Euclides L Chuma

List of Publications by Year
in descending order

13	332	1478505 6	1588992 8
papers	citations	h-index	g-index

13	13	13	398
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Microwave Sensor for Liquid Dielectric Characterization Based on Metamaterial Complementary Split Ring Resonator. IEEE Sensors Journal, 2018, 18, 9978-9983.	4.7	170
2	Compact rectenna based on a fractal geometry with a high conversion energy efficiency per area. IET Microwaves, Antennas and Propagation, 2018, 12, 173-178.	1.4	49
3	PCB-integrated non-destructive microwave sensor for liquid dielectric spectroscopy based on planar metamaterial resonator. Sensors and Actuators A: Physical, 2020, 312, 112112.	4.1	45
4	A Movement Detection System Using Continuous-Wave Doppler Radar Sensor and Convolutional Neural Network to Detect Cough and Other Gestures. IEEE Sensors Journal, 2021, 21, 2921-2928.	4.7	28
5	Measuring dielectric properties by two methods using softwareâ€defined radio. IET Science, Measurement and Technology, 2019, 13, 1003-1008.	1.6	13
6	Current sensor optimization based on simulated transfer function under partial discharge pulses. Sensors and Actuators A: Physical, 2021, 329, 112825.	4.1	7
7	Performance Analysis of X Band Horn Antennas using Additive Manufacturing Method Coated with Different Techniques. Journal of Microwaves, Optoelectronics and Electromagnetic Applications, 2019, 18, 263-269.	0.7	5
8	A compact fractal structure based rectenna with the rectifier circuit integrated. , 2017, , .		5
9	Compact antenna based on fractal for IoT sub-GHz wireless communications. , 2017, , .		4
10	Design of Stepped Impedance Microstrip LowPass Filter for Coexistence of TV Broadcasting and LTE Mobile System Close to 700 MHz. Set International Journal of Broadcast Engineering, 2018, 2018, 53-57.	0.2	4
11	Using Metamaterial Complementary Split-Ring Resonators for Measuring Dielectric Constants and Loss Tangents at 22 GHz. , 2018, , .		2
12	Practical, economical, and simple technique for teaching microstrip antenna design. International Journal of Electrical Engineering and Education, 0, , 002072091989590.	0.8	0
13	Design of Ultra-wideband Textile Antenna for TV Broadcasting. Set International Journal of Broadcast Engineering, 2019, 2019, 73-77.	0.2	0