

Nor Kamariah Noordin

List of Publications by Year in descending order

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Version: 2024-02-01

90
papers

1,182
citations

623188

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all docs

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docs citations

91
times ranked

1153
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic Tree-Splitting Algorithm for Massive Random Access of M2M Communications in IoT Networks. <i>IEEE Systems Journal</i> , 2022, 16, 3179-3190.	2.9	2
2	A Multi-Objective Routing Mechanism for Energy Management Optimization in SDN Multi-Control Architecture. <i>IEEE Access</i> , 2022, 10, 20312-20327.	2.6	19
3	Worst-Case Latency Analysis for AVB Traffic Under Overlapping-Based Time-Triggered Windows in Time-Sensitive Networks. <i>IEEE Access</i> , 2022, 10, 43187-43208.	2.6	4
4	Outage Analysis of Energy-Harvesting-Based Relay-Assisted Random Underlay Cognitive Radio Networks With Multihop Primary Transmissions. <i>IEEE Systems Journal</i> , 2021, 15, 3871-3880.	2.9	4
5	Sum Rate Maximization Versus MSE Minimization in FDD Massive MIMO Systems With Short Coherence Time. <i>IEEE Access</i> , 2021, 9, 108793-108808.	2.6	7
6	Critical Offset Optimizations for Overlapping-Based Time-Triggered Windows in Time-Sensitive Network. <i>IEEE Access</i> , 2021, 9, 130484-130501.	2.6	4
7	Heuristic Resource Allocation Algorithm for Controller Placement in Multi-Control 5G Based on SDN/NFV Architecture. <i>IEEE Access</i> , 2021, 9, 2602-2617.	2.6	14
8	Network Calculus-Based Latency for Time-Triggered Traffic under Flexible Window-Overlapping Scheduling (FWOS) in a Time-Sensitive Network (TSN). <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3896.	1.3	12
9	Interference Cancellation via D2D CSI Sharing for MU-MISO-NOMA System With Limited Feedback. <i>IEEE Transactions on Vehicular Technology</i> , 2021, 70, 4569-4584.	3.9	6
10	Outage Minimization of Energy Harvesting-Based Relay-Assisted Random Underlay Cognitive Radio Networks With Interference Cancellation. <i>IEEE Access</i> , 2021, 9, 109432-109446.	2.6	4
11	Optimal Relay Selection Scheme with Multiantenna Power Beacon for Wireless-Powered Cooperation Communication Networks. <i>Sensors</i> , 2021, 21, 147.	2.1	13
12	Opportunities of hybrid random access protocols for M2M communications in LTE/LTE-A networks. <i>Journal of High Speed Networks</i> , 2021, , 1-20.	0.6	1
13	6G Wireless Communications Networks: A Comprehensive Survey. <i>IEEE Access</i> , 2021, 9, 148191-148243.	2.6	157
14	A Modified Genetic Algorithm for Controller Placement Problem in SDN Distributed Network. , 2021, , .		3
15	Novel Resource Allocation Techniques for Downlink Non-Orthogonal Multiple Access Systems. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 5892.	1.3	17
16	Fair Energy-Efficient Resource Allocation for Downlink NOMA Heterogeneous Networks. <i>IEEE Access</i> , 2020, 8, 200129-200145.	2.6	21
17	Dynamic Backoff Collision Resolution for Massive M2M Random Access in Cellular IoT Networks. <i>IEEE Access</i> , 2020, 8, 201345-201359.	2.6	17
18	Downlink Training Design for FDD Massive MIMO Systems in the Presence of Colored Noise. <i>Electronics (Switzerland)</i> , 2020, 9, 2155.	1.8	14

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19	COVID-19 outbreak in Malaysia: Actions taken by the Malaysian government. International Journal of Infectious Diseases, 2020, 97, 108-116.	1.5	258
20	Partial Pilot Allocation Scheme in Multi-Cell Massive MIMO Systems for Pilot Contamination Reduction. Energies, 2020, 13, 3163.	1.6	1
21	On Short Term Fairness and Throughput of User Clustering for Downlink Non-Orthogonal Multiple Access System. , 2019, , .		15
22	Transmission capacity analysis of relay-assisted D2D cellular networks with M2M coexistence. Computer Networks, 2019, 164, 106887.	3.2	5
23	Relay-Assisted D2D Underlay Cellular Network Analysis Using Stochastic Geometry: Overview and Future Directions. IEEE Access, 2019, 7, 115023-115051.	2.6	23
24	Robust Beamforming and User Clustering for Guaranteed Fairness in Downlink NOMA With Partial Feedback. IEEE Access, 2019, 7, 121599-121611.	2.6	14
25	An Efficient Pilot Assignment Scheme for Addressing Pilot Contamination in Multicell Massive MIMO Systems. Electronics (Switzerland), 2019, 8, 372.	1.8	15
26	An Analysis of Periodogram Based on a Discrete Cosine Transform for Spectrum Sensing. Wireless Personal Communications, 2018, 101, 1261-1279.	1.8	3
27	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
28	Efficient Matrix-Based Channel Hopping Schemes for Blind Rendezvous in Distributed Cognitive Radio Networks. Sensors, 2018, 18, 4360.	2.1	4
29	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
30	Efficient rendezvous schemes for fast-varying cognitive radio ad hoc networks. Transactions on Emerging Telecommunications Technologies, 2017, 28, e3217.	2.6	6
31	An overview of spectrum sensing techniques for cognitive LTE and LTE-A radio systems. Telecommunication Systems, 2017, 65, 215-228.	1.6	14
32	Design and simulation analysis of network-based fully distributed mobility management in flattened network architecture. Telecommunication Systems, 2017, 65, 253-267.	1.6	7
33	A partial feedback reporting scheme for LTE mobile video transmission with QoS provisioning. Computer Networks, 2017, 112, 108-121.	3.2	9
34	A performance analysis of a new periodogram for spectrum sensing. , 2016, , .		2
35	A new cooperative spectrum sensing scheme based on discrete cosine transform. , 2016, , .		4
36	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

#	ARTICLE	IF	CITATIONS
37	The Challenges of NEMO in 6LoWPAN Smart Building Area. , 2016, , .		2
38	Internet utility evaluation of a multi-start particle swarm optimization beamformer in a partial joint processing cellular network. , 2016, , .		0
39	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
40	On spectral efficiency maximization in a partial joint processing system using a multi-start particle swarm optimization algorithm. , 2015, , .		0
41	A self-configured link adaptation for green LTE downlink transmission. Transactions on Emerging Telecommunications Technologies, 2015, 26, 258-275.	2.6	6
42	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
43	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
44	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
45	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
46	High reliability of real-time visual data transmission using superposition coding with receiver diversity. Telecommunication Systems, 2014, 57, 107-118.	1.6	1
47	A channel quality indicator (CQI) prediction scheme using feed forward neural network (FF-NN) technique for MU-MIMO LTE system. , 2014, , .		7
48	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
49	Mobile Station Movement Direction Prediction (MMDP) Based Handover Scanning for Mobile WiMAX System. Wireless Personal Communications, 2013, 73, 839-865.	1.8	4
50	Performance Evaluation of Wireless Controller Area Network (WCAN) Using Token Frame Scheme. Wireless Personal Communications, 2013, 72, 1847-1873.	1.8	3
51	A Review on Hierarchical Routing Protocols for Wireless Sensor Networks. Wireless Personal Communications, 2013, 72, 1077-1104.	1.8	63
52	Fuzzy Logic Based Self-Adaptive Handover Algorithm for Mobile WiMAX. Wireless Personal Communications, 2013, 71, 1421-1442.	1.8	21
53	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
54	Approximate Linear Minimum Mean Square Error estimation based on Channel Quality Indicator feedback in LTE systems. , 2013, , .		7

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55	An energy saving scheme for key management protocol in IEEE802.16e. , 2013, , .		0
56	Expansion of a Y-shaped array antennas for radio astronomy. , 2013, , .		2
57	Optimization of a large correlator array configuration to maximize the coverage of $\hat{1}/2$ plane and minimize the sidelobes. The Astronomical Review, 2013, 8, 66-82.	4.0	0
58	A threshold feedback compression scheme of channel quality indicator (CQI) in LTE systems. , 2013, , .		4
59	Energy efficient transmission for LTE cellular system. , 2012, , .		3
60	Performance Analysis of Wireless Control Area Network (WCAN) Using Token Frame Scheme. , 2012, , .		3
61	Utilizing Neighbours-Table to Improve Tree Routing Protocol in ZigBee Network. Wireless Personal Communications, 2012, 65, 469-488.	1.8	11
62	Superposition Coding with Unequal Error Protection for the Uplink of Overloaded DS-CDMA System. Wireless Personal Communications, 2012, 65, 567-582.	1.8	5
63	Movement direction-based handover scanning for mobile WiMAX. , 2011, , .		5
64	Fair bandwidth assignment in hierarchical scheduling for mobile WiMAX system. , 2011, , .		1
65	The performance evaluation of IEEE 802.11 against IEEE 802.15.4 with low transmission power. , 2011, , .		16
66	Scalable Rekeying Algorithm in IEEE 802.16e. , 2011, , .		4
67	SP-AMC scheme for visual data transmission over wireless fading channel. , 2011, , .		0
68	Home appliances management system using Controller Area Network (CAN). , 2011, , .		0
69	A Novel Ternary CDMA Code for TPSK Modulation Scheme. Wireless Personal Communications, 2011, 58, 315-335.	1.8	0
70	Cluster Based Routing Protocol for Mobile Nodes in Wireless Sensor Network. Wireless Personal Communications, 2011, 61, 251-281.	1.8	72
71	Melody to musical notation translating system. , 2011, , .		0
72	Spectrum Efficiency Enhancement in Dynamic Space Coded Multiple Access (DSCMA) System. Wireless Personal Communications, 2010, 53, 253-267.	1.8	1

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73	An optimized energy saving mechanism in IEEE 802.16e Mobile WiMAX systems. Journal of High Speed Networks, 2010, 17, 147-161.	0.6	5
74	Home appliances controller using wireless controller area network (WCAN) system. , 2010, , .		10
75	Path recovery mechanism in 6LoWPAN routing. , 2010, , .		7
76	Fairness resource allocation for downlink OFDMA systems. , 2009, , .		0
77	Cluster Based Routing protocol for Mobile Nodes in Wireless Sensor Network. , 2009, , .		65
78	Implementation of convolutional encoder and Viterbi decoder using VHDL. , 2009, , .		15
79	Peak-to-average power ratio reduction in OFDM systems using smoothing technique. , 2009, , .		1
80	Directional Diversity of Smart Antenna in LAS CDMA Systems. Wireless Personal Communications, 2008, 46, 305-316.	1.8	1
81	Constructing Routing Tree Centralized Scheduling using Multi-Channel System in 802.16. , 2008, , .		0
82	Constructing routing tree for centralized scheduling using multi-channel single transceiver system in 802.16 mesh mode. , 2008, , .		4
83	Theft prevention using wireless security system (WSS). , 2008, , .		1
84	PHY and MAC, Cross-Layer optimization and Design. , 2008, , .		2
85	Digital Modulation Identification in terms of Software Defined Radio for Traffic Management System. , 2008, , .		2
86	Cross-layer design using multi-channel system in WiMAX mesh networks. , 2008, , .		2
87	Maximizing the Energy Efficiency in MS-MAC Using a Dynamic Approach. , 2008, , .		2
88	Addition of Gaussian random signals for peak to average power ratio reduction in OFDM systems. , 2008, , .		2
89	Centralized scheduling, routing tree in WiMAX mesh networks. , 2008, , .		7
90	Energy-aware data diffusion protocol with reduced source-to-sink delay for wireless sensor network. , 2007, , .		2