

# Konrad Werys

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

376  
citations

759055

12  
h-index

839398

18  
g-index

30  
all docs

30  
docs citations

30  
times ranked

697  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	0.8	19
2	Characterization of subclinical diastolic dysfunction by cardiac magnetic resonance feature-tracking in adult survivors of non-Hodgkin lymphoma treated with anthracyclines. <i>BMC Cardiovascular Disorders</i> , 2021, 21, 170.	0.7	7
3	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.	0.8	21
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.	1.6	48
5	MOCOnet: Robust Motion Correction of Cardiovascular Magnetic Resonance T1 Mapping Using Convolutional Neural Networks. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 768245.	1.1	9
6	Standardized image post-processing of cardiovascular magnetic resonance T1-mapping reduces variability and improves accuracy and consistency in myocardial tissue characterization. <i>International Journal of Cardiology</i> , 2020, 298, 128-134.	0.8	16
7	Normal values of native T1 and T2 relaxation times on 3T cardiac MR in a healthy pediatric population aged 9–18 years. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 51, 912-918.	1.9	6
8	Total Mapping Toolbox (TOMATO): An open source library for cardiac magnetic resonance parametric mapping. <i>SoftwareX</i> , 2020, 11, 100369.	1.2	7
9	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.	3.8	24
10	Poor Bone Quality is Associated With Greater Arterial Stiffness: Insights From the UK Biobank. <i>Journal of Bone and Mineral Research</i> , 2020, 36, 90-99.	3.1	11
11	Cardiovascular magnetic resonance with parametric mapping in long-term ultra-marathon runners. <i>European Journal of Radiology</i> , 2019, 117, 89-94.	1.2	29
12	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.	1.1	26
13	Effect of coffee consumption on arterial stiffness from UK biobank imaging study. , 2019, , .		0
14	Left ventricular hypertrophy in middle-aged endurance athletes. <i>Blood Pressure Monitoring</i> , 2019, 24, 110-113.	0.4	14
15	Validation of performance of free of charge plugin for the open-source platform to perform cardiac segmentation in magnetic resonance imaging. <i>Heart Beat Journal</i> , 2019, 3, 83-89.	0.2	4
16	Systolic myocardial volume gain in dilated, hypertrophied and normal heart. CMR study. <i>Clinical Radiology</i> , 2017, 72, 286-292.	0.5	6
17	Biventricular mechanics in prediction of severe myocardial fibrosis in patients with dilated cardiomyopathy: CMR study. <i>European Journal of Radiology</i> , 2017, 91, 71-81.	1.2	9
18	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. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2017, 19, 105.	1.6	10

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19	Four-dimensional flow magnetic resonance imaging in hypertrophic obstructive cardiomyopathy. <i>Kardiologia Polska</i> , 2017, 75, 813-813.	0.3	0
20	Cine dyscontractility index: A novel marker of mechanical dyssynchrony that predicts response to cardiac resynchronization therapy. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 44, 1483-1492.	1.9	8
21	Displacement field calculation from CINE MRI using non-rigid image registration. , 2015, , .		1
22	Native T1-mapping for non-contrast assessment of myocardial fibrosis in patients with hypertrophic cardiomyopathy – comparison with late enhancement quantification. <i>Magnetic Resonance Imaging</i> , 2015, 33, 718-724.	1.0	32
23	Validation of the Polyvinyl Alcohol Cryogel with glycerol as a material for phantoms in magnetic resonance imaging. , 2015, , .		0
24	Gabor-filter based longitudinal strain estimation from tagged magnetic resonance imaging. , 2015, , .		1
25	Non-invasive cardiac imaging artifacts. <i>Kardiologia Polska</i> , 2015, 73, 60-70.	0.3	0
26	Left ventricle phantom and experimental setup for MRI and echocardiography – Preliminary results of data acquisitions. <i>Biocybernetics and Biomedical Engineering</i> , 2014, 34, 19-24.	3.3	15
27	CINE-MRI to study the progress of disease in a chronic atrial fibrillation goat model. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2013, 15, E96.	1.6	1
28	Repaired Tetralogy of Fallot: Ratio of Right Ventricular Volume to Left Ventricular Volume as a Marker of Right Ventricular Dilatation. <i>Radiology</i> , 2012, 265, 78-86.	3.6	24
29	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. <i>European Journal of Radiology</i> , 2012, 81, 2639-2647.	1.2	28