Hermann KÃ¶rperich

List of Publications by Year
in descending order

48	1,638	331670 21	289244 40
papers	citations	h-index	g-index

51	51	51	1599
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Magnetic-Resonance-Imaging-Based Left Atrial Strain and Left Atrial Strain Rate as Diagnostic Parameters in Cardiac Amyloidosis. Journal of Clinical Medicine, 2022, 11, 3150.	2.4	6
2	Multi-parametric analyses to investigate dependencies of normal left atrial strain by cardiovascular magnetic resonance feature tracking. Scientific Reports, 2022, 12, .	3.3	3
3	Left Ventricular Non-Compaction Cardiomyopathy-Still More Questions than Answers. Journal of Clinical Medicine, 2022, 11, 4135.	2.4	10
4	Find Me If You Can: First Clinical Experience Using the Novel CARTOFINDER Algorithm in a Routine Workflow for Atrial Fibrillation Ablation. Journal of Clinical Medicine, 2021, 10, 2979.	2.4	10
5	The Desmin Mutation DES-c.735G>C Causes Severe Restrictive Cardiomyopathy by Inducing In-Frame Skipping of Exon-3. Biomedicines, 2021, 9, 1400.	3.2	11
6	Left-Ventricular Reference Myocardial Strain Assessed by Cardiovascular Magnetic Resonance Feature Tracking and fSENCâ€"Impact of Temporal Resolution and Cardiac Muscle Mass. Frontiers in Cardiovascular Medicine, 2021, 8, 764496.	2.4	13
7	Impact of different respiratory monitoring techniques on respiration-dependent stroke-volume measurements assessed by real-time magnetic resonance imaging. Zeitschrift Fur Medizinische Physik, 2019, 29, 349-358.	1.5	3
8	Left ventricular mass estimation by real-time 3D echocardiography favourably competes with CMR in congenital left ventricular disease. Scientific Reports, 2019, 9, 11888.	3.3	0
9	Left Atrial Volumes and Phasic Function in Healthy Children: Reference Values Using Real-Time Three-Dimensional Echocardiography. Journal of the American Society of Echocardiography, 2019, 32, 1036-1045.e9.	2.8	13
10	18F-FDG PET/CT-imaging of left ventricular assist device infection: a retrospective quantitative intrapatient analysis. Journal of Nuclear Cardiology, 2019, 26, 1212-1221.	2.1	25
11	Centile Curves for Velocity-Time Integral Times Heart Rate as a Function of Ventricular Length: TheÂUse of Minute Distance Is Advantageous toÂEnhance Clinical Reliability in Children. Journal of the American Society of Echocardiography, 2018, 31, 105-112.e2.	2.8	6
12	Validation and Reference Values for Three-Dimensional Echocardiographic RightÂVentricular Volumetry in Children: AÂMulticenter Study. Journal of the American Society of Echocardiography, 2018, 31, 1050-1063.	2.8	24
13	Differentiation of Impaired From Preserved Hemodynamics in Patients With Fontan Circulation Using Real-time Phase-velocity Cardiovascular Magnetic Resonance. Journal of Thoracic Imaging, 2017, 32, 159-168.	1.5	9
14	Multimodality Assessment of Left Ventricular Mass in Patients with Congenital Heart Disease: What Are the Differences?. Thoracic and Cardiovascular Surgeon, 2017, 65, S111-S142.	1.0	0
15	Classification of Fontan Hemodynamics by Respiration Using Real-Time Phase-Contrast Magnetic Resonance. Thoracic and Cardiovascular Surgeon, 2016, 64, .	1.0	0
16	Comprehensive Quantification of the Right Ventricle: Pediatric Reference Values from 0 to 18 Years. Thoracic and Cardiovascular Surgeon, 2016, 64, .	1.0	0
17	Impact of respiration on stroke volumes in paediatric controls and in patients after Fontan procedure assessed by MR real-time phase-velocity mapping. European Heart Journal Cardiovascular Imaging, 2015, 16, 198-209.	1.2	28
18	Calculation of Pediatric Left Ventricular Mass: Validation and Reference Values Using Real-Time Three-Dimensional Echocardiography. Journal of the American Society of Echocardiography, 2015, 28, 275-283.	2.8	14

#	Article	IF	Citations
19	4D-RV-Function 2â€"A Promising for Three Dimensional Echocardiographic Datasets in Children and Young Adults?. Thoracic and Cardiovascular Surgeon, 2015, 63, .	1.0	0
20	Can Normalization to Organ Size and Heart Rate Increase Clinical Utility in the Interpretation of Aortic and Pulmonary Velocity Time Integral in Children?. Thoracic and Cardiovascular Surgeon, 2015, 63, .	1.0	0
21	Cardiac MRI in Patients with Anorexia Nervosaâ€"Evaluation of Hemodynamic Status. Thoracic and Cardiovascular Surgeon, 2015, 63, .	1.0	0
22	Left ventricular rotation and rightâ€"left ventricular interaction in congenital heart disease: the acute effects of interventional closure of patent arterial ducts and atrial septal defects. Cardiology in the Young, 2014, 24, 661-674.	0.8	8
23	Evaluation of left ventricular torsion in children with hypertrophic cardiomyopathy. Cardiology in the Young, 2014, 24, 245-252.	0.8	9
24	Percentiles for left ventricular rotation: comparison of reference values to paediatric patients with pacemaker-induced dyssynchrony. European Heart Journal Cardiovascular Imaging, 2014, 15, 1101-1107.	1.2	2
25	Knowledge-Based Reconstruction of Right Ventricular Volumes Using Real-time Three-dimensional Echocardiographic as Well as Cardiac Magnetic Resonance Images: Comparison With a Cardiac Magnetic Resonance Standard. Journal of the American Society of Echocardiography, 2014, 27, 1087-1097.	2.8	28
26	Are peak velocities determined by 2D phase-contrast MRI comparable to those assessed by real-time phase-contrast MRI and pulse wave echocardiography?. Thoracic and Cardiovascular Surgeon, 2014, 62, .	1.0	0
27	Model versus non-model based left ventricular volumetry - A matter of imaging modality or quantification software?. Journal of Biomedical Graphics and Computing, 2013, 3, .	0.2	3
28	Autologous stem cell therapy in the treatment of limb ischaemia induced chronic tissue ulcers of diabetic foot patients. International Journal of Clinical Practice, 2012, 66, 384-393.	1.7	128
29	Reference values for atrial size and function in children and young adults by cardiac MR: A study of the german competence network congenital heart defects. Journal of Magnetic Resonance Imaging, 2011, 33, 1028-1039.	3.4	43
30	Impact of Gender and Age on Cardiovascular Function Late After Repair of Tetralogy of Fallot. Circulation: Cardiovascular Imaging, 2011, 4, 703-711.	2.6	59
31	Sex-Specific Pediatric Percentiles for Ventricular Size and Mass as Reference Values for Cardiac MRI. Circulation: Cardiovascular Imaging, 2010, 3, 65-76.	2.6	151
32	Left ventricular volumetry in healthy children and adolescents: comparison of two different real-time three-dimensional matrix transducers with cardiovascular magnetic resonance. European Journal of Echocardiography, 2010, 11, 138-148.	2.3	37
33	Coronary anomalies assessed by wholeâ€heart isotropic 3D magnetic resonance imaging for cardiac morphology in congenital heart disease. Journal of Magnetic Resonance Imaging, 2009, 29, 320-327.	3.4	50
34	Cardiovascular Magnetic Resonance Imaging for Intensive Care Infants: Safe and Effective?. Pediatric Cardiology, 2009, 30, 146-152.	1.3	25
35	Is Torsion a Suitable Echocardiographic Parameter to Detect Acute Changes in Left Ventricular Afterload in Children?. Journal of the American Society of Echocardiography, 2009, 22, 1121-1128.	2.8	34
36	Noninvasive Coronary Angiography Focusing on Calcification. Journal of Computer Assisted Tomography, 2009, 33, 179-185.	0.9	11

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37	Evaluation strategies for determination of left ventricular indices: Pros and Cons of model vs. non-model based quantification software. IFMBE Proceedings, 2009, , 603-606.	0.3	1
38	Atypical atrial septal defects in children: noninvasive evaluation by cardiac MRI. Pediatric Radiology, 2008, 38, 1188-1194.	2.0	21
39	Ultrafast Time-Resolved Contrast-Enhanced 3D Pulmonary Venous Cardiovascular Magnetic Resonance Angiography Using SENSE Combined with CENTRA-Keyhole. Journal of Cardiovascular Magnetic Resonance, 2007, 9, 77-87.	3.3	19
40	Wound therapy with autologous bone marrow stem cells in diabetic patients with ischaemia-induced tissue ulcers affecting the lower limbs. International Journal of Clinical Practice, 2007, 61, 690-694.	1.7	43
41	Three-dimensional, isotropic MRI: a unified approach to quantification and visualization in congenital heart disease. International Journal of Cardiovascular Imaging, 2005, 21, 283-292.	1.5	37
42	Blood Flow Quantification in Adults by Phase-Contrast MRI Combined with Sense - A Validation Study. Journal of Cardiovascular Magnetic Resonance, 2005, 7, 361-369.	3.3	38
43	Flow Volume and Shunt Quantification in Pediatric Congenital Heart Disease by Real-Time Magnetic Resonance Velocity Mapping. Circulation, 2004, 109, 1987-1993.	1.6	99
44	Operator-Independent Isotropic Three-Dimensional Magnetic Resonance Imaging for Morphology in Congenital Heart Disease. Circulation, 2004, 110, 163-169.	1.6	167
45	Rapid Left-to-Right Shunt Quantification in Children by Phase-Contrast Magnetic Resonance Imaging Combined With Sensitivity Encoding (SENSE). Circulation, 2003, 108, 1355-1361.	1.6	94
46	Atrial Septal Defects in Pediatric Patients: Noninvasive Sizing with Cardiovascular MR Imaging. Radiology, 2003, 228, 361-369.	7.3	52
47	Noninvasive Quantification of Left-to-Right Shunt in Pediatric Patients. Circulation, 2001, 103, 2476-2482.	1.6	284
48	MRI and MRS studies on the time course of rat brain lesions and the effect of drug treatment: Volume quantification and characterization of tissue heterogeneity by parameter selection. Magnetic Resonance in Medicine, 1993, 30, 174-182.	3.0	20