

# João M Felício

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

268  
citations

1307594

7  
h-index

1474206

9  
g-index

29  
all docs

29  
docs citations

29  
times ranked

205  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental Evaluation of an Axillary Microwave Imaging System to Aid Breast Cancer Staging. IEEE Journal of Electromagnetics, RF and Microwaves in Medicine and Biology, 2022, 6, 68-76.	3.4	12
2	Systematic Analysis of Microwave Breast Imaging Detection of Different-Sized Malignant and Benign Tumors. , 2022, , .		3
3	Target Selection in Multistatic Microwave Breast Imaging Setup Using Dielectric Lens. , 2022, , .		0
4	Effect of Varying Prior Information in Axillary 2D Microwave Tomography. , 2022, , .		2
5	Preliminary Characterization of Microwave Backscattering of Floating Plastic. , 2021, , .		4
6	Comparison of Slot-based and Vivaldi Antennas for Breast Tumor Detection using Machine Learning and Microwave Imaging Algorithms. , 2021, , .		4
7	Numerical Assessment of Microwave Imaging for Axillary Lymph Nodes Screening Using Anthropomorphic Phantom. , 2021, , .		4
8	Optimisation of Artefact Removal Algorithm for Microwave Imaging of the Axillary Region Using Experimental Prototype Signals. , 2021, , .		2
9	Transmit-array antenna with aberration-free wide-angle scanning using mechanical in-plane movements. , 2021, , .		0
10	Evaluation of Refraction Effects in Dry Medical Microwave Imaging Setups. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 617-621.	4.0	3
11	Development of MRI-based axillary numerical models and estimation of axillary lymph node dielectric properties for microwave imaging. Medical Physics, 2021, 48, 5974-5990.	3.0	7
12	Study of Freezing and Defrosting Effects on Complex Permittivity of Biological Tissues. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 2210-2214.	4.0	4
13	A Compact and Flexible Dual-Band Antenna for Near-Body Applications. , 2021, , .		0
14	Microwave Breast Imaging Using a Dry Setup. IEEE Transactions on Computational Imaging, 2020, 6, 167-180.	4.4	34
15	Development of a Transmission-Based Open-Ended Coaxial-Probe Suitable for Axillary Lymph Node Dielectric Measurements. , 2020, , .		3
16	Extracting Dielectric Properties for MRI-based Phantoms for Axillary Microwave Imaging Device. , 2020, , .		5
17	Study of the Refraction Effects in Microwave Breast Imaging Using a Dry Setup. , 2020, 2020, 1787-1790.		2
18	Development of an Anthropomorphic Phantom of the Axillary Region for Microwave Imaging Assessment. Sensors, 2020, 20, 4968.	3.8	11

#	ARTICLE	IF	CITATIONS
19	Antenna Phase Center and Angular Dispersion Estimation Using Planar Acquisition Setup Applied to Microwave Breast Imaging. , 2020, , .		1
20	Wrist-Worn RFID Antenna Printed on Additive Manufactured Flexible Substrate. , 2019, , .		1
21	Antenna Design and Near-Field Characterization for Medical Microwave Imaging Applications. IEEE Transactions on Antennas and Propagation, 2019, 67, 4811-4824.	5.1	45
22	Feasibility study of focal lens for multistatic microwave breast imaging. , 2019, , .		3
23	Dual-Band Skin-Adhesive Repeater Antenna for Continuous Body Signals Monitoring. IEEE Journal of Electromagnetics, RF and Microwaves in Medicine and Biology, 2018, 2, 25-32.	3.4	31
24	Link budget study and realization of time-domain measurement setup for implantable antennas. , 2017, , .		0
25	Miniaturized implantable patch antenna for near-field communication at ISM band. , 2017, , .		2
26	Complex permittivity and anisotropy measurement of 3D-printed PLA at microwaves and millimeter-waves. , 2016, , .		53
27	Low-profile wideband stick-on antenna for body-area communication. , 2016, , .		0
28	Comparing liquid homogeneous and multilayer phantoms for human body implantable antennas. , 2016, , .		6
29	Wideband Implantable Antenna for Body-Area High Data Rate Impulse Radio Communication. IEEE Transactions on Antennas and Propagation, 2016, 64, 1932-1940.	5.1	26