

Evan Hann

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.

10
papers

66
citations

6
h-index

7
g-index

13
ext. papers

133
ext. citations

5.7
avg, IF

2.22
L-index

#	Paper	IF	Citations
10	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
9	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
8	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
7	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
6	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
5	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
4	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
3	Total Mapping Toolbox (TOMATO): An open source library for cardiac magnetic resonance parametric mapping. <i>SoftwareX</i> , 2020 , 11, 100369	2.7	6
2	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
1	Automated localization and quality control of the aorta in cine CMR can significantly accelerate processing of the UK Biobank population data. <i>PLoS ONE</i> , 2019 , 14, e0212272	3.7	12