Kyung Sup Kwak

List of Publications by Year
in descending order

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	The Internet of Things for Health Care: A Comprehensive Survey. IEEE Access, 2015, 3, 678-708.	4.2	2,179
2	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
3	A Comprehensive Survey of Wireless Body Area Networks. Journal of Medical Systems, 2012, 36, 1065-1094.	3.6	648
4	A smart healthcare monitoring system for heart disease prediction based on ensemble deep learning and feature fusion. Information Fusion, 2020, 63, 208-222.	19.1	429
5	Certificateless Remote Anonymous Authentication Schemes for WirelessBody Area Networks. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 332-342.	5.6	253
6	An intelligent healthcare monitoring framework using wearable sensors and social networking data. Future Generation Computer Systems, 2021, 114, 23-43.	7.5	215
7	Transportation sentiment analysis using word embedding and ontology-based topic modeling. Knowledge-Based Systems, 2019, 174, 27-42.	7.1	131
8	A multilayer multimodal detection and prediction model based on explainable artificial intelligence for Alzheimer's disease. Scientific Reports, 2021, 11, 2660.	3.3	125
9	Power Splitting-Based SWIPT With Decode-and-Forward Full-Duplex Relaying. IEEE Transactions on Wireless Communications, 2016, 15, 7561-7577.	9.2	117
10	Multimodal multitask deep learning model for Alzheimer's disease progression detection based on time series data. Neurocomputing, 2020, 412, 197-215.	5.9	116
11	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
12	An Internet of Things-based health prescription assistant and its security system design. Future Generation Computer Systems, 2018, 82, 422-439.	7.5	105
13	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
14	Traffic accident detection and condition analysis based on social networking data. Accident Analysis and Prevention, 2021, 151, 105973.	5.7	99
15	Advancing Modern Healthcare With Nanotechnology, Nanobiosensors, and Internet of Nano Things: Taxonomies, Applications, Architecture, and Challenges. IEEE Access, 2020, 8, 65230-65266.	4.2	82
16	Decode-and-Forward Relaying for Cooperative NOMA Systems With Direct Links. IEEE Transactions on Wireless Communications, 2018, 17, 8077-8093.	9.2	79
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	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

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19	A modified constrained constant modulus approach to blind adaptive multiuser detection. IEEE Transactions on Communications, 2001, 49, 1642-1648.	7.8	67
20	DMTO: a realistic ontology for standard diabetes mellitus treatment. Journal of Biomedical Semantics, 2018, 9, 8.	1.6	60
21	Performance analysis of an adaptive handoff algorithm based on distance information. Computer Communications, 2007, 30, 1278-1288.	5.1	59
22	An Ontology-Based Interpretable Fuzzy Decision Support System for Diabetes Diagnosis. IEEE Access, 2018, 6, 37371-37394.	4.2	58
23	A mobile health monitoring-and-treatment system based on integration of the SSN sensor ontology and the HL7 FHIR standard. BMC Medical Informatics and Decision Making, 2019, 19, 97.	3.0	57
24	Rate Splitting for Uplink NOMA With Enhanced Fairness and Outage Performance. IEEE Transactions on Wireless Communications, 2020, 19, 4657-4670.	9.2	57
25	SNOMED CT standard ontology based on the ontology for general medical science. BMC Medical Informatics and Decision Making, 2018, 18, 76.	3.0	55
26	An Enhanced Anomaly Detection in Web Traffic Using a Stack of Classifier Ensemble. IEEE Access, 2020, 8, 24120-24134.	4.2	54
27	Deep Feature Extraction and Classification of Android Malware Images. Sensors, 2020, 20, 7013.	3.8	51
28	Detecting Congestive Heart Failure by Extracting Multimodal Features and Employing Machine Learning Techniques. BioMed Research International, 2020, 2020, 1-19.	1.9	49
29	Hybrid Fuzzy Logic Scheme for Efficient Channel Utilization in Cognitive Radio Networks. IEEE Access, 2019, 7, 24463-24476.	4.2	48
30	PROM1 and PROM2 expression differentially modulates clinical prognosis of cancer: a multiomics analysis. Cancer Gene Therapy, 2020, 27, 147-167.	4.6	47
31	Throughput and delay limits of IEEE 802.15.6. , 2011, , .		40
32	Merged Ontology and SVM-Based Information Extraction and Recommendation System for Social Robots. IEEE Access, 2017, 5, 12364-12379.	4.2	40
33	A Fuzzy Ontology and SVM–Based Web Content Classification System. IEEE Access, 2017, 5, 25781-25797.	4.2	39
34	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
35	Quality-oriented Rate Control and Resource Allocation in Time-Varying OFDMA Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 2324-2338.	6.3	37
36	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

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37	On Downlink NOMA in Heterogeneous Networks With Non-Uniform Small Cell Deployment. IEEE Access, 2018, 6, 31099-31109.	4.2	36
38	QoS-Constrained Relay Control for Full-Duplex Relaying With SWIPT. IEEE Transactions on Wireless Communications, 2017, 16, 2936-2949.	9.2	32
39	Mobile Health Technologies for Diabetes Mellitus: Current State and Future Challenges. IEEE Access, 2019, 7, 21917-21947.	4.2	32
40	Preamble-based improved channel estimation for multiband UWB system in presence of interferences. Telecommunication Systems, 2013, 52, 1-14.	2.5	30
41	Duplicate Bug Report Detection and Classification System Based on Deep Learning Technique. IEEE Access, 2020, 8, 200749-200763.	4.2	30
42	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
43	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
44	Delay-Constrained Optimal Transmission With Proactive Spectrum Handoff in Cognitive Radio Networks. IEEE Transactions on Communications, 2016, 64, 2767-2779.	7.8	29
45	LAKE-6SH: Lightweight User Authenticated Key Exchange for 6LoWPAN-Based Smart Homes. IEEE Internet of Things Journal, 2022, 9, 2578-2591.	8.7	26
46	The IoT: Exciting Possibilities for Bettering Lives: Special application scenarios. IEEE Consumer Electronics Magazine, 2016, 5, 49-57.	2.3	25
47	Performance study of low-power MAC protocols for Wireless Body Area Networks. , 2010, , .		24
48	Power–Delay Tradeoff in Wireless Powered Communication Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 3280-3292.	6.3	24
49	Minimum-Cost Offloading for Collaborative Task Execution of MEC-Assisted Platooning. Sensors, 2019, 19, 847.	3.8	24
50	Secrecy Performance Analysis of Mixed α – μ and Exponentiated Weibull RF-FSO Cooperative Relaying System. IEEE Access, 2021, 9, 72342-72356.	4.2	24
51	A Very Low Power MAC (VLPM) Protocol for Wireless Body Area Networks. Sensors, 2011, 11, 3717-3737.	3.8	23
52	A Comprehensive Medical Decision–Support Framework Based on a Heterogeneous Ensemble Classifier for Diabetes Prediction. Electronics (Switzerland), 2019, 8, 635.	3.1	23
53	RaptorQ-Based Efficient Multimedia Transmission Over Cooperative Cellular Cognitive Radio Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 7275-7289.	6.3	22
54	Milled Microchannel-Assisted Open D-Channel Photonic Crystal Fiber Plasmonic Biosensor. IEEE Access, 2021, 9, 2924-2933.	4.2	22

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55	Smart Real-Time Video Surveillance Platform for Drowsiness Detection Based on Eyelid Closure. Wireless Communications and Mobile Computing, 2019, 2019, 1-9.	1.2	21
56	Wearable-Sensors-Based Platform for Gesture Recognition of Autism Spectrum Disorder Children Using Machine Learning Algorithms. Sensors, 2021, 21, 3319.	3.8	20
57	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
58	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
59	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
60	Intelligent Computation Offloading for IoT Applications in Scalable Edge Computing Using Artificial Bee Colony Optimization. Complexity, 2021, 2021, 1-12.	1.6	19
61	On decoding algorithm and performance of space-time block codes. IEEE Transactions on Wireless Communications, 2005, 4, 825-829.	9.2	18
62	A Novel Energy Supply Strategy for Stable Sensor Data Delivery in Wireless Sensor Networks. IEEE Systems Journal, 2020, 14, 3418-3429.	4.6	18
63	Multiobjective Oriented Task Scheduling in Heterogeneous Mobile Edge Computing Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 8955-8966.	6.3	18
64	On the implant communication and MAC protocols for WBAN. International Journal of Communication Systems, 2010, 23, 982-999.	2.5	17
65	Saturation Throughput Analysis of IEEE 802.15.6 Slotted Aloha in Heterogeneous Conditions. IEEE Wireless Communications Letters, 2014, 3, 257-260.	5.0	17
66	Wearable Internet-of-Things platform for human activity recognition and health care. International Journal of Distributed Sensor Networks, 2020, 16, 155014772091156.	2.2	17
67	A traffic-adaptive MAC protocol for WBAN. , 2010, , .		16
68	Fabrication and measurement of triangular-slot antenna for triple-band (2.4/5.2/5.8 GHz) antenna with rectangular tuning stub. Microwave and Optical Technology Letters, 2007, 49, 1793-1797.	1.4	15
69	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
70	Performance Analysis of WBAN MAC Protocol under Different Access Periods. International Journal of Distributed Sensor Networks, 2015, 2015, 1-12.	2.2	15
71	Context-Based Fake News Detection Model Relying on Deep Learning Models. Electronics (Switzerland), 2022, 11, 1255.	3.1	15
72	Seamless Interworking Architecture for WBAN in Heterogeneous Wireless Networks with QoS Guarantees. Journal of Medical Systems, 2011, 35, 1313-1321.	3.6	14

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73	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
74	Dynamic Link Selection and Power Allocation With Reliability Guarantees for Hybrid FSO/RF Systems. IEEE Access, 2017, 5, 13654-13664.	4.2	13
75	Face Segmentation: A Journey From Classical to Deep Learning Paradigm, Approaches, Trends, and Directions. IEEE Access, 2020, 8, 58683-58699.	4.2	13
76	A Framework for Maternal Physical Activities and Health Monitoring Using Wearable Sensors. Sensors, 2021, 21, 4949.	3.8	13
77	An Efficient 5G Data Plan Approach Based on Partially Distributed Mobility Architecture. Sensors, 2022, 22, 349.	3.8	13
78	Directional MAC Approach for Wireless Body Area Networks. Sensors, 2011, 11, 771-784.	3.8	12
79	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
80	Enhanced Rate Division Multiple Access for Electromagnetic Nanonetworks. IEEE Sensors Journal, 2016, 16, 7287-7296.	4.7	12
81	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
82	Light-Weight Secure Aggregated Data Sharing in IoT-Enabled Wireless Sensor Networks. IEEE Access, 2022, 10, 33571-33585.	4.2	12
83	Design of a modified meander-type microstrip patch antenna in the 5-GHZ band. Microwave and Optical Technology Letters, 2004, 40, 181-183.	1.4	11
84	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
85	Secrecy outage probability of UAV-aided selective relaying networks. , 2017, , .		11
86	Priority-Based Cloud Computing Architecture for Multimedia-Enabled Heterogeneous Vehicular Users. Journal of Advanced Transportation, 2018, 2018, 1-12.	1.7	11
87	Online Spectrum Partitioning for LTE-U and WLAN Coexistence in Unlicensed Spectrum. IEEE Transactions on Communications, 2020, 68, 506-520.	7.8	11
88	Interferenceâ€aware resource sharing in D2D underlaying LTEâ€A networks. Transactions on Emerging Telecommunications Technologies, 2015, 26, 1306-1322.	3.9	10
89	Quality of Information Maximization in Lifetime-Constrained Wireless Sensor Networks. IEEE Sensors Journal, 2016, 16, 7278-7286.	4.7	10
90	Distortion Minimization in Wireless Sensor Networks With Energy Harvesting. IEEE Communications Letters, 2017, 21, 1393-1396.	4.1	10

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91	RDSP: Rapidly Deployable Wireless Ad Hoc System for Post-Disaster Management. Sensors, 2020, 20, 548.	3.8	10
92	Deep Learning Based Resource Availability Prediction for Local Mobile Crowd Computing. IEEE Access, 2021, 9, 116647-116671.	4.2	10
93	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
94	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
95	Clover-shaped antenna for ultra-wideband communications. Microwave and Optical Technology Letters, 2006, 48, 2111-2113.	1.4	9
96	Downlink Coverage and Rate Analysis of Two-Tier Networks. IEEE Wireless Communications Letters, 2015, 4, 133-136.	5.0	9
97	Energy Efficiency Maximization for Energy Harvesting Millimeter Wave Systems at High SNR. IEEE Wireless Communications Letters, 2017, 6, 698-701.	5.0	9
98	Quality-Aware Streaming in Heterogeneous Wireless Networks. IEEE Transactions on Wireless Communications, 2017, 16, 8162-8174.	9.2	9
99	5G Software-Defined Heterogeneous Networks With Cooperation and Partial Connectivity. IEEE Access, 2019, 7, 72577-72590.	4.2	9
100	Protocol Design and Resource Allocation for LTE-U System Utilizing Licensed and Unlicensed Bands. IEEE Access, 2019, 7, 67068-67080.	4.2	9
101	Suboptimal Online Resource Allocation in Hybrid Energy Supplied OFDMA Cellular Networks. IEEE Communications Letters, 2016, 20, 1639-1642.	4.1	8
102	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
103	Modulation Set Optimization for the Improved Complex Quadrature SM. Wireless Communications and Mobile Computing, 2018, 2018, 1-12.	1.2	8
104	AEF: Adaptive En-Route Filtering to Extend Network Lifetime in Wireless Sensor Networks. Sensors, 2019, 19, 4036.	3.8	8
105	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
106	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
107	Comments on "Closed-form analysis of linearly constrained CMA-based blind multiuser detector". IEEE Communications Letters, 2001, 5, 290-291.	4.1	7
108	Benchmarking large-scale data management for Internet of Things. Journal of Supercomputing, 2019, 75, 8207-8230.	3.6	7

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109	Dynamic power and subcarrier allocation for downlink OFDMA systems under imperfect CSI. Wireless Networks, 2019, 25, 545-558.	3.0	7
110	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
111	A Very Low Power MAC (VLPM) Protocol for Wireless Body Area Networks. Sensors, 2011, 11, 3717-3737.	3.8	7
112	Design of a corner-truncated square-spiral microstrip patch antenna in the 5-GHz band. Microwave and Optical Technology Letters, 2006, 48, 529-532.	1.4	6
113	Circularly polarized H-shaped microstrip-array antenna with a T-slot for DSRC system roadside equipment. Microwave and Optical Technology Letters, 2009, 51, 1545-1548.	1.4	6
114	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
115	Optimal Energy Harvesting-Ratio and Beamwidth Selection in Millimeter Wave Communications. IEEE Signal Processing Letters, 2016, 23, 1364-1368.	3.6	6
116	Two-Stage Channel Estimation With Estimated Windowing for MB-OFDM UWB System. IEEE Communications Letters, 2016, 20, 272-275.	4.1	6
117	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
118	A case-base fuzzification process: diabetes diagnosis case study. Soft Computing, 2019, 23, 5815-5834.	3.6	6
119	Actor–Critic-Algorithm-Based Accurate Spectrum Sensing and Transmission Framework and Energy Conservation in Energy-Constrained Wireless Sensor Network-Based Cognitive Radios. Wireless Communications and Mobile Computing, 2019, 2019, 1-12.	1.2	6
120	Two-Timescale Resource Allocation for Wireless Powered D2D Communications With Self-Interested Nodes. IEEE Access, 2019, 7, 10857-10869.	4.2	6
121	On the Intercept Probability and Secure Outage Analysis of Mixed (α – μ –) Tj ETQq1 1 0.784314 rgBT /Overlock 10	4.2	6
122	FMCPR: Flexible Multiparameter-Based Channel Prediction and Ranking for CR-Enabled Massive IoT. IEEE Internet of Things Journal, 2022, 9, 7151-7165.	8.7	6
123	Introducing Cloud-Assisted Micro-Service-Based Software Development Framework for Healthcare Systems. IEEE Access, 2022, 10, 33332-33348.	4.2	6
124	Compact band-notched ultrawideband Y-shaped antenna with dual inverted-L slots. Microwave and Optical Technology Letters, 2008, 50, 2797-2799.	1.4	5
125	Cooperative Spectrum Sensing with Adaptive Node Selection for Cognitive Radio Networks. Wireless Personal Communications, 2014, 78, 1879-1890.	2.7	5
126	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

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127	Energyâ€aware resource allocation for OFDMA wireless networks with hybrid energy supplies. IET Communications, 2017, 11, 1671-1678.	2.2	5
128	Energy-Connectivity Tradeoff through Topology Control in Wireless Ad Hoc Networks. ETRI Journal, 2017, 39, 30-40.	2.0	5
129	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
130	A Fibrosis Diagnosis Clinical Decision Support System Using Fuzzy Knowledge. Arabian Journal for Science and Engineering, 2019, 44, 3781-3800.	3.0	5
131	Forgery Detection and Localization of Modifications at the Pixel Level. Symmetry, 2020, 12, 137.	2.2	5
132	A Cartesian Genetic Programming Based Parallel Neuroevolutionary Model for Cloud Serverâ€™s CPU Usage Prediction. Electronics (Switzerland), 2021, 10, 67.	3.1	5
133	Control-Aware Energy-Efficient Transmissions for Wireless Control Systems With Short Packets. IEEE Internet of Things Journal, 2021, 8, 14920-14933.	8.7	5
134	A hybrid multi-rate scheme for WCDMA. , 0, , .		4
135	Outage performance of STBC MB-OFDM UWB. AEU - International Journal of Electronics and Communications, 2009, 63, 685-688.	2.9	4
136	Energy-efficient channel estimation for MB-OFDM UWB system in presence of interferences. , 2010, , .		4
137	Channel estimation in ECMA-368-based UWB systems with unknown interference. Telecommunication Systems, 2011, 52, 1159.	2.5	4
138	Neural-Network Based Optimal Dynamic Control of Delivering Packets in Selfish Wireless Networks. IEEE Communications Letters, 2015, 19, 2246-2249.	4.1	4
139	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
140	Dymamic MAC Frame Configuration and PSO-Based Optimal Resource Allocation in Multi-channel Cognitive Radio Ad-Hoc Networks. Wireless Personal Communications, 2019, 109, 595-620.	2.7	4
141	Adaptive Rate Splitting for Uplink Non-Orthogonal Multiple Access Systems. , 2019, , .		4
142	Environment Friendly Energy Cooperation in Neighboring Buildings: A Transformed Linearization Approach. Energies, 2022, 15, 1160.	3.1	4
143	Kinship verification and recognition based on handcrafted and deep learning feature-based techniques. PeerJ Computer Science, 2021, 7, e735.	4.5	4
144	Design of multiple U-shaped slot microstrip patch antenna for 5-GHz band WLANs. Microwave and Optical Technology Letters, 2004, 43, 486-488.	1.4	3

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145	A novel UWB modulation method based on time-frequency energy distribution. , 0, , .		3
146	Suppression of IEEE 802.11a interference using SVD-based algorithm for DS-UWB systems in wireless multipath channels. AEU - International Journal of Electronics and Communications, 2007, 61, 700-704.	2.9	3
147	Horseshoe-shaped antenna for dual-band WLAN communications with multi-L slots. Microwave and Optical Technology Letters, 2009, 51, 463-465.	1.4	3
148	MAC-Bridging for Multi-PHYs Communication in BAN. Sensors, 2010, 10, 9919-9934.	3.8	3
149	Foreword by Guest Editors for the Special Issue on the 2011 ICUFN Conference. Wireless Personal Communications, 2012, 67, 1-3.	2.7	3
150	Enhanced Zero Forcing Ordered Successive Interference Cancellation scheme for MIMO system. , 2013, , .		3
151	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
152	QoS Guaranteed Throughput Region of Wireless Energy Harvesting DF Relay System. IEEE Wireless Communications Letters, 2016, 5, 224-227.	5.0	3
153	Algebraic connectivity aided energy-efficient topology control in selfish ad hoc networks. Wireless Networks, 2017, 23, 1331-1341.	3.0	3
154	Adaptive Rate Control and Frame Length Adjustment for IEEE 802.11n Wireless Networks. , 2017, , .		3
155	Outage probability of finite-sized selective relaying systems with unreliable backhauls. , 2017, , .		3
156	Resource Allocation for Time-Variant Channels in the Nano-communication Networks. , 2018, , .		3
157	Optimal Control-Aware Transmission for Mission-Critical M2M Communications Under Bandwidth Cost Constraints. IEEE Transactions on Communications, 2020, 68, 5924-5937.	7.8	3
158	On the Statistical Delay Performance of Large-Scale IoT Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 8967-8979.	6.3	3
159	An efficient feedback consolidation algorithm for point-to-multipoint ABR service in ATM network. IEEE Communications Letters, 1999, 3, 226-228.	4.1	2
160	Fabrication and measurement of an arrow-shaped microstrip patch antenna in the 5-GHz band. Microwave and Optical Technology Letters, 2004, 43, 503-505.	1.4	2
161	Design of a half-bowtie-shaped meander-type microstrip patch antenna for wide impedance bandwidth. Microwave and Optical Technology Letters, 2005, 44, 390-392.	1.4	2
162	Anovel timing jitter resist metod in UWB systems. , 0, , .		2

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163	Optimal superimposed training for estimation of OFDM channels. AEU - International Journal of Electronics and Communications, 2008, 62, 754-761.	2.9	2
164	Cross layer multicarrier MIMO cognitive cooperation scheme for wireless hybrid ad hoc networks. Computer Communications, 2009, 32, 546-551.	5.1	2
165	A mechanism to improve spatiality in directional MAC for wireless ad-hoc networks. , 2013, , .		2
166	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
167	Fair Resource Allocation with QoS Guarantee in Secure Multiuser TDMA Networks. Wireless Communications and Mobile Computing, 2018, 2018, 1-10.	1.2	2
168	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
169	Concatenated TCM with space-time block codes and differential M-PSK modulation. , 0, , .		1
170	Design of multiple U-shaped slot microstrip patch antenna in Hiper-LAN band. Microwave and Optical Technology Letters, 2004, 40, 368-370.	1.4	1
171	A new multiple access protocol for timehopping UWB ad-hoc wireless networks. , 0, , .		1
172	A Novel Modulation Waveform on Ultra-Wideband Based Cognitive Radio Systems. , 2007, , .		1
173	Minimum mean square error-ordered successive interference cancellation (MMSEOSIC) in UWB-MIMO systems. , 2010, , .		1
174	Decomposition analysis with layered structure for cognitive network resources. , 2013, , .		1
175	Resource Allocation for OFDMA Relay Networks with Wireless Information and Power Transfer. , 2015, , .		1
176	The Connectivity of Selfish Wireless Networks. IEEE Access, 2015, 3, 2814-2827.	4.2	1
177	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
178	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
179	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
180	Energy efficiency and delay tradeoff in wireless powered communication networks. , 2017, , .		1

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181	Opportunistic relaying for cooperative small-cell systems with unreliable wireless backhauls. , 2018, , .		1
182	User Scheduling and Energy Management with QoS Provisioning for NOMA-based M2M Communications. , 2020, , .		1
183	Energy-efficient resource allocation for multi-RAT networks under time average QoS constraint. Wireless Networks, 2021, 27, 323-338.	3.0	1
184	Proactive Online Power Allocation for Uplink NOMA-IoT Networks With Delayed Gradient Feedback. IEEE Wireless Communications Letters, 2021, 10, 869-872.	5.0	1
185	Stimulating Multi-Service Forwarding under Node-Selfishness Information in Selfish Wireless Networks. IEICE Transactions on Communications, 2016, E99.B, 1426-1434.	0.7	1
186	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
187	Generalized Quadrature Space-Frequency Index Modulation System With Low-Complexity Detection. IEEE Systems Journal, 2022, 16, 6535-6545.	4.6	1
188	An efficient VP extension algorithm for ABR multipoint-to-point connection in ATM networks. , 1999, , .		0
189	Space-time block coding for wireless ad hoc networks. , 0, , .		0
190	Pilot-aided channel estimation for multiuser MIMO-OFDM ystems. , 0, , .		0
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