Sadiq Ullah

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4932787/publications.pdf

Version: 2024-02-01

61 papers	1,144 citations	331259 21 h-index	454577 30 g-index
61 all docs	61 docs citations	61 times ranked	756 citing authors

#	Article	IF	Citations
1	Broad-band and broad-angle linear and circular polarization converting metasurface. Journal of Electromagnetic Waves and Applications, 2022, 36, 1102-1112.	1.0	8
2	A compact two elements MIMO antenna for 5G communication. Scientific Reports, 2022, 12, 3608.	1.6	34
3	Design of a Millimeter-Wave MIMO Antenna Array for 5G Communication Terminals. Sensors, 2022, 22, 2768.	2.1	32
4	Highly Compact GCPW-Fed Multi-Branch Structure Multi-Band Antenna for Wireless Applications. International Journal of Antennas and Propagation, 2022, 2022, 1-9.	0.7	1
5	Performance Analysis of Wearable Dual-Band Patch Antenna Based on EBG and SRR Surfaces. Sensors, 2022, 22, 5208.	2.1	8
6	Frequency Reconfigurable Antenna for Portable Wireless Applications. Computers, Materials and Continua, 2021, 68, 3015-3027.	1.5	13
7	High-Gain Vivaldi Antenna with Wide Bandwidth Characteristics for 5G Mobile and Ku-Band Radar Applications. Electronics (Switzerland), 2021, 10, 667.	1.8	17
8	Design and Experimental Analysis of Multiband Compound Reconfigurable 5G Antenna for Sub-6â€‰GHz Wireless Applications. Wireless Communications and Mobile Computing, 2021, 2021, 1-14.	0.8	20
9	Ultrathin and high efficient wideband polarization converting metasurface. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22673.	0.8	4
10	High efficiency and ultra-wideband polarization converter based on an L-shaped metasurface. Optical Materials Express, 2021, 11, 1343.	1.6	36
11	Design and Experimental Analysis of Dual-Band Polarization Converting Metasurface. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1409-1413.	2.4	38
12	Design and Analysis of a Photonic Crystal Based Planar Antenna for THz Applications. Electronics (Switzerland), 2021, 10, 1941.	1.8	23
13	A novel multi-band and multi-generation (2G, 3G,4G, and 5G) 9-elements MIMO antenna system for 5G smartphone applications. Wireless Networks, 2021, 27, 4825-4837.	2.0	11
14	Maple-Leaf Shaped Broadband Optical Nano-Antenna with Hybrid Plasmonic Feed for Nano-Photonic Applications. Applied Sciences (Switzerland), 2021, 11, 8893.	1.3	5
15	Design and Experimental Analysis of Multiband Frequency Reconfigurable Antenna for 5G and Sub-6 GHz Wireless Communication. Micromachines, 2021, 12, 32.	1.4	26
16	A Pentaband Compound Reconfigurable Antenna for 5G and Multi-Standard Sub-6GHz Wireless Applications. Electronics (Switzerland), 2021, 10, 2526.	1.8	10
17	MIMO Antenna System With Pattern Diversity for Sub-6 GHz Mobile Phone Applications. IEEE Access, 2021, 9, 149240-149249.	2.6	12
18	A Sub-6 GHz MIMO Antenna Array for 5G Wireless Terminals. Electronics (Switzerland), 2021, 10, 3062.	1.8	23

#	Article	IF	Citations
19	A Miniaturized Dual-Band Implantable Antenna System for Medical Applications. IEEE Transactions on Antennas and Propagation, 2020, 68, 1161-1165.	3.1	58
20	Design and experimental analysis of dual-band polarization converting metasurface for microwave applications. Scientific Reports, 2020, 10, 15393.	1.6	27
21	Wide Band Cross Polarization Converting Metasurface Based on Circular Split Rings Resonators. , 2020, , .		6
22	A 10-Ports MIMO Antenna System for 5G Smart-Phone Applications. IEEE Access, 2020, 8, 218477-218488.	2.6	24
23	Hexagonal shaped CPW Feed based Frequency Reconfigurable Antenna for WLAN and Sub-6 GHz 5G applications. , 2020, , .		23
24	Pattern Reconfigurable Two Element Printed Patch Antenna for THz Wireless Applications. , 2020, , .		2
25	Circular Monopole Ultra-Wideband (UWB) Antenna with Reconfigurable Band-Notched Characteristics. , 2020, , .		5
26	Low-Profile and Closely Spaced Four-Element MIMO Antenna for Wireless Body Area Networks. Electronics (Switzerland), 2020, 9, 258.	1.8	38
27	Design and Analysis of a Compact Dual-Band Patch Antenna for 5G mmW Application. , 2020, , .		2
28	An hp-shape hexa-band antenna for multi-standard wireless communication systems. Wireless Networks, 2019, 25, 1361-1369.	2.0	13
29	Experimental Investigation of a Planar Antenna with Band Rejection Features for Ultra-Wide Band (UWB) Wireless Networks. International Journal of Antennas and Propagation, 2019, 2019, 1-11.	0.7	9
30	Design and comparative analysis of conventional and metamaterialâ€based textile antennas for wearable applications. International Journal of Numerical Modelling: Electronic Networks, Devices and Fields, 2019, 32, e2567.	1.2	30
31	An Extended Split Ring Resonator Type Metasurface for Microwave Applications. , 2019, , .		2
32	A Hexa Band Antenna Having Frequency Reconfigurable Feature for Portable Devices Communication. , 2019, , .		1
33	A Four-Port Multiple Input Multiple Output (MIMO) Antenna for Future 5G Smartphone Applications. , 2019, , .		14
34	Design and analysis of a hexa-band frequency reconfigurable antenna for wireless communication. AEU - International Journal of Electronics and Communications, 2019, 98, 80-88.	1.7	79
35	Design and Analysis of a Hexa-Band Frequency Reconfigurable Monopole Antenna. IETE Journal of Research, 2018, 64, 59-66.	1.8	11
36	Economic Loss Minimization of a Distribution Feeder and Selection of Optimum Conductor for Voltage Profile Improvement. , 2018, , .		4

#	Article	IF	Citations
37	A dualâ€band implantable antenna with wideâ€band characteristics at MICS and ISM bands. Microwave and Optical Technology Letters, 2018, 60, 2944-2949.	0.9	32
38	A multi-band switchable antenna for Wi-Fi, 3G Advanced, WiMAX, and WLAN wireless applications. International Journal of Microwave and Wireless Technologies, 2018, 10, 991-997.	1.5	37
39	Cyber Physical System for Stroke Detection. IEEE Access, 2018, 6, 37444-37453.	2.6	16
40	Design and Measurement of Planar Monopole Antennas for Multi-Band Wireless Applications. IETE Journal of Research, 2017, 63, 194-204.	1.8	34
41	Design and analysis of a novel tri-band flower-shaped planar antenna for GPS and WiMAX applications. Journal of Electromagnetic Waves and Applications, 2017, 31, 927-940.	1.0	29
42	A novel FSS for gain enhancement of printed antennas in UWB frequency spectrum. Microwave and Optical Technology Letters, 2017, 59, 2698-2704.	0.9	48
43	Design, fabrication and measurement of triple band frequency reconfigurable antennas for portable wireless communications. AEU - International Journal of Electronics and Communications, 2017, 81, 236-242.	1.7	59
44	Design and SAR Analysis of Wearable Antenna on Various Parts of Human Body, Using Conventional and Artificial Ground Planes. Journal of Electrical Engineering and Technology, 2017, 12, 317-328.	1.2	62
45	Specific Absorption Rate Analysis of a WLAN antenna using Slotted I-type electromagnetic bandgap (EBG) structure. , 2016, , .		0
46	Patch antenna using EBG structure for ISM band wearable applications. , 2016, , .		8
47	Antenna design for advance wireless systems using metamaterial surfaces. , 2016, , .		2
48	A Compact, Tri-Band and 9-Shape Reconfigurable Antenna for WiFi, WiMAX and WLAN Applications. International Journal of Wireless and Microwave Technologies, 2016, 6, 45-53.	0.8	31
49	Performance analysis of supervised image classification techniques for the classification of multispectral satellite imagery. , 2015, , .		2
50	Performance analysis of a 2.4 GHz planar antenna using different types of wearable artificial ground planes. , 2015, , .		0
51	Design of a multi-band frequency reconfigurable planar monopole antenna using truncated ground plane for Wi-Fi, WLAN and WiMAX applications. , 2014, , .		35
52	Electro-textile based wearable patch antenna on biodegradable poly lactic acid (PLA) plastic substrate for 2.45 GHz, ISM band applications. , 2014, , .		14
53	Comparative study of rectangular microstrip patch antenna on various types of metamaterials surfaces. , 2014, , .		1
54	Design and Parametric Analysis of a Dual-Band Frequency Reconfigurable Planar Dipole Using a Dual-Band Artificial Ground Plane. IETE Journal of Research, 2014, 60, 3-11.	1.8	2

#	Article	IF	Citations
55	Design of Dual Band Wearable Antenna Using Metamaterials. Journal of Microwave Power and Electromagnetic Energy, 2013, 47, 126-137.	0.4	38
56	Polarisation-dependent electromagnetic bandgap incorporating a slanted sheet via. IET Microwaves, Antennas and Propagation, 2011, 5, 519.	0.7	13
57	Low resolution radiation pattern sampling for a thin dipole. , 2010, , .		2
58	Polarisation dependent EBG surface with an inclined sheet via. , 2009, , .		6
59	Patch antenna directivity analysis using an equi-area method. , 2008, , .		1
60	Design and Synthesis of Dielectric Resonator Antenna for 5G Wireless Networks, Device-to-Device and Satellite Communications Using Different Numerical Techniques. Wireless Personal Communications, 0, , 1.	1.8	1
61	Cross polarization conversion metasurface for fixed wireless and kuâ€band applications. International Journal of Communication Systems, 0, , e5033.	1.6	2