

Mohammed Al-Husseini

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

143
citations

1684188

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all docs

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docs citations

24
times ranked

113
citing authors

#	ARTICLE	IF	CITATIONS
1	DESIGN OF SLOTTED WAVEGUIDE ANTENNAS WITH LOW SIDELOBES FOR HIGH POWER MICROWAVE APPLICATIONS. Progress in Electromagnetics Research C, 2015, 56, 15-28.	0.9	35
2	Bessel planar arrays. Radio Science, 2004, 39, n/a-n/a.	1.6	14
3	Design based on complementary split-ring resonators of an antenna with controllable band notches for UWB cognitive radio applications. , 2011, , .		11
4	A Modified Bowtie Antenna Design for Wi-Fi and WiMAX Applications. , 2008, , .		8
5	A Calibration-Free Method for the Dielectric Constant Calculation of Low-Loss Materials. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-10.	4.7	7
6	Generalized Chebyshev arrays. Radio Science, 2005, 40, n/a-n/a.	1.6	6
7	A narrowband frequency-tunable antenna for cognitive radio applications. , 2012, , .		6
8	Joint Security and Energy Efficiency in IoT Networks Through Clustering and Bit Flipping. , 2019, , .		6
9	3D Beamforming With Massive Cylindrical Arrays for Physical Layer Secure Data Transmission. IEEE Communications Letters, 2019, 23, 830-833.	4.1	6
10	Design procedure for planar slotted waveguide antenna arrays with controllable sidelobe level ratio for high power microwave applications. Engineering Reports, 2020, 2, e12255.	1.7	6
11	A high gain antenna with a single-layer metamaterial superstrate. , 2013, , .		5
12	Dielectric spectroscopy for planar materials using guided and unguided electromagnetic waves. , 2018, , .		5
13	A novel printed diversity antenna for WiMAX applications. , 2011, , .		4
14	A simple estimation and verification technique for electrical characterization of textiles. , 2012, , .		4
15	Modified Chebyshev planar arrays. Radio Science, 2002, 37, 15-1-15-9.	1.6	3
16	A directional polarization reconfigurable microstrip antenna. , 2011, , .		3
17	A tunable filter antenna for cognitive radio systems. , 2012, , .		3
18	Design procedure for 2D slotted waveguide antenna with controllable sidelobe level. , 2015, , .		3

#	ARTICLE	IF	CITATIONS
19	Machine Learning-Aided Design of Dielectric-Filled Slotted Waveguide Antennas With Specified Sidelobe Levels. IEEE Access, 2022, 10, 30583-30595.	4.2	3
20	Design method for independent control of beam width and sidelobe level for wideband smart antennas. Radio Science, 2006, 41, .	1.6	1
21	A circularly polarized decagonal slot antenna. , 2010, , .		1
22	A spreadsheet tool for antenna design. Computer Applications in Engineering Education, 2011, 19, 209-215.	3.4	1
23	A compact quad-band metamaterial-based antenna for wireless applications. , 2012, , .		1
24	A multi-band-reconfigurable antenna using split-ring resonators. , 2015, , .		1