

Yexian Qin

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

162
citations

1937685

4
h-index

2272923

4
g-index

20
all docs

20
docs citations

20
times ranked

148
citing authors

#	ARTICLE	IF	CITATIONS
1	Microwave-Induced Thermoacoustic Communications. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 3369-3378.	4.6	40
2	Microwave-Induced Thermoacoustic Imaging for Embedded Explosives Detection in High-Water Content Medium. IEEE Transactions on Antennas and Propagation, 2019, 67, 4803-4810.	5.1	25
3	An electrically coupled tissue-engineered cardiomyocyte scaffold improves cardiac function in rats with chronic heart failure. Journal of Heart and Lung Transplantation, 2014, 33, 438-445.	0.6	22
4	Performance of a transcranial US array designed for 4D acoustoelectric brain imaging in humans. , 2017, , .		13
5	Time-efficient contrast-enhanced thermoacoustic imaging modality for 3-D breast cancer detection using compressive sensing. , 2014, , .		12
6	4D acoustoelectric imaging of current sources in a human head phantom. , 2016, , .		10
7	Performance improvement for thermoacoustic imaging using compressive sensing. , 2014, , .		8
8	Tissue Acoustoelectric Effect Modeling From Solid Mechanics Theory. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2017, 64, 1583-1590.	3.0	8
9	Non-contact thermoacoustic imaging based on laser and microwave vibrometry. , 2014, , .		7
10	Mapping the ECG in the live rabbit heart using Ultrasound current source density imaging with coded excitation. , 2012, 2012, 910-913.		6
11	Modeling of non-contact thermoacoustic imaging. , 2015, , .		4
12	Microwave-induced thermoacoustic imaging for embedded explosives detection. , 2014, , .		2
13	Improving sensitivity in acoustoelectric imaging with coded excitation and optimized inverse filter. , 2017, , .		2
14	Performance of a transcranial ultrasound array designed for 4D acoustoelectric brain imaging in humans. , 2017, , .		2
15	Cardiac activation mapping with ultrasound current source density imaging. , 2014, , .		1
16	Acoustoelectric imaging of time-varying current produced by a clinical deep brain stimulator. , 2017, , .		0
17	Design considerations and performance of a variable gain, variable bandwidth signal processing circuit for acoustoelectric imaging. , 2017, , .		0
18	Design considerations and performance of a variable gain, variable bandwidth signal processing circuit for acoustoelectric imaging. , 2017, , .		0

#	ARTICLE	IF	CITATIONS
19	Notice of Removal: Coded excitation with optimized inverse filter for improving sensitivity in acoustoelectric imaging. , 2017, , .		0
20	Acoustoelectric imaging of time-varying current produced by a clinical deep brain stimulator. , 2017, , .		0