Ayman M Elboushi

List of Publications by Year
in descending order

31 papers	387 citations	1307594 7 h-index	1058476 14 g-index
31 all docs	31 docs citations	31 times ranked	383 citing authors

#	Article	IF	Citations
1	Dense Dielectric Patch Array Antenna With Improved Radiation Characteristics Using EBG Ground Structure and Dielectric Superstrate for Future 5G Cellular Networks. IEEE Access, 2014, 2, 909-913.	4.2	137
2	Four-element dual-band printed slot antenna array for the future 5G mobile communication networks. , 2015, , .		38
3	High-Gain Hybrid Microstrip/Conical Horn Antenna for MMW Applications. IEEE Antennas and Wireless Propagation Letters, 2012, 11, 129-132.	4.0	36
4	STUDY OF ELLPITICAL SLOT UWB ANTENNAS WITH A 5.0--6.0 GHz BAND-NOTCH CAPABILITY. Progress in Electromagnetics Research C, 2010, 16, 207-222.	0.9	22
5	MMW Sensor for Hidden Targets Detection and Warning Based on Reflection/Scattering Approach. IEEE Transactions on Antennas and Propagation, 2014, 62, 4890-4894.	5.1	20
6	Miniaturized triple band-notched quasi-self complementary fractal antenna with improved characteristics for UWB applications. AEU - International Journal of Electronics and Communications, 2019, 108, 163-171.	2.9	16
7	New dense dielectric patch array antenna for future 5G short-range communications. , 2014, , .		15
8	Tri-band compact ACS-fed meander-line antenna for wireless communications. International Journal of Microwave and Wireless Technologies, 2017, 9, 1895-1903.	1.9	15
9	An Improved S-Band CubeSat Communication Subsystem Design and Implementation. IEEE Access, 2021, 9, 45123-45136.	4.2	12
10	Design of UWB antenna array for through-wall detection system. , 2013, , .		9
11	4-elements MMW array with EBG feeding network. , 2013, , .		8
12	Circularly-polarized SIW slot antenna for MMW applications. , 2013, , .		8
13	High gain hybrid DRA / horn antenna for MMW applications. , 2014, , .		7
14	57â€“64 GHz Imaging/Detection Sensorâ€”Part II: Experiments on Concealed Weapons and Threatening Materials Detection. IEEE Sensors Journal, 2020, 20, 10833-10840.	4.7	7
15	Design of half elliptical ring monopole antennas with elliptical slot in ground plane for future UWB applications. Microwave and Optical Technology Letters, 2012, 54, 181-187.	1.4	6
16	57-64 GHz Imaging/Detection Sensorâ€“Part I: System Setup and Experimental Evaluations. IEEE Sensors Journal, 2020, 20, 10824-10832.	4.7	6
17	High gain circularly polarized slotâ€coupled antenna for millimeter wave applications. Microwave and Optical Technology Letters, 2014, 56, 2522-2526.	1.4	5
18	B14. Active millimeter-wave imaging system for hidden weapons detection. , 2012, , .		4

#	Article	IF	Citations
19	Band rejection capabilities of UWB elliptical slot antenna with half circular and crescent Ring Shaped Radiators. , 2010, , .		3
20	High gain microstrip fed slot coupled hybrid antenna for MMW applications. , 2012, , .		3
21	Analysis and design of a metal-backed RFID tag antenna. , 2015, , .		2
22	Electromagnetic Soil Characterization for Undergrounded RFID System Implementation. Electronics (Switzerland), 2020, 9, 106.	3.1	2
23	High gain MMW hybrid antenna using SIW technology. , 2012, , .		1
24	Numerical and experimental investigations of defected ground triangularâ€shaped power divider for Câ€band applications. Microwave and Optical Technology Letters, 2012, 54, 1022-1028.	1.4	1
25	B3. Improving the Radiation Characterstics of Patch Antenna Arrays Using Two EBG Structures. , 2013, , .		1
26	High gain 4-element antenna array for millimeter-wave applications. , 2014, , .		1
27	MIMO-Software Defined Radio based GPR System for Land Mine Detection. , 2019, , .		1
28	Electromagnetic energy in buildings: analysis of the effect of roof shape and treated materials. Journal of Building Performance Simulation, 2021, 14, 536-553.	2.0	1
29	Analysis and design of UWB elliptical slot antennas. , 2010, , .		0
30	B8. High-Gain Slotted Oversize Patch Antennas with Electromagnetic Bandgap Structure. , 2013, , .		0
31	Cavity-backed monopole antenna for UAV communication applications. , 2017, , .		0