

Mohd Najib Mohd Yasin

List of Publications by Year in descending order

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65
papers

548
citations

759233

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713466

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65
all docs

65
docs citations

65
times ranked

471
citing authors

#	ARTICLE	IF	CITATIONS
1	Green Internet of Things (GloT): Applications, Practices, Awareness, and Challenges. IEEE Access, 2021, 9, 38833-38858.	4.2	66
2	Mutual Coupling Reduction Using Hybrid Technique in Wideband Circularly Polarized MIMO Antenna for WiMAX Applications. IEEE Access, 2019, 7, 40951-40958.	4.2	55
3	Mutual Coupling Reduction of a Wideband Circularly Polarized Microstrip MIMO Antenna. IEEE Access, 2019, 7, 97838-97845.	4.2	38
4	A compact dual-band rectenna for ambient RF energy harvesting. Microwave and Optical Technology Letters, 2018, 60, 2740-2748.	1.4	32
5	Physical and electrical properties of SrTiO ₃ and SrZrO ₃ . EPJ Web of Conferences, 2017, 162, 01052.	0.3	29
6	Design of New Circularly Polarized Wearable Dielectric Resonator Antenna for Off-Body Communication in WBAN Applications. IEEE Access, 2019, 7, 150573-150582.	4.2	27
7	A Hybrid Mutual Coupling Reduction Technique in a Dual-Band MIMO Textile Antenna for WBAN and 5G Applications. IEEE Access, 2021, 9, 150768-150780.	4.2	23
8	Existing and Emerging Breast Cancer Detection Technologies and Its Challenges: A Review. Applied Sciences (Switzerland), 2021, 11, 10753.	2.5	21
9	Double band microwave rectifier for energy harvesting. Microwave and Optical Technology Letters, 2016, 58, 922-927.	1.4	17
10	Multi-stage feature selection (MSFS) algorithm for UWB-based early breast cancer size prediction. PLoS ONE, 2020, 15, e0229367.	2.5	16
11	Electrically Tunable Left-Handed Textile Metamaterial for Microwave Applications. Materials, 2021, 14, 1274.	2.9	16
12	A simple wideband electromagnetically fed circular polarized antenna for energy harvesting. Microwave and Optical Technology Letters, 2017, 59, 2390-2397.	1.4	13
13	A Hybrid Modified Method of the Sine Cosine Algorithm Using Latin Hypercube Sampling with the Cuckoo Search Algorithm for Optimization Problems. Electronics (Switzerland), 2020, 9, 1786.	3.1	13
14	A Negative Index Nonagonal CSRR Metamaterial-Based Compact Flexible Planar Monopole Antenna for Ultrawideband Applications Using Viscose-Wool Felt. Polymers, 2021, 13, 2819.	4.5	13
15	Bandwidth Enhancement and Generation of CP by Using Parasitic Patch on Rectangular DRA for Wireless Applications. IEEE Access, 2019, 7, 94365-94372.	4.2	12
16	1.575 GHz Circular Polarization wearable antenna with three different substrate materials. , 2014, , .		11
17	Optimization of wireless power transfer using artificial neural network: A review. Microwave and Optical Technology Letters, 2020, 62, 651-659.	1.4	10
18	Harvesting Systems for RF Energy: Trends, Challenges, Techniques, and Tradeoffs. Electronics (Switzerland), 2022, 11, 959.	3.1	10

#	ARTICLE	IF	CITATIONS
19	Modeling Superconducting Critical Temperature of 122-Iron-Based Prictide Intermetallic Superconductor Using a Hybrid Intelligent Computational Method. <i>Materials</i> , 2021, 14, 4604.	2.9	9
20	Measurements and Analysis of a Probe-Fed Circularly Polarized Loop Antenna Printed on a Layered Dielectric Sphere. <i>IEEE Transactions on Antennas and Propagation</i> , 2012, 60, 2096-2100.	5.1	8
21	A Flexible UWB Antenna for Wearable Technologies Application. , 2019, , .		8
22	Investigation on Wearable Antenna under Different Bending Conditions for Wireless Body Area Network (WBAN) Applications. <i>International Journal of Antennas and Propagation</i> , 2021, 2021, 1-9.	1.2	8
23	Modeling on impact of metal object obstruction in urban environment for internet of things application in vehicular communication. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	7
24	Higher-Order-Mode Triple Band Circularly Polarized Rectangular Dielectric Resonator Antenna. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3493.	2.5	7
25	A low-loss and compact single-layer butler matrix for a 5G base station antenna. <i>PLoS ONE</i> , 2019, 14, e0226499.	2.5	6
26	Bending Assessment of Dual-band Split Ring-shaped and Bar Slotted All-Textile Antenna for Off-body WBAN/WLAN and 5G Applications. , 2020, , .		6
27	Mutual Coupling Suppression in Wearable MIMO Antenna for On/Off-Body WBAN Applications. <i>Journal of Physics: Conference Series</i> , 2021, 1755, 012011.	0.4	5
28	Health Effects of 5G Base Station Exposure: A Systematic Review. <i>IEEE Access</i> , 2022, 10, 41639-41656.	4.2	5
29	High linearity 3.0-5.0 GHz ultrawideband CMOS up-conversion mixer with parallel capacitor. <i>Microwave and Optical Technology Letters</i> , 2015, 57, 427-429.	1.4	4
30	A study on Relay Effect via Magnetic Resonant Coupling for Wireless Power Transfer. <i>MATEC Web of Conferences</i> , 2016, 78, 01095.	0.2	4
31	Multiwavelength fiber laser employing semiconductor optical amplifier in nonlinear optical loop mirror with polarization controller and polarization maintaining fiber. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	4
32	Green Nanocomposite-Based Metamaterial Electromagnetic Absorbers: Potential, Current Developments and Future Perspectives. <i>IEEE Access</i> , 2020, 8, 33289-33304.	4.2	4
33	A Comprehensive Review of Midrange Wireless Power Transfer Using Dielectric Resonators. <i>International Journal of Antennas and Propagation</i> , 2021, 2021, 1-14.	1.2	4
34	Wireless power transfer (WPT) optimization using resonant coil. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	3
35	Advancement in biosensor: "Telediagnosis" and "remote digital imaging". <i>Biotechnology and Applied Biochemistry</i> , 2022, 69, 1199-1208.	3.1	3
36	A Frequency-Reconfigurable Microstrip Antenna with Constant Dipole-Like Radiation Patterns Using Single Bias, Triple Varactor Tuning with Reduced Complexity. <i>Wireless Personal Communications</i> , 0, , 1.	2.7	3

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37	Pattern-Reconfigurable PCB-based Phased Array for WLAN Applications. , 2020, , .		3
38	Feasibility Study on RF Energy Harvesting in Malaysia. Advanced Science Letters, 2017, 23, 5034-5038.	0.2	3
39	Performance Comparison between Polyester and Denim Textile Antenna on Non-Identical Human Upper Arm Sizes for 5G mid-band. , 2021, , .		3
40	Design of anti-theft/cable cut real time alert system for copper cable using microcontroller and GSM technology. AIP Conference Proceedings, 2017, , .	0.4	2
41	Ultra-Low Power CMOS RF Mixer for Wireless Sensor Networks Application: A Review. MATEC Web of Conferences, 2017, 97, 01037.	0.2	2
42	Implantable Patch Antenna for Body Communication. , 2018, , .		2
43	Waveguide for vortex mode generation in HVAC cloud management communication. AIP Conference Proceedings, 2020, , .	0.4	2
44	Stability of multiwavelength fiber laser employing semiconductor optical amplifier in nonlinear optical loop mirror with polarization maintaining fiber. , 2019, , .		2
45	A Novel Unsupervised Spectral Clustering for Pure-Tone Audiograms towards Hearing Aid Filter Bank Design and Initial Configurations. Applied Sciences (Switzerland), 2022, 12, 298.	2.5	2
46	Circular Polarization Textile Antenna for GPS Application. Lecture Notes in Electrical Engineering, 2015, , 255-263.	0.4	1
47	Investigation of transmission performance between antennas with textile Artificial Magnetic Conductor jacket on male and female subjects. , 2016, , .		1
48	Design and optimization of magnetic resonance coupling by using relay effect. , 2016, , .		1
49	IoT Based Smart Parking System. Journal of Physics: Conference Series, 2019, 1424, 012021.	0.4	1
50	Single Feed Circularly Polarized Antenna with Switchable Beam Ability. Advanced Science Letters, 2017, 23, 5203-5206.	0.2	1
51	Design of Electronically Steerable High Mode Dielectric Resonator Antenna using PIN Diode. , 2020, , .		1
52	5G Millimeter Wave Wearable Antenna: State-Of-the-Art and Current Challenges. , 2021, , .		1
53	An efficient triple band microwave rectifier. , 2015, , .		0
54	Comparison of rectifier performance using different matching technique. , 2016, , .		0

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55	Double loop mirror multi-wavelengths Brillouin fiber laser utilizing semiconductor optical amplifier based on SMF as gain medium. AIP Conference Proceedings, 2018, , .	0.4	0
56	Loop mirror multi-wavelength Brillouin fiber laser utilizing semiconductor optical amplifier in comparison with DCF and SMF. AIP Conference Proceedings, 2018, , .	0.4	0
57	Multiwavelength Brillouin fiber laser employing semiconductor optical amplifier and microfiber Mach-Zehnder interferometer in loop mirror. AIP Conference Proceedings, 2018, , .	0.4	0
58	Smart Electronic Pigeon Hole System. Journal of Physics: Conference Series, 2019, 1424, 012022.	0.4	0
59	A Flexible and Compact Metamaterial UHF RID Tag for Remote Sensing in Human Health. , 2020, , .		0
60	Characteristics of multiwavelength fiber laser employing semiconductor optical amplifier in nonlinear optical loop mirror with different length polarization maintaining fiber. AIP Conference Proceedings, 2020, , .	0.4	0
61	Smart embedded-analytics sensors with cloud-based measurement system for HVAC. AIP Conference Proceedings, 2020, , .	0.4	0
62	Design of enhanced textile UWB antenna with rectangular slot for wearable application. AIP Conference Proceedings, 2021, , .	0.4	0
63	The cadmium sulfide light emitting diodes die performance based on different structures. , 2018, , .		0
64	1Å–4 Patch Array All-Textile Antenna for WLAN Applications. , 2020, , .		0
65	DEVELOPMENT OF CASCADED VOLTAGE DOUBLER RECTIFIER FOR RF ENERGY HARVESTING. Jurnal Teknologi (Sciences and Engineering), 2022, 84, 153-161.	0.4	0