

# Qiang Zhang

## List of Publications by Citations

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**Version:** 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

12  
papers

65  
citations

6  
h-index

7  
g-index

15  
ext. papers

141  
ext. citations

5.7  
avg, IF

2.24  
L-index

#	Paper	IF	Citations
12	Deep neural network ensemble for on-the-fly quality control-driven segmentation of cardiac MRI T1 mapping. <i>Medical Image Analysis</i> , <b>2021</b> , 71, 102029	15.4	12
11	Deep learning with attention supervision for automated motion artefact detection in quality control of cardiac T1-mapping. <i>Artificial Intelligence in Medicine</i> , <b>2020</b> , 110, 101955	7.4	10
10	Toward Replacing Late Gadolinium Enhancement With Artificial Intelligence Virtual Native Enhancement for Gadolinium-Free Cardiovascular Magnetic Resonance Tissue Characterization in Hypertrophic Cardiomyopathy. <i>Circulation</i> , <b>2021</b> , 144, 589-599	16.7	10
9	Quality Control-Driven Image Segmentation Towards Reliable Automatic Image Analysis in Large-Scale Cardiovascular Magnetic Resonance Aortic Cine Imaging. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 750-758	0.9	7
8	Quality assurance of quantitative cardiac T1-mapping in multicenter clinical trials - A T1 phantom program from the hypertrophic cardiomyopathy registry (HCMR) study. <i>International Journal of Cardiology</i> , <b>2021</b> , 330, 251-258	3.2	7
7	Total Mapping Toolbox (TOMATO): An open source library for cardiac magnetic resonance parametric mapping. <i>SoftwareX</i> , <b>2020</b> , 11, 100369	2.7	6
6	Endogenous T1 cardiovascular magnetic resonance in hypertrophic cardiomyopathy. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2021</b> , 23, 120	6.9	3
5	Cardiac stress T1-mapping response and extracellular volume stability of MOLLI-based T1-mapping methods. <i>Scientific Reports</i> , <b>2021</b> , 11, 13568	4.9	3
4	Standardization of T1-mapping in cardiovascular magnetic resonance using clustered structuring for benchmarking normal ranges. <i>International Journal of Cardiology</i> , <b>2021</b> , 326, 220-225	3.2	3
3	Cardiovascular magnetic resonance stress and rest T1-mapping using regadenoson for detection of ischemic heart disease compared to healthy controls. <i>International Journal of Cardiology</i> , <b>2021</b> , 333, 239-245	3.2	2
2	MOCOnet: Robust Motion Correction of Cardiovascular Magnetic Resonance T1 Mapping Using Convolutional Neural Networks. <i>Frontiers in Cardiovascular Medicine</i> , <b>2021</b> , 8, 768245	5.4	1
1	Ensemble of Deep Convolutional Neural Networks with Monte Carlo Dropout Sampling for Automated Image Segmentation Quality Control and Robust Deep Learning Using Small Datasets. <i>Lecture Notes in Computer Science</i> , <b>2021</b> , 280-293	0.9	1