Ruijuan Chen

List of Publications by Year
in descending order

13 papers	85 citations	1478505 6 h-index	1474206 9 g-index
13 all docs	13 docs citations	13 times ranked	71 citing authors

#	Article	IF	Citations
1	Deep learning algorithms for brain disease detection with magnetic induction tomography. Medical Physics, 2021, 48, 745-759.	3.0	12
2	Depression of auditory cortex excitability by transcranial alternating current stimulation. Neuroscience Letters, 2021, 742, 135559.	2.1	5
3	A convolutional neural network algorithm for breast tumor detection with magnetic detection electrical impedance tomography. Review of Scientific Instruments, 2021, 92, 064701.	1.3	4
4	Rapid diagnosis and continuous monitoring of intracerebral hemorrhage with magnetic induction tomography based on stacked autoencoder. Review of Scientific Instruments, 2021, 92, 084707.	1.3	1
5	Technologies for magnetic induction tomography sensors and image reconstruction in medical assisted diagnosis: A review. Review of Scientific Instruments, 2020, 91, 091501.	1.3	6
6	Effects of Transcranial Electrical Stimulation on Human Auditory Processing and Behavior—A Review. Brain Sciences, 2020, 10, 531.	2.3	12
7	Design of a scanning magnetic induction phase measurement system for respiratory monitoring. Review of Scientific Instruments, 2020, 91, 083705.	1.3	3
8	Remote monitoring contributes to preventing overwork-related events in health workers on the COVID-19 frontlines. Precision Clinical Medicine, 2020, 3, 97-99.	3.3	8
9	A Stacked Autoencoder Neural Network Algorithm for Breast Cancer Diagnosis With Magnetic Detection Electrical Impedance Tomography. IEEE Access, 2020, 8, 5428-5437.	4.2	13
10	Characteristic of Stimulus Frequency Otoacoustic Emissions: Detection Rate, Musical Training Influence, and Gain Function. Brain Sciences, 2019, 9, 255.	2.3	3
11	A Novel Algorithm for High-Resolution Magnetic Induction Tomography Based on Stacked Auto-Encoder for Biological Tissue Imaging. IEEE Access, 2019, 7, 185597-185606.	4.2	10
12	A new theoretical model for transmembrane potential and ion currents induced in a spherical cell under low frequency electromagnetic field. Bioelectromagnetics, 2016, 37, 481-492.	1.6	2
13	A New Electrode Mode for Magnetic Detection Electrical Impedance Tomography: Computer Simulation Study. IEEE Transactions on Magnetics, 2012, 48, 2543-2550.	2.1	6