

# Jucheng Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/190501/publications.pdf>

Version: 2024-02-01

12  
papers

173  
citations

1477746

6  
h-index

1199166

12  
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13  
all docs

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docs citations

13  
times ranked

113  
citing authors

#	ARTICLE	IF	CITATIONS
1	FA-GAN: Fused attentive generative adversarial networks for MRI image super-resolution. <i>Computerized Medical Imaging and Graphics</i> , 2021, 92, 101969.	3.5	49
2	Automated arrhythmia classification using depthwise separable convolutional neural network with focal loss. <i>Biomedical Signal Processing and Control</i> , 2021, 69, 102843.	3.5	29
3	Extraction of Coronary Atherosclerotic Plaques From Computed Tomography Imaging: A Review of Recent Methods. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 597568.	1.1	22
4	Accelerating CS-MRI Reconstruction With Fine-Tuning Wasserstein Generative Adversarial Network. <i>IEEE Access</i> , 2019, 7, 152347-152357.	2.6	20
5	HADLN: Hybrid Attention-Based Deep Learning Network for Automated Arrhythmia Classification. <i>Frontiers in Physiology</i> , 2021, 12, 683025.	1.3	12
6	HF-SENSE: an improved partially parallel imaging using a high-pass filter. <i>BMC Medical Imaging</i> , 2019, 19, 27.	1.4	10
7	Exploring Impaired SERCA Pump-Caused Alternation Occurrence in Ischemia. <i>Computational and Mathematical Methods in Medicine</i> , 2019, 2019, 1-10.	0.7	7
8	Effect of microcirculatory dysfunction on coronary hemodynamics: A pilot study based on computational fluid dynamics simulation. <i>Computers in Biology and Medicine</i> , 2022, 146, 105583.	3.9	7
9	Consistency in Geometry Among Coronary Atherosclerotic Plaques Extracted From Computed Tomography Angiography. <i>Frontiers in Physiology</i> , 2021, 12, 715265.	1.3	6
10	A New Method for Detecting Myocardial Ischemia Based on ECG T-Wave Area Curve (TWAC). <i>Frontiers in Physiology</i> , 2021, 12, 660232.	1.3	5
11	Image Classification of Alzheimer's Disease Based on External-Attention Mechanism and Fully Convolutional Network. <i>Brain Sciences</i> , 2022, 12, 319.	1.1	5
12	Improved robust tensor principal component analysis for accelerating dynamic MR imaging reconstruction. <i>Medical and Biological Engineering and Computing</i> , 2020, 58, 1483-1498.	1.6	1