

João M Felício

List of Publications by Year in descending order

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29
papers

268
citations

1307594

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1474206

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all docs

29
docs citations

29
times ranked

205
citing authors

#	ARTICLE	IF	CITATIONS
1	Complex permittivity and anisotropy measurement of 3D-printed PLA at microwaves and millimeter-waves. , 2016, , .		53
2	Antenna Design and Near-Field Characterization for Medical Microwave Imaging Applications. IEEE Transactions on Antennas and Propagation, 2019, 67, 4811-4824.	5.1	45
3	Microwave Breast Imaging Using a Dry Setup. IEEE Transactions on Computational Imaging, 2020, 6, 167-180.	4.4	34
4	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
5	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
6	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
7	Development of an Anthropomorphic Phantom of the Axillary Region for Microwave Imaging Assessment. Sensors, 2020, 20, 4968.	3.8	11
8	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
9	Comparing liquid homogeneous and multilayer phantoms for human body implantable antennas. , 2016, , .		6
10	Extracting Dielectric Properties for MRI-based Phantoms for Axillary Microwave Imaging Device. , 2020, , .		5
11	Preliminary Characterization of Microwave Backscattering of Floating Plastic. , 2021, , .		4
12	Comparison of Slot-based and Vivaldi Antennas for Breast Tumor Detection using Machine Learning and Microwave Imaging Algorithms. , 2021, , .		4
13	Numerical Assessment of Microwave Imaging for Axillary Lymph Nodes Screening Using Anthropomorphic Phantom. , 2021, , .		4
14	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
15	Feasibility study of focal lens for multistatic microwave breast imaging. , 2019, , .		3
16	Development of a Transmission-Based Open-Ended Coaxial-Probe Suitable for Axillary Lymph Node Dielectric Measurements. , 2020, , .		3
17	Evaluation of Refraction Effects in Dry Medical Microwave Imaging Setups. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 617-621.	4.0	3
18	Systematic Analysis of Microwave Breast Imaging Detection of Different-Sized Malignant and Benign Tumors. , 2022, , .		3

#	ARTICLE	IF	CITATIONS
19	Miniaturized implantable patch antenna for near-field communication at ISM band. , 2017, , .		2
20	Study of the Refraction Effects in Microwave Breast Imaging Using a Dry Setup. , 2020, 2020, 1787-1790.		2
21	Optimisation of Artefact Removal Algorithm for Microwave Imaging of the Axillary Region Using Experimental Prototype Signals. , 2021, , .		2
22	Effect of Varying Prior Information in Axillary 2D Microwave Tomography. , 2022, , .		2
23	Wrist-Worn RFID Antenna Printed on Additive Manufactured Flexible Substrate. , 2019, , .		1
24	Antenna Phase Center and Angular Dispersion Estimation Using Planar Acquisition Setup Applied to Microwave Breast Imaging. , 2020, , .		1
25	Low-profile wideband stick-on antenna for body-area communication. , 2016, , .		0
26	Link budget study and realization of time-domain measurement setup for implantable antennas. , 2017, , .		0
27	Transmit-array antenna with aberration-free wide-angle scanning using mechanical in-plane movements. , 2021, , .		0
28	A Compact and Flexible Dual-Band Antenna for Near-Body Applications. , 2021, , .		0
29	Target Selection in Multistatic Microwave Breast Imaging Setup Using Dielectric Lens. , 2022, , .		0