Konrad Werys

List of Publications by Year
in descending order

29 papers	376 citations	759233 12 h-index	839539 18 g-index
30 all docs	30 docs citations	30 times ranked	697 citing authors

#	Article	IF	Citations
1	Toward Replacing Late Gadolinium Enhancement With Artificial Intelligence Virtual Native Enhancement for Gadolinium-Free Cardiovascular Magnetic Resonance Tissue Characterization in Hypertrophic Cardiomyopathy. Circulation, 2021, 144, 589-599.	1.6	48
2	Native T1-mapping for non-contrast assessment of myocardial fibrosis in patients with hypertrophic cardiomyopathy â€" comparison with late enhancement quantification. Magnetic Resonance Imaging, 2015, 33, 718-724.	1.8	32
3	Cardiovascular magnetic resonance with parametric mapping in long-term ultra-marathon runners. European Journal of Radiology, 2019, 117, 89-94.	2.6	29
4	Magnetic resonance imaging assessment of intraventricular dyssynchrony and delayed enhancement as predictors of response to cardiac resynchronization therapy in patients with heart failure of ischaemic and non-ischaemic etiologies. European Journal of Radiology, 2012, 81, 2639-2647.	2.6	28
5	Automated localization and quality control of the aorta in cine CMR can significantly accelerate processing of the UK Biobank population data. PLoS ONE, 2019, 14, e0212272.	2.5	26
6	Repaired Tetralogy of Fallot: Ratio of Right Ventricular Volume to Left Ventricular Volume as a Marker of Right Ventricular Dilatation. Radiology, 2012, 265, 78-86.	7.3	24
7	Deep learning with attention supervision for automated motion artefact detection in quality control of cardiac T1-mapping. Artificial Intelligence in Medicine, 2020, 110, 101955.	6.5	24
8	Quality assurance of quantitative cardiac T1-mapping in multicenter clinical trials â€" A T1 phantom program from the hypertrophic cardiomyopathy registry (HCMR) study. International Journal of Cardiology, 2021, 330, 251-258.	1.7	21
9	Standardization of T1-mapping in cardiovascular magnetic resonance using clustered structuring for benchmarking normal ranges. International Journal of Cardiology, 2021, 326, 220-225.	1.7	19
10	Standardized image post-processing of cardiovascular magnetic resonance T1-mapping reduces variability and improves accuracy and consistency in myocardial tissue characterization. International Journal of Cardiology, 2020, 298, 128-134.	1.7	16
11	Left ventricle phantom and experimental setup for MRI and echocardiography â€" Preliminary results of data acquisitions. Biocybernetics and Biomedical Engineering, 2014, 34, 19-24.	5.9	15
12	Left ventricular hypertrophy in middle-aged endurance athletes. Blood Pressure Monitoring, 2019, 24, 110-113.	0.8	14
13	Poor Bone Quality is Associated With Greater Arterial Stiffness: Insights From the UK Biobank. Journal of Bone and Mineral Research, 2020, 36, 90-99.	2.8	11
14	Quantification of mitral regurgitation in patients with hypertrophic cardiomyopathy using aortic and pulmonary flow data: impacts of left ventricular outflow tract obstruction and different left ventricular segmentation methods. Journal of Cardiovascular Magnetic Resonance, 2017, 19, 105.	3.3	10
15	Biventricular mechanics in prediction of severe myocardial fibrosis in patients with dilated cardiomyopathy: CMR study. European Journal of Radiology, 2017, 91, 71-81.	2.6	9
16	MOCOnet: Robust Motion Correction of Cardiovascular Magnetic Resonance T1 Mapping Using Convolutional Neural Networks. Frontiers in Cardiovascular Medicine, 2021, 8, 768245.	2.4	9
17	Cine dyscontractility index: A novel marker of mechanical dyssynchrony that predicts response to cardiac resynchronization therapy. Journal of Magnetic Resonance Imaging, 2016, 44, 1483-1492.	3.4	8
18	Total Mapping Toolbox (TOMATO): An open source library for cardiac magnetic resonance parametric mapping. SoftwareX, 2020, 11, 100369.	2.6	7

#	Article	IF	Citations
19	Characterization of subclinical diastolic dysfunction by cardiac magnetic resonance feature-tracking in adult survivors of non-Hodgkin lymphoma treated with anthracyclines. BMC Cardiovascular Disorders, 2021, 21, 170.	1.7	7
20	Systolic myocardial volume gain in dilated, hypertrophied and normal heart. CMR study. Clinical Radiology, 2017, 72, 286-292.	1.1	6
21	Normal values of native T 1 and T 2 relaxation times on 3T cardiac MR in a healthy pediatric population aged 9â€“18 years. Journal of Magnetic Resonance Imaging, 2020, 51, 912-918.	3.4	6
22	Validation of performance of free of charge plugin for the open-source platform to perform cardiac segmentation in magnetic resonance imaging. Heart Beat Journal, 2019, 3, 83-89.	0.2	4
23	CINE-MRI to study the progress of disease in a chronic atrial fibrillation goat model. Journal of Cardiovascular Magnetic Resonance, 2013, 15, E96.	3.3	1
24	Displacement field calculation from CINE MRI using non-rigid image registration. , 2015, , .		1
25	Gabor-filter based longitudinal strain estimation from tagged magnetic resonance imaging. , 2015, , .		1
26	Validation of the Polyvinyl Alcohol Cryogel with glycerol as a material for phantoms in magnetic resonance imaging. , 2015, , .		0
27	9â€…Effect of coffee consumption on arterial stiffness from UK biobank imaging study. , 2019, , .		0
28	Non-invasive cardiac imaging artifacts. Kardiologia Polska, 2015, 73, 60-70.	0.6	0
29	Four-dimensional flow magnetic resonance imaging in hypertrophic obstructive cardiomyopathy. Kardiologia Polska, 2017, 75, 813-813.	0.6	0