Zhaohan Xiong

List of Publications by Year
in descending order

12	616	1163117 8	1199594 12
papers	citations	h-index	g-index

13	13	13	820
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	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
3	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
4	Mini Review: Deep Learning for Atrial Segmentation From Late Gadolinium-Enhanced MRIs. Frontiers in Cardiovascular Medicine, 2020, 7, 86.	2.4	23
5	Two-Stage 2D CNN for Automatic Atrial Segmentation from LGE-MRIs. Lecture Notes in Computer Science, 2020, , 81-89.	1.3	3
6	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
7	A robust computational framework for estimating 3D Bi-Atrial chamber wall thickness. Computers in Biology and Medicine, 2019, 114, 103444.	7.0	16
8	Segmentation of histological images and fibrosis identification with a convolutional neural network. Computers in Biology and Medicine, 2018, 98, 147-158.	7.0	41
9	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
10	ECG signal classification for the detection of cardiac arrhythmias using a convolutional recurrent neural network. Physiological Measurement, 2018, 39, 094006.	2.1	110
11	Machine Learning for Fully Automatic 3D Atria Segmentation and Reconstruction from Gadolinium Enhanced MRIs. Heart Lung and Circulation, 2017, 26, S33.	0.4	1
12	Robust ECG Signal Classification for the Detection of Atrial Fibrillation Using Novel Neural Networks. , 0, , .		87