

# Kyung Sup Kwak

## List of Publications by Year in descending order

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214  
papers

8,984  
citations

117625

34  
h-index

45317

90  
g-index

215  
all docs

215  
docs citations

215  
times ranked

8886  
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance Analysis of Cooperative OFDM-QIM System With Per-Subcarrier Relay Selection. IEEE Systems Journal, 2023, 17, 2304-2314.	4.6	0
2	LAKE-6SH: Lightweight User Authenticated Key Exchange for 6LoWPAN-Based Smart Homes. IEEE Internet of Things Journal, 2022, 9, 2578-2591.	8.7	26
3	FMCPDR: Flexible Multiparameter-Based Channel Prediction and Ranking for CR-Enabled Massive IoT. IEEE Internet of Things Journal, 2022, 9, 7151-7165.	8.7	6
4	Learning-Aided Dynamic Access Control in MEC-Enabled Green IoT Networks: A Convolutional Reinforcement Learning Approach. IEEE Transactions on Vehicular Technology, 2022, 71, 2098-2109.	6.3	10
5	An Efficient 5G Data Plan Approach Based on Partially Distributed Mobility Architecture. Sensors, 2022, 22, 349.	3.8	13
6	Environment Friendly Energy Cooperation in Neighboring Buildings: A Transformed Linearization Approach. Energies, 2022, 15, 1160.	3.1	4
7	Delay Analysis of Mobile Edge Computing Using Poisson Cluster Process Modeling: A Stochastic Network Calculus Perspective. IEEE Transactions on Communications, 2022, 70, 2532-2546.	7.8	8
8	Introducing Cloud-Assisted Micro-Service-Based Software Development Framework for Healthcare Systems. IEEE Access, 2022, 10, 33332-33348.	4.2	6
9	Light-Weight Secure Aggregated Data Sharing in IoT-Enabled Wireless Sensor Networks. IEEE Access, 2022, 10, 33571-33585.	4.2	12
10	Generalized Quadrature Space-Frequency Index Modulation System With Low-Complexity Detection. IEEE Systems Journal, 2022, 16, 6535-6545.	4.6	1
11	Context-Based Fake News Detection Model Relying on Deep Learning Models. Electronics (Switzerland), 2022, 11, 1255.	3.1	15
12	On the Statistical Delay Performance of Large-Scale IoT Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 8967-8979.	6.3	3
13	Multiobjective Oriented Task Scheduling in Heterogeneous Mobile Edge Computing Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 8955-8966.	6.3	18
14	An intelligent healthcare monitoring framework using wearable sensors and social networking data. Future Generation Computer Systems, 2021, 114, 23-43.	7.5	215
15	Energy-efficient resource allocation for multi-RAT networks under time average QoS constraint. Wireless Networks, 2021, 27, 323-338.	3.0	1
16	Milled Microchannel-Assisted Open D-Channel Photonic Crystal Fiber Plasmonic Biosensor. IEEE Access, 2021, 9, 2924-2933.	4.2	22
17	Machine Learning and Deep Learning Approaches for Brain Disease Diagnosis: Principles and Recent Advances. IEEE Access, 2021, 9, 37622-37655.	4.2	69
18	On the Intercept Probability and Secure Outage Analysis of Mixed (i)±(i) â€“ (i)±(i) â€“ Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	4.2	6

#	ARTICLE	IF	CITATIONS
19	Secrecy Performance Analysis of Mixed $\alpha$ - $\eta$ and Exponentiated Weibull RF-FSO Cooperative Relaying System. IEEE Access, 2021, 9, 72342-72356.	4.2	24
20	Deep Learning Based Resource Availability Prediction for Local Mobile Crowd Computing. IEEE Access, 2021, 9, 116647-116671.	4.2	10
21	A multilayer multimodal detection and prediction model based on explainable artificial intelligence for Alzheimer's disease. Scientific Reports, 2021, 11, 2660.	3.3	125
22	A Cartesian Genetic Programming Based Parallel Neuroevolutionary Model for Cloud Server's CPU Usage Prediction. Electronics (Switzerland), 2021, 10, 67.	3.1	5
23	Long-Term Max-Min Fairness Guarantee Mechanism for Integrated Multi-RAT and MEC Networks. IEEE Transactions on Vehicular Technology, 2021, 70, 2478-2492.	6.3	7
24	Traffic accident detection and condition analysis based on social networking data. Accident Analysis and Prevention, 2021, 151, 105973.	5.7	99
25	Proactive Online Power Allocation for Uplink NOMA-IoT Networks With Delayed Gradient Feedback. IEEE Wireless Communications Letters, 2021, 10, 869-872.	5.0	1
26	A highly sensitive quadruple D-shaped open channel photonic crystal fiber plasmonic sensor: A comparative study on materials effect. Results in Physics, 2021, 23, 104050.	4.1	19
27	Wearable-Sensors-Based Platform for Gesture Recognition of Autism Spectrum Disorder Children Using Machine Learning Algorithms. Sensors, 2021, 21, 3319.	3.8	20
28	Intelligent Computation Offloading for IoT Applications in Scalable Edge Computing Using Artificial Bee Colony Optimization. Complexity, 2021, 2021, 1-12.	1.6	19
29	A Framework for Maternal Physical Activities and Health Monitoring Using Wearable Sensors. Sensors, 2021, 21, 4949.	3.8	13
30	Control-Aware Energy-Efficient Transmissions for Wireless Control Systems With Short Packets. IEEE Internet of Things Journal, 2021, 8, 14920-14933.	8.7	5
31	A Novel Coarse-to-Fine Sea-Land Segmentation Technique Based on Superpixel Fuzzy C-Means Clustering and Modified Chan-Vese Model. IEEE Access, 2021, 9, 53902-53919.	4.2	8
32	A Systematic Review of Bio-Cyber Interface Technologies and Security Issues for Internet of Bio-Nano Things. IEEE Access, 2021, 9, 93529-93566.	4.2	20
33	Numerical Design and Investigation of Circularly Segmented Air Holes-Assisted Hollow-Core Terahertz Waveguide as Optical Chemical Sensor. IEEE Access, 2021, 9, 86155-86165.	4.2	10
34	Impact of Aperture Averaging and Antenna Correlation on the Secrecy Outage Performance over Mixed RF-FSO Cooperative System under Simultaneous RF and FSO Eavesdropping Attempts. , 2021, , .		0
35	Opportunistic Relay Selection Over Generalized Fading and Inverse Gamma Composite Fading Mixed Multicast Channels: A Secrecy Tradeoff. IEEE Access, 2021, 9, 166184-166205.	4.2	1
36	Hybrid CNN-SVD Based Prominent Feature Extraction and Selection for Grading Diabetic Retinopathy Using Extreme Learning Machine Algorithm. IEEE Access, 2021, 9, 152261-152274.	4.2	30

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37	Kinship verification and recognition based on handcrafted and deep learning feature-based techniques. <i>PeerJ Computer Science</i> , 2021, 7, e735.	4.5	4
38	PROM1 and PROM2 expression differentially modulates clinical prognosis of cancer: a multiomics analysis. <i>Cancer Gene Therapy</i> , 2020, 27, 147-167.	4.6	47
39	Online Spectrum Partitioning for LTE-U and WLAN Coexistence in Unlicensed Spectrum. <i>IEEE Transactions on Communications</i> , 2020, 68, 506-520.	7.8	11
40	Duplicate Bug Report Detection and Classification System Based on Deep Learning Technique. <i>IEEE Access</i> , 2020, 8, 200749-200763.	4.2	30
41	Deep Feature Extraction and Classification of Android Malware Images. <i>Sensors</i> , 2020, 20, 7013.	3.8	51
42	Multimodal multitask deep learning model for Alzheimer's disease progression detection based on time series data. <i>Neurocomputing</i> , 2020, 412, 197-215.	5.9	116
43	User Scheduling and Energy Management with QoS Provisioning for NOMA-based M2M Communications. , 2020, , .		1
44	Optimal Control-Aware Transmission for Mission-Critical M2M Communications Under Bandwidth Cost Constraints. <i>IEEE Transactions on Communications</i> , 2020, 68, 5924-5937.	7.8	3
45	Detecting Congestive Heart Failure by Extracting Multimodal Features and Employing Machine Learning Techniques. <i>BioMed Research International</i> , 2020, 2020, 1-19.	1.9	49
46	Face Segmentation: A Journey From Classical to Deep Learning Paradigm, Approaches, Trends, and Directions. <i>IEEE Access</i> , 2020, 8, 58683-58699.	4.2	13
47	A smart healthcare monitoring system for heart disease prediction based on ensemble deep learning and feature fusion. <i>Information Fusion</i> , 2020, 63, 208-222.	19.1	429
48	QoS-Driven Stochastic Analysis for Heterogeneous Cognitive Radio Networks. , 2020, , .		0
49	Wearable Internet-of-Things platform for human activity recognition and health care. <i>International Journal of Distributed Sensor Networks</i> , 2020, 16, 155014772091156.	2.2	17
50	An Enhanced Anomaly Detection in Web Traffic Using a Stack of Classifier Ensemble. <i>IEEE Access</i> , 2020, 8, 24120-24134.	4.2	54
51	Forgery Detection and Localization of Modifications at the Pixel Level. <i>Symmetry</i> , 2020, 12, 137.	2.2	5
52	A Novel Energy Supply Strategy for Stable Sensor Data Delivery in Wireless Sensor Networks. <i>IEEE Systems Journal</i> , 2020, 14, 3418-3429.	4.6	18
53	RDSP: Rapidly Deployable Wireless Ad Hoc System for Post-Disaster Management. <i>Sensors</i> , 2020, 20, 548.	3.8	10
54	Rate Splitting for Uplink NOMA With Enhanced Fairness and Outage Performance. <i>IEEE Transactions on Wireless Communications</i> , 2020, 19, 4657-4670.	9.2	57

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55	Advancing Modern Healthcare With Nanotechnology, Nanobiosensors, and Internet of Nano Things: Taxonomies, Applications, Architecture, and Challenges. <i>IEEE Access</i> , 2020, 8, 65230-65266.	4.2	82
56	A case-base fuzzification process: diabetes diagnosis case study. <i>Soft Computing</i> , 2019, 23, 5815-5834.	3.6	6
57	5G Software-Defined Heterogeneous Networks With Cooperation and Partial Connectivity. <i>IEEE Access</i> , 2019, 7, 72577-72590.	4.2	9
58	Dynamic MAC Frame Configuration and PSO-Based Optimal Resource Allocation in Multi-channel Cognitive Radio Ad-Hoc Networks. <i>Wireless Personal Communications</i> , 2019, 109, 595-620.	2.7	4
59	Actor-Critic-Algorithm-Based Accurate Spectrum Sensing and Transmission Framework and Energy Conservation in Energy-Constrained Wireless Sensor Network-Based Cognitive Radios. <i>Wireless Communications and Mobile Computing</i> , 2019, 2019, 1-12.	1.2	6
60	AEF: Adaptive En-Route Filtering to Extend Network Lifetime in Wireless Sensor Networks. <i>Sensors</i> , 2019, 19, 4036.	3.8	8
61	Mobile Health Technologies for Diabetes Mellitus: Current State and Future Challenges. <i>IEEE Access</i> , 2019, 7, 21917-21947.	4.2	32
62	Adaptive Rate Splitting for Uplink Non-Orthogonal Multiple Access Systems. , 2019, , .		4
63	Protocol Design and Resource Allocation for LTE-U System Utilizing Licensed and Unlicensed Bands. <i>IEEE Access</i> , 2019, 7, 67068-67080.	4.2	9
64	Benchmarking large-scale data management for Internet of Things. <i>Journal of Supercomputing</i> , 2019, 75, 8207-8230.	3.6	7
65	A Comprehensive Medical Decision-Support Framework Based on a Heterogeneous Ensemble Classifier for Diabetes Prediction. <i>Electronics (Switzerland)</i> , 2019, 8, 635.	3.1	23
66	A mobile health monitoring-and-treatment system based on integration of the SSN sensor ontology and the HL7 FHIR standard. <i>BMC Medical Informatics and Decision Making</i> , 2019, 19, 97.	3.0	57
67	Two-Timescale Resource Allocation for Wireless Powered D2D Communications With Self-Interested Nodes. <i>IEEE Access</i> , 2019, 7, 10857-10869.	4.2	6
68	Smart Real-Time Video Surveillance Platform for Drowsiness Detection Based on Eyelid Closure. <i>Wireless Communications and Mobile Computing</i> , 2019, 2019, 1-9.	1.2	21
69	Transportation sentiment analysis using word embedding and ontology-based topic modeling. <i>Knowledge-Based Systems</i> , 2019, 174, 27-42.	7.1	131
70	Minimum-Cost Offloading for Collaborative Task Execution of MEC-Assisted Platooning. <i>Sensors</i> , 2019, 19, 847.	3.8	24
71	Hybrid Fuzzy Logic Scheme for Efficient Channel Utilization in Cognitive Radio Networks. <i>IEEE Access</i> , 2019, 7, 24463-24476.	4.2	48
72	Design and Implementation of Directional Sensors for Privacy-Ensured Device-Free Target Localization in Indoor Environment. <i>Wireless Communications and Mobile Computing</i> , 2019, 2019, 1-8.	1.2	0

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73	A Fibrosis Diagnosis Clinical Decision Support System Using Fuzzy Knowledge. Arabian Journal for Science and Engineering, 2019, 44, 3781-3800.	3.0	5
74	Dynamic power and subcarrier allocation for downlink OFDMA systems under imperfect CSI. Wireless Networks, 2019, 25, 545-558.	3.0	7
75	Impact of mobility on energy consumption in wireless networks. Wireless Networks, 2019, 25, 2249-2258.	3.0	0
76	Interoperable Internet-of-Things platform for smart home system using Web-of-Objects and cloud. Sustainable Cities and Society, 2018, 38, 636-646.	10.4	68
77	Energy efficiency and spectral efficiency tradeoff in downlink OFDMA systems with imperfect CSI. AEU - International Journal of Electronics and Communications, 2018, 85, 54-58.	2.9	8
78	Rate allocation and relaying strategy adaption in wireless relay networks. Wireless Networks, 2018, 24, 2669-2683.	3.0	0
79	An Internet of Things-based health prescription assistant and its security system design. Future Generation Computer Systems, 2018, 82, 422-439.	7.5	105
80	Energy Efficient Nano-Node Association and Resource Allocation for Hierarchical Nano-Communication Networks. IEEE Transactions on Molecular, Biological, and Multi-Scale Communications, 2018, 4, 208-220.	2.1	6
81	Resource Allocation for Time-Variant Channels in the Nano-communication Networks. , 2018, , .		3
82	Fair Resource Allocation with QoS Guarantee in Secure Multiuser TDMA Networks. Wireless Communications and Mobile Computing, 2018, 2018, 1-10.	1.2	2
83	QoS Guaranteed Power and Sub-Carrier Allocation for Uplink OFDMA Networks. IEICE Transactions on Communications, 2018, E101.B, 1021-1028.	0.7	0
84	Modulation Set Optimization for the Improved Complex Quadrature SM. Wireless Communications and Mobile Computing, 2018, 2018, 1-12.	1.2	8
85	Decode-and-Forward Relaying for Cooperative NOMA Systems With Direct Links. IEEE Transactions on Wireless Communications, 2018, 17, 8077-8093.	9.2	79
86	Priority-Based Cloud Computing Architecture for Multimedia-Enabled Heterogeneous Vehicular Users. Journal of Advanced Transportation, 2018, 2018, 1-12.	1.7	11
87	SNOMED CT standard ontology based on the ontology for general medical science. BMC Medical Informatics and Decision Making, 2018, 18, 76.	3.0	55
88	Neural-Network Aided Dynamic Control for Delivering Media Streams in Selfish Wireless Networks With Unknown Node-Selfishness. IEEE Access, 2018, 6, 31759-31771.	4.2	4
89	Opportunistic relaying for cooperative small-cell systems with unreliable wireless backhauls. , 2018, , .		1
90	Multiuser full-duplex relaying with unreliable backhauls under spectrum sharing environment. , 2018, , .		0

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91	An Ontology-Based Interpretable Fuzzy Decision Support System for Diabetes Diagnosis. IEEE Access, 2018, 6, 37371-37394.	4.2	58
92	RaptorQ-Based Efficient Multimedia Transmission Over Cooperative Cellular Cognitive Radio Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 7275-7289.	6.3	22
93	DMTO: a realistic ontology for standard diabetes mellitus treatment. Journal of Biomedical Semantics, 2018, 9, 8.	1.6	60
94	User Perceived Qos Provisioning for Video Streaming in Wireless OFDMA Systems: Admission Control and Resource Allocation. IEEE Access, 2018, 6, 44747-44762.	4.2	5
95	On Downlink NOMA in Heterogeneous Networks With Non-Uniform Small Cell Deployment. IEEE Access, 2018, 6, 31099-31109.	4.2	36
96	Algebraic connectivity aided energy-efficient topology control in selfish ad hoc networks. Wireless Networks, 2017, 23, 1331-1341.	3.0	3
97	Quality-oriented Rate Control and Resource Allocation in Time-Varying OFDMA Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 2324-2338.	6.3	37
98	Distortion Minimization in Wireless Sensor Networks With Energy Harvesting. IEEE Communications Letters, 2017, 21, 1393-1396.	4.1	10
99	QoS-Constrained Relay Control for Full-Duplex Relaying With SWIPT. IEEE Transactions on Wireless Communications, 2017, 16, 2936-2949.	9.2	32
100	Secrecy outage probability of UAV-aided selective relaying networks. , 2017, , .		11
101	Dynamic Link Selection and Power Allocation With Reliability Guarantees for Hybrid FSO/RF Systems. IEEE Access, 2017, 5, 13654-13664.	4.2	13
102	Energy Efficiency Maximization for Energy Harvesting Millimeter Wave Systems at High SNR. IEEE Wireless Communications Letters, 2017, 6, 698-701.	5.0	9
103	Secrecy performance of finite-sized cooperative full-duplex relay systems with unreliable backhauls. IEEE Transactions on Signal Processing, 2017, 65, 6185-6200.	5.3	12
104	Statistical Characterization of a 3-D Propagation Model for V2V Channels in Rectangular Tunnels. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 2392-2395.	4.0	19
105	Adaptive Rate Control and Frame Length Adjustment for IEEE 802.11n Wireless Networks. , 2017, , .		3
106	Merged Ontology and SVM-Based Information Extraction and Recommendation System for Social Robots. IEEE Access, 2017, 5, 12364-12379.	4.2	40
107	Cross-layer resource optimisation in time-varying orthogonal frequency division multiple access networks with guaranteed delay. IET Communications, 2017, 11, 1256-1263.	2.2	1
108	Power-Domain Non-Orthogonal Multiple Access (NOMA) in 5G Systems: Potentials and Challenges. IEEE Communications Surveys and Tutorials, 2017, 19, 721-742.	39.4	1,698

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109	Subcarrier-Pairing-Based Resource Optimization for OFDM Wireless Powered Relay Transmissions With Time Switching Scheme. IEEE Transactions on Signal Processing, 2017, 65, 1130-1145.	5.3	36
110	Power-â€œDelay Tradeoff in Wireless Powered Communication Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 3280-3292.	6.3	24
111	Energy efficiency and delay tradeoff in wireless powered communication networks. , 2017, , .		1
112	Quality-Aware Streaming in Heterogeneous Wireless Networks. IEEE Transactions on Wireless Communications, 2017, 16, 8162-8174.	9.2	9
113	A Fuzzy Ontology and SVM-â€œBased Web Content Classification System. IEEE Access, 2017, 5, 25781-25797.	4.2	39
114	Joint base stations clustering and feedback bits allocation for multi-â€œcell coordinated beamforming systems. IET Communications, 2017, 11, 2458-2465.	2.2	0
115	Energy-â€œaware resource allocation for OFDMA wireless networks with hybrid energy supplies. IET Communications, 2017, 11, 1671-1678.	2.2	5
116	Outage probability of finite-sized selective relaying systems with unreliable backhuls. , 2017, , .		3
117	Massive MIMO Relay Systems with Multipair Wireless Information and Power Transfer. Mobile Information Systems, 2017, 2017, 1-17.	0.6	0
118	Impact of mobility on energy consumption in mobile ad hoc networks. , 2017, , .		0
119	Energy-Connectivity Tradeoff through Topology Control in Wireless Ad Hoc Networks. ETRI Journal, 2017, 39, 30-40.	2.0	5
120	Subcarrier Assignment and Power Allocation for Preference-Aware Multicast Services in Active Array Aided LTE Networks. IEICE Transactions on Communications, 2016, E99.B, 1371-1379.	0.7	1
121	Suboptimal Online Resource Allocation in Hybrid Energy Supplied OFDMA Cellular Networks. IEEE Communications Letters, 2016, 20, 1639-1642.	4.1	8
122	Energy efficient transmission for video streaming in buffer-aided relay networks. , 2016, , .		0
123	Resource allocation in small cell networks with time-â€œaveraged rate constraints. IET Communications, 2016, 10, 2598-2605.	2.2	0
124	Delay-Constrained Optimal Transmission With Proactive Spectrum Handoff in Cognitive Radio Networks. IEEE Transactions on Communications, 2016, 64, 2767-2779.	7.8	29
125	The IoT: Exciting Possibilities for Bettering Lives: Special application scenarios. IEEE Consumer Electronics Magazine, 2016, 5, 49-57.	2.3	25
126	Adaptive Multi-Homing Resource Allocation for Time-Varying Heterogeneous Wireless Networks Without Timescale Separation. IEEE Transactions on Communications, 2016, 64, 3794-3807.	7.8	2



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127	Enhanced Rate Division Multiple Access for Electromagnetic Nanonetworks. IEEE Sensors Journal, 2016, 16, 7287-7296.	4.7	12
128	Quality of Information Maximization in Lifetime-Constrained Wireless Sensor Networks. IEEE Sensors Journal, 2016, 16, 7278-7286.	4.7	10
129	Optimal Energy Harvesting-Ratio and Beamwidth Selection in Millimeter Wave Communications. IEEE Signal Processing Letters, 2016, 23, 1364-1368.	3.6	6
130	Power Splitting-Based SWIPT With Decode-and-Forward Full-Duplex Relaying. IEEE Transactions on Wireless Communications, 2016, 15, 7561-7577.	9.2	117
131	Opinion mining based on fuzzy domain ontology and Support Vector Machine: A proposal to automate online review classification. Applied Soft Computing Journal, 2016, 47, 235-250.	7.2	100
132	End-to-End Multiservice Delivery in Selfish Wireless Networks Under Distributed Node-Selfishness Management. IEEE Transactions on Communications, 2016, 64, 1132-1142.	7.8	13
133	QoS Guaranteed Throughput Region of Wireless Energy Harvesting DF Relay System. IEEE Wireless Communications Letters, 2016, 5, 224-227.	5.0	3
134	Distributed Topology Control With Lifetime Extension Based on Non-Cooperative Game for Wireless Sensor Networks. IEEE Sensors Journal, 2016, 16, 3332-3342.	4.7	37
135	Two-Stage Channel Estimation With Estimated Windowing for MB-OFDM UWB System. IEEE Communications Letters, 2016, 20, 272-275.	4.1	6
136	Stimulating Multi-Service Forwarding under Node-Selfishness Information in Selfish Wireless Networks. IEICE Transactions on Communications, 2016, E99.B, 1426-1434.	0.7	1
137	Energy-Efficient Resource Allocation for Multi-Radio Access in Dynamic and Heterogeneous Wireless Networks. IEICE Transactions on Communications, 2016, E99.B, 1386-1394.	0.7	0
138	Resource Allocation for OFDMA Relay Networks with Wireless Information and Power Transfer. , 2015, , .		1
139	Interference-aware resource sharing in D2D underlaying LTE-A networks. Transactions on Emerging Telecommunications Technologies, 2015, 26, 1306-1322.	3.9	10
140	The Internet of Things for Health Care: A Comprehensive Survey. IEEE Access, 2015, 3, 678-708.	4.2	2,179
141	Neural-Network Based Optimal Dynamic Control of Delivering Packets in Selfish Wireless Networks. IEEE Communications Letters, 2015, 19, 2246-2249.	4.1	4
142	The Connectivity of Selfish Wireless Networks. IEEE Access, 2015, 3, 2814-2827.	4.2	1
143	Throughput and delay analysis of MAC protocol based on frame slotted aloha for low energy critical infrastructure sensor networks. Electronics Letters, 2015, 51, 1035-1037.	1.0	1
144	Downlink Coverage and Rate Analysis of Two-Tier Networks. IEEE Wireless Communications Letters, 2015, 4, 133-136.	5.0	9

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145	Distributed SR-LDPC codes over multiple access relay channel and its applications in cloud storage. Concurrency Computation Practice and Experience, 2015, 27, 2064-2077.	2.2	3
146	Performance Analysis of WBAN MAC Protocol under Different Access Periods. International Journal of Distributed Sensor Networks, 2015, 2015, 1-12.	2.2	15
147	Modeling MAC Protocol Based on Frame Slotted Aloha for Low Energy Critical Infrastructure Sensor Networks. International Journal of Distributed Sensor Networks, 2015, 11, 701418.	2.2	2
148	Multi-hop medium access control protocol for low energy critical infrastructure monitoring networks using wake-up radio. International Journal of Communication Systems, 2014, 27, 2536-2554.	2.5	6
149	Transmitted waveform optimization for TRPC UWB communications with the impact of group delay ripple. , 2014, , .		0
150	Framed slotted aloha based MAC protocol for low energy critical infrastructure monitoring networks. International Journal of Communication Systems, 2014, 27, 1783-1797.	2.5	11
151	Cooperative Spectrum Sensing with Adaptive Node Selection for Cognitive Radio Networks. Wireless Personal Communications, 2014, 78, 1879-1890.	2.7	5
152	A MAC protocol for the mixed scenario of omnidirectional and directional nodes in an ad hoc network. International Journal of Communication Systems, 2014, 27, 3720-3737.	2.5	5
153	Saturation Throughput Analysis of IEEE 802.15.6 Slotted Aloha in Heterogeneous Conditions. IEEE Wireless Communications Letters, 2014, 3, 257-260.	5.0	17
154	Certificateless Remote Anonymous Authentication Schemes for WirelessBody Area Networks. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 332-342.	5.6	253
155	Resource Allocation for OFDMA Relay Networks with Wireless Information and Power Transfer. , 2014, , .		0
156	Neighbor initiated approach for avoiding deaf and hidden node problems in directional MAC protocol for ad-hoc networks. Wireless Networks, 2013, 19, 933-943.	3.0	15
157	Efficient resource scheduling algorithm for the reconfiguration of a cognitive radio terminal. , 2013, , .		0
158	Decomposition analysis with layered structure for cognitive network resources. , 2013, , .		1
159	Preamble-based improved channel estimation for multiband UWB system in presence of interferences. Telecommunication Systems, 2013, 52, 1-14.	2.5	30
160	Channel estimation in high data rate UWB system with unknown narrowband interference. Annales Des Telecommunications/Annals of Telecommunications, 2013, 68, 503-514.	2.5	0
161	A mechanism to improve spatiality in directional MAC for wireless ad-hoc networks. , 2013, , .		2
162	Resource allocation for cyclic prefixed single-carrier cognitive two-way relay networks. , 2013, , .		0

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163	Enhanced Zero Forcing Ordered Successive Interference Cancellation scheme for MIMO system. , 2013, , .		3
164	A Simulation Study of TaMAC Protocol using Network Simulator 2. Journal of Medical Systems, 2012, 36, 2893-2900.	3.6	0
165	Foreword by Guest Editors for the Special Issue on the 2011 ICUFN Conference. Wireless Personal Communications, 2012, 67, 1-3.	2.7	3
166	An Ultra Low-power and Traffic-adaptive Medium Access Control Protocol for Wireless Body Area Network. Journal of Medical Systems, 2012, 36, 1021-1030.	3.6	105
167	A Comprehensive Survey of Wireless Body Area Networks. Journal of Medical Systems, 2012, 36, 1065-1094.	3.6	648
168	A Comprehensive Study of Channel Estimation for WBAN-based Healthcare Systems: Feasibility of Using Multiband UWB. Journal of Medical Systems, 2012, 36, 1553-1567.	3.6	12
169	Throughput and delay limits of IEEE 802.15.6. , 2011, , .		40
170	Directional MAC Approach for Wireless Body Area Networks. Sensors, 2011, 11, 771-784.	3.8	12
171	A Very Low Power MAC (VLPM) Protocol for Wireless Body Area Networks. Sensors, 2011, 11, 3717-3737.	3.8	23
172	Channel estimation in ECMA-368-based UWB systems with unknown interference. Telecommunication Systems, 2011, 52, 1159.	2.5	4
173	On the Performance Analysis of the Contention Access Period of IEEE 802.15.4 MAC. IEEE Communications Letters, 2011, 15, 986-988.	4.1	29
174	Seamless Interworking Architecture for WBAN in Heterogeneous Wireless Networks with QoS Guarantees. Journal of Medical Systems, 2011, 35, 1313-1321.	3.6	14
175	Design of an internal FM radio antenna for mobile handsets with an arrow-shaped patch. Microwave and Optical Technology Letters, 2011, 53, 2132-2135.	1.4	0
176	A Very Low Power MAC (VLPM) Protocol for Wireless Body Area Networks. Sensors, 2011, 11, 3717-3737.	3.8	7
177	On the implant communication and MAC protocols for WBAN. International Journal of Communication Systems, 2010, 23, 982-999.	2.5	17
178	MAC-Bridging for Multi-PHYs Communication in BAN. Sensors, 2010, 10, 9919-9934.	3.8	3
179	Joint Channel Estimation and Interference Suppressions for MB-OFDM UWB Systems. , 2010, , .		0
180	A traffic-adaptive MAC protocol for WBAN. , 2010, , .		16

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181	Performance study of low-power MAC protocols for Wireless Body Area Networks. , 2010, , .		24
182	Minimum mean square error-ordered successive interference cancellation (MMSEOSIC) in UWB-MIMO systems. , 2010, , .		1
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