

Konrad Werys

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3512974/publications.pdf>

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	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
2	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
3	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
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. <i>European Journal of Radiology</i> , 2012, 81, 2639-2647.	1.2	28
5	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
6	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
7	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
8	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
9	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
10	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
11	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
12	Left ventricular hypertrophy in middle-aged endurance athletes. <i>Blood Pressure Monitoring</i> , 2019, 24, 110-113.	0.4	14
13	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
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. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2017, 19, 105.	1.6	10
15	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
16	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
17	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
18	Total Mapping Toolbox (TOMATO): An open source library for cardiac magnetic resonance parametric mapping. <i>SoftwareX</i> , 2020, 11, 100369.	1.2	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.	0.7	7
20	Systolic myocardial volume gain in dilated, hypertrophied and normal heart. CMR study. Clinical Radiology, 2017, 72, 286-292.	0.5	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.	1.9	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.	1.6	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.	0.3	0
29	Four-dimensional flow magnetic resonance imaging in hypertrophic obstructive cardiomyopathy. Kardiologia Polska, 2017, 75, 813-813.	0.3	0