology, 2014, 63, 1940-1945.	3.9	128
4	Enhanced Markov Chain Model and Throughput Analysis of the Slotted CSMA/CA for IEEE 802.15.4 Under Unsaturated Traffic Conditions. IEEE Transactions on Vehicular Technology, 2009, 58, 473-478.	3.9	107
5	Energy-efficient maneuvering and communication of a single UAV-based relay. IEEE Transactions on Aerospace and Electronic Systems, 2014, 50, 2320-2327.	2.6	107
6	A Street-Centric Opportunistic Routing Protocol Based on Link Correlation for Urban VANETs. IEEE Transactions on Mobile Computing, 2016, 15, 1586-1599.	3.9	101
7	The Effect of EV Aggregators With Time-Varying Delays on the Stability of a Load Frequency Control System. IEEE Transactions on Power Systems, 2018, 33, 669-680.	4.6	100
8	A Novel Random Access for Fixed-Location Machine-to-Machine Communications in OFDMA Based Systems. IEEE Communications Letters, 2012, 16, 1428-1431.	2.5	96
9	Interference-based channel assignment for DS-CDMA cellular systems. IEEE Transactions on Vehicular Technology, 1999, 48, 233-239.	3.9	88
10	A Neighbor Coverage-Based Probabilistic Rebroadcast for Reducing Routing Overhead in Mobile Ad Hoc Networks. IEEE Transactions on Mobile Computing, 2013, 12, 424-433.	3.9	87
11	Hourly Solar Irradiance Prediction Based on Support Vector Machine and Its Error Analysis. IEEE Transactions on Power Systems, 2016, , 1-1.	4.6	80
12	Capacities of single-code and multicode DS-CDMA systems accommodating multiclass services. IEEE Transactions on Vehicular Technology, 1999, 48, 376-384.	3.9	79
13	Spatial Group Based Random Access for M2M Communications. IEEE Communications Letters, 2014, 18, 961-964.	2.5	77
14	Optimal modulation and coding scheme selection in cellular networks with hybrid-ARQ error control. IEEE Transactions on Wireless Communications, 2008, 7, 5195-5201.	6.1	76
15	Adaptive Interference-Aware Multi-Channel Clustering Algorithm in a ZigBee Network in the Presence of WLAN Interference. , 2007, , .		63
16	An application of Markovian arrival process (MAP) to modeling superposed ATM cell streams. IEEE Transactions on Communications, 2002, 50, 633-642.	4.9	60
17	Optimal Rate Adaptation for Hybrid ARQ in Time-Correlated Rayleigh Fading Channels. IEEE Transactions on Wireless Communications, 2011, 10, 968-979.	6.1	59
18	An Enhanced Random Access Scheme With Spatial Group Based Reusable Preamble Allocation in Cellular M2M Networks. IEEE Communications Letters, 2015, 19, 1714-1717.	2.5	58

#	ARTICLE	IF	CITATIONS
19	Effect of Frame Aggregation on the Throughput Performance of IEEE 802.11n. , 2008, , .		55
20	Multiobjective Optimization in Cloud Brokering Systems for Connected Internet of Things. IEEE Internet of Things Journal, 2017, 4, 404-413.	5.5	55
21	The Effects of Cell Size on Energy Saving, System Capacity, and Per-Energy Capacity. , 2010, , .		51
22	A Street-Centric Routing Protocol Based on Microtopology in Vehicular Ad Hoc Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 5680-5694.	3.9	51
23	Adaptive Transmission Scheme for Mixed Multicast and Unicast Traffic in Cellular Systems. IEEE Transactions on Vehicular Technology, 2009, 58, 2899-2908.	3.9	50
24	Throughput, energy consumption, and energy efficiency of IEEE 802.15.6 body area network (BAN) MAC protocol. , 2012, , .		48
25	An Early Preamble Collision Detection Scheme Based on Tagged Preambles for Cellular M2M Random Access. IEEE Transactions on Vehicular Technology, 2017, 66, 5974-5984.	3.9	48
26	Characterization of soft handoff in CDMA systems. IEEE Transactions on Vehicular Technology, 1999, 48, 1195-1202.	3.9	46
27	Opportunistic Underlay Transmission in Multi-Carrier Cognitive Radio Systems. , 2009, , .		45
28	An Enhanced Access Reservation Protocol With a Partial Preamble Transmission Mechanism in NB-IoT Systems. IEEE Communications Letters, 2017, 21, 2270-2273.	2.5	43
29	Performance-Based Settlement of Frequency Regulation for Electric Vehicle Aggregators. IEEE Transactions on Smart Grid, 2018, 9, 866-875.	6.2	42
30	Orthogonal code hopping multiplexing. IEEE Communications Letters, 2002, 6, 529-531.	2.5	39
31	A Concurrent Transmission Based Broadcast Scheme for Urban VANETs. IEEE Transactions on Mobile Computing, 2019, 18, 1-12.	3.9	38
32	Capacity estimation for an SIR-based power-controlled CDMA system supporting ON-OFF traffic. IEEE Transactions on Vehicular Technology, 2000, 49, 1094-1101.	3.9	37
33	A shifted gamma distribution model for long-range dependent Internet traffic. IEEE Communications Letters, 2003, 7, 124-126.	2.5	37
34	An Estimated Distance-Based Routing Protocol for Mobile Ad hoc Networks. IEEE Transactions on Vehicular Technology, 2011, 60, 3473-3484.	3.9	37
35	Performance Analysis of Two Relay Selection Schemes for Cooperative Diversity. , 2007, , .		34
36	Exploring the Dynamic Nature of Mobile Nodes for Predicting Route Lifetime in Mobile Ad Hoc Networks. IEEE Transactions on Vehicular Technology, 2010, 59, 1567-1572.	3.9	34

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37	A Tradeoff Between Single-User and Multi-User MIMO Schemes in Multi-Rate Uplink WLANs. IEEE Transactions on Wireless Communications, 2011, 10, 3332-3342.	6.1	34
38	Capacity estimation for a multicode CDMA system with SIR-based power control. IEEE Transactions on Vehicular Technology, 2001, 50, 701-710.	3.9	33
39	Adaptive channel reservation scheme for soft handoff in DS-CDMA cellular systems. IEEE Transactions on Vehicular Technology, 2001, 50, 341-353.	3.9	32
40	RawPEACH: Multiband CSMA/CA-based cognitive radio networks. Journal of Communications and Networks, 2009, 11, 175-186.	1.8	32
41	Shortest-Latency Opportunistic Routing in Asynchronous Wireless Sensor Networks with Independent Duty-Cycling. IEEE Transactions on Mobile Computing, 2020, 19, 711-723.	3.9	32
42	Performance analysis of an elevator system during up-peak. Mathematical and Computer Modelling, 2009, 49, 423-431.	2.0	31
43	Delays-dependent region partitioning approach for stability criterion of linear systems with multiple time-varying delays. Automatica, 2018, 87, 389-394.	3.0	31
44	Log-likelihood ratio (LLR) conversion schemes in orthogonal code hopping multiplexing. IEEE Communications Letters, 2003, 7, 104-106.	2.5	30
45	Optimal Rate Selection for Persistent Scheduling with HARQ in Time-Correlated Nakagami-m Fading Channels. IEEE Transactions on Wireless Communications, 2011, 10, 637-647.	6.1	30
46	A Non-Orthogonal Resource Allocation Scheme in Spatial Group Based Random Access for Cellular M2M Communications. IEEE Transactions on Vehicular Technology, 2017, , 1-1.	3.9	30
47	A MIMO-Based Collision Mitigation Scheme in Uplink WLANs. IEEE Communications Letters, 2008, 12, 417-419.	2.5	29
48	A New Mileage Payment for EV Aggregators With Varying Delays in Frequency Regulation Service. IEEE Transactions on Smart Grid, 2018, 9, 2616-2624.	6.2	29
49	Interference mediation for coexistence of WLAN and ZigBee networks. , 2008, , .		28
50	A cooperative phase steering scheme in multi-relay node environments. IEEE Transactions on Wireless Communications, 2009, 8, 72-77.	6.1	28
51	The Effect of Cellular Network-Based Communication Delays in an EV Aggregator's Domain on Frequency Regulation Service. IEEE Transactions on Smart Grid, 2019, 10, 65-73.	6.2	28
52	Queueing model of sleep-mode operation in cellular digital packet data. IEEE Transactions on Vehicular Technology, 2003, 52, 1158-1162.	3.9	27
53	Mobility modeling and traffic analysis in three-dimensional high-rise building environments. IEEE Transactions on Vehicular Technology, 2000, 49, 1633-1640.	3.9	25
54	Optimization of Wireless Multicast Systems Employing Hybrid-ARQ with Chase Combining. IEEE Transactions on Vehicular Technology, 2010, 59, 3342-3355.	3.9	25

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55	A pre-whitening scheme in a MIMO-based spectrum-sharing environment. IEEE Communications Letters, 2008, 12, 831-833.	2.5	24
56	An empirical real-time approximation of waiting time distribution in MMPP(2)/D/1. IEEE Communications Letters, 1998, 2, 17-19.	2.5	23
57	A CAC scheme based on real-time cell loss estimation for ATM multiplexers. IEEE Transactions on Communications, 2000, 48, 252-258.	4.9	23
58	Performance comparison of downlink user multiplexing schemes in IEEE 802.11ac: Multi-user MIMO vs. frame aggregation. , 2012, , .		23
59	Fast, Efficient Broadcast Schemes Based on the Prediction of Dynamics in Vehicular Ad Hoc Networks. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 531-542.	4.7	23
60	Performance analysis of cross- and cigar-shaped urban microcells considering user mobility characteristics. IEEE Transactions on Vehicular Technology, 2000, 49, 105-116.	3.9	22
61	Capacity and Energy Efficiency of Multi-User Spectrum Sharing Systems with Opportunistic Scheduling. IEEE Transactions on Wireless Communications, 2009, 8, 2836-2841.	6.1	22
62	Cross-Layer Performance Analysis for CSMA/CA Protocols: Impact of Imperfect Sensing. IEEE Transactions on Vehicular Technology, 2010, 59, 1100-1108.	3.9	22
63	A group-based communication scheme based on the location information of MTC devices in cellular networks. , 2012, , .		22
64	Measurement-Based Admission Control at Edge Routers. IEEE/ACM Transactions on Networking, 2008, 16, 410-423.	2.6	21
65	Performance Analysis of IEEE 802.11e EDCA With a Virtual Collision Handler. IEEE Transactions on Vehicular Technology, 2008, 57, 1293-1297.	3.9	20
66	TCP transmission rate control mechanism based on channel utilization and contention ratio in AD hoc networks. IEEE Communications Letters, 2009, 13, 280-282.	2.5	20
67	A centralized EV charging scheme based on user satisfaction fairness and cost. , 2013, , .		20
68	Analysis of anomalous TDE data on-board the KITSAT-1. IEEE Transactions on Nuclear Science, 1999, 46, 1586-1594.	1.2	19
69	Mobility modeling and traffic analysis in three-dimensional indoor environments. IEEE Transactions on Vehicular Technology, 1998, 47, 546-557.	3.9	18
70	Steady state analysis of P-MIP mobility management. IEEE Communications Letters, 2003, 7, 278-280.	2.5	18
71	Analysis of a Mobility Management Scheme Considering Battery Power Conservation in IP-Based Mobile Networks. IEEE Transactions on Vehicular Technology, 2004, 53, 1882-1890.	3.9	18
72	Lifetime-Aware Leisure Degree Adaptive Routing Protocol for Mobile Ad Hoc Networks. , 2007, , .		18

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73	TCP Congestion Window Adaptation Through Contention Detection in Ad Hoc Networks. IEEE Transactions on Vehicular Technology, 2010, 59, 4578-4588.	3.9	18
74	Artificial Noise-Aided User Scheduling for Optimal Secrecy Multiuser Diversity. IEEE Communications Letters, 2017, 21, 528-531.	2.5	18
75	An Enhanced PRACH Preamble Detector for Cellular IoT Communications. IEEE Communications Letters, 2017, 21, 2678-2681.	2.5	18
76	A Preamble Collision Resolution Scheme via Tagged Preambles for Cellular IoT/M2M Communications. IEEE Transactions on Vehicular Technology, 2018, 67, 1825-1829.	3.9	18
77	A new fast handoff management scheme in ATM-based wireless mobile networks. , 0, , .		17
78	Performance Comparison of Uplink WLANs with Single-User and Multi-User MIMO Schemes. , 2008, , .		17
79	Transmit Power Optimization for Two-Way Relay Channels With Physical-Layer Network Coding. IEEE Communications Letters, 2015, 19, 151-154.	2.5	17
80	Effect of Prediction Error of Machine Learning Schemes on Photovoltaic Power Trading Based on Energy Storage Systems. Energies, 2019, 12, 1249.	1.6	17
81	Capacity evaluation for DS-CDMA systems with multi-class on/off traffic. IEEE Communications Letters, 1998, 2, 153-155.	2.5	16
82	Capacity analysis of spectrally overlaid macro/microcellular cdma systems supporting multiple types of traffic. IEEE Transactions on Vehicular Technology, 2003, 52, 333-346.	3.9	16
83	Capacity Improvement in CDMA Downlink With Orthogonal Code-Hopping Multiplexing. IEEE Transactions on Vehicular Technology, 2006, 55, 510-527.	3.9	16
84	Apartment-level electric vehicle charging coordination: peak load reduction and charging payment minimization. Energy and Buildings, 2020, 223, 110155.	3.1	16
85	Analysis of Throughput and Energy Consumption in a ZigBee Network Under the Presence of Bluetooth Interference. , 2007, , .		14
86	Capacity analysis of simple and opportunistic feedback schemes in OFDMA Systems. , 2007, , .		14
87	Hybrid Scheduling Algorithm for Guaranteeing QoS of Real-Time Traffic in High Speed Uplink Packet Access (HSUPA). , 2007, , .		14
88	A Public Goods Game Theory-Based Approach to Cooperation in VANETs Under a High Vehicle Density Condition. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 3995-4005.	4.7	14
89	Resource-Hopping-Based Grant-Free Multiple Access for 6G-Enabled Massive IoT Networks. IEEE Internet of Things Journal, 2021, 8, 15349-15360.	5.5	14
90	DS-CDMA reverse link channel assignment based on interference measurements. Electronics Letters, 1995, 31, 1897-1899.	0.5	13

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91	Soft handoff modeling in CDMA cellular systems. , 0, , .		13
92	Mobility and traffic analyses in three-dimensional PCS environments. IEEE Transactions on Vehicular Technology, 1998, 47, 537-545.	3.9	13
93	Admission control scheme for soft handoff in DS-CDMA cellular systems supporting voice and stream-type data services. IEEE Transactions on Vehicular Technology, 2002, 51, 1445-1459.	3.9	13
94	Effective bandwidth for a single server queueing system with fractional Brownian input. Performance Evaluation, 2005, 61, 203-223.	0.9	13
95	Goodput analysis of a WLAN with hidden nodes under a non-saturated condition. IEEE Transactions on Wireless Communications, 2009, 8, 2259-2264.	6.1	13
96	Prioritized random access for machine-to-machine communications in OFDMA based systems. , 2015, , .		13
97	Message-Embedded Random Access for Cellular M2M Communications. IEEE Communications Letters, 2016, 20, 902-905.	2.5	13
98	Adaptive Multiuser Scheduling for Simultaneous Wireless Information and Power Transfer in a Multicell Environment. IEEE Transactions on Wireless Communications, 2017, 16, 7460-7474.	6.1	13
99	High-performance variable-length packet scheduling algorithm for IP traffic. , 0, , .		13
100	Bit-error probabilities of multicode direct-sequence spread-spectrum multiple-access systems. IEEE Transactions on Communications, 2001, 49, 31-34.	4.9	12
101	Collision Mitigation by Log-Likelihood Ratio (LLR) Conversion in Orthogonal Code-Hopping Multiplexing. IEEE Transactions on Vehicular Technology, 2006, 55, 709-718.	3.9	12
102	A Throughput Balancing Problem between Uplink and Downlink in Multi-user MIMO-Based WLAN Systems. , 2009, , .		12
103	Power allocation policies with full and partial inter-system channel state information for cognitive radio networks. Wireless Networks, 2013, 19, 99-113.	2.0	12
104	Dynamic Access Control With Resource Limitation for Group Paging-Based Cellular IoT Systems. IEEE Internet of Things Journal, 2018, 5, 5065-5075.	5.5	12
105	An Adaptive WLAN Interference Mitigation Scheme for ZigBee Sensor Networks. International Journal of Distributed Sensor Networks, 2015, 11, 851289.	1.3	12
106	Orthogonal code hopping multiplexing for downlink statistical multiplexing. , 0, , .		11
107	Traffic management in a multicode CDMA system supporting soft handoffs. IEEE Transactions on Vehicular Technology, 2002, 51, 52-62.	3.9	11
108	A Spare Bandwidth Sharing Scheme Based on Network Reliability. IEEE Transactions on Reliability, 2005, 54, 123-132.	3.5	11

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109	Analysis of throughput in a ZigBee network under the presence of WLAN interference. , 2007, , .		11
110	Ubiquitous Wearable Computer (UWC)-Aided Coexistence Algorithm in an Overlaid Network Environment of WLAN and ZigBee Networks. , 2007, , .		11
111	Two-Dimensional Channel Estimation and Prediction for Scheduling in Cellular Networks. IEEE Transactions on Vehicular Technology, 2009, 58, 2727-2740.	3.9	11
112	Placement of WiFi access points for efficient WiFi offloading in an overlay network. , 2013, , .		11
113	Modeling and analysis of CDMA soft handoff. , 0, , .		10
114	Moving elevator-cell system in indoor buildings. IEEE Transactions on Vehicular Technology, 2000, 49, 1743-1751.	3.9	10
115	Radio resource management in multiple-chip-rate DS/CDMA systems supporting multiclass services. IEEE Transactions on Vehicular Technology, 2001, 50, 723-736.	3.9	10
116	Probing-Based Estimation of End-to-End Available Bandwidth. IEEE Communications Letters, 2004, 8, 400-402.	2.5	10
117	Bandwidth optimization for Internet traffic in generalized processor sharing servers. IEEE Transactions on Parallel and Distributed Systems, 2005, 16, 324-334.	4.0	10
118	MCS selection algorithms for a persistent allocation scheme to accommodate VoIP services in IEEE 802.16e OFDMA system. , 2009, , .		10
119	Power Saving Mechanism in IEEE 802.16m. , 2010, , .		10
120	Adaptive transmission power control and rate selection scheme for maximizing energy efficiency of IEEE 802.11 stations. , 2012, , .		10
121	Low-Complexity Rate Selection of HARQ With Chase Combining in Rayleigh Block-Fading Channels. IEEE Transactions on Vehicular Technology, 2013, 62, 2818-2824.	3.9	10
122	Modeling of Power Consumption for Macro-, Micro-, and RRH-Based Base Station Architectures. , 2014, , .		10
123	Prioritized Random Access for Accommodating M2M and H2H Communications in Cellular Networks. , 2015, , .		10
124	An energy-efficient WiFi offloading model in a heterogeneous network. , 2014, , .		9
125	Low-complexity maneuvering control of a UAV-based relay without location information of mobile ground nodes. , 2014, , .		9
126	Stability Analysis of $\frac{1}{1-\alpha}$ Persistent Slotted CSMA Systems With Finite Population. IEEE Transactions on Communications, 2014, 62, 4373-4386.	4.9	9



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127	The effects of handoffs on microcell-based PCN networks. , 0, , .		8
128	A Joint Power Control, Link Scheduling and Rate Control Algorithm for Wireless Ad Hoc Networks. , 2007, , .		8
129	Performance Analysis of Orthogonal Frequency and Code Hopping Multiplexing. IEEE Transactions on Wireless Communications, 2007, 6, 3803-3815.	6.1	8
130	Performance Analysis of Orthogonal-Code Hopping Multiplexing Systems With Repetition, Convolutional, and Turbo Coding Schemes. IEEE Transactions on Vehicular Technology, 2008, 57, 932-944.	3.9	8
131	Capacity Analysis of an Opportunistic Scheduling System in a Spectrum Sharing Environment. , 2008, , .		8
132	Analysis of CSMA/CA Systems under Carrier Sensing Error: Throughput, Delay and Sensitivity. , 2008, , .		8
133	Rate-Adaptation-Based Cooperative Hybrid-ARQ Relaying Scheme in Rayleigh Block-Fading Channels. IEEE Transactions on Vehicular Technology, 2011, 60, 4640-4645.	3.9	8
134	Performance analysis of incremental redundancy type hybrid ARQ for finite-length packets in AWGN channel. , 2013, , .		8
135	Effect of aggregation for multi-site photovoltaic (PV) farms. , 2015, , .		8
136	Fair Channel Access in Uplink WLANs Supporting Multi-Packet Reception With Multi-User MIMO. IEEE Communications Letters, 2016, 20, 2075-2078.	2.5	8
137	Artificial Noise-Aided User Scheduling From the Perspective of Secrecy Outage Probability. IEEE Transactions on Vehicular Technology, 2018, 67, 7816-7820.	3.9	8
138	Analysis of priority queueing system based on thresholds and its application to signaling system no. 7 with congestion control. Computer Networks, 2000, 32, 149-170.	3.2	7
139	A comparison of system performance using two different chip pulses in multiple-chip-rate DS/CDMA systems. IEEE Transactions on Communications, 2001, 49, 1988-1996.	4.9	7
140	Capacities of spectrally overlaid single-code and multicode CDMA systems. IEEE Transactions on Vehicular Technology, 2002, 51, 839-854.	3.9	7
141	Random FH-OFDMA System Based on Statistical Multiplexing. , 0, , .		7
142	A distributed LSP scheme to reduce spare bandwidth demand in MPLS networks. IEEE Transactions on Communications, 2006, 54, 1277-1288.	4.9	7
143	Performance Analysis of Scheduling-Based Systems in Rayleigh Fading Channels. , 2006, , .		7
144	Sub-band spreading technique for adaptive modulation in OFDM systems. Journal of Communications and Networks, 2008, 10, 71-78.	1.8	7

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145	Modeling and analysis of an energy-efficient sleep-mode operation in IEEE 802.16e system. , 2012, , .		7
146	Scaling Laws of Energy Efficiency Related Metrics for Varying Cell Radii in Downlink Cellular Systems. IEEE Communications Letters, 2013, 17, 525-528.	2.5	7
147	Spectral-, energy-, & cost-efficient deployment of small cells in a HetNet topology. , 2014, , .		7
148	A random access scheme based on a special preamble for supporting emergency alarms. , 2014, , .		7
149	Effects of Multiple Antennas and Imperfect Channel Knowledge on Secrecy Multiuser Diversity. IEEE Communications Letters, 2015, 19, 1564-1567.	2.5	7
150	Transmit power optimization for prioritized random access in OFDMA based systems. , 2016, , .		7
151	Performance analysis of a Leaky Bucket scheme with a threshold in the data buffer. Computer Networks, 1997, 29, 781-795.	1.0	6
152	Hybrid channel assignment scheme for accommodating voice/data traffic in DS-CDMA cellular systems. IEEE Transactions on Vehicular Technology, 2000, 49, 1566-1577.	3.9	6
153	Effect of personal mobility management in mobile communication networks. IEEE Transactions on Vehicular Technology, 2003, 52, 1254-1269.	3.9	6
154	Adaptive code rate for orthogonal code hopping multiplexing (OCHM) in synchronous downlink. , 0, , .		6
155	Performance of VoIP in HSDPA based on an adaptive power allocation scheme. , 2006, , .		6
156	Modeling and Analysis of an Energy-Efficient Mobility Management Scheme in IP-Based Wireless Networks. Sensors, 2011, 11, 11273-11294.	2.1	6
157	Optimal rate selection scheme in a two-hop relay network adopting Chase combining HARQ in Rayleigh block-fading channels. , 2012, , .		6
158	Effects of Heterogenous Mobility on Rate Adaptation and User Scheduling in Cellular Networks With HARQ. IEEE Transactions on Vehicular Technology, 2013, 62, 2735-2748.	3.9	6
159	Design criteria on a mmWave-based small cell with directional antennas. , 2014, , .		6
160	Enhanced spatial group based random access for cellular M2M communications. , 2015, , .		6
161	Handoff management in CDMA systems with a mixture of low rate and high rate traffics. , 0, , .		5
162	Satellite selection scheme for reducing handover attempts in LEO satellite communication systems. International Journal of Satellite Communications and Networking, 1998, 16, 197-208.	0.6	5

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163	A movable safety zone scheme in urban fiber-optic microcellular systems. IEEE Transactions on Vehicular Technology, 1999, 48, 1099-1109.	3.9	5
164	Capacity Estimation in Multiple-Chip-Rate DS/CDMA Systems Supporting Multimedia Services. Wireless Personal Communications, 2000, 14, 29-47.	1.8	5
165	The UniMIN switch architecture for large-scale ATM switches. IEEE/ACM Transactions on Networking, 2000, 8, 109-120.	2.6	5
166	Analysis of handover characteristics in shadowed LEO satellite communication networks. International Journal of Satellite Communications and Networking, 2001, 19, 581-600.	0.6	5
167	Protection against cochannel interference from neighboring cells using down-tilting of antenna beams. , 0, , .		5
168	Steady state analysis of mobile station state transition for General Packet Radio Service. , 0, , .		5
169	Spacecraft Charging for Microsatellite KITSAT-3. Journal of Spacecraft and Rockets, 2003, 40, 875-881.	1.3	5
170	Energy-Aware Communication Module Selection through ZigBee Paging for Ubiquitous Wearable Computers with Multiple Radio Interfaces. , 2007, , .		5
171	A hybrid radio resource management scheme for uplink relay-based cellular networks. , 2009, , .		5
172	Estimation of available bandwidth for an $M/G/1$ queueing system. Applied Mathematical Modelling, 2009, 33, 3299-3308.	2.2	5
173	Channel efficiency-based transmission rate control for congestion avoidance in wireless ad hoc networks. IEEE Communications Letters, 2009, 13, 706-708.	2.5	5
174	Adaptive Real-Time Polling Service for On-Line Gaming Traffic in IEEE 802.16e/m System. IEEE Communications Letters, 2010, 14, 987-989.	2.5	5
175	Coordinated dynamic physical carrier sensing based on local optimization in wireless ad hoc networks. , 2013, , .		5
176	Optimal candidate set for opportunistic routing in asynchronous wireless sensor networks. , 2014, , .		5
177	A novel handover scheme to support small-cell users in a HetNet environment. , 2015, , .		5
178	HARQ Rate Selection Schemes in a Multihop Relay Network With a Delay Constraint. IEEE Transactions on Vehicular Technology, 2015, 64, 2333-2348.	3.9	5
179	Hybrid ARQ-Based Fairness Enhancement in Uplink WLAN. IEEE Transactions on Wireless Communications, 2018, 17, 4362-4373.	6.1	5
180	An Opportunistic Power Control Scheme for Mitigating User Location Tracking Attacks in Cellular Networks. IEEE Transactions on Information Forensics and Security, 2022, 17, 1131-1144.	4.5	5

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181	Capacity calculation in DS-CDMA systems supporting multi-class services. , 0, , .		4
182	High reuse efficiency of radio resources in urban microcellular systems. IEEE Transactions on Vehicular Technology, 2000, 49, 1669-1677.	3.9	4
183	Uplink transmit power control during soft handoff in DS/CDMA systems. , 0, , .		4
184	Four-sector cross-shaped urban microcellular systems with intelligent switched-beam antennas. IEEE Transactions on Vehicular Technology, 2001, 50, 592-604.	3.9	4
185	Fluid simulation for self-similar traffic in generalized processor sharing servers. IEEE Communications Letters, 2003, 7, 272-274.	2.5	4
186	Determining the optimum threshold values of MCS levels for retransmission packets in HARQ schemes. , 0, , .		4
187	Effect of other-cell interference on multiuser diversity in cellular networks. , 2007, , .		4
188	Fixed power allocation with nulling for TDD-based cellular uplink. IEEE Communications Letters, 2008, 12, 253-255.	2.5	4
189	Cross-layer performance analysis for CSMA/CA system: Impact of imperfect sensing. , 2008, , .		4
190	Adaptive beamforming antenna scheme to minimize the interference in a unmanned aerial vehicle (UAV) MANET. , 2009, , .		4
191	Virtually Dedicated Resource Allocation for VoIP Traffic in the Downlink Mobile WiMAX System With Hybrid ARQ. IEEE Transactions on Vehicular Technology, 2011, 60, 514-527.	3.9	4
192	Resource Minimization for Hybrid ARQ System with Real-Time Traffic in Time-Correlated Rayleigh Fading Channels. , 2011, , .		4
193	Energy-efficient subchannel allocation scheme based on adaptive base station cooperation in downlink cellular networks. , 2012, , .		4
194	A dynamic point of preferred operation (PPO) scheme for charging electric vehicles in a residential area. , 2013, , .		4
195	Interference dynamics in MANETs with a random direction node mobility model. , 2013, , .		4
196	A probabilistic broadcast algorithm based on the connectivity information of predictable rendezvous nodes in mobile ad hoc networks. , 2014, , .		4
197	A comprehensive analysis of association process for IEEE 802.15.4 wireless networks. International Journal of Ad Hoc and Ubiquitous Computing, 2014, 16, 70.	0.3	4
198	Lightweight Self-Adapting Linear Prediction Algorithms for Wireless Sensor Networks. IEEE Sensors Journal, 2015, 15, 3050-3058.	2.4	4

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