

Baosheng Wang

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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1478505

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docs citations

18
times ranked

56
citing authors

#	ARTICLE	IF	CITATIONS
1	A Preclinical System Prototype for Focused Microwave Breast Hyperthermia Guided by Compressive Thermoacoustic Tomography. IEEE Transactions on Biomedical Engineering, 2021, 68, 2289-2300.	4.2	37
2	Three-Dimensional Microwave-Induced Thermoacoustic Imaging Based on Compressive Sensing Using an Analytically Constructed Dictionary. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 377-386.	4.6	34
3	Enhanced and modulated microwave-induced thermoacoustic imaging by ferromagnetic resonance. Applied Physics Express, 2019, 12, 077001.	2.4	19
4	A Low-Cost Compressive Thermoacoustic Tomography System for Hot and Cold Foreign Bodies Detection. IEEE Sensors Journal, 2021, 21, 23588-23596.	4.7	15
5	2-D Noninvasive Temperature Measurement of Biological Samples Based on Compressive Thermoacoustic Tomography. IEEE Journal of Electromagnetics, RF and Microwaves in Medicine and Biology, 2021, 5, 371-378.	3.4	10
6	Microwave-Induced Thermoacoustic Imaging of Small Animals Applying Scanning Orthogonal Polarization Excitation. IEEE Journal of Electromagnetics, RF and Microwaves in Medicine and Biology, 2022, 6, 123-130.	3.4	8
7	A novel monitoring technique for breast cancer hyperthermia using thermoacoustic imaging. , 2018, , .		7
8	Design of Thermoacoustic Monitoring System for Hyperthermia. , 2018, , .		6
9	3D thermoacoustic imaging based on compressive sensing. , 2018, , .		4
10	Investigation on Distribution of Measurements for Microwave-induced Thermoacoustic Imaging Based on Compressive Sensing. , 2020, , .		2
11	A Preliminary Study of Applying Microwave-induced Thermoacoustic Imaging to Detect Cold Targets. , 2019, , .		1
12	Fast Thermoacoustic Imaging Based on Compressive Sensing Applying an Effective Algorithm. , 2020, , .		1
13	Multiple Back Projection With Impact Factor Algorithm Based on Circular Scanning for Microwave-Induced Thermoacoustic Tomography. IEEE Journal of Electromagnetics, RF and Microwaves in Medicine and Biology, 2022, 6, 182-188.	3.4	1
14	Contrast-enhanced Thermoacoustic Imaging for Breast Tumor Detection with Sparse Measurements. , 2018, , .		0
15	Thermoacoustic Imaging Based on Sparse Measurements: A Computational Study Using Closely Located Samples. , 2019, , .		0
16	Time-efficient Thermoacoustic Imaging with High Resolution for A Large Sample: A Simulation Study. , 2019, , .		0
17	Investigation on Effects of Acoustic Heterogeneity in Thermoacoustic Imaging Based on Compressive Sensing: A Simulation Study. , 2019, , .		0
18	Investigation on Resolution of Thermoacoustic Imaging Based on Compressive Sensing: A Simulation Study. , 2019, , .		0