

Ursula Reiter

List of Publications by Year in descending order

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papers

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623734

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docs citations

26
times ranked

1190
citing authors

#	ARTICLE	IF	CITATIONS
1	Automated vortical blood flow-based estimation of mean pulmonary arterial pressure from 4D flow MRI. <i>Magnetic Resonance Imaging</i> , 2022, 88, 132-141.	1.8	6
2	Impact of the Choice of Native T 1 in Pixelwise Myocardial Blood Flow Quantification. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 53, 755-765.	3.4	0
3	Cellular contribution to left and right atrial dysfunction in chronic arterial hypertension in pigs. <i>ESC Heart Failure</i> , 2021, 8, 151-161.	3.1	6
4	MR 4D flow-based mean pulmonary arterial pressure tracking in pulmonary hypertension. <i>European Radiology</i> , 2021, 31, 1883-1893.	4.5	23
5	Differences in left ventricular and left atrial function assessed during breath-holding and breathing. <i>European Journal of Radiology</i> , 2021, 141, 109756.	2.6	5
6	Cardiac Magnetic Resonance Imaging Right Ventricular Longitudinal Strain Predicts Mortality in Patients Undergoing TAVI. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 644500.	2.4	6
7	A Framework for the generation of digital twins of cardiac electrophysiology from clinical 12-leads ECGs. <i>Medical Image Analysis</i> , 2021, 71, 102080.	11.6	72
8	Quantitative Clinical Cardiac Magnetic Resonance Imaging. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2020, 192, 246-256.	1.3	8
9	Nuclear Magnetic Relaxation Mapping of Spin Relaxation in Electrically Stressed Glycerol. <i>ACS Omega</i> , 2020, 5, 22057-22070.	3.5	3
10	Comprehensive Cardiovascular Magnetic Resonance Diastolic Dysfunction Grading Shows Very Good Agreement Compared With Echocardiography. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 2530-2542.	5.3	19
11	Automated mitral valve vortex ring extraction from 4D flow MRI. <i>Magnetic Resonance in Medicine</i> , 2020, 84, 3396-3408.	3.0	11
12	Cardiovascular magnetic resonance 4D flow analysis has a higher diagnostic yield than Doppler echocardiography for detecting increased pulmonary artery pressure. <i>BMC Medical Imaging</i> , 2020, 20, 28.	2.7	19
13	Cardiac magnetic resonance T1 mapping. Part 1: Aspects of acquisition and evaluation. <i>European Journal of Radiology</i> , 2018, 109, 223-234.	2.6	30
14	Cardiac magnetic resonance T1 mapping. Part 2: Diagnostic potential and applications. <i>European Journal of Radiology</i> , 2018, 109, 235-247.	2.6	30
15	Native myocardial T1 mapping in pulmonary hypertension: correlations with cardiac function and hemodynamics. <i>European Radiology</i> , 2017, 27, 157-166.	4.5	44
16	Magnetic resonance imaging of flow and mass transfer in electrohydrodynamic liquid bridges. <i>Journal of Visualization</i> , 2017, 20, 97-110.	1.8	6
17	MR phase-contrast imaging in pulmonary hypertension. <i>British Journal of Radiology</i> , 2016, 89, 20150995.	2.2	42
18	Early-stage heart failure with preserved ejection fraction in the pig: a cardiovascular magnetic resonance study. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 18, 63.	3.3	29

#	ARTICLE	IF	CITATIONS
19	Counter-clockwise vortical blood flow in the main pulmonary artery in a patient with patent ductus arteriosus with pulmonary arterial hypertension: a cardiac magnetic resonance imaging case report. BMC Medical Imaging, 2016, 16, 45.	2.7	6
20	Blood Flow Vortices along the Main Pulmonary Artery Measured with MR Imaging for Diagnosis of Pulmonary Hypertension. Radiology, 2015, 275, 71-79.	7.3	129
21	Normal Diastolic and Systolic Myocardial T1 Values at 1.5-T MR Imaging: Correlations and Blood Normalization. Radiology, 2014, 271, 365-372.	7.3	62
22	Gd-EOB-DTPA enhanced MRI of the liver: Correlation of relative hepatic enhancement, relative renal enhancement, and liver to kidneys enhancement ratio with serum hepatic enzyme levels and eGFR. European Journal of Radiology, 2014, 83, 607-611.	2.6	17
23	Characterization of a calcified intra-cardiac pseudocyst of the mitral valve by magnetic resonance imaging including T1 and T2 mapping. BMC Cardiovascular Disorders, 2014, 14, 11.	1.7	8
24	Four-dimensional temperature distributions in red blood cells withdrawn from storage and exposed to ambient temperature: a magnetic resonance thermometry study. Transfusion, 2013, 53, 167-173.	1.6	7
25	Evaluation of Elevated Mean Pulmonary Arterial Pressure Based on Magnetic Resonance 4D Velocity Mapping: Comparison of Visualization Techniques. PLoS ONE, 2013, 8, e82212.	2.5	61
26	Magnetic Resonance-Derived 3-Dimensional Blood Flow Patterns in the Main Pulmonary Artery as a Marker of Pulmonary Hypertension and a Measure of Elevated Mean Pulmonary Arterial Pressure. Circulation: Cardiovascular Imaging, 2008, 1, 23-30.	2.6	205