Nor Kamariah Noordin

List of Publications by Year
in descending order

90 papers	1,182 citations	623188 14 h-index	454577 30 g-index
91 all docs	91 docs citations	91 times ranked	1153 citing authors

#	Article	IF	Citations
1	COVID-19 outbreak in Malaysia: Actions taken by the Malaysian government. International Journal of Infectious Diseases, 2020, 97, 108-116.	1.5	258
2	6G Wireless Communications Networks: A Comprehensive Survey. IEEE Access, 2021, 9, 148191-148243.	2.6	157
3	Cluster Based Routing Protocol for Mobile Nodes in Wireless Sensor Network. Wireless Personal Communications, 2011, 61, 251-281.	1.8	72
4	Cluster Based Routing protocol for Mobile Nodes in Wireless Sensor Network. , 2009, , .		65
5	A Review on Hierarchical Routing Protocols for Wireless Sensor Networks. Wireless Personal Communications, 2013, 72, 1077-1104.	1.8	63
6	A Survey and Taxonomy on Medium Access Control Strategies for Cooperative Communication in Wireless Networks: Research Issues and Challenges. IEEE Communications Surveys and Tutorials, 2016, 18, 2493-2521.	24.8	38
7	Relay-Assisted D2D Underlay Cellular Network Analysis Using Stochastic Geometry: Overview and Future Directions. IEEE Access, 2019, 7, 115023-115051.	2.6	23
8	Fuzzy Logic Based Self-Adaptive Handover Algorithm for Mobile WiMAX. Wireless Personal Communications, 2013, 71, 1421-1442.	1.8	21
9	Fair Energy-Efficient Resource Allocation for Downlink NOMA Heterogeneous Networks. IEEE Access, 2020, 8, 200129-200145.	2.6	21
10	A Multi-Objective Routing Mechanism for Energy Management Optimization in SDN Multi-Control Architecture. IEEE Access, 2022, 10, 20312-20327.	2.6	19
11	Novel Resource Allocation Techniques for Downlink Non-Orthogonal Multiple Access Systems. Applied Sciences (Switzerland), 2020, 10, 5892.	1.3	17
12	Dynamic Backoff Collision Resolution for Massive M2M Random Access in Cellular IoT Networks. IEEE Access, 2020, 8, 201345-201359.	2.6	17
13	The performance evaluation of IEEE 802.11 against IEEE 802.15.4 with low transmission power. , 2011, , .		16
14	Implementation of convolutional encoder and Viterbi decoder using VHDL. , 2009, , .		15
15	Review of Energy Conservation Using Duty Cycling Schemes for IEEE 802.15.4 Wireless Sensor Network (WSN). Wireless Personal Communications, 2014, 77, 589-604.	1.8	15
16	An Adaptive Threshold Feedback Compression Scheme Based on Channel Quality Indicator (CQI) in Long Term Evolution (LTE) System. Wireless Personal Communications, 2015, 82, 2323-2349.	1.8	15
17	On Short Term Fairness and Throughput of User Clustering for Downlink Non-Orthogonal Multiple Access System. , 2019, , .		15
18	An Efficient Pilot Assignment Scheme for Addressing Pilot Contamination in Multicell Massive MIMO Systems. Electronics (Switzerland), 2019, 8, 372.	1.8	15

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19	An overview of spectrum sensing techniques for cognitive LTE and LTE-A radio systems. Telecommunication Systems, 2017, 65, 215-228.	1.6	14
20	Robust Beamforming and User Clustering for Guaranteed Fairness in Downlink NOMA With Partial Feedback. IEEE Access, 2019, 7, 121599-121611.	2.6	14
21	Downlink Training Design for FDD Massive MIMO Systems in the Presence of Colored Noise. Electronics (Switzerland), 2020, 9, 2155.	1.8	14
22	Heuristic Resource Allocation Algorithm for Controller Placement in Multi-Control 5G Based on SDN/NFV Architecture. IEEE Access, 2021, 9, 2602-2617.	2.6	14
23	Design and evaluation of distributed and dynamic mobility management approach based on PMIPv6 and MIH protocols. Wireless Networks, 2015, 21, 2747-2763.	2.0	13
24	Optimal Relay Selection Scheme with Multiantenna Power Beacon for Wireless-Powered Cooperation Communication Networks. Sensors, 2021, 21, 147.	2.1	13
25	Network Calculus-Based Latency for Time-Triggered Traffic under Flexible Window-Overlapping Scheduling (FWOS) in a Time-Sensitive Network (TSN). Applied Sciences (Switzerland), 2021, 11, 3896.	1.3	12
26	Utilizing Neighbours-Table to Improve Tree Routing Protocol in ZigBee Network. Wireless Personal Communications, 2012, 65, 469-488.	1.8	11
27	Home appliances controller using wireless controller area network (WCAN) system. , 2010, , .		10
28	Efficient Back-off Mechanism for Multimedia Support in 802.11e EDCA Wireless Ad-Hoc Networks. Wireless Personal Communications, 2013, 71, 439-466.	1.8	9
29	Survey and Analysis of Integrating PMIPv6 and MIH Mobility Management Approaches for Heterogeneous Wireless Networks. Wireless Personal Communications, 2015, 82, 1351-1376.	1.8	9
30	A partial feedback reporting scheme for LTE mobile video transmission with QoS provisioning. Computer Networks, 2017, 112, 108-121.	3.2	9
31	Centralized scheduling, routing tree in WiMAX mesh networks. , 2008, , .		7
32	Path recovery mechanism in 6LoWPAN routing. , 2010, , .		7
33	Approximate Linear Minimum Mean Square Error estimation based on Channel Quality Indicator feedback in LTE systems. , 2013, , .		7
34	A channel quality indicator (CQI) prediction scheme using feed forward neural network (FF-NN) technique for MU-MIMO LTE system. , 2014, , .		7
35	Design and simulation analysis of network-based fully distributed mobility management in flattened network architecture. Telecommunication Systems, 2017, 65, 253-267.	1.6	7
36	Sum Rate Maximization Versus MSE Minimization in FDD Massive MIMO Systems With Short Coherence Time. IEEE Access, 2021, 9, 108793-108808.	2.6	7

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37	A self‐configured link adaptation for green LTE downlink transmission. Transactions on Emerging Telecommunications Technologies, 2015, 26, 258-275.	2.6	6
38	Maximum rate resource allocation algorithms with multiuser diversity and QoS support for downlink OFDMA based WiMAX system. Telecommunication Systems, 2016, 63, 1-14.	1.6	6
39	Efficient rendezvous schemes for fast‐varying cognitive radio ad hoc networks. Transactions on Emerging Telecommunications Technologies, 2017, 28, e3217.	2.6	6
40	Interference Cancellation via D2D CSI Sharing for MU-MISO-NOMA System With Limited Feedback. IEEE Transactions on Vehicular Technology, 2021, 70, 4569-4584.	3.9	6
41	An optimized energy saving mechanism in IEEE 802.16e Mobile WiMAX systems. Journal of High Speed Networks, 2010, 17, 147-161.	0.6	5
42	Movement direction-based handover scanning for mobile WiMAX. , 2011, , .		5
43	Superposition Coding with Unequal Error Protection for the Uplink of Overloaded DS-CDMA System. Wireless Personal Communications, 2012, 65, 567-582.	1.8	5
44	6LoWPAN Route-Over with End-to-End Fragmentation and Reassembly Using Cross-Layer Adaptive Backoff Exponent. Wireless Personal Communications, 2018, 98, 1029-1053.	1.8	5
45	Transmission capacity analysis of relay-assisted D2D cellular networks with M2M coexistence. Computer Networks, 2019, 164, 106887.	3.2	5
46	Constructing routing tree for centralized scheduling using multi-channel single transceiver system in 802.16 mesh mode. , 2008, , .		4
47	Scalable Rekeying Algorithm in IEEE 802.16e. , 2011, , .		4
48	Mobile Station Movement Direction Prediction (MMDP) Based Handover Scanning for Mobile WiMAX System. Wireless Personal Communications, 2013, 73, 839-865.	1.8	4
49	A threshold feedback compression scheme of channel quality indicator (CQI) in LTE systems. , 2013, , .		4
50	A new cooperative spectrum sensing scheme based on discrete cosine transform. , 2016, , .		4
51	Efficient Matrix-Based Channel Hopping Schemes for Blind Rendezvous in Distributed Cognitive Radio Networks. Sensors, 2018, 18, 4360.	2.1	4
52	Outage Analysis of Energy-Harvesting-Based Relay-Assisted Random Underlay Cognitive Radio Networks With Multihop Primary Transmissions. IEEE Systems Journal, 2021, 15, 3871-3880.	2.9	4
53	Critical Offset Optimizations for Overlapping-Based Time-Triggered Windows in Time-Sensitive Network. IEEE Access, 2021, 9, 130484-130501.	2.6	4
54	Outage Minimization of Energy Harvesting-Based Relay-Assisted Random Underlay Cognitive Radio Networks With Interference Cancellation. IEEE Access, 2021, 9, 109432-109446.	2.6	4

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55	Worst-Case Latency Analysis for AVB Traffic Under Overlapping-Based Time-Triggered Windows in Time-Sensitive Networks. IEEE Access, 2022, 10, 43187-43208.	2.6	4
56	Energy efficient transmission for LTE cellular system. , 2012, , .		3
57	Performance Analysis of Wireless Control Area Network (WCAN) Using Token Frame Scheme. , 2012, , .		3
58	Performance Evaluation of Wireless Controller Area Network (WCAN) Using Token Frame Scheme. Wireless Personal Communications, 2013, 72, 1847-1873.	1.8	3
59	An Analysis of Periodogram Based on a Discrete Cosine Transform for Spectrum Sensing. Wireless Personal Communications, 2018, 101, 1261-1279.	1.8	3
60	A Modified Genetic Algorithm for Controller Placement Problem in SDN Distributed Network. , 2021, , .		3
61	Energy-aware data diffusion protocol with reduced source-to-sink delay for wireless sensor network. , 2007, , .		2
62	PHY and MAC, Cross-Layer optimization and Design. , 2008, , .		2
63	Digital Modulation Identification in terms of Software Defined Radio for Traffic Management System. , 2008, , .		2
64	Cross-layer design using multi-channel system in WiMAX mesh networks. , 2008, , .		2
65	Maximizing the Energy Efficiency in MS-MAC Using a Dynamic Approach. , 2008, , .		2
66	Addition of Gaussian random signals for peak to average power ratio reduction in OFDM systems. , 2008, , .		2
67	Expansion of a Y-shaped array antennas for radio astronomy. , 2013, , .		2
68	A performance analysis of a new periodogram for spectrum sensing. , 2016, , .		2
69	The Challenges of NEMO in 6LoWPAN Smart Building Area. , 2016, , .		2
70	Low Complexity Iterative-QR (IQR) Precoder Design Based on Structure Blocks for Massive MIMO System. Wireless Personal Communications, 2018, 102, 19-30.	1.8	2
71	Dynamic Tree-Splitting Algorithm for Massive Random Access of M2M Communications in IoT Networks. IEEE Systems Journal, 2022, 16, 3179-3190.	2.9	2
72	Directional Diversity of Smart Antenna in LAS CDMA Systems. Wireless Personal Communications, 2008, 46, 305-316.	1.8	1

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73	Theft prevention using wireless security system (WSS). , 2008, , .		1
74	Peak-to-average power ratio reduction in OFDM systems using smoothing technique. , 2009, , .		1
75	Spectrum Efficiency Enhancement in Dynamic Space Coded Multiple Access (DSCMA) System. Wireless Personal Communications, 2010, 53, 253-267.	1.8	1
76	Fair bandwidth assignment in hierarchical scheduling for mobile WiMAX system. , 2011, , .		1
77	Transmission of Visual Data over Wireless Fading Channel in Real-Time Systems Based on Superposition Coding Scheme. Arabian Journal for Science and Engineering, 2013, 38, 1459-1469.	1.1	1
78	High reliability of real-time visual data transmission using superposition coding with receiver diversity. Telecommunication Systems, 2014, 57, 107-118.	1.6	1
79	Partial Pilot Allocation Scheme in Multi-Cell Massive MIMO Systems for Pilot Contamination Reduction. Energies, 2020, 13, 3163.	1.6	1
80	Opportunities of hybrid random access protocols for M2M communications in LTE/LTE-A networks. Journal of High Speed Networks, 2021, , 1-20.	0.6	1
81	Constructing Routing Tree Centralized Scheduling using Multi-Channel System in 802.16. , 2008, , .		0
82	Fairness resource allocation for downlink OFDMA systems. , 2009, , .		0
83	SP-AMC scheme for visual data transmisson over wireless fading channel. , 2011, , .		0
84	Home appliances management system using Controller Area Network (CAN). , 2011, , .		0
85	A Novel Ternary CDMA Code for TPSK Modulation Scheme. Wireless Personal Communications, 2011, 58, 315-335.	1.8	0
86	Melody to musical notation translating system. , 2011, , .		0
87	An energy saving scheme for key management protocol in IEEE802.16e. , 2013, , .		0
88	Optimization of a large correlator array configuration to maximize the coverage ofÏ…-Î½plane and minimize the sidelobes. The Astronomical Review, 2013, 8, 66-82.	4.0	0
89	On spectral efficiency maximization in a partial joint processing system using a multi-start particle swarm optimization algorithm. , 2015, , .		0
90	Internet utility evaluation of a multi-start particle swarm optimization beamformer in a partial joint processing cellular network. , 2016, , .		0