

Imran Bin Mohd Ibrahim

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5830383/publications.pdf>

Version: 2024-02-01

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 | 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 |
| 2 | Broadband Circular Polarised Printed Antennas for Indoor Wireless Communication Systems: A Comprehensive Review. <i>Micromachines</i> , 2022, 13, 1048. | 2.9 | 17 |
| 3 | A compact UWB FSS single layer with stopband properties for shielding applications. <i>Przegląd Elektrotechniczny</i> , 2021, 1, 167-170. | 0.2 | 4 |
| 4 | Return Loss Improvement of Radial Line Slot Array Antennas on Closed Ring Resonator Structure at 28 GHz. <i>Przegląd Elektrotechniczny</i> , 2021, 1, 67-71. | 0.2 | 3 |
| 5 | A miniaturised UWB FSS with Stop-band Characteristics for EM Shielding Applications. <i>Przegląd Elektrotechniczny</i> , 2021, 1, 144-147. | 0.2 | 9 |
| 6 | Cutting Technique for Constructing Small Radial Line Slot Array Antennas. <i>Journal of Electromagnetic Engineering and Science</i> , 2021, 21, 35-43. | 1.8 | 3 |
| 7 | Review Isolation Techniques of the MIMO Antennas for Sub-6. <i>Przegląd Elektrotechniczny</i> , 2021, 1, 3-9. | 0.2 | 5 |
| 8 | An Ultra-Miniaturized MCPM Antenna for Ultra-Wideband Applications. <i>Journal of Nano- and Electronic Physics</i> , 2021, 13, 05012-1-05012-4. | 0.5 | 3 |
| 9 | Enhancing Gain for UWB Antennas Using FSS: A Systematic Review. <i>Mathematics</i> , 2021, 9, 3301. | 2.2 | 35 |
| 10 | Enhanced performance of compact 2D antenna array with electromagnetic bandgap. <i>Microwave and Optical Technology Letters</i> , 2020, 62, 875-886. | 1.4 | 5 |
| 11 | 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 |
| 12 | Gain Enhancement for Whole Ultra-Wideband Frequencies of a Microstrip Patch Antenna. <i>Journal of Computational and Theoretical Nanoscience</i> , 2020, 17, 1469-1473. | 0.4 | 4 |
| 13 | A New Size Reduction Method for Radial Line Slot Array (RLSA) Antennas. <i>International Journal on Communications Antenna and Propagation</i> , 2020, 10, 212. | 0.3 | 1 |
| 14 | Compact Crescent Slot MIMO Antenna with Quad Bands and High Isolation for LTE and 5G communications. <i>Przegląd Elektrotechniczny</i> , 2020, 1, 21-27. | 0.2 | 1 |
| 15 | Side lobe reduction in array antenna by using novel design of EBG. <i>International Journal of Electrical and Computer Engineering</i> , 2020, 10, 308. | 0.7 | 1 |
| 16 | Compact V-shaped MIMO Antenna for LTE and 5G Communications. <i>Przegląd Elektrotechniczny</i> , 2020, 1, 45-48. | 0.2 | 0 |
| 17 | Compact V-Shaped MIMO Antenna for LTE and 5G Applications. <i>Przegląd Elektrotechniczny</i> , 2020, 1, 86-91. | 0.2 | 0 |
| 18 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Ultra-wideband SPDT and SP8T Switches using Silicon-Glass PIN Diodes for Microwave Medical Imaging. , 2019, , . | | 1 |
| 20 | Radiation pattern control of microstrip antenna in elevation and azimuth planes using EBG and pin diode.. International Journal of Electrical and Computer Engineering, 2019, 9, 332. | 0.7 | 9 |
| 21 | Compact MIMO Antenna with High Isolation for 5G Smartphone Applications. Journal of Engineering Science and Technology Review, 2019, 12, 121-125. | 0.4 | 4 |
| 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 | 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 |
| 24 | Compact MIMO Slots Antenna Design with Different Bands and High Isolation for 5G Smartphone Applications. Baghdad Science Journal, 2019, 16, 1093. | 0.6 | 0 |
| 25 | 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 |
| 26 | 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 |
| 27 | Hybrid triplexer design using microstrip coupled line resonators for multiband WiMAX front end. , 2017, , . | | 2 |
| 28 | High gain antenna design and doubler rectifier for microwave power transfer. , 2017, , . | | 4 |
| 29 | Efficient feeding geometries for rectenna design at 2.45ÅGHz. Electronics Letters, 2017, 53, 1585-1587. | 1.0 | 13 |
| 30 | A NOVEL RECONFIGURABLE UWB FILTERING-ANTENNA WITH DUAL SHARP BAND NOTCHES USING DOUBLE SPLIT RING RESONATORS. Progress in Electromagnetics Research C, 2017, 79, 185-198. | 0.9 | 18 |
| 31 | 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 |
| 32 | Load distributed routing protocol for wireless mesh networks. , 2016, , . | | 2 |
| 33 | Preparation of rubber wood sawdust-based activated carbon and its use as a filler of polyurethane matrix composites for microwave absorption. New Carbon Materials, 2015, 30, 167-175. | 6.1 | 41 |
| 34 | Miniaturized proximity coupled antenna with slot ring as defected ground structure. , 2014, , . | | 2 |
| 35 | Aperture slot size effect to wide band open air gap radialâ€line slot array performance. Microwave and Optical Technology Letters, 2014, 56, 2974-2978. | 1.4 | 2 |
| 36 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|--|----|-----------|
| 37 | A study on aperture slot size effect to wide band open air gap RLSA performance. , 2013, , . | | 0 |
| 38 | Performance comparison of AODV and HWMP routing protocols in wireless mesh networks. , 2013, , . | | 4 |
| 39 | Wide band open ended air gap RLSA antenna at 5.8GHz frequency band. , 2012, , . | | 2 |
| 40 | A study on effectiveness of FR4 as a dielectric material for radial line slot array antenna for wireless backhaul application. , 2011, , . | | 8 |
| 41 | Third order intermodulation distortion effect on the constellation error in RF transmitter of IEEE 802.11a WLAN system. , 2011, , . | | 3 |
| 42 | Microwave absorbing material using rubber wood sawdust. , 2011, , . | | 4 |
| 43 | The effect of the carbon to the S<inf>11</inf> measurement on the pyramidal microwave absorbers. , 2011, , . | | 4 |
| 44 | The performance comparison of printed dipole antenna with two different structures of AMC ground plane. , 2011, , . | | 8 |
| 45 | A triple-band dipole antenna with 0.92 GHz AMC-HIS. , 2010, , . | | 3 |
| 46 | A meandered triple-band printed dipole antenna for RFID. , 2009, , . | | 12 |
| 47 | Design of portable mini anechoic chamber using low cost composite absorber. , 2009, , . | | 3 |
| 48 | Dual polarization inset-fed microstrip patch antenna. , 2008, , . | | 0 |
| 49 | An optimization of Beam Squinted Radial Line Slot Array Antenna design at 5.8 GHz. , 2008, , . | | 15 |
| 50 | Design Aspects of WINDS Ground Facility for Malaysia. , 2007, , . | | 0 |
| 51 | Preliminary development of mini anechoic chamber. , 2007, , . | | 11 |
| 52 | Beam squinted Radial Line Slot Array antenna (RLSA) design for point-to-point WLAN application. , 2007, , . | | 13 |
| 53 | Single stage RF amplifier at 5.8GHz ISM band with IEEE 802.11a standard. , 2007, , . | | 1 |
| 54 | 5.75 GHz microstrip bandpass filter for ISM band. , 2007, , . | | 8 |

| # | ARTICLE | IF | CITATIONS |
|----|---|----|-----------|
| 55 | Wireless mesh networks: Cross layer design challenge!! , 2007, , . | | 2 |
| 56 | Simulation of cascading LNA and RF amplifier for front-end direct-conversion receiver at 5.8 GHz. , 2007, , . | | 0 |
| 57 | Development of an economic and effective microwave absorber. , 2007, , . | | 14 |
| 58 | Preliminary study on GPRS throughput at Northern Region of Malaysia BSC network. , 2007, , . | | 0 |