

Qiang Zhang

List of Publications by Year in Descending Order

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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 | MOCOnet: Robust Motion Correction of Cardiovascular Magnetic Resonance T1 Mapping Using Convolutional Neural Networks. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 768245 | 5.4 | 1 |
| 11 | Endogenous T1 cardiovascular magnetic resonance in hypertrophic cardiomyopathy. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021 , 23, 120 | 6.9 | 3 |
| 10 | 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> , 2021 , 330, 251-258 | 3.2 | 7 |
| 9 | 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> , 2021 , 333, 239-245 | 3.2 | 2 |
| 8 | Cardiac stress T1-mapping response and extracellular volume stability of MOLLI-based T1-mapping methods. <i>Scientific Reports</i> , 2021 , 11, 13568 | 4.9 | 3 |
| 7 | Standardization of T1-mapping in cardiovascular magnetic resonance using clustered structuring for benchmarking normal ranges. <i>International Journal of Cardiology</i> , 2021 , 326, 220-225 | 3.2 | 3 |
| 6 | 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> , 2021 , 280-293 | 0.9 | 1 |
| 5 | Deep neural network ensemble for on-the-fly quality control-driven segmentation of cardiac MRI T1 mapping. <i>Medical Image Analysis</i> , 2021 , 71, 102029 | 15.4 | 12 |
| 4 | 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> , 2021 , 144, 589-599 | 16.7 | 10 |
| 3 | Deep learning with attention supervision for automated motion artefact detection in quality control of cardiac T1-mapping. <i>Artificial Intelligence in Medicine</i> , 2020 , 110, 101955 | 7.4 | 10 |
| 2 | Total Mapping Toolbox (TOMATO): An open source library for cardiac magnetic resonance parametric mapping. <i>SoftwareX</i> , 2020 , 11, 100369 | 2.7 | 6 |
| 1 | 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> , 2019 , 750-758 | 0.9 | 7 |