

UMair Rafique

List of Publications by Year in descending order

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41
papers

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citations

933447

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41
all docs

41
docs citations

41
times ranked

131
citing authors

#	ARTICLE	IF	CITATIONS
1	Dual-band microstrip patch antenna array for 5G mobile communications. , 2017, , .		38
2	Novel MIMO Antenna System for Ultra Wideband Applications. Applied Sciences (Switzerland), 2022, 12, 3684.	2.5	20
3	Uni-Planar MIMO Antenna for Sub-6 GHz 5G Mobile Phone Applications. Applied Sciences (Switzerland), 2022, 12, 3746.	2.5	19
4	INSET-FED PLANAR ANTENNA ARRAY FOR DUAL-BAND 5G MIMO APPLICATIONS. Progress in Electromagnetics Research C, 2021, 112, 83-98.	0.9	17
5	Beveled-shaped super-wideband planar antenna. Turkish Journal of Electrical Engineering and Computer Sciences, 2018, 26, 2417-2425.	1.4	15
6	Double Overt-Leaf Shaped CPW-Fed Four Port UWB MIMO Antenna. Electronics (Switzerland), 2021, 10, 3140.	3.1	13
7	MIMO Antenna System With Pattern Diversity for Sub-6 GHz Mobile Phone Applications. IEEE Access, 2021, 9, 149240-149249.	4.2	12
8	Ultra-Wideband Antennas for Biomedical Imaging Applications: A Survey. Sensors, 2022, 22, 3230.	3.8	12
9	Log Periodic Dipole Antenna Design Using Particle Swarm Optimization. International Journal of Electromagnetics and Applications, 2012, 2, 65-68.	0.1	11
10	Ultra-Wideband Pentagonal Fractal Antenna with Stable Radiation Characteristics for Microwave Imaging Applications. Electronics (Switzerland), 2022, 11, 2061.	3.1	11
11	Triangular Slot-Loaded Wideband Planar Rectangular Antenna Array for Millimeter-Wave 5G Applications. Electronics (Switzerland), 2021, 10, 778.	3.1	10
12	Compact CPW-fed super wideband planar elliptical antenna. International Journal of Microwave and Wireless Technologies, 2021, 13, 407-414.	1.9	8
13	Bandstop Filter Design for GSM Shielding Using Frequency Selective Surfaces. International Journal of Electrical and Computer Engineering, 2012, 2, .	0.7	8
14	Ultra-Wideband Patch Antenna for K-Band Applications. TELKOMNIKA Indonesian Journal of Electrical Engineering, 2014, 12, .	0.1	8
15	High Performance Eight-Port Dual-Band MIMO Antenna System for 5G Devices. Micromachines, 2022, 13, 959.	2.9	8
16	Genetic Algorithm Optimization of Log-Periodic Dipole Array. International Journal of Electromagnetics and Applications, 2012, 2, 169-173.	0.1	7
17	Design of an Efficient High Power Microwave antenna. , 2016, , .		6
18	Assessment of intrinsic small signal parameters of submicron SiC MESFETs. Solid-State Electronics, 2018, 139, 80-87.	1.4	5

#	ARTICLE	IF	CITATIONS
19	A wideband slot-coupled inverted microstrip patch antenna for wireless communications. , 2012, , .		4
20	A Modified Super-Wideband Planar Elliptical Monopole Antenna. , 2018, , .		4
21	Novel patch antenna for multiband cellular, WiMAX, and WLAN applications. Turkish Journal of Electrical Engineering and Computer Sciences, 2017, 25, 2005-2014.	1.4	4
22	A Modified Frequency Selective Surface Band-stop Filter for Ultra-wideband Applications. , 2018, , .		3
23	Nose-Cone Conformal Substrate-Integrated Waveguide Slot Array Antenna for X-Band Radar Applications. International Journal of Antennas and Propagation, 2019, 2019, 1-11.	1.2	3
24	A Novel Dual-Band Frequency Selective Surface Absorber. International Journal of Electromagnetics and Applications, 2012, 2, 182-185.	0.1	3
25	A Comparative Study of Conformal Antenna Arrays for Aerodynamic Applications. , 2019, , .		2
26	Rhombus-Inscribed Circular Ring Fractal Array Antenna for Millimeter-Wave 5G Applications. International Journal of Antennas and Propagation, 2022, 2022, 1-10.	1.2	2
27	A Compact Planar Antenna for Super Wideband Applications. , 2019, , .		1
28	Optimum Placement of Conformal Antenna Array Based on Path Loss Profile. , 2020, , .		1
29	An improved space charge distribution analytical model to assess field-effect transistor's intrinsic capacitors. Turkish Journal of Electrical Engineering and Computer Sciences, 2019, 27, 4502-4517.	1.4	1
30	Breakdown in a high power microwave antenna. , 2016, , .		0
31	Design of slot antenna array for tracking radar using particle swarm optimization. , 2017, , .		0
32	X-band Conformal Antenna Array For Low Cost CubeSats. , 2018, , .		0
33	Nose Cone Conformal Antenna Array Design for X-Band Radar Applications. , 2018, , .		0
34	Design of X-band Cylindrical Conformal Substrate Integrated Waveguide Slot Antenna Array. , 2018, , .		0
35	Smooth Super Twisting Sliding Mode Control Based Stabilization for Nonholonomic Mechanical Systems: A Firetruck Example. , 2018, , .		0
36	Multiband Planar Antenna for Cellular and Wireless Applications. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
37	Modified Planar Rectangular Antenna Array for Wideband 5G MIMO Applications. , 2020, , .		0
38	Wideband E-Shaped Planar Antenna for Cellular, GPS, and Wireless Applications. Algorithms for Intelligent Systems, 2020, , 633-641.	0.6	0
39	SIW-based dual-beam conical conformal slot array antenna for X-band applications. Frequenz, 2022, .	0.9	0
40	Stub-loaded Dual-Band Planar Antenna for 28/38 GHz 5G Applications. , 2021, , .		0
41	Postcard Shaped Super Wideband Antenna with High BDR. , 2021, , .		0