

Imran Bin Mohd Ibrahim

List of Publications by Year in descending order

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58
papers

385
citations

1040056

9
h-index

996975

15
g-index

58
all docs

58
docs citations

58
times ranked

317
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation of rubber wood sawdust-based activated carbon and its use as a filler of polyurethane matrix composites for microwave absorption. <i>New Carbon Materials</i> , 2015, 30, 167-175.	6.1	41
2	Enhancing Gain for UWB Antennas Using FSS: A Systematic Review. <i>Mathematics</i> , 2021, 9, 3301.	2.2	35
3	Compact Size and High Gain of CPW-fed UWB Strawberry Artistic shaped Printed Monopole Antennas using FSS Single Layer Reflector. <i>IEEE Access</i> , 2020, , 1-1.	4.2	34
4	A NOVEL RECONFIGURABLE UWB FILTERING-ANTENNA WITH DUAL SHARP BAND NOTCHES USING DOUBLE SPLIT RING RESONATORS. <i>Progress in Electromagnetics Research C</i> , 2017, 79, 185-198.	0.9	18
5	Broadband Circular Polarised Printed Antennas for Indoor Wireless Communication Systems: A Comprehensive Review. <i>Micromachines</i> , 2022, 13, 1048.	2.9	17
6	An optimization of Beam Squinted Radial Line Slot Array Antenna design at 5.8 GHz. , 2008, , .		15
7	Development of an economic and effective microwave absorber. , 2007, , .		14
8	Radiation control of microstrip patch antenna by using electromagnetic band gap. <i>AEU - International Journal of Electronics and Communications</i> , 2019, 110, 152835.	2.9	14
9	High Gain of UWB Planar Antenna Utilising FSS Reflector for UWB Applications. <i>Computers, Materials and Continua</i> , 2022, 70, 1419-1436.	1.9	14
10	Beam squinted Radial Line Slot Array antenna (RLSA) design for point-to-point WLAN application. , 2007, , .		13
11	Efficient feeding geometries for rectenna design at 2.45 GHz. <i>Electronics Letters</i> , 2017, 53, 1585-1587.	1.0	13
12	A meandered triple-band printed dipole antenna for RFID. , 2009, , .		12
13	Preliminary development of mini anechoic chamber. , 2007, , .		11
14	A miniaturised UWB FSS with Stop-band Characteristics for EM Shielding Applications. <i>Przegląd Elektrotechniczny</i> , 2021, 1, 144-147.	0.2	9
15	Radiation pattern control of microstrip antenna in elevation and azimuth planes using EBG and pin diode.. <i>International Journal of Electrical and Computer Engineering</i> , 2019, 9, 332.	0.7	9
16	5.75 GHz microstrip bandpass filter for ISM band. , 2007, , .		8
17	A study on effectiveness of FR4 as a dielectric material for radial line slot array antenna for wireless backhaul application. , 2011, , .		8
18	The performance comparison of printed dipole antenna with two different structures of AMC ground plane. , 2011, , .		8

#	ARTICLE	IF	CITATIONS
19	Enhanced performance of compact 2×2 antenna array with electromagnetic bandgap. Microwave and Optical Technology Letters, 2020, 62, 875-886.	1.4	5
20	Review Isolation Techniques of the MIMO Antennas for Sub-6. Przegląd Elektrotechniczny, 2021, 1, 3-9.	0.2	5
21	A Radial Line Slot Array (RLSA) Antenna with the Specifications of 16 dBi Outdoor patch Antenna. Telkomnika (Telecommunication Computing Electronics and Control), 2018, 16, 46.	0.8	5
22	Bandwidth and Gain Enhancement of Ultra-Wideband Monopole Antenna Using MEBG Structure. Journal of Engineering and Applied Sciences, 2019, 14, 3390-3393.	0.2	5
23	Microwave absorbing material using rubber wood sawdust. , 2011, , .		4
24	The effect of the carbon to the S&inf>11</inf> measurement on the pyramidal microwave absorbers. , 2011, , .		4
25	Performance comparison of AODV and HWMP routing protocols in wireless mesh networks. , 2013, , .		4
26	High gain antenna design and doubler rectifier for microwave power transfer. , 2017, , .		4
27	A compact UWB FSS single layer with stopband properties for shielding applications. Przegląd Elektrotechniczny, 2021, 1, 167-170.	0.2	4
28	Compact MIMO Antenna with High Isolation for 5G Smartphone Applications. Journal of Engineering Science and Technology Review, 2019, 12, 121-125.	0.4	4
29	Gain Enhancement for Whole Ultra-Wideband Frequencies of a Microstrip Patch Antenna. Journal of Computational and Theoretical Nanoscience, 2020, 17, 1469-1473.	0.4	4
30	Design of portable mini anechoic chamber using low cost composite absorber. , 2009, , .		3
31	A triple-band dipole antenna with 0.92 GHz AMC-HIS. , 2010, , .		3
32	Third order intermodulation distortion effect on the constellation error in RF transmitter of IEEE 802.11a WLAN system. , 2011, , .		3
33	Return Loss Improvement of Radial Line Slot Array Antennas on Closed Ring Resonator Structure at 28 GHz. Przegląd Elektrotechniczny, 2021, 1, 67-71.	0.2	3
34	Cutting Technique for Constructing Small Radial Line Slot Array Antennas. Journal of Electromagnetic Engineering and Science, 2021, 21, 35-43.	1.8	3
35	A Small RLSA Antenna Utilizing the Specification of Back Fires 17 dBi LAN Antennas. Telkomnika (Telecommunication Computing Electronics and Control), 2018, 16, 2871.	0.8	3
36	Small Radial Line Slot Array (RLSA) Antennas for Wi-Fi 5.8 GHz Devices. International Journal on Communications Antenna and Propagation, 2017, 7, 397.	0.3	3

#	ARTICLE	IF	CITATIONS
37	An Ultra-Miniaturized MCPM Antenna for Ultra-Wideband Applications. Journal of Nano- and Electronic Physics, 2021, 13, 05012-1-05012-4.	0.5	3
38	Wireless mesh networks: Cross layer design challenge!! , 2007, , .		2
39	Wide band open ended air gap RLSA antenna at 5.8GHz frequency band. , 2012, , .		2
40	Miniaturized proximity coupled antenna with slot ring as defected ground structure. , 2014, , .		2
41	Aperture slot size effect to wide band open air gap radial line slot array performance. Microwave and Optical Technology Letters, 2014, 56, 2974-2978.	1.4	2
42	A novel wide band open ended air gap radial line slot array antenna at 5.8-GHz frequency band. Microwave and Optical Technology Letters, 2014, 56, 938-944.	1.4	2
43	Hybrid triplexer design using microstrip coupled line resonators for multiband WiMAX front end. , 2017, , .		2
44	Load distributed routing protocol for wireless mesh networks. , 2016, , .		2
45	Single stage RF amplifier at 5.8GHz ISM band with IEEE 802.11a standard. , 2007, , .		1
46	Ultra-wideband SPDT and SP8T Switches using Silicon-Glass PIN Diodes for Microwave Medical Imaging. , 2019, , .		1
47	Performance analysis of Ultra-wideband RF switch using discrete PIN diode in SC-79 package for medical application of microwave imaging. International Journal of Electrical and Computer Engineering, 2019, 9, 4668.	0.7	1
48	A New Size Reduction Method for Radial Line Slot Array (RLSA) Antennas. International Journal on Communications Antenna and Propagation, 2020, 10, 212.	0.3	1
49	Compact Crescent Slot MIMO Antenna with Quad Bands and High Isolation for LTE and 5G communications. Przegląd Elektrotechniczny, 2020, 1, 21-27.	0.2	1
50	Side lobe reduction in array antenna by using novel design of EBG. International Journal of Electrical and Computer Engineering, 2020, 10, 308.	0.7	1
51	Design Aspects of WINDS Ground Facility for Malaysia. , 2007, , .		0
52	Simulation of cascading LNA and RF amplifier for front-end direct-conversion receiver at 5.8 GHz. , 2007, , .		0
53	Preliminary study on GPRS throughput at Northern Region of Malaysia BSC network. , 2007, , .		0
54	Dual polarization inset-fed microstrip patch antenna. , 2008, , .		0

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55	A study on aperture slot size effect to wide band open air gap RLSA performance. , 2013, , .		0
56	Compact MIMO Slots Antenna Design with Different Bands and High Isolation for 5G Smartphone Applications. Baghdad Science Journal, 2019, 16, 1093.	0.6	0
57	Compact V-shaped MIMO Antenna for LTE and 5G Communications. Przegląd Elektrotechniczny, 2020, 1, 45-48.	0.2	0
58	Compact V-Shaped MIMO Antenna for LTE and 5G Applications. Przegląd Elektrotechniczny, 2020, 1, 86-91.	0.2	0