

Adnan Iftikhar

List of Publications by Year in descending order

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51
papers

589
citations

623734

14
h-index

713466

21
g-index

51
all docs

51
docs citations

51
times ranked

478
citing authors

#	ARTICLE	IF	CITATIONS
1	A Compact Flexible Frequency Reconfigurable Antenna for Heterogeneous Applications. IEEE Access, 2020, 8, 173298-173307.	4.2	56
2	A compact four elements UWB MIMO antenna with on-demand WLAN rejection. Microwave and Optical Technology Letters, 2016, 58, 270-276.	1.4	44
3	Dual notch band UWB antenna with improved notch characteristics. Microwave and Optical Technology Letters, 2018, 60, 925-930.	1.4	43
4	The Potentials, Challenges, and Future Directions of On-Chip-Antennas for Emerging Wireless Applications—A Comprehensive Survey. IEEE Access, 2019, 7, 173897-173934.	4.2	32
5	Pattern and frequency reconfiguration of patch antenna using PIN diodes. Microwave and Optical Technology Letters, 2017, 59, 2180-2185.	1.4	27
6	A WLAN band-notched compact four element UWB MIMO antenna. International Journal of RF and Microwave Computer-Aided Engineering, 2020, 30, e22282.	1.2	27
7	A Miniaturized and Polarization Insensitive FSS and CFSS for Dual Band WLAN Applications. AEU - International Journal of Electronics and Communications, 2019, 105, 124-134.	2.9	25
8	A Frequency-Reconfigurable Series-Fed Microstrip Patch Array With Interconnecting CRLH Transmission Lines. IEEE Antennas and Wireless Propagation Letters, 2016, 15, 242-245.	4.0	22
9	A compact dual polarized ultrawideband multiple-input- multiple-output antenna. Microwave and Optical Technology Letters, 2016, 58, 163-166.	1.4	21
10	A Conformal Frequency Reconfigurable Antenna with Multiband and Wideband Characteristics. Sensors, 2022, 22, 2601.	3.8	21
11	A four element, planar, compact <scp>UWB MIMO</scp> antenna with <scp>WLAN</scp> band rejection capabilities. Microwave and Optical Technology Letters, 2020, 62, 3124-3131.	1.4	20
12	C-Band and X-Band Switchable Frequency-Selective Surface. Electronics (Switzerland), 2021, 10, 476.	3.1	19
13	Minimization of Cogging Torque in Axial Field Flux Switching Machine Using Arc Shaped Triangular Magnets. IEEE Access, 2020, 8, 227193-227201.	4.2	18
14	An E-shaped microstrip patch antenna for reconfigurable dual-band operation. Microwave and Optical Technology Letters, 2016, 58, 1485-1490.	1.4	17
15	Ultra-Compact Reconfigurable Band Reject UWB MIMO Antenna with Four Radiators. Electronics (Switzerland), 2020, 9, 584.	3.1	16
16	A 4 element compact Ultra-Wideband MIMO antenna array. , 2015, , .		15
17	On the Bandwidth of a Microparticle-Based Component Responsive to Magnetostatic Fields. IEEE Transactions on Electromagnetic Compatibility, 2017, 59, 1053-1059.	2.2	11
18	A pattern reconfigurable printed patch antenna. , 2016, , .		10

#	ARTICLE	IF	CITATIONS
19	Planar SIW Leaky Wave Antenna With Electronically Reconfigurable E- and H-Plane Scanning. IEEE Access, 2019, 7, 171206-171213.	4.2	10
20	A novel omega shaped microwave absorber with wideband negative refractive index for C-band applications. Optik, 2021, 242, 167278.	2.9	10
21	Ultraminiaturised Polarisation Selective Surface (PSS) for dual-band Wi-Fi and WLAN shielding applications. IET Microwaves, Antennas and Propagation, 2020, 14, 1514-1521.	1.4	10
22	A Novel Meander Line Metamaterial Absorber Operating at 24 GHz and 28 GHz for the 5G Applications. Sensors, 2022, 22, 3764.	3.8	10
23	Characterization of Novel Structures Consisting of Micron-Sized Conductive Particles That Respond to Static Magnetic Field Lines for 4G/5G (Sub-6 GHz) Reconfigurable Antennas. Electronics (Switzerland), 2020, 9, 903.	3.1	9
24	Self-adapting conformal phased array antennas for complex changing surfaces. Microwave and Optical Technology Letters, 2017, 59, 393-399.	1.4	7
25	Performance-Issues-Mitigation-Techniques for On-Chip-Antennas – Recent Developments in RF, MM-Wave, and Thz Bands With Future Directions. IEEE Access, 2020, 8, 219577-219610.	4.2	7
26	Changing the Operation of Small Geometrically Complex EBG-Based Antennas With Micron-Sized Particles That Respond to Magneto-Static Fields. IEEE Access, 2020, 8, 78956-78964.	4.2	7
27	A Compact Monopole Patch Antenna for Future Sub 6 GHz 5G Wireless Applications. , 2020, , .		7
28	A compact multiband microstrip patch antenna with U-shaped parasitic elements. , 2015, , .		6
29	An electrically small CPW fed frequency reconfigurable antenna. , 2015, , .		6
30	Polarization insensitive pentabandstop frequency selective surface for closely placed bands. Microwave and Optical Technology Letters, 2021, 63, 271-278.	1.4	6
31	Effectiveness of a dielectric probe calibration using deionized, distilled and tap water. , 2017, , .		5
32	A cascaded reconfigurable RH/CRLH-zero-phase microstrip transmission line unit cell. , 2012, , .		4
33	Circularly polarized stacked patch antenna array with enhanced bandwidth for S-band applications. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21830.	1.2	4
34	Design of a 1–4 CPW Microstrip Antenna Array on PET substrate for Biomedical Applications. , 2019, , .		4
35	Computation of available RF power inside the body and path loss using in vivo experiments. IET Microwaves, Antennas and Propagation, 2019, 13, 122-126.	1.4	4
36	Circularly polarized 4–8 stacked patch antenna phased array with enhanced bandwidth for commercial drones. International Journal of RF and Microwave Computer-Aided Engineering, 2020, 30, e22081.	1.2	4

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37	A Compact UHF RFID Tag Antenna for Sub-soil Temperature Sensing in Precision Agriculture. , 2020, , .		4
38	A note on the fundamental maximum gain limit of the projection method for conformal phased array antennas. , 2012, , .		3
39	A dual band balanced planar inverted F antenna (PIFA) for mobile applications. , 2013, , .		3
40	On controlling the propagation characteristics of microstrip transmission lines using embedded micron-sized particles and static h-fields. , 2017, , .		3
41	Radiation performance and Specific Absorption Rate (SAR) analysis of a compact dual band balanced antenna. , 2015, , .		2
42	A properties comparison between copper and graphene-based UWB MIMO planar antennas. , 2016, , .		2
43	UWB Antenna Printing on Glass Substrate Through Cost-Effective Copper Foils. , 2019, , .		2
44	A Compact Metasurface Based Cross Polarization Converter for X Band Applications. , 2019, , .		2
45	A compact open complementary split ring resonator inspired triband reconfigurable coplanar waveguide fed antenna. Microwave and Optical Technology Letters, 2018, 60, 1454-1459.	1.4	1
46	On the computation and comparison of specific absorption rate (SAR) in a skin tissue using analytical and numerical methods. Microwave and Optical Technology Letters, 2018, 60, 2277-2284.	1.4	1
47	Coordinated throughput optimization for mobile sensor networks under heterogeneous fading conditions. Transactions on Emerging Telecommunications Technologies, 2022, 33, e4096.	3.9	1
48	Split Ring Resonator Based Metamaterial Absorber for Antenna Radar Cross Section Reduction Applications in Ku Band. , 2020, , .		1
49	An Experimental Procedure and Initial Results of RF Propagation in Human Subjects. , 2019, , .		0
50	A Polarization Insensitive Frequency Selective Surface for Triband GSM Shielding Applications. , 2020, , .		0
51	A Novel Feeding Technique for Dielectric Resonator Antennas (DRAs) for Broader Bandwidth. , 2020, , .		0