Yineng Zheng

List of Publications by Year
in descending order

15 papers	267 citations	1307366 7 h-index	1125617 13 g-index
15 all docs	15 docs citations	15 times ranked	272 citing authors

#	Article	IF	Citations
1	An automatic approach for heart failure typing based on heart sounds and convolutional recurrent neural networks. Physical and Engineering Sciences in Medicine, 2022, 45, 475-485.	1.3	3
2	A multi-scale and multi-domain heart sound feature-based machine learning model for ACC/AHA heart failure stage classification. Physiological Measurement, 2022, 43, 065002.	1.2	6
3	Diagnosis of exercise-induced cardiac fatigue based on deep learning and heart sounds. Applied Acoustics, 2022, 197, 108900.	1.7	5
4	Nonenhanced MRI-based radiomics model for preoperative prediction of nonperfused volume ratio for high-intensity focused ultrasound ablation of uterine leiomyomas. International Journal of Hyperthermia, 2021, 38, 1349-1358.	1.1	4
5	Prediction of exercise sudden death in rabbit exhaustive swimming using deep neural network. BioMedical Engineering OnLine, 2021, 20, 87.	1.3	0
6	Study of the Correlation Between the Ratio of Diastolic to Systolic Durations and Echocardiography Measurements and Its Application to the Classification of Heart Failure Phenotypes. International Journal of General Medicine, 2021, Volume 14, 5493-5503.	0.8	1
7	Machine learning-based CT radiomics approach for predicting WHO/ISUP nuclear grade of clear cell renal cell carcinoma: an exploratory and comparative study. Insights Into Imaging, 2021, 12, 170.	1.6	24
8	Gated recurrent unit-based heart sound analysis for heart failure screening. BioMedical Engineering OnLine, 2020, 19, 3.	1.3	25
9	An Automatic Approach Using ELM Classifier for HFpEF Identification Based on Heart Sound Characteristics. Journal of Medical Systems, 2019, 43, 285.	2.2	16
10	Machine Learning-Based Framework for Differential Diagnosis Between Vascular Dementia and Alzheimer's Disease Using Structural MRI Features. Frontiers in Neurology, 2019, 10, 1097.	1.1	27
11	Optic radiations are thinner and show signs of iron deposition in patients with long-standing remitting-relapsing multiple sclerosis: an enhanced T2*-weighted angiography imaging study. European Radiology, 2018, 28, 4447-4454.	2.3	5
12	An innovative multi-level singular value decomposition and compressed sensing based framework for noise removal from heart sounds. Biomedical Signal Processing and Control, 2017, 38, 34-43.	3.5	15
13	Identification of chronic heart failure using linear and nonlinear analysis of heart sound. , 2017, 2017, 4586-4589.		8
14	Computer-assisted diagnosis for chronic heart failure by the analysis of their cardiac reserve and heart sound characteristics. Computer Methods and Programs in Biomedicine, 2015, 122, 372-383.	2.6	59
15	A novel hybrid energy fraction and entropy-based approach for systolic heart murmurs identification. Expert Systems With Applications, 2015, 42, 2710-2721.	4.4	69