

Yifei Sun

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

72
citations

1937685

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2272923

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g-index

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all docs

10
docs citations

10
times ranked

44
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	A Low-Cost Compressive Thermoacoustic Tomography System for Hot and Cold Foreign Bodies Detection. IEEE Sensors Journal, 2021, 21, 23588-23596.	4.7	15
3	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
4	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
5	3D thermoacoustic imaging based on compressive sensing. , 2018, , .		4
6	A Preliminary Study of Applying Microwave-induced Thermoacoustic Imaging to Detect Cold Targets. , 2019, , .		1
7	Thermoacoustic Imaging Based on Sparse Measurements: A Computational Study Using Closely Located Samples. , 2019, , .		0
8	Time-efficient Thermoacoustic Imaging with High Resolution for A Large Sample: A Simulation Study. , 2019, , .		0
9	Investigation on Effects of Acoustic Heterogeneity in Thermoacoustic Imaging Based on Compressive Sensing: A Simulation Study. , 2019, , .		0
10	Investigation on Resolution of Thermoacoustic Imaging Based on Compressive Sensing: A Simulation Study. , 2019, , .		0