

# Ayman M Elboushi

## List of Publications by Year in descending order

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Version: 2024-02-01

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	An Improved S-Band CubeSat Communication Subsystem Design and Implementation. IEEE Access, 2021, 9, 45123-45136.	4.2	12
2	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
3	57-64 GHz Imaging/Detection Sensor Part II: Experiments on Concealed Weapons and Threatening Materials Detection. IEEE Sensors Journal, 2020, 20, 10833-10840.	4.7	7
4	57-64 GHz Imaging/Detection Sensor Part I: System Setup and Experimental Evaluations. IEEE Sensors Journal, 2020, 20, 10824-10832.	4.7	6
5	Electromagnetic Soil Characterization for Undergrounded RFID System Implementation. Electronics (Switzerland), 2020, 9, 106.	3.1	2
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	MIMO-Software Defined Radio based GPR System for Land Mine Detection. , 2019, , .		1
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	Cavity-backed monopole antenna for UAV communication applications. , 2017, , .		0
10	Four-element dual-band printed slot antenna array for the future 5G mobile communication networks. , 2015, , .		38
11	Analysis and design of a metal-backed RFID tag antenna. , 2015, , .		2
12	High gain 4-element antenna array for millimeter-wave applications. , 2014, , .		1
13	High gain circularly polarized slot-coupled antenna for millimeter wave applications. Microwave and Optical Technology Letters, 2014, 56, 2522-2526.	1.4	5
14	High gain hybrid DRA / horn antenna for MMW applications. , 2014, , .		7
15	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
16	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
17	New dense dielectric patch array antenna for future 5G short-range communications. , 2014, , .		15
18	4-elements MMW array with EBG feeding network. , 2013, , .		8

#	ARTICLE	IF	CITATIONS
19	Design of UWB antenna array for through-wall detection system. , 2013, , .		9
20	B8. High-Gain Slotted Oversize Patch Antennas with Electromagnetic Bandgap Structure. , 2013, , .		0
21	Circularly-polarized SIW slot antenna for MMW applications. , 2013, , .		8
22	B3. Improving the Radiation Characteristics of Patch Antenna Arrays Using Two EBG Structures. , 2013, , .		1
23	High gain microstrip fed slot coupled hybrid antenna for MMW applications. , 2012, , .		3
24	B14. Active millimeter-wave imaging system for hidden weapons detection. , 2012, , .		4
25	High gain MMW hybrid antenna using SIW technology. , 2012, , .		1
26	High-Gain Hybrid Microstrip/Conical Horn Antenna for MMW Applications. IEEE Antennas and Wireless Propagation Letters, 2012, 11, 129-132.	4.0	36
27	Numerical and experimental investigations of defected ground triangular-shaped power divider for C-band applications. Microwave and Optical Technology Letters, 2012, 54, 1022-1028.	1.4	1
28	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
29	STUDY OF ELLIPTICAL 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
30	Band rejection capabilities of UWB elliptical slot antenna with half circular and crescent Ring Shaped Radiators. , 2010, , .		3
31	Analysis and design of UWB elliptical slot antennas. , 2010, , .		0