

# Maurício Dias

## List of Publications by Year in descending order

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39  
papers

123  
citations

1478505

6  
h-index

1474206

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g-index

39  
all docs

39  
docs citations

39  
times ranked

139  
citing authors

#	ARTICLE	IF	CITATIONS
1	An analytical model for permittivity measurement of liquid dielectrics with a tubular sample holder. <i>Microwave and Optical Technology Letters</i> , 2021, 63, 393-398.	1.4	0
2	Constrained Least Mean Square Algorithm with Coefficient Reusing. <i>Circuits, Systems, and Signal Processing</i> , 2021, 40, 5705-5717.	2.0	1
3	On the Use of UTD-Based Models for RF Path Loss Prediction Due to Diffraction on a Forest-Covered Ridge. <i>Journal of Microwaves, Optoelectronics and Electromagnetic Applications</i> , 2021, 20, 359-371.	0.7	2
4	Positioning Analysis of HF Monopole Antennas on a Frigate. <i>Journal of Microwaves, Optoelectronics and Electromagnetic Applications</i> , 2021, 20, 643-657.	0.7	0
5	Constrained NLMS Algorithm with Variable Coefficient Reusing. , 2021, , .		0
6	Comments on "A Generic Approach for Permittivity Measurement of Dielectric Materials Using a Discontinuity in a Rectangular Waveguide". <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2019, 67, 3506-3506.	4.6	1
7	A 99.95% linearity readout circuit with 72dB dynamic range for active pixel sensors. <i>International Journal of Circuit Theory and Applications</i> , 2018, 46, 1580-1592.	2.0	7
8	Analysis of ITU's VHF/UHF propagation prediction methods performance on irregular terrains covered by forest. <i>IET Microwaves, Antennas and Propagation</i> , 2018, 12, 1450-1455.	1.4	6
9	A Case Study on the Bandwidth Broadening of a Skeletal Biconical Antenna. <i>IEEE Latin America Transactions</i> , 2018, 16, 2095-2101.	1.6	1
10	On the Design of Conical Antennas for Broadband Impedance Matching Performance. <i>International Journal of Antennas and Propagation</i> , 2017, 2017, 1-13.	1.2	2
11	An Evolutionary Method for Synthesizing Low-Sensitivity Lossless Matching Networks. <i>Circuits, Systems, and Signal Processing</i> , 2016, 35, 3811-3829.	2.0	0
12	Low cost electronic beam tilting of microstrip antennas by the use of tunable parasites. <i>Microwave and Optical Technology Letters</i> , 2015, 57, 2710-2713.	1.4	2
13	Dual-Band Compact Planar Antenna for a Low-Cost WLAN USB Dongle. <i>International Journal of Antennas and Propagation</i> , 2014, 2014, 1-10.	1.2	1
14	A compact IFA-based dual-band planar antenna for WiFi USB dongles. , 2014, , .		2
15	Radar cross section of simple objects in the presence of an infinite conducting plane. , 2013, , .		1
16	Analysis of the impedance changes of a HF/VHF monopole antenna in a Brazilian Atlantic rainforest urban site. , 2013, , .		0
17	Improving the localization accuracy of RSSI-based RTLS by using diversity antenna techniques. , 2013, , .		4
18	On the design of a dual-fed aperture-coupled circularly polarized microstrip patch antenna. , 2013, , .		1

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19	Evaluation of a novel tubular sample holder for dielectric measurements with Abdulnour's method. , 2013, , .		1
20	A Novel Broadband Modified Monopole by the Use of a Parasitic Conical Skirt. IEEE Antennas and Wireless Propagation Letters, 2012, 11, 1249-1252.	4.0	0
21	A field assessment of HF/VHF wire antenna impedance changes in rain forests. , 2012, , .		1
22	Practical design of a broadband modified monopole by the use of staircase parasitic rings. , 2011, , .		1
23	An Empirical Model for Propagation Loss Through Tropical Woodland in Urban Areas at UHF. IEEE Transactions on Antennas and Propagation, 2011, 59, 333-335.	5.1	9
24	VHF/UHF urban sites coverage planning with special care to mixed terrain transitions. IEEE Latin America Transactions, 2011, 9, 288-294.	1.6	2
25	Path Loss Measurements of HF/VHF Land Links in a Brazilian Atlantic Rainforest Urban Site. IEEE Antennas and Wireless Propagation Letters, 2011, 10, 1063-1067.	4.0	7
26	On the use of Tamir's model for site-specific path loss prediction of HF/VHF systems in forests. , 2011, , .		1
27	Complex Domain Wavelet-Based Denoising of Measured UHF Wireless Channel Power Delay Profiles. International Journal of Communications, Network and System Sciences, 2010, 03, 253-255.	0.6	0
28	Proficiency testing of electromagnetic compatibility (EMC) labs in Brazil by measurement comparisons. Measurement Science and Technology, 2009, 20, 115107.	2.6	6
29	RF jamming coverage prediction at mixed-path urban scenarios. , 2009, , .		2
30	Design and Calibration of Electric Field Probe to the Frequency Range of 2 to 3 GHz. IEEE Latin America Transactions, 2008, 6, 557-564.	1.6	2
31	A dual band steerable cell phones jammer. , 2007, , .		3
32	Improving 900 MHz outdoor measured wideband power delay profiles with wavelet denoising. , 2007, , .		1
33	Density functional theory molecular simulation of thiophene adsorption on MoS2 including microwave effects. Computational and Theoretical Chemistry, 2007, 822, 80-88.	1.5	32
34	On the Use of Wavelet-Based Denoising to Improve Power Delay Profile Estimates from 1.8 GHz Indoor Wideband Measurements. Wireless Personal Communications, 2005, 32, 153-175.	2.7	10
35	Indoor 1.8 GHz AOA-TDOA measurements extending the use of a wideband propagation channel sounder with the synthetic aperture concept. , 2005, , .		3
36	Selective RF power density measurements radiated by mobile telephony RBS in Rio de Janeiro city. , 2005, , .		1

#	ARTICLE	IF	CITATIONS
37	Indoor TDOA-AOA measurements at the 3G systems frequency band - A Simple Approach. Journal of Communication and Information Systems, 2005, 20, 112-124.	0.3	0
38	Mobile indoor wide-band 1.8 GHz sounding: measurement-based time dispersion analysis. , 0, , .		7
39	On the performance of constrained adaptive algorithms for combined beamforming and AOA tracking of a moving target. , 0, , .		3