Hui Xue

List of Publications by Year
in descending order

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20 papers	475 citations	686830 13 h-index	752256 20 g-index
20 all docs	20 docs citations	20 times ranked	709 citing authors

#	Article	IF	Citations
1	Automated Inâ€Line Artificial Intelligence Measured Global Longitudinal Shortening and Mitral Annular Plane Systolic Excursion: Reproducibility and Prognostic Significance. Journal of the American Heart Association, 2022, 11, e023849.	1.6	11
2	Myocardial Perfusion Defects in Hypertrophic Cardiomyopathy Mutation Carriers. Journal of the American Heart Association, 2021, 10, e020227.	1.6	15
3	Landmark Detection in Cardiac MRI by Using a Convolutional Neural Network. Radiology: Artificial Intelligence, 2021, 3, e200197.	3.0	24
4	Automatic inâ€line quantitative myocardial perfusion mapping: Processing algorithm and implementation. Magnetic Resonance in Medicine, 2020, 83, 712-730.	1.9	27
5	Motion-corrected cardiac MRI is associated with decreased anesthesia exposure in children. Pediatric Radiology, 2020, 50, 1709-1716.	1.1	7
6	Automated Inline Analysis of Myocardial Perfusion MRI with Deep Learning. Radiology: Artificial Intelligence, 2020, 2, e200009.	3.0	32
7	A comparison of cine CMR imaging at 0.55â€‰T and 1.5â€‰T. Journal of Cardiovascular Magnetic Resonance, 2020, 22, 37.	1.6	25
8	Automated detection of left ventricle in arterial input function images for inline perfusion mapping using deep learning: A study of 15,000 patients. Magnetic Resonance in Medicine, 2020, 84, 2788-2800.	1.9	19
9	Normal right and left ventricular volumes prospectively obtained from cardiovascular magnetic resonance in awake, healthy, 0- 12 year old children. Journal of Cardiovascular Magnetic Resonance, 2020, 22, 11.	1.6	14
10	Assessment of Multivessel Coronary Artery Disease Using Cardiovascular Magnetic Resonance Pixelwise Quantitative Perfusion Mapping. JACC: Cardiovascular Imaging, 2020, 13, 2546-2557.	2.3	30
11	Improved Workflow for Quantification of Right Ventricular Volumes Using Free-Breathing Motion Corrected Cine Imaging. Pediatric Cardiology, 2019, 40, 79-88.	0.6	8
12	Quantitative Myocardial Perfusion in Fabry Disease. Circulation: Cardiovascular Imaging, 2019, 12, e008872.	1.3	32
13	Motion-corrected free-breathing LGE delivers high quality imaging and reduces scan time by half: an independent validation study. International Journal of Cardiovascular Imaging, 2019, 35, 1893-1901.	0.7	22
14	A framework for constraining image SNR loss due to MR raw data compression. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2019, 32, 213-225.	1.1	1
15	Validation of cardiac magnetic-resonance-derived left ventricular strain measurements from free-breathing motion-corrected cine imaging. Pediatric Radiology, 2019, 49, 68-75.	1.1	2
16	Fast implementation for compressive recovery of highly accelerated cardiac cine MRI using the balanced sparse model. Magnetic Resonance in Medicine, 2017, 77, 1505-1515.	1.9	16
17	Improved workflow for quantification of left ventricular volumes and mass using free-breathing motion corrected cine imaging. Journal of Cardiovascular Magnetic Resonance, 2016, 18, 10.	1.6	24
18	CMR fluoroscopy right heart catheterization for cardiac output and pulmonary vascular resistance: results in 102 patients. Journal of Cardiovascular Magnetic Resonance, 2016, 19, 54.	1.6	41

#	Article	IF	Citations
19	Distributed MRI reconstruction using gadgetron-based cloud computing. Magnetic Resonance in Medicine, 2015, 73, 1015-1025.	1.9	50
20	High spatial and temporal resolution retrospective cine cardiovascular magnetic resonance from shortened free breathing real-time acquisitions. Journal of Cardiovascular Magnetic Resonance, 2013, 15, 102.	1.6	75