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List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	USING NANOPARTICLES FOR ENHANCING THE FOCUSING HEATING EFFECT OF AN EXTERNAL WAVEGUIDE APPLICATOR FOR ONCOLOGY HYPERTHERMIA: EVALUATION IN MUSCLE AND TUMOR PHANTOMS. Progress in Electromagnetics Research, 2011, 121, 343-363.	4.4	19
2	Double Slot Antenna for Microwave Thermal Ablation to Treat Bone Tumors: Modeling and Experimental Evaluation. Electronics (Switzerland), 2021, 10, 761.	3.1	15
3	FEM MODELING FOR PERFORMANCE EVALUATION OF AN ELECTROMAGNETIC ONCOLOGY DEEP HYPERTHERMIA APPLICATOR WHEN USING MONOPOLE, INVERTED T, AND PLATE ANTENNAS. Progress in Electromagnetics Research, 2011, 120, 99-125.	4.4	14
4	Feasibility of Using a Novel 2.45GHz Double Short Distance Slot Coaxial Antenna for Minimally Invasive Cancer Breast Microwave Ablation Therapy: Computational Model, Phantom, and In Vivo Swine Experimentation. Journal of Healthcare Engineering, 2018, 2018, 1-10.	1.9	13
5	Heat Transfer Study in Breast Tumor Phantom during Microwave Ablation: Modeling and Experimental Results for Three Different Antennas. Electronics (Switzerland), 2020, 9, 535.	3.1	13
6	Impact of silicone and metal port-a-cath implants on superficial hyperthermia treatment quality. International Journal of Hyperthermia, 2015, 31, 15-22.	2.5	11
7	Thermal Evaluation of a Micro-Coaxial Antenna Set to Treat Bone Tumors: Design, Parametric FEM Modeling and Evaluation in Multilayer Phantom and Ex Vivo Porcine Tissue. Electronics (Switzerland), 2021, 10, 2289.	3.1	8
8	Sugar Concentration Measurement System Using Radiofrequency Sensor. Sensors, 2019, 19, 2354.	3.8	5
9	A Computational Evaluation of the temperature distribution generated by thermal splints designed to treat knee pain. Journal of Thermal Biology, 2021, 97, 102868.	2.5	1
10	Detection of Temperature Contours on the Thermal Distribution Generated by Ablation Micro-coaxial Antennas. , 2020, , .		1
11	Effect of Sunflower, Almond, and Rapeseed Oils as Additives on Thermal Properties of a Machinery Oil. Applied Sciences (Switzerland), 2021, 11, 7441.	2.5	0
12	Analysis of the Thermal Distribution Generated by a Thermal Patch to Evaluate Its Feasibility to Treat Patient's Pain Relief. IFMBE Proceedings, 2020, , 508-518.	0.3	0
13	In Situ Mechanical Characterization of Skin: Participation in the Program Nodos Binacionales de Salud. IFMBE Proceedings, 2020, , 663-669.	0.3	0