Pedram Mojabi

List of Publications by Year
in descending order

14 papers	**211** citations	1163117 **8** h-index	1372567 **10** g-index
14 all docs	**14** docs citations	**14** times ranked	**127** citing authors

#	Article	IF	Citations
1	Incorporation of Ultrasonic Prior Information for Improving Quantitative Microwave Imaging of Breast. IEEE Journal on Multiscale and Multiphysics Computational Techniques, 2019, 4, 98-110.	2.2	39
2	Ultrasound tomography for simultaneous reconstruction of acoustic density, attenuation, and compressibility profiles. Journal of the Acoustical Society of America, 2015, 137, 1813-1825.	1.1	31
3	Tissue-Type Classification With Uncertainty Quantification of Microwave and Ultrasound Breast Imaging: A Deep Learning Approach. IEEE Access, 2020, 8, 182092-182104.	4.2	30
4	Proof-of-Concept of the Incorporation of Ultrasound-Derived Structural Information Into Microwave Radar Imaging. IEEE Journal on Multiscale and Multiphysics Computational Techniques, 2018, 3, 129-139.	2.2	29
5	Composite Tissue-Type and Probability Image for Ultrasound and Microwave Tomography. IEEE Journal on Multiscale and Multiphysics Computational Techniques, 2016, 1, 26-35.	2.2	17
6	Evaluation of Balanced Ultrasound Breast Imaging Under Three Density Profile Assumptions. IEEE Transactions on Computational Imaging, 2017, 3, 864-875.	4.4	16
7	CNN for Compressibility to Permittivity Mapping for Combined Ultrasound-Microwave Breast Imaging. IEEE Journal on Multiscale and Multiphysics Computational Techniques, 2021, 6, 62-72.	2.2	16
8	Experimental Evaluation of Composite Tissue-Type Ultrasound and Microwave Imaging. IEEE Journal on Multiscale and Multiphysics Computational Techniques, 2019, 4, 119-132.	2.2	12
9	Electromagnetic inversion for biomedical imaging, antenna characterization, and sea ice remote sensing applications. , 2016, , .		5
10	Evaluating Performance of Microwave Image Reconstruction Algorithms: Extracting Tissue Types with Segmentation Using Machine Learning. Journal of Imaging, 2021, 7, 5.	3.0	5
11	Tissue-Type Imaging for Ultrasound-Prior Microwave Inversion. , 2018, , .		4
12	On Microwave Breast Imaging with Ultrasound Spatial Priors. , 2020, , .		4
13	MWSegEvalâ€"An image analysis toolbox for microwave breast images. SoftwareX, 2021, 15, 100728.	2.6	2
14	Tissue-type imaging using ultrasound tomography. , 2015, , .		1