Zhaohan Xiong

List of Publications by Year
in descending order

12 papers	616 citations	1163117 8 h-index	1199594 12 g-index
13 all docs	13 docs citations	13 times ranked	820 citing authors

#	ARTICLE	IF	CITATIONS
1	A global benchmark of algorithms for segmenting the left atrium from late gadolinium-enhanced cardiac magnetic resonance imaging. Medical Image Analysis, 2021, 67, 101832.	11.6	150
2	ECG signal classification for the detection of cardiac arrhythmias using a convolutional recurrent neural network. Physiological Measurement, 2018, 39, 094006.	2.1	110
3	Fully Automatic Left Atrium Segmentation From Late Gadolinium Enhanced Magnetic Resonance Imaging Using a Dual Fully Convolutional Neural Network. IEEE Transactions on Medical Imaging, 2019, 38, 515-524.	8.9	90
4	Robust ECG Signal Classification for the Detection of Atrial Fibrillation Using Novel Neural Networks. , 0, , .		87
5	A Machine Learning Aided Systematic Review and Meta-Analysis of the Relative Risk of Atrial Fibrillation in Patients With Diabetes Mellitus. Frontiers in Physiology, 2018, 9, 835.	2.8	80
6	Segmentation of histological images and fibrosis identification with a convolutional neural network. Computers in Biology and Medicine, 2018, 98, 147-158.	7.0	41
7	Mini Review: Deep Learning for Atrial Segmentation From Late Gadolinium-Enhanced MRIs. Frontiers in Cardiovascular Medicine, 2020, 7, 86.	2.4	23
8	A robust computational framework for estimating 3D Bi-Atrial chamber wall thickness. Computers in Biology and Medicine, 2019, 114, 103444.	7.0	16
9	Enhancing the detection of atrial fibrillation from wearable sensors with neural style transfer and convolutional recurrent networks. Computers in Biology and Medicine, 2022, 146, 105551.	7.0	8
10	Automatic 3D Surface Reconstruction of the Left Atrium From Clinically Mapped Point Clouds Using Convolutional Neural Networks. Frontiers in Physiology, 2022, 13, 880260.	2.8	5
11	Two-Stage 2D CNN for Automatic Atrial Segmentation from LGE-MRIs. Lecture Notes in Computer Science, 2020, , 81-89.	1.3	3
12	Machine Learning for Fully Automatic 3D Atria Segmentation and Reconstruction from Gadolinium Enhanced MRIs. Heart Lung and Circulation, 2017, 26, S33.	0.4	1