

Ursula Reiter

List of Publications by Year in descending order

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26
papers

854
citations

623734

14
h-index

580821

25
g-index

26
all docs

26
docs citations

26
times ranked

1190
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic Resonanceâ€“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
2	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
3	A Framework for the generation of digital twins of cardiac electrophysiology from clinical 12-leads ECGs. Medical Image Analysis, 2021, 71, 102080.	11.6	72
4	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
5	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
6	Native myocardial T1 mapping in pulmonary hypertension: correlations with cardiac function and hemodynamics. European Radiology, 2017, 27, 157-166.	4.5	44
7	MR phase-contrast imaging in pulmonary hypertension. British Journal of Radiology, 2016, 89, 20150995.	2.2	42
8	Cardiac magnetic resonance T1 mapping. Part 1: Aspects of acquisition and evaluation. European Journal of Radiology, 2018, 109, 223-234.	2.6	30
9	Cardiac magnetic resonance T1 mapping. Part 2: Diagnostic potential and applications. European Journal of Radiology, 2018, 109, 235-247.	2.6	30
10	Early-stage heart failure with preserved ejection fraction in the pig: a cardiovascular magnetic resonance study. Journal of Cardiovascular Magnetic Resonance, 2016, 18, 63.	3.3	29
11	MR 4D flow-based mean pulmonary arterial pressure tracking in pulmonary hypertension. European Radiology, 2021, 31, 1883-1893.	4.5	23
12	Comprehensive Cardiovascular Magnetic Resonance Diastolic Dysfunction Grading Shows Very Good Agreement Compared With Echocardiography. JACC: Cardiovascular Imaging, 2020, 13, 2530-2542.	5.3	19
13	Cardiovascular magnetic resonance 4D flow analysis has a higher diagnostic yield than Doppler echocardiography for detecting increased pulmonary artery pressure. BMC Medical Imaging, 2020, 20, 28.	2.7	19
14	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
15	Automated mitral valve vortex ring extraction from 4Dâ€“flow MRI. Magnetic Resonance in Medicine, 2020, 84, 3396-3408.	3.0	11
16	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
17	Quantitative Clinical Cardiac Magnetic Resonance Imaging. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2020, 192, 246-256.	1.3	8
18	Fourâ€“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

#	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	Magnetic resonance imaging of flow and mass transfer in electrohydrodynamic liquid bridges. Journal of Visualization, 2017, 20, 97-110.	1.8	6
21	Cellular contribution to left and right atrial dysfunction in chronic arterial hypertension in pigs. ESC Heart Failure, 2021, 8, 151-161.	3.1	6
22	Cardiac Magnetic Resonance Imaging Right Ventricular Longitudinal Strain Predicts Mortality in Patients Undergoing TAVI. Frontiers in Cardiovascular Medicine, 2021, 8, 644500.	2.4	6
23	Automated vortical blood flow-based estimation of mean pulmonary arterial pressure from 4D flow MRI. Magnetic Resonance Imaging, 2022, 88, 132-141.	1.8	6
24	Differences in left ventricular and left atrial function assessed during breath-holding and breathing. European Journal of Radiology, 2021, 141, 109756.	2.6	5
25	Nuclear Magnetic Relaxation Mapping of Spin Relaxation in Electrically Stressed Glycerol. ACS Omega, 2020, 5, 22057-22070.	3.5	3
26	Impact of the Choice of Native T 1 in Pixelwise Myocardial Blood Flow Quantification. Journal of Magnetic Resonance Imaging, 2021, 53, 755-765.	3.4	0