

Euclides L Chuma

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

332
citations

1478505

6
h-index

1588992

8
g-index

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all docs

13
docs citations

13
times ranked

398
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Current sensor optimization based on simulated transfer function under partial discharge pulses. Sensors and Actuators A: Physical, 2021, 329, 112825.	4.1	7
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	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
5	Measuring dielectric properties by two methods using software-defined radio. IET Science, Measurement and Technology, 2019, 13, 1003-1008.	1.6	13
6	Design of Ultra-wideband Textile Antenna for TV Broadcasting. Set International Journal of Broadcast Engineering, 2019, 2019, 73-77.	0.2	0
7	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
8	Using Metamaterial Complementary Split-Ring Resonators for Measuring Dielectric Constants and Loss Tangents at 22 GHz. , 2018, , .		2
9	Microwave Sensor for Liquid Dielectric Characterization Based on Metamaterial Complementary Split Ring Resonator. IEEE Sensors Journal, 2018, 18, 9978-9983.	4.7	170
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	Compact antenna based on fractal for IoT sub-GHz wireless communications. , 2017, , .		4
12	A compact fractal structure based rectenna with the rectifier circuit integrated. , 2017, , .		5
13	Practical, economical, and simple technique for teaching microstrip antenna design. International Journal of Electrical Engineering and Education, 0, , 002072091989590.	0.8	0