

Hui Xue

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

475
citations

687220

13
h-index

752573

20
g-index

20
all docs

20
docs citations

20
times ranked

709
citing authors

#	ARTICLE	IF	CITATIONS
1	High spatial and temporal resolution retrospective cine cardiovascular magnetic resonance from shortened free breathing real-time acquisitions. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2013, 15, 102.	1.6	75
2	Distributed MRI reconstruction using gadgetron-based cloud computing. <i>Magnetic Resonance in Medicine</i> , 2015, 73, 1015-1025.	1.9	50
3	CMR fluoroscopy right heart catheterization for cardiac output and pulmonary vascular resistance: results in 102 patients. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 19, 54.	1.6	41
4	Quantitative Myocardial Perfusion in Fabry Disease. <i>Circulation: Cardiovascular Imaging</i> , 2019, 12, e008872.	1.3	32
5	Automated Inline Analysis of Myocardial Perfusion MRI with Deep Learning. <i>Radiology: Artificial Intelligence</i> , 2020, 2, e200009.	3.0	32
6	Assessment of Multivessel Coronary Artery Disease Using Cardiovascular Magnetic Resonance Pixelwise Quantitative Perfusion Mapping. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 2546-2557.	2.3	30
7	Automatic inline quantitative myocardial perfusion mapping: Processing algorithm and implementation. <i>Magnetic Resonance in Medicine</i> , 2020, 83, 712-730.	1.9	27
8	A comparison of cine CMR imaging at 0.55T and 1.5T. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2020, 22, 37.	1.6	25
9	Improved workflow for quantification of left ventricular volumes and mass using free-breathing motion corrected cine imaging. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 18, 10.	1.6	24
10	Landmark Detection in Cardiac MRI by Using a Convolutional Neural Network. <i>Radiology: Artificial Intelligence</i> , 2021, 3, e200197.	3.0	24
11	Motion-corrected free-breathing LGE delivers high quality imaging and reduces scan time by half: an independent validation study. <i>International Journal of Cardiovascular Imaging</i> , 2019, 35, 1893-1901.	0.7	22
12	Automated detection of left ventricle in arterial input function images for inline perfusion mapping using deep learning: A study of 15,000 patients. <i>Magnetic Resonance in Medicine</i> , 2020, 84, 2788-2800.	1.9	19
13	Fast implementation for compressive recovery of highly accelerated cardiac cine MRI using the balanced sparse model. <i>Magnetic Resonance in Medicine</i> , 2017, 77, 1505-1515.	1.9	16
14	Myocardial Perfusion Defects in Hypertrophic Cardiomyopathy Mutation Carriers. <i>Journal of the American Heart Association</i> , 2021, 10, e020227.	1.6	15
15	Normal right and left ventricular volumes prospectively obtained from cardiovascular magnetic resonance in awake, healthy, 0- 12 year old children. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2020, 22, 11.	1.6	14
16	Automated In-line Artificial Intelligence Measured Global Longitudinal Shortening and Mitral Annular Plane Systolic Excursion: Reproducibility and Prognostic Significance. <i>Journal of the American Heart Association</i> , 2022, 11, e023849.	1.6	11
17	Improved Workflow for Quantification of Right Ventricular Volumes Using Free-Breathing Motion Corrected Cine Imaging. <i>Pediatric Cardiology</i> , 2019, 40, 79-88.	0.6	8
18	Motion-corrected cardiac MRI is associated with decreased anesthesia exposure in children. <i>Pediatric Radiology</i> , 2020, 50, 1709-1716.	1.1	7

#	ARTICLE	IF	CITATIONS
19	Validation of cardiac magnetic-resonance-derived left ventricular strain measurements from free-breathing motion-corrected cine imaging. <i>Pediatric Radiology</i> , 2019, 49, 68-75.	1.1	2
20	A framework for constraining image SNR loss due to MR raw data compression. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2019, 32, 213-225.	1.1	1