Rosdiadee Nordin

List of Publications by Year
in descending order

219 papers	3,724 citations	201674 27 h-index	155660 55 g-index
221 all docs	221 docs citations	221 times ranked	3633 citing authors

#	Article	IF	Citations
1	Energy-Efficient Wireless Sensor Networks for Precision Agriculture: A Review. Sensors, 2017, 17, 1781.	3.8	414
2	Recent Advances in Wireless Indoor Localization Techniques and System. Journal of Computer Networks and Communications, 2013, 2013, 1-12.	1.6	351
3	Opportunities and Challenges for Near-Field Wireless Power Transfer: A Review. Energies, 2017, 10, 1022.	3.1	185
4	Evolution towards fifth generation (5G) wireless networks: Current trends and challenges in the deployment of millimetre wave, massive MIMO, and small cells. Telecommunication Systems, 2017, 64, 617-637.	2.5	165
5	Beamforming techniques for massive MIMO systems in 5G: overview, classification, and trends for future research. Frontiers of Information Technology and Electronic Engineering, 2017, 18, 753-772.	2.6	158
6	Accurate Wireless Sensor Localization Technique Based on Hybrid PSO-ANN Algorithm for Indoor and Outdoor Track Cycling. IEEE Sensors Journal, 2016, 16, 529-541.	4.7	139
7	A survey on interference management for Device-to-Device (D2D) communication and its challenges in 5G networks. Journal of Network and Computer Applications, 2016, 71, 130-150.	9.1	138
8	Key Challenges, Drivers and Solutions for Mobility Management in 5G Networks: A Survey. IEEE Access, 2020, 8, 172534-172552.	4.2	95
9	Wireless Power Transfer With Magnetic Resonator Coupling and Sleep/Active Strategy for a Drone Charging Station in Smart Agriculture. IEEE Access, 2019, 7, 139839-139851.	4.2	84
10	Accurate Empirical Path-Loss Model Based on Particle Swarm Optimization for Wireless Sensor Networks in Smart Agriculture. IEEE Sensors Journal, 2020, 20, 552-561.	4.7	79
11	Survey of Green Radio Communications Networks: Techniques and Recent Advances. Journal of Computer Networks and Communications, 2013, 2013, 1-13.	1.6	65
12	Revolution or Evolution? Technical Requirements and Considerations towards 6G Mobile Communications. Sensors, 2022, 22, 762.	3.8	58
13	LoRa Communications as an Enabler for Internet of Drones towards Large-Scale Livestock Monitoring in Rural Farms. Sensors, 2021, 21, 5044.	3.8	57
14	Energy optimisation of hybrid off-grid system for remote telecommunication base station deployment in Malaysia. Eurasip Journal on Wireless Communications and Networking, 2015, 2015, .	2.4	56
15	Power-efficient routing schemes for MANETs: a survey and open issues. Wireless Networks, 2017, 23, 1917-1952.	3.0	47
16	A Wireless Sensor Network with Soft Computing Localization Techniques for Track Cycling Applications. Sensors, 2016, 16, 1043.	3.8	46
17	Adaptive Neural Fuzzy Inference System for Accurate Localization of Wireless Sensor Network in Outdoor and Indoor Cycling Applications. IEEE Access, 2018, 6, 38475-38489.	4.2	45
18	Advances and Opportunities in Passive Wake-Up Radios with Wireless Energy Harvesting for the Internet of Things Applications. Sensors, 2019, 19, 3078.	3.8	42

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19	Topology-Based Routing Protocols and Mobility Models for Flying Ad Hoc Networks: A Contemporary Review and Future Research Directions. Drones, 2022, 6, 9.	4.9	42
20	Energy-Efficient ZigBee-Based Wireless Sensor Network for Track Bicycle Performance Monitoring. Sensors, 2014, 14, 15573-15592.	3.8	41
21	How to make key 5G wireless technologies environmental friendly: A review. Transactions on Emerging Telecommunications Technologies, 2018, 29, e3254.	3.9	40
22	Energy and mobility conscious multipath routing scheme for route stability and load balancing in MANETs. Simulation Modelling Practice and Theory, 2017, 77, 245-271.	3.8	36
23	Classification, Recent Advances and Research Challenges in Energy Efficient Cellular Networks. Wireless Personal Communications, 2014, 77, 1249-1269.	2.7	34
24	Advanced handover techniques in LTE- Advanced system. , 2012, , .		33
25	Vertical Handover Solutions Over LTE-Advanced Wireless Networks: An Overview. Wireless Personal Communications, 2014, 77, 3051-3079.	2.7	31
26	Green wireless network optimisation strategies within smart grid environments for Long Term Evolution (LTE) cellular networks in Malaysia. Renewable Energy, 2016, 85, 157-170.	8.9	30
27	A New Sensors-Based Covert Channel on Android. Scientific World Journal, The, 2014, 2014, 1-14.	2.1	29
28	Power Reduction with Sleep/Wake on Redundant Data (SWORD) in a Wireless Sensor Network for Energy-Efficient Precision Agriculture. Sensors, 2018, 18, 3450.	3.8	29
29	New Weight Function for Adapting Handover Margin Level over Contiguous Carrier Aggregation Deployment Scenarios in LTE-Advanced System. Wireless Personal Communications, 2019, 108, 1179-1199.	2.7	26
30	Handover Performance over a Coordinated Contiguous Carrier Aggregation Deployment Scenario in the LTE-Advanced System. International Journal of Vehicular Technology, 2014, 2014, 1-15.	1.1	25
31	Fast handover solution for network-based distributed mobility management in intelligent transportation systems. Telecommunication Systems, 2017, 64, 325-346.	2.5	24
32	An Ultra-Low Power Wireless Sensor Network for Bicycle Torque Performance Measurements. Sensors, 2015, 15, 11741-11768.	3.8	23
33	Semi-Clustering of Victim-Cells Approach for Interference Management in Ultra-Dense Femtocell Networks. IEEE Access, 2017, 5, 9032-9043.	4.2	23
34	A Survey on Power Control Techniques in Femtocell Networks. Journal of Communications, 2013, , 845-854.	1.6	23
35	Wireless Transmissions, Propagation and Channel Modelling for IoT Technologies: Applications and Challenges. IEEE Access, 2022, 10, 24095-24131.	4.2	23
36	On the Best Sensor for Keystrokes Inference Attack on Android. Procedia Technology, 2013, 11, 989-995.	1.1	21

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37	Optimization of signal-to-noise ratio for wireless light-emitting diode communication in modern lighting layouts. Optical Engineering, 2014, 53, 045103.	1.0	21
38	Vertical Handover Decision Algorithm Using Multicriteria Metrics in Heterogeneous Wireless Network. Journal of Computer Networks and Communications, 2015, 2015, 1-8.	1.6	21
39	Energy Efficiency of Ultra-Low-Power Bicycle Wireless Sensor Networks Based on a Combination of Power Reduction Techniques. Journal of Sensors, 2016, 2016, 1-21.	1.1	20
40	Power Allocation in Cooperative NOMA MU-MIMO Beamforming Based on Maximal SLR Precoding for 5G. Journal of Communications, 2019, , 676-683.	1.6	20
41	Ionizing Radiation Monitoring Technology at the Verge of Internet of Things. Sensors, 2021, 21, 7629.	3.8	20
42	802.21-Assisted Distributed Mobility Management Solution in Vehicular Networks. IEEE Access, 2017, 5, 9518-9532.	4.2	19
43	Database-Assisted Television White Space Technology: Challenges, Trends and Future Research Directions. IEEE Access, 2016, 4, 8162-8183.	4.2	18
44	Multi-criteria based multipath OLSR for battery and queue-aware routing in multi-hop ad hoc wireless networks. Wireless Networks, 2015, 21, 1309-1326.	3.0	17
45	Novel Handover Optimization with a Coordinated Contiguous Carrier Aggregation Deployment Scenario in LTE-Advanced Systems. Mobile Information Systems, 2016, 2016, 1-20.	0.6	17
46	The world-first deployment of narrowband IoT for rural hydrological monitoring in UNESCO biosphere environment. , 2017, , .		17
47	Mobile Network Performance and Technical Feasibility of LTE-Powered Unmanned Aerial Vehicle. Sensors, 2021, 21, 2848.	3.8	17
48	Small Cells Integration with the Macro-Cell Under LTE Cellular Networks and Potential Extension for 5G. Journal of Electrical Engineering and Technology, 2019, 14, 2455-2465.	2.0	16
49	Energy-Efficient Downlink for Non-Orthogonal Multiple Access with SWIPT under Constrained Throughput. Energies, 2020, 13, 107.	3.1	16
50	A Review on ZigBee Based WSNs: Concepts, Infrastructure, Applications, and Challenges. International Journal of Electrical and Electronic Engineering and Telecommunications, 2020, , 189-198.	3.6	16
51	On the Performance of the Current MANET Routing Protocols for VoIP, HTTP, and FTP Applications. Journal of Computer Networks and Communications, 2014, 2014, 1-16.	1.6	15
52	A Serverless Advanced Metering Infrastructure Based on Fog-Edge Computing for a Smart Grid: A Comparison Study for Energy Sector in Iraq. Energies, 2020, 13, 5460.	3.1	15
53	A Survey on Energy Efficient Wireless Sensor Networks for Bicycle Performance Monitoring Application. Journal of Sensors, 2014, 2014, 1-16.	1.1	14
54	Performance Evaluation of MBA-OLSR Routing Protocol for MANETs. Journal of Computer Networks and Communications, 2014, 2014, 1-10.	1.6	14

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55	Effective Wide Spectrum Sharing Techniques Relying on CR Technology toward 5G: A Survey. Journal of Communications, 2020, , 122-147.	1.6	14
56	Hybrid Indoor-Based WLAN-WSN Localization Scheme for Improving Accuracy Based on Artificial Neural Network. Mobile Information Systems, 2016, 2016, 1-11.	0.6	13
57	Single-Tube and Multi-Turn Coil Near-Field Wireless Power Transfer for Low-Power Home Appliances. Energies, 2018, 11, 1969.	3.1	13
58	Ping-Pong Handover Effect Reduction in 5G and Beyond Networks. , 2021, , .		13
59	Evaluation of energy consumption in multipath OLSR routing in Smart City applications. , 2013, , .		12
60	A quiz management system based on P2P near-field communication on Android platform for smart class environments. , 2016, , .		12
61	Multi-Objective Optimization of Joint Power and Admission Control in Cognitive Radio Networks Using Enhanced Swarm Intelligence. Electronics (Switzerland), 2021, 10, 189.	3.1	12
62	Real-World Evaluation of Power Consumption and Performance of NB-IoT in Malaysia. IEEE Internet of Things Journal, 2022, 9, 11614-11632.	8.7	12
63	Wireless Drone Charging Station Using Class-E Power Amplifier in Vertical Alignment and Lateral Misalignment Conditions. Energies, 2022, 15, 1298.	3.1	12
64	Application of game theory to underlay ad-hoc cognitive radio networks: An overview. , 2013, , .		11
65	A fractional path-loss compensation based power control technique for interference mitigation in LTE-A femtocell networks. Physical Communication, 2016, 21, 1-9.	2.1	11
66	Intelligent cooperation management of multi-radio access technology towards the green cellular networks for the twenty-twenty information society. Telecommunication Systems, 2017, 65, 497-510.	2.5	11
67	EMA-MPR: Energy and mobility-aware multi-point relay selection mechanism for multipath OLSRv2. , 2017, , .		11
68	The Four-C Framework for High Capacity Ultra-Low Latency in 5G Networks: A Review. Energies, 2019, 12, 3449.	3.1	11
69	Wireless Energy Harvesting with Cooperative Relaying under the Best Relay Selection Scheme. Energies, 2019, 12, 892.	3.1	11
70	Keystrokes Inference Attack on Android: A Comparative Evaluation of Sensors and Their Fusion. Journal of ICT Research and Applications, 2013, 7, 117-136.	0.8	11
71	An Anonymous Certificateless Signcryption Scheme for Secure and Efficient Deployment of Internet of Vehicles. Sustainability, 2021, 13, 10891.	3.2	10
72	Low-Altitude-Platform-Based Airborne IoT Network (LAP-AIN) for Water Quality Monitoring in Harsh Tropical Environment. IEEE Internet of Things Journal, 2022, 9, 20034-20054.	8.7	10

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73	Mobile Network Coverage Prediction Based on Supervised Machine Learning Algorithms. IEEE Access, 2022, 10, 55782-55793.	4.2	10
74	Efficient femtocell deployment under macrocell coverage in LTE-Advanced system. , 2013, , .		9
75	MBA-OLSR: A Multipath Battery Aware Routing Protocol for MANETs. , 2014, , .		9
76	Limited Feedback MU-MIMO in LTE-A System: Concepts, Performance, and Future Works. Wireless Personal Communications, 2015, 84, 935-957.	2.7	9
77	Wiener-based smoother and predictor for massive-MIMO downlink system under pilot contamination. Telecommunication Systems, 2018, 67, 387-399.	2.5	9
78	DEVELOPMENT AND VALIDATION OF A TRACK BICYCLE INSTRUMENT FOR TORQUE MEASUREMENT USING THE ZIGBEE WIRELESS SENSOR NETWORK. International Journal on Smart Sensing and Intelligent Systems, 2017, 10, 1-22.	0.7	9
79	Survey of Adaptive Modulation Scheme in MIMO Transmission. Journal of Communications, 2012, 7, .	1.6	9
80	Effectiveness of Handover Control Parameters on Handover Performance in 5G and beyond Mobile Networks. Wireless Communications and Mobile Computing, 2022, 2022, 1-18.	1.2	9
81	Statistical validation of performance of ZigBee-based wireless sensor network for track cycling. , 2015, , .		8
82	Traffic load-based analysis of MBQA-OLSR routing protocol in wireless ad hoc networks. , 2017, , .		8
83	Beamforming with 2D-AOA estimation for pilot contamination reduction in massive MIMO. Telecommunication Systems, 2019, 71, 541-552.	2.5	8
84	Data Integrity Time Optimization of a Blockchain IoT Smart Home Network Using Different Consensus and Hash Algorithms. Wireless Communications and Mobile Computing, 2021, 2021, 1-23.	1.2	8
85	Femtocell Sleep Mode Activation based Interference Mitigation in Two-tier Networks. Procedia Technology, 2013, 11, 1088-1095.	1.1	7
86	Adaptive Handover Decision Algorithm Based on Multi-Influence Factors through Carrier Aggregation Implementation in LTE-Advanced System. Journal of Computer Networks and Communications, 2014, 2014, 1-8.	1.6	7
87	Handover performance analysis of distributed mobility management in vehicular networks. , 2015, , .		7
88	An efficient quorum-based rendezvous scheme for multi-radio cognitive radio networks. , 2016, , .		7
89	Effect of Beamforming on mmWave Systems in Various Realistic Environments. , 2017, , .		7
90	What is the Value of Limited Feedback for Next Generation of Cellular Systems?. Wireless Personal Communications, 2020, 110, 1127-1142.	2.7	7

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91	Capacity evaluation of Carrier Aggregation techniques in LTE-Advanced system. , 2012, , .		6
92	Peer-to-peer communication on android-based mobile devices: Middleware and protocols. , 2013, , .		6
93	Technique for Cross-layer Vertical Handover Prediction in 4G Wireless Networks. Procedia Technology, 2013, 11, 114-121.	1.1	6
94	Proxy Mobile IPv6 Handover Management in Vehicular Networks: State of the Art, Taxonomy and Directions for Future Research. Wireless Personal Communications, 2015, 84, 1509-1534.	2.7	6
95	Cooperation Management Among Base Stations Based on Cells Switch-Off for a Green LTE Cellular Network. Wireless Personal Communications, 2015, 81, 303-318.	2.7	6
96	Efficient rendezvous schemes for fastâ€varying cognitive radio ad hoc networks. Transactions on Emerging Telecommunications Technologies, 2017, 28, e3217.	3.9	6
97	SMART: Coordinated Double-Sided Seal Bid Multiunit First Price Auction Mechanism for Cloud-Based TVWS Secondary Spectrum Market. IEEE Access, 2017, 5, 25958-25971.	4.2	6
98	Handover Performance Evaluation of Centralized and Distributed Network-Based Mobility Management in Vehicular Urban Environment. , 2017, , .		6
99	Cross-Layer Design and Performance Analysis for Ultra-Reliable Factory of the Future Based on 5G Mobile Networks. IEEE Access, 2021, 9, 68161-68175.	4.2	6
100	Resource Allocation in Spectrum Sharing ad-hoc Cognitive Radio Networks Based on Game Theory: An Overview. KSII Transactions on Internet and Information Systems, 2013, 7, 2957-2986.	0.3	6
101	n the Performance of Cooperative Spectrum Sensing of Cognitive Radio Networks in AWGN and Rayleigh Fading Environments. KSII Transactions on Internet and Information Systems, 2013, 7, 1754-1769.	0.3	6
102	Sustainable Delay Minimization Strategy for Mobile Edge Computing Offloading under Different Network Scenarios. Sustainability, 2021, 13, 12112.	3.2	6
103	Prioritized network-based vertical handover decision in multi-access wireless networks. , 2012, , .		5
104	Efficient and low complexity STBC-OFDM scheme over fading channel. , 2012, , .		5
105	Preliminary Study on the Impact of Industrial Talks and Visits towards the Outcome Based Education of Engineering Students. Procedia, Social and Behavioral Sciences, 2012, 60, 271-276.	0.5	5
106	Beyond ubiquitous computing: The Malaysian HoneyBee project for Innovative Digital Economy. Computer Standards and Interfaces, 2014, 36, 844-854.	5.4	5
107	Design Consideration of an Energy Efficient Wireless Sensor Network for High Performance Track Cycling. , 2014, , .		5
108	Dynamic multi-state ultra-wideband mm-wave frequency selection for 5G communication. , 2015, , .		5

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109	Energy harvesting with cooperative networks and adaptive transmission. , 2017, , .		5
110	Optimum design of an optical waveguide: Determination of the branching angle of s-bend waveguides. Optik, 2020, 200, 163249.	2.9	5
111	Adaptive Multi-state Millimeter Wave Cell Selection Scheme for 5G communication. International Journal of Electrical and Computer Engineering, 2018, 8, 2967.	0.7	5
112	Energy Harvesting with Link Adaptation under Different Wireless Relaying Schemes. Journal of Communications, 2018, , 482-489.	1.6	5
113	Multi-Radio Access Software-Defined Vehicular Network. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 10030-10048.	8.0	5
114	A Review on Intelligent Base Stations Cooperation Management Techniques for Greener LTE Cellular Networks. Journal of Communications, 2014, , .	1.6	5
115	A Multi-Message Multi-Receiver Signcryption Scheme with Edge Computing for Secure and Reliable Wireless Internet of Medical Things Communications. Sustainability, 2021, 13, 13184.	3.2	5
116	Generic vertical handover prediction algorithm for 4G wireless networks. , 2013, , .		4
117	Downlink spectral efficiency evaluation with carrier aggregation in LTE-Advanced system employing Adaptive Modulation and Coding schemes. , 2013, , .		4
118	Empirical investigation of pedal power calculation techniques for track cycling performance measurement. , 2013, , .		4
119	Optimization of hybrid renewable energy power system for urban LTE base station deployment in Malaysia. , 2014, , .		4
120	Investigation of pilot training effect in massive-MIMO TDD system. , 2015, , .		4
121	Energy Efficient and High Capacity Tradeoff in Distributed Antenna System for a Green Cellular Network. Journal of Computer Networks and Communications, 2015, 2015, 1-9.	1.6	4
122	From Sensing to Predictions and Database Technique: A Review of TV White Space Information Acquisition in Cognitive Radio Networks. Wireless Personal Communications, 2017, 96, 6473-6502.	2.7	4
123	Efficient Matrix-Based Channel Hopping Schemes for Blind Rendezvous in Distributed Cognitive Radio Networks. Sensors, 2018, 18, 4360.	3.8	4
124	Fast and Distributed Power Control Algorithm in Underlay Cognitive Radio Networks. Journal of Communications, 2014, 9, 634-643.	1.6	4
125	Research Efficacy among Engineering and Science Undergraduates. Procedia, Social and Behavioral Sciences, 2013, 102, 164-168.	0.5	3
126	Investigation of channel bonding based on TV White Space spectrum occupancy for urban areas in Malaysia. , 2014, , .		3

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127	Multi-stage cross entropy optimization algorithm for hard combining schemes in cognitive radio network. , 2015, , .		3
128	Survey on performance of Adaptive Modulation scheme with cooperative Diversity in wireless systems. , 2015, , .		3
129	Intelligent cooperation management among solar powered base stations towards a green cellular network in a country with an equatorial climate. Telecommunication Systems, 2016, 62, 179-198.	2.5	3
130	Performance Analysis of Multi-level Vertical Handover in Wireless Heterogeneous Networks. Wireless Personal Communications, 2017, 95, 1109-1130.	2.7	3
131	An Enhanced System Information Acquisition Scheme for CSG Femtocells in 3GPP LTE/LTE A Systems. Wireless Personal Communications, 2017, 96, 3995-4011.	2.7	3
132	Combined Sector and Channel Hopping Schemes for Efficient Rendezvous in Directional Antenna Cognitive Radio Networks. Wireless Communications and Mobile Computing, 2017, 2017, 1-19.	1.2	3
133	Pilot Decontamination Using Coordinated Wiener Predictor in Massive-MIMO System. IEEE Access, 2018, 6, 73180-73190.	4.2	3
134	2D-AOA Estimation and Tilt Angle Adaptation for 3D Beamforming Interference Reduction in Massive MIMO. , 2019, , .		3
135	An improved water-filling algorithm based on power allocation in network MIMO. Telecommunication Systems, 2020, 75, 447-460.	2.5	3
136	Two dimension angle of arrival-based precoding for pilot contamination reduction in multi-cell massive MIMO systems. Wireless Networks, 2020, 26, 4129-4147.	3.0	3
137	Game Theory-Based Power Allocation Strategy for NOMA in 5G Cooperative Beamforming. Wireless Personal Communications, 2022, 122, 1101-1128.	2.7	3
138	Smart Grid Data Management in a Heterogeneous Environment with a Hybrid Load Forecasting Model. Applied Sciences (Switzerland), 2021, 11, 9600.	2.5	3
139	Regressive Prediction Approach to Vertical Handover in Fourth Generation Wireless Networks. Journal of ICT Research and Applications, 2014, 8, 31-48.	0.8	3
140	Overcoming Self- Interference in SM-OFDMA with ESINR and Dynamic Subcarrier Allocation. , 2009, , .		2
141	Power allocation via interference compensation in underlay cognitive radio networks: A game theoretic perspective. , 2012, , .		2
142	Exploiting Spatial and Frequency Diversity in Spatially Correlated MU-MIMO Downlink Channels. Journal of Computer Networks and Communications, 2012, 2012, 1-10.	1.6	2
143	Design of Transmitter for CDM Based 2Ã—2 Multiple Input Multiple Output Channel Sounder for Multipath Delay Measurement. American Journal of Applied Sciences, 2012, 9, 117-122.	0.2	2
144	Comparison of Channel State Information Estimation Using SLM and Clipping-based PAPR Reduction Methods. Procedia Technology, 2013, 11, 955-961.	1.1	2

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145	The eye as a new side channel threat on smartphones. , 2013, , .		2
146	Investigation of user scheduling schemes under different MIMO transmission modes for carrier aggregation in LTE-A. , 2014, , .		2
147	Evaluation of contiguous and non-contiguous channel bonding schemes based on TVWS spectrum occupancy in Malaysia. , 2015, , .		2
148	The Gap between Expectation & Reality: Long Term Evolution (LTE) & Third Generation (3G) Network Performance in Campus with Test Mobile System (TEMS). , 2015, , .		2
149	Compensation of energy-efficiency degradation due to antenna-muting in distributed antenna systems for a green cellular network. , 2015, , .		2
150	Optimality of the HDC rules in cooperative spectrum sensing for Cognitive Radio network. , 2015, , .		2
151	Dynamic spectrum access in femtocell using LTE/LTE-unlicensed bands. , 2016, , .		2
152	Design and evaluation of network-based distributed mobility management solution based on PFMIPv6. , 2016, , .		2
153	Performance of AODV and OLSR routing protocol in a hybrid sensor and vehicular network 802.11p. , 2016, , .		2
154	An Efficient Scheduling Scheme for OFDMA Resource Blocks with Joint User Scheduling based on Earliest Deadline First with Carrier Aggregation (CA) in LTE-A System. Wireless Personal Communications, 2016, 88, 173-183.	2.7	2
155	Improved Water-Filling Power Allocation for Energy-Efficient Massive MIMO Downlink Transmissions. International Journal of Electronics and Telecommunications, 2017, 63, 79-84.	0.6	2
156	Efficient Pricing Technique for Resource Allocation Problem in Downlink OFDM Cognitive Radio Networks. Journal of Physics: Conference Series, 2017, 852, 012038.	0.4	2
157	D-GRACE: Discounted Spectrum Price Game-Based Resource Allocation in a Competitive Environment for TVWS Networks. IEEE Access, 2018, 6, 7579-7592.	4.2	2
158	Deployment Challenges and Co-tier Interference Management Techniques for Ultra-dense Femtocell Networks. , 2018, , 239-252.		2
159	Reconfigurable Base Station towards the Evolution of Smart Campus. , 2018, , .		2
160	Spectrum Sensing Schemes for Dynamic Primary User Signal Under AWGN and Rayleigh Fading Channels. Journal of Communications, 2016, , .	1.6	2
161	SINR-based Network Selection for Optimization in Heterogeneous Wireless Networks (HWNs). Journal of ICT Research and Applications, 2015, 9, 148-161.	0.8	2
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164	Application Layer-Forward Error Correction Raptor Q Codes in 5G Mobile Networks for Factory of the Future. Wireless Communications and Mobile Computing, 2022, 2022, 1-19.	1.2	2
165	Dynamic subcarrier allocation with ESINR metric in correlated SM-OFDMA. , 2010, , .		1
166	A Multi-Layer Network Selection Function for downlink handover scheme in LTE and LTE-advanced. , 2011, , .		1
167	An investigation of self-interference reduction strategy in correlated SM-OFDMA systems. , 2011, , .		1
168	Hybrid location determination techniques in heterogeneous network. , 2012, , .		1
169	Improved concatenated (RS-CC) for OFDM systems. IEICE Electronics Express, 2012, 9, 538-543.	0.8	1
170	Impact of spatial correlation towards the performance of MIMO downlink transmissions. , 2012, , .		1
171	Partial feedback scheme with an interference-aware subcarrier allocation scheme in a correlated LTE downlink. , 2013, , .		1
172	Energy-efficient subcarrier optimization scheme based on particle swarm for green radio wireless networks. , 2013, , .		1
173	Autonomous power control scheme for LTE-advanced macro-femto networks. , 2013, , .		1
174	Adaptive Modulation for Space-Time Block Code OFDM systems based on EVM. IEICE Communications Express, 2013, 2, 74-79.	0.4	1
175	Impact of Feedback Channel Delay over Joint User Scheduling Scheme and Separated Random User Scheduling Scheme in LTE-A System with Carrier Aggregation. Journal of Computer Networks and Communications, 2014, 2014, 1-7.	1.6	1
176	Investigation of mobility supports for smart-secured-seamless (SSS) public transportation in Kuala-Lumpur based on TV white space. , 2014, , .		1
177	Dynamic resource block for base station grouping in macro-diversity systems for LTE public safety networks. , 2014, , .		1
178	Effect of work period of the primary user on spectrum sensing schemes based on MDE-dynamic energy detection. , 2014, , .		1
179	Leveraging existing WLAN infrastructure for wireless indoor positioning based on fingerprinting and clustering technique. , 2014, , .		1
180	Non cooperative Cournot economic game model for heterogeneous coexistence in TVWS. , 2014, , .		1

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181	Power allocation for dynamic fractional frequency reuse (DFFR) in downlink LTE-a system. , 2015, , .		1
182	Fast handover proximity for heterogeneous cellular networks. , 2015, , .		1
183	Partially Compensated Power Control Technique for LTE-A Macro-Femto Networks. Lecture Notes in Electrical Engineering, 2015, , 331-341.	0.4	1
184	Exploiting Coexistence Between UMTS and LTE for Greener Cellular Networks with Particle Swarm Optimization. Wireless Personal Communications, 2015, 85, 623-639.	2.7	1
185	Performance of Adaptive Modulation in alpha-mu fading channel under selection combining diversity. , 2015, , .		1
186	Performance analysis of inter-cell interference reduction using AOA-based beamforming in Mm wave massive MIMO systems. , 2017, , .		1
187	Coordinated Wiener Predictor for channel estimation in massive-MIMO system. , 2017, , .		1
188	Clustering Transmission Opportunity Length (CTOL) Model over Cognitive Radio Network. Sensors, 2018, 18, 4351.	3.8	1
189	A User Cooperation Approach for Interference Cancellation in FDD Massive MIMO Systems. Electronics (Switzerland), 2020, 9, 1679.	3.1	1
190	Maximizing signal to leakage ratios in MIMO BCH cooperative beamforming scheme. International Journal of Electrical and Computer Engineering, 2019, 9, 3701.	0.7	1
191	Planning and Predicting IoT Wireless Communication Coverage Based on Three Applications in Kuala Lumpur City. , 2021, , .		1
192	Physical Distancing Device with Edge Computing for COVID-19 (PADDIE-C19). Sensors, 2022, 22, 279.	3.8	1
193	DEVELOPMENT OF SMART CAMPUS APPLICATIONS BASED ON WIRELESS TECHNOLOGIES USING OPEN-SOURCE PLATFORMS. Jurnal Teknologi (Sciences and Engineering), 2022, 84, 173-184.	0.4	1
194	A spatial interference minimization strategy for the correlated LTE downlink channel. , 2010, , .		0
195	HGS-assisted detection algorithm for 4G and beyond wireless mobile communication systems. , 2011, , .		0
196	Fair channel allocation techniques for clustered cooperative communication in LTE/LTE advanced. , 2012, , .		0
197	An Investigation of Self-Interference Reduction Strategy in a Spatially Correlated MIMO Channel. Journal of Computer Networks and Communications, 2012, 2012, 1-10.	1.6	0
198	Performance considerations of LTE-A femtocell networks under different load variations. , 2013, , .		0

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199	Adaptive modulation for space-time block code OFDM systems based on the dispersion of symbol. , 2013, , .		0
200	Investigation of a joint channel estimation technique for PAPR reduction in OFDM systems. , 2013, , .		0
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