

Mardeni Bin Roslee

List of Publications by Year in descending order

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34
papers

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160
citing authors

#	ARTICLE	IF	CITATIONS
1	Design of a Highly Efficient Wideband Multi-Frequency Ambient RF Energy Harvester. Sensors, 2022, 22, 424.	3.8	11
2	Resource Allocation for Throughput versus Fairness Trade-Offs under User Data Rate Fairness in NOMA Systems in 5G Networks. Applied Sciences (Switzerland), 2022, 12, 3226.	2.5	5
3	Towards green communication in 5G systems: Survey on beamforming concept. IET Communications, 2021, 15, 142-154.	2.2	16
4	A Quad-Band Stacked Hybrid Ambient RF-Solar Energy Harvester With Higher RF-to-DC Rectification Efficiency. IEEE Access, 2021, 9, 39303-39321.	4.2	10
5	Simulated Annealing for Resource Allocation in Downlink NOMA Systems in 5G Networks. Applied Sciences (Switzerland), 2021, 11, 4592.	2.5	18
6	High Bandwidth Hybrid Supply Modulation Using Totem Pole Configuration for Envelope Tracking Applications. , 2021, , .		0
7	Radio Resource Allocation for Interference Management in Device to Device (D2D) 5G Networks. , 2021, , .		1
8	Quad-Band Multiport Rectenna for RF Energy Harvesting in Ambient Environment. IEEE Access, 2021, 9, 77464-77481.	4.2	20
9	Quad-Band Rectenna for Ambient Radio Frequency (RF) Energy Harvesting. Sensors, 2021, 21, 7838.	3.8	14
10	Analysis of Spectrum Utilization in Data Centers for Internet of Things. , 2021, , .		0
11	Investigation of the Algorithm of Attack on the Data Center in an IoT Network. , 2021, , .		0
12	Algorithm and Scheme for D2D Communication in 4G /5G Networks. , 2020, , .		4
13	Velocity-Aware Handover Self-Optimization Management for Next Generation Networks. Applied Sciences (Switzerland), 2020, 10, 1354.	2.5	40
14	Auto Tuning Self-Optimization Algorithm for Mobility Management in LTE-A and 5G HetNets. IEEE Access, 2020, 8, 294-304.	4.2	55
15	Interference Management Using Beamforming Techniques for Line-of-Sight Femtocell Networks. IEICE Transactions on Communications, 2020, E103.B, 881-887.	0.7	2
16	Power Spectral Density and Spectral Efficiency Analysis in Line-of-Sight 2.6 GHz Beamforming Femtocell Networks. , 2019, , .		0
17	Resource Allocation Algorithm for D2D Communication in Cellular Networks Based on Hungarian Algorithm. , 2019, , .		3
18	Interference Avoidance Using TDMA-Beamforming in Location Aware Small Cell Systems. Applied Sciences (Switzerland), 2019, 9, 4979.	2.5	6

#	ARTICLE	IF	CITATIONS
19	Design of a Broadband Continuous Class-F RF Power Amplifier for 5G Communication System. , 2019, , .		5
20	An intelligent spectrum handoff scheme based on multiple attribute decision making for LTE-A network. International Journal of Electrical and Computer Engineering, 2019, 9, 5330.	0.7	3
21	Throughput Maximization Based on User Association in Heterogeneous Networks. , 2018, , .		5
22	Review on Femto-cell Networks Interference Management Techniques. International Journal of Engineering and Technology, 2018, 10, 1248-1262.	0.1	4
23	Investigation and Improvement of Maximum Likelihood Channel Estimator in OFDM Systems. , 2017, , .		3
24	Efficient handoff spectrum scheme using fuzzy decision making in cognitive radio system. , 2017, , .		14
25	Adaptive power management with fractional frequency reuse scheme for co-tier Femto-cell interference reduction. , 2017, , .		2
26	Fuzzy logic based negotiation approach for spectrum handoff in cognitive radio network. , 2016, , .		14
27	A NOVEL OF SURFACE REFLECTION METHOD USING RADIO-WAVE FOR SOIL DENSITY ESTIMATION. Progress in Electromagnetics Research M, 2014, 38, 53-61.	0.9	0
28	WRAN system on ZBC TV: A new way to internet connectivity for rural areas in Zimbabwe. , 2012, , .		2
29	IMPLEMENTATION OF RFID AND BLUETOOTH TECHNOLOGY FOR DATA TAGGING AND TRANSMISSION TO POINT OF SALE. Progress in Electromagnetics Research B, 2012, 40, 185-200.	1.0	3
30	Design of bow tie antenna in CST studio suite below 2GHz for ground penetrating radar applications. , 2011, , .		7
31	OPTIMIZATION OF HATA PROPAGATION PREDICTION MODEL IN SUBURBAN AREA IN MALAYSIA. Progress in Electromagnetics Research C, 2010, 13, 91-106.	0.9	39
32	ROAD PAVEMENT DENSITY ANALYSIS USING A NEW NON-DESTRUCTIVE GROUND PENETRATING RADAR SYSTEM. Progress in Electromagnetics Research B, 2010, 21, 399-417.	1.0	12
33	An enhanced broadband class-J mode power amplifier for 5G smart meter applications. F1000Research, 0, 10, 1099.	1.6	0
34	Dynamic spectrum management using frequency selection at licensed and unlicensed bands for efficient vehicle-to-vehicle communication. F1000Research, 0, 10, 1309.	1.6	1