

# Rosdiadee Nordin

## List of Publications by Year in descending order

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219  
papers

3,724  
citations

201674

27  
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155660

55  
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221  
all docs

221  
docs citations

221  
times ranked

3633  
citing authors

#	ARTICLE	IF	CITATIONS
1	Game Theory-Based Power Allocation Strategy for NOMA in 5G Cooperative Beamforming. <i>Wireless Personal Communications</i> , 2022, 122, 1101-1128.	2.7	3
2	Multi-Radio Access Software-Defined Vehicular Network. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022, 23, 10030-10048.	8.0	5
3	Real-World Evaluation of Power Consumption and Performance of NB-IoT in Malaysia. <i>IEEE Internet of Things Journal</i> , 2022, 9, 11614-11632.	8.7	12
4	Revolution or Evolution? Technical Requirements and Considerations towards 6G Mobile Communications. <i>Sensors</i> , 2022, 22, 762.	3.8	58
5	Wireless Drone Charging Station Using Class-E Power Amplifier in Vertical Alignment and Lateral Misalignment Conditions. <i>Energies</i> , 2022, 15, 1298.	3.1	12
6	Wireless Transmissions, Propagation and Channel Modelling for IoT Technologies: Applications and Challenges. <i>IEEE Access</i> , 2022, 10, 24095-24131.	4.2	23
7	Effectiveness of Handover Control Parameters on Handover Performance in 5G and beyond Mobile Networks. <i>Wireless Communications and Mobile Computing</i> , 2022, 2022, 1-18.	1.2	9
8	Physical Distancing Device with Edge Computing for COVID-19 (PADDIE-C19). <i>Sensors</i> , 2022, 22, 279.	3.8	1
9	Topology-Based Routing Protocols and Mobility Models for Flying Ad Hoc Networks: A Contemporary Review and Future Research Directions. <i>Drones</i> , 2022, 6, 9.	4.9	42
10	Low-Altitude-Platform-Based Airborne IoT Network (LAP-AIN) for Water Quality Monitoring in Harsh Tropical Environment. <i>IEEE Internet of Things Journal</i> , 2022, 9, 20034-20054.	8.7	10
11	DEVELOPMENT OF SMART CAMPUS APPLICATIONS BASED ON WIRELESS TECHNOLOGIES USING OPEN-SOURCE PLATFORMS. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2022, 84, 173-184.	0.4	1
12	Application Layer-Forward Error Correction Raptor Q Codes in 5G Mobile Networks for Factory of the Future. <i>Wireless Communications and Mobile Computing</i> , 2022, 2022, 1-19.	1.2	2
13	Mobile Network Coverage Prediction Based on Supervised Machine Learning Algorithms. <i>IEEE Access</i> , 2022, 10, 55782-55793.	4.2	10
14	Cross-Layer Design and Performance Analysis for Ultra-Reliable Factory of the Future Based on 5G Mobile Networks. <i>IEEE Access</i> , 2021, 9, 68161-68175.	4.2	6
15	Mobile Network Performance and Technical Feasibility of LTE-Powered Unmanned Aerial Vehicle. <i>Sensors</i> , 2021, 21, 2848.	3.8	17
16	LoRa Communications as an Enabler for Internet of Drones towards Large-Scale Livestock Monitoring in Rural Farms. <i>Sensors</i> , 2021, 21, 5044.	3.8	57
17	Multi-Objective Optimization of Joint Power and Admission Control in Cognitive Radio Networks Using Enhanced Swarm Intelligence. <i>Electronics (Switzerland)</i> , 2021, 10, 189.	3.1	12
18	An Anonymous Certificateless Signcryption Scheme for Secure and Efficient Deployment of Internet of Vehicles. <i>Sustainability</i> , 2021, 13, 10891.	3.2	10

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19	Smart Grid Data Management in a Heterogeneous Environment with a Hybrid Load Forecasting Model. Applied Sciences (Switzerland), 2021, 11, 9600.	2.5	3
20	Sustainable Delay Minimization Strategy for Mobile Edge Computing Offloading under Different Network Scenarios. Sustainability, 2021, 13, 12112.	3.2	6
21	Planning and Predicting IoT Wireless Communication Coverage Based on Three Applications in Kuala Lumpur City. , 2021, , .		1
22	Ionizing Radiation Monitoring Technology at the Verge of Internet of Things. Sensors, 2021, 21, 7629.	3.8	20
23	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
24	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
25	Investigation of accuracy of rain-rate and rain-attenuation prediction models in satellite communications based on meteorological skills. Mausam, 2021, 68, 621-632.	0.1	0
26	Ping-Pong Handover Effect Reduction in 5G and Beyond Networks. , 2021, , .		13
27	What is the Value of Limited Feedback for Next Generation of Cellular Systems?. Wireless Personal Communications, 2020, 110, 1127-1142.	2.7	7
28	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
29	Optimum design of an optical waveguide: Determination of the branching angle of s-bend waveguides. Optik, 2020, 200, 163249.	2.9	5
30	Energy-Efficient Downlink for Non-Orthogonal Multiple Access with SWIPT under Constrained Throughput. Energies, 2020, 13, 107.	3.1	16
31	Key Challenges, Drivers and Solutions for Mobility Management in 5G Networks: A Survey. IEEE Access, 2020, 8, 172534-172552.	4.2	95
32	An improved water-filling algorithm based on power allocation in network MIMO. Telecommunication Systems, 2020, 75, 447-460.	2.5	3
33	A User Cooperation Approach for Interference Cancellation in FDD Massive MIMO Systems. Electronics (Switzerland), 2020, 9, 1679.	3.1	1
34	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
35	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
36	Effective Wide Spectrum Sharing Techniques Relying on CR Technology toward 5G: A Survey. Journal of Communications, 2020, , 122-147.	1.6	14

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37	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
38	Enhanced Channels Access Methods in HetBands for Single and Multi-RAT Femtocell Networks. Journal of Communications, 2020, , 849-865.	1.6	0
39	Basketball Players Performance Analytic as Experiential Learning Approach in Teaching Undergraduate Data Science Course. , 2020, , .		2
40	IoT Infrastructure for Environmental Monitoring: A Case at Tasik Chini Biosphere Reserve. , 2020, , .		0
41	2D-AOA Estimation and Tilt Angle Adaptation for 3D Beamforming Interference Reduction in Massive MIMO. , 2019, , .		3
42	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
43	The Four-C Framework for High Capacity Ultra-Low Latency in 5G Networks: A Review. Energies, 2019, 12, 3449.	3.1	11
44	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
45	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
46	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
47	Wireless Energy Harvesting with Cooperative Relaying under the Best Relay Selection Scheme. Energies, 2019, 12, 892.	3.1	11
48	Beamforming with 2D-AOA estimation for pilot contamination reduction in massive MIMO. Telecommunication Systems, 2019, 71, 541-552.	2.5	8
49	Maximizing signal to leakage ratios in MIMO BCH cooperative beamforming scheme. International Journal of Electrical and Computer Engineering, 2019, 9, 3701.	0.7	1
50	Power Allocation in Cooperative NOMA MU-MIMO Beamforming Based on Maximal SLR Precoding for 5G. Journal of Communications, 2019, , 676-683.	1.6	20
51	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
52	Wiener-based smoother and predictor for massive-MIMO downlink system under pilot contamination. Telecommunication Systems, 2018, 67, 387-399.	2.5	9
53	Deployment Challenges and Co-tier Interference Management Techniques for Ultra-dense Femtocell Networks. , 2018, , 239-252.		2
54	Reconfigurable Base Station towards the Evolution of Smart Campus. , 2018, , .		2

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55	Clustering Transmission Opportunity Length (CTOL) Model over Cognitive Radio Network. <i>Sensors</i> , 2018, 18, 4351.	3.8	1
56	Pilot Decontamination Using Coordinated Wiener Predictor in Massive-MIMO System. <i>IEEE Access</i> , 2018, 6, 73180-73190.	4.2	3
57	Efficient Matrix-Based Channel Hopping Schemes for Blind Rendezvous in Distributed Cognitive Radio Networks. <i>Sensors</i> , 2018, 18, 4360.	3.8	4
58	Power Reduction with Sleep/Wake on Redundant Data (SWORD) in a Wireless Sensor Network for Energy-Efficient Precision Agriculture. <i>Sensors</i> , 2018, 18, 3450.	3.8	29
59	Adaptive Neural Fuzzy Inference System for Accurate Localization of Wireless Sensor Network in Outdoor and Indoor Cycling Applications. <i>IEEE Access</i> , 2018, 6, 38475-38489.	4.2	45
60	Single-Tube and Multi-Turn Coil Near-Field Wireless Power Transfer for Low-Power Home Appliances. <i>Energies</i> , 2018, 11, 1969.	3.1	13
61	How to make key 5G wireless technologies environmental friendly: A review. <i>Transactions on Emerging Telecommunications Technologies</i> , 2018, 29, e3254.	3.9	40
62	Adaptive Multi-state Millimeter Wave Cell Selection Scheme for 5G communication. <i>International Journal of Electrical and Computer Engineering</i> , 2018, 8, 2967.	0.7	5
63	Energy Harvesting with Link Adaptation under Different Wireless Relaying Schemes. <i>Journal of Communications</i> , 2018, , 482-489.	1.6	5
64	Fast handover solution for network-based distributed mobility management in intelligent transportation systems. <i>Telecommunication Systems</i> , 2017, 64, 325-346.	2.5	24
65	Power-efficient routing schemes for MANETs: a survey and open issues. <i>Wireless Networks</i> , 2017, 23, 1917-1952.	3.0	47
66	Performance Analysis of Multi-level Vertical Handover in Wireless Heterogeneous Networks. <i>Wireless Personal Communications</i> , 2017, 95, 1109-1130.	2.7	3
67	Semi-Clustering of Victim-Cells Approach for Interference Management in Ultra-Dense Femtocell Networks. <i>IEEE Access</i> , 2017, 5, 9032-9043.	4.2	23
68	802.21-Assisted Distributed Mobility Management Solution in Vehicular Networks. <i>IEEE Access</i> , 2017, 5, 9518-9532.	4.2	19
69	Intelligent cooperation management of multi-radio access technology towards the green cellular networks for the twenty-twenty information society. <i>Telecommunication Systems</i> , 2017, 65, 497-510.	2.5	11
70	From Sensing to Predictions and Database Technique: A Review of TV White Space Information Acquisition in Cognitive Radio Networks. <i>Wireless Personal Communications</i> , 2017, 96, 6473-6502.	2.7	4
71	An Enhanced System Information Acquisition Scheme for CSG Femtocells in 3GPP LTE/LTE A Systems. <i>Wireless Personal Communications</i> , 2017, 96, 3995-4011.	2.7	3
72	Improved Water-Filling Power Allocation for Energy-Efficient Massive MIMO Downlink Transmissions. <i>International Journal of Electronics and Telecommunications</i> , 2017, 63, 79-84.	0.6	2

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73	Efficient rendezvous schemes for fast-varying cognitive radio ad hoc networks. Transactions on Emerging Telecommunications Technologies, 2017, 28, e3217.	3.9	6
74	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
75	A Discrete Event Simulation for Hierarchical Mobile IPv6. Wireless Personal Communications, 2017, 95, 4883-4901.	2.7	0
76	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
77	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
78	Energy harvesting with cooperative networks and adaptive transmission. , 2017, , .		5
79	Efficient Pricing Technique for Resource Allocation Problem in Downlink OFDM Cognitive Radio Networks. Journal of Physics: Conference Series, 2017, 852, 012038.	0.4	2
80	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
81	Effect of Beamforming on mmWave Systems in Various Realistic Environments. , 2017, , .		7
82	Traffic load-based analysis of MBQA-OLSR routing protocol in wireless ad hoc networks. , 2017, , .		8
83	The world-first deployment of narrowband IoT for rural hydrological monitoring in UNESCO biosphere environment. , 2017, , .		17
84	EMA-MPR: Energy and mobility-aware multi-point relay selection mechanism for multipath OLSRv2. , 2017, , .		11
85	Performance analysis of inter-cell interference reduction using AOA-based beamforming in Mm wave massive MIMO systems. , 2017, , .		1
86	Coordinated Wiener Predictor for channel estimation in massive-MIMO system. , 2017, , .		1
87	Energy-Efficient Wireless Sensor Networks for Precision Agriculture: A Review. Sensors, 2017, 17, 1781.	3.8	414
88	Opportunities and Challenges for Near-Field Wireless Power Transfer: A Review. Energies, 2017, 10, 1022.	3.1	185
89	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
90	Handover Performance Evaluation of Centralized and Distributed Network-Based Mobility Management in Vehicular Urban Environment. , 2017, , .		6

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91	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
92	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
93	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
94	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
95	A Wireless Sensor Network with Soft Computing Localization Techniques for Track Cycling Applications. Sensors, 2016, 16, 1043.	3.8	46
96	Dynamic spectrum access in femtocell using LTE/LTE-unlicensed bands. , 2016, , .		2
97	Efficient pricing technique for resource allocation problem in uplink OFDM cognitive radio networks. , 2016, , .		0
98	An efficient quorum-based rendezvous scheme for multi-radio cognitive radio networks. , 2016, , .		7
99	Design and evaluation of network-based distributed mobility management solution based on PMIPv6. , 2016, , .		2
100	Performance of AODV and OLSR routing protocol in a hybrid sensor and vehicular network 802.11p. , 2016, , .		2
101	A quiz management system based on P2P near-field communication on Android platform for smart class environments. , 2016, , .		12
102	Enhanced cellular systems for cooperative communication in 5G networks. , 2016, , .		0
103	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
104	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
105	Spectrum Sharing Etiquette Considering Primary User Activity Pattern in Dynamic TVWS via Cournot Game Theory. Wireless Personal Communications, 2016, 91, 463-485.	2.7	0
106	Database-Assisted Television White Space Technology: Challenges, Trends and Future Research Directions. IEEE Access, 2016, 4, 8162-8183.	4.2	18
107	Welcome remarks from general co-chairs. , 2016, , .		0
108	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

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109	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. <i>Wireless Personal Communications</i> , 2016, 88, 173-183.	2.7	2
110	Green wireless network optimisation strategies within smart grid environments for Long Term Evolution (LTE) cellular networks in Malaysia. <i>Renewable Energy</i> , 2016, 85, 157-170.	8.9	30
111	Intelligent cooperation management among solar powered base stations towards a green cellular network in a country with an equatorial climate. <i>Telecommunication Systems</i> , 2016, 62, 179-198.	2.5	3
112	Spectrum Sensing Schemes for Dynamic Primary User Signal Under AWGN and Rayleigh Fading Channels. <i>Journal of Communications</i> , 2016, , .	1.6	2
113	A PDR-Based Scheduling Scheme for LTE-A Networks. <i>Journal of Communications</i> , 2016, , .	1.6	0
114	Dynamic Fractional Frequency Reuse based on an Improved Water-Filling for Network MIMO. <i>KSII Transactions on Internet and Information Systems</i> , 2016, 10, .	0.3	0
115	NOVEL MULTIPLE LEVEL SUBCARRIER ALLOCATION SCHEME IN SC-FDMA FOR LTE-A UPLINK. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2016, 78, .	0.4	0
116	Power allocation for dynamic fractional frequency reuse (DFFR) in downlink LTE-a system. , 2015, , .		1
117	Evaluation and mitigation of co-channel interference in mobile WiMAX 802.16e downlink. , 2015, , .		0
118	Fast handover proximity for heterogeneous cellular networks. , 2015, , .		1
119	Evaluation of contiguous and non-contiguous channel bonding schemes based on TVWS spectrum occupancy in Malaysia. , 2015, , .		2
120	Handover performance analysis of distributed mobility management in vehicular networks. , 2015, , .		7
121	Investigation of pilot training effect in massive-MIMO TDD system. , 2015, , .		4
122	The Gap between Expectation & Reality: Long Term Evolution (LTE) & Third Generation (3G) Network Performance in Campus with Test Mobile System (TEMS). , 2015, , .		2
123	Dynamic multi-state ultra-wideband mm-wave frequency selection for 5G communication. , 2015, , .		5
124	Ionospheric disturbances triggered by solar flare events during solar maximum â€” May 2013. , 2015, , .		0
125	Multi-stage cross entropy optimization algorithm for hard combining schemes in cognitive radio network. , 2015, , .		3
126	Temporal evaluation of secondary user interference to primary user in cognitive radio networks. , 2015, , .		0



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127	Energy Efficient and High Capacity Tradeoff in Distributed Antenna System for a Green Cellular Network. <i>Journal of Computer Networks and Communications</i> , 2015, 2015, 1-9.	1.6	4
128	Vertical Handover Decision Algorithm Using Multicriteria Metrics in Heterogeneous Wireless Network. <i>Journal of Computer Networks and Communications</i> , 2015, 2015, 1-8.	1.6	21
129	Proxy Mobile IPv6 Handover Management in Vehicular Networks: State of the Art, Taxonomy and Directions for Future Research. <i>Wireless Personal Communications</i> , 2015, 84, 1509-1534.	2.7	6
130	Compensation of energy-efficiency degradation due to antenna-muting in distributed antenna systems for a green cellular network. , 2015, , .		2
131	Statistical validation of performance of ZigBee-based wireless sensor network for track cycling. , 2015, , .		8
132	Cooperation Management Among Base Stations Based on Cells Switch-Off for a Green LTE Cellular Network. <i>Wireless Personal Communications</i> , 2015, 81, 303-318.	2.7	6
133	Partially Compensated Power Control Technique for LTE-A Macro-Femto Networks. <i>Lecture Notes in Electrical Engineering</i> , 2015, , 331-341.	0.4	1
134	Cell-Coverage-Area Optimization Based on Particle Swarm Optimization (PSO) for Green Macro Long-Term Evolution (LTE) Cellular Networks. , 2015, , 245-262.		0
135	An Ultra-Low Power Wireless Sensor Network for Bicycle Torque Performance Measurements. <i>Sensors</i> , 2015, 15, 11741-11768.	3.8	23
136	Energy optimisation of hybrid off-grid system for remote telecommunication base station deployment in Malaysia. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2015, 2015, .	2.4	56
137	Exploiting Coexistence Between UMTS and LTE for Greener Cellular Networks with Particle Swarm Optimization. <i>Wireless Personal Communications</i> , 2015, 85, 623-639.	2.7	1
138	Survey on performance of Adaptive Modulation scheme with cooperative Diversity in wireless systems. , 2015, , .		3
139	Performance of Adaptive Modulation in alpha-mu fading channel under selection combining diversity. , 2015, , .		1
140	Optimality of the HDC rules in cooperative spectrum sensing for Cognitive Radio network. , 2015, , .		2
141	Limited Feedback MU-MIMO in LTE-A System: Concepts, Performance, and Future Works. <i>Wireless Personal Communications</i> , 2015, 84, 935-957.	2.7	9
142	Multi-criteria based multipath OLSR for battery and queue-aware routing in multi-hop ad hoc wireless networks. <i>Wireless Networks</i> , 2015, 21, 1309-1326.	3.0	17
143	SINR-based Network Selection for Optimization in Heterogeneous Wireless Networks (HWNs). <i>Journal of ICT Research and Applications</i> , 2015, 9, 148-161.	0.8	2
144	A Survey on Energy Efficient Wireless Sensor Networks for Bicycle Performance Monitoring Application. <i>Journal of Sensors</i> , 2014, 2014, 1-16.	1.1	14

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145	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
146	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
147	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
148	Performance Evaluation of MBA-OLSR Routing Protocol for MANETs. Journal of Computer Networks and Communications, 2014, 2014, 1-10.	1.6	14
149	A New Sensors-Based Covert Channel on Android. Scientific World Journal, The, 2014, 2014, 1-14.	2.1	29
150	Energy-Efficient ZigBee-Based Wireless Sensor Network for Track Bicycle Performance Monitoring. Sensors, 2014, 14, 15573-15592.	3.8	41
151	Investigation of mobility supports for smart-secured-seamless (SSS) public transportation in Kuala-Lumpur based on TV white space. , 2014, , .		1
152	Investigation of user scheduling schemes under different MIMO transmission modes for carrier aggregation in LTE-A. , 2014, , .		2
153	Dynamic resource block for base station grouping in macro-diversity systems for LTE public safety networks. , 2014, , .		1
154	MBA-OLSR: A Multipath Battery Aware Routing Protocol for MANETs. , 2014, , .		9
155	Effect of work period of the primary user on spectrum sensing schemes based on MDE-dynamic energy detection. , 2014, , .		1
156	Optimization of hybrid renewable energy power system for urban LTE base station deployment in Malaysia. , 2014, , .		4
157	Leveraging existing WLAN infrastructure for wireless indoor positioning based on fingerprinting and clustering technique. , 2014, , .		1
158	Non cooperative Cournot economic game model for heterogeneous coexistence in TWWS. , 2014, , .		1
159	Optimization of signal-to-noise ratio for wireless light-emitting diode communication in modern lighting layouts. Optical Engineering, 2014, 53, 045103.	1.0	21
160	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
161	Classification, Recent Advances and Research Challenges in Energy Efficient Cellular Networks. Wireless Personal Communications, 2014, 77, 1249-1269.	2.7	34
162	Beyond ubiquitous computing: The Malaysian HoneyBee project for Innovative Digital Economy. Computer Standards and Interfaces, 2014, 36, 844-854.	5.4	5

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163	Vertical Handover Solutions Over LTE-Advanced Wireless Networks: An Overview. <i>Wireless Personal Communications</i> , 2014, 77, 3051-3079.	2.7	31
164	Design Consideration of an Energy Efficient Wireless Sensor Network for High Performance Track Cycling. , 2014, , .		5
165	Investigation of channel bonding based on TV White Space spectrum occupancy for urban areas in Malaysia. , 2014, , .		3
166	Investigation of rate-loss due to limited feedback in LTE-Advanced distributed antenna systems. , 2014, , .		0
167	Fast and Distributed Power Control Algorithm in Underlay Cognitive Radio Networks. <i>Journal of Communications</i> , 2014, 9, 634-643.	1.6	4
168	A Review on Intelligent Base Stations Cooperation Management Techniques for Greener LTE Cellular Networks. <i>Journal of Communications</i> , 2014, , .	1.6	5
169	Regressive Prediction Approach to Vertical Handover in Fourth Generation Wireless Networks. <i>Journal of ICT Research and Applications</i> , 2014, 8, 31-48.	0.8	3
170	Resource Allocation in Multiuser Multi-Carrier Cognitive Radio Network via Game and Supermarket Game Theory: Survey, Tutorial, and Open Research Directions. <i>KSII Transactions on Internet and Information Systems</i> , 2014, 8, .	0.3	0
171	Peer-to-peer communication on android-based mobile devices: Middleware and protocols. , 2013, , .		6
172	On the Best Sensor for Keystrokes Inference Attack on Android. <i>Procedia Technology</i> , 2013, 11, 989-995.	1.1	21
173	Comparison of Channel State Information Estimation Using SLM and Clipping-based PAPR Reduction Methods. <i>Procedia Technology</i> , 2013, 11, 955-961.	1.1	2
174	Research Efficacy among Engineering and Science Undergraduates. <i>Procedia, Social and Behavioral Sciences</i> , 2013, 102, 164-168.	0.5	3
175	Evaluation of energy consumption in multipath OLSR routing in Smart City applications. , 2013, , .		12
176	Technique for Cross-layer Vertical Handover Prediction in 4G Wireless Networks. <i>Procedia Technology</i> , 2013, 11, 114-121.	1.1	6
177	Performance considerations of LTE-A femtocell networks under different load variations. , 2013, , .		0
178	Femtocell Sleep Mode Activation based Interference Mitigation in Two-tier Networks. <i>Procedia Technology</i> , 2013, 11, 1088-1095.	1.1	7
179	Generic vertical handover prediction algorithm for 4G wireless networks. , 2013, , .		4
180	Application of game theory to underlay ad-hoc cognitive radio networks: An overview. , 2013, , .		11

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181	Partial feedback scheme with an interference-aware subcarrier allocation scheme in a correlated LTE downlink. , 2013, , .		1
182	Energy-efficient subcarrier optimization scheme based on particle swarm for green radio wireless networks. , 2013, , .		1
183	Efficient femtocell deployment under macrocell coverage in LTE-Advanced system. , 2013, , .		9
184	Adaptive modulation for space-time block code OFDM systems based on the dispersion of symbol. , 2013, , .		0
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