

Michael Steinmetz

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

642
citations

687363

13
h-index

610901

24
g-index

26
all docs

26
docs citations

26
times ranked

961
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantification of left atrial strain and strain rate using Cardiovascular Magnetic Resonance myocardial feature tracking: a feasibility study. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2014, 16, 60.	3.3	185
2	Exercise Stress Real-Time Cardiac Magnetic Resonance Imaging for Noninvasive Characterization of Heart Failure With Preserved Ejection Fraction. <i>Circulation</i> , 2021, 143, 1484-1498.	1.6	69
3	Inter-vendor reproducibility of left and right ventricular cardiovascular magnetic resonance myocardial feature-tracking. <i>PLoS ONE</i> , 2018, 13, e0193746.	2.5	47
4	Quantification of Left Ventricular Torsion and Diastolic Recoil Using Cardiovascular Magnetic Resonance Myocardial Feature Tracking. <i>PLoS ONE</i> , 2014, 9, e109164.	2.5	40
5	The Total Right/Left-Volume Index: A New and Simplified Cardiac Magnetic Resonance Measure to Evaluate the Severity of Ebstein Anomaly of the Tricuspid Valve. <i>Circulation: Cardiovascular Imaging</i> , 2014, 7, 601-609.	2.6	31
6	Abnormal right atrial performance in repaired tetralogy of Fallot: A CMR feature tracking analysis. <i>International Journal of Cardiology</i> , 2017, 248, 136-142.	1.7	31
7	Assessment of cardiovascular physiology using dobutamine stress cardiovascular magnetic resonance reveals impaired contractile reserve in patients with cirrhotic cardiomyopathy. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015, 17, 61.	3.3	29
8	Changes in expression levels of genes involved in fatty acid metabolism: upregulation of all three members of the PPAR family (α , β , γ) and the newly described adiponectin receptor 2, but not adiponectin receptor 1 during neonatal cardiac development of the rat. <i>Basic Research in Cardiology</i> , 2005, 100, 263-269.	5.9	27
9	Diagnosing ARVC in Pediatric Patients Applying the Revised Task Force Criteria: Importance of Imaging, 12-Lead ECG, and Genetics. <i>Pediatric Cardiology</i> , 2018, 39, 1156-1164.	1.3	22
10	Left ventricular synchrony, torsion, and recoil mechanics in Ebstein's anomaly: insights from cardiovascular magnetic resonance. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2017, 19, 101.	3.3	21
11	Atrio-ventricular deformation and heart failure in Ebstein's Anomaly – A cardiovascular magnetic resonance study. <i>International Journal of Cardiology</i> , 2018, 257, 54-61.	1.7	21
12	Quantification of left atrial volume and phasic function using cardiovascular magnetic resonance imaging – comparison of biplane area-length method and Simpson's method. <i>International Journal of Cardiovascular Imaging</i> , 2017, 33, 1761-1769.	1.5	20
13	Myocardial deformation assessed by longitudinal strain: Chamber specific normative data for CMR-feature tracking from the German competence network for congenital heart defects. <i>European Radiology</i> , 2018, 28, 1257-1266.	4.5	17
14	Catheter Ablation of Pediatric Focal Atrial Tachycardia: Ten-Year Experience Using Modern Mapping Systems. <i>Pediatric Cardiology</i> , 2016, 37, 459-464.	1.3	13
15	BNP and haematological parameters are markers of severity of Ebstein's anomaly: correlation with CMR and cardiopulmonary exercise testing. <i>European Heart Journal Cardiovascular Imaging</i> , 2015, 16, 670-5.	1.2	12
16	RT-CMR Imaging for Noninvasive Characterization of HFpEF. <i>JACC: Cardiovascular Imaging</i> , 2022, 15, 943-945.	5.3	12
17	Right Atrial Volume is Increased in Corrected Tetralogy of Fallot and Correlates with the Incidence of Supraventricular Arrhythmia: A CMR Study. <i>Pediatric Cardiology</i> , 2015, 36, 1239-1247.	1.3	11
18	Impaired Exercise Tolerance in Repaired Tetralogy of Fallot Is Associated With Impaired Biventricular Contractile Reserve: An Exercise-Stress Real-Time Cardiovascular Magnetic Resonance Study. <i>Circulation: Cardiovascular Imaging</i> , 2021, 14, e011823.	2.6	10

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19	Formation of multiple conduit aneurysms following Matrix PÅ® conduit implantation in a boy with tetralogy of Fallot and pulmonary atresia. <i>European Journal of Cardio-thoracic Surgery</i> , 2014, 46, 500-502.	1.4	8
20	Characterization of maturation of neuronal voltage-gated sodium channels SCN1A and SCN8A in rat myocardium. <i>Molecular and Cellular Pediatrics</i> , 2015, 2, 5.	1.8	6
21	Heart Transplantation in a Toddler with Cardiac Kawasaki Disease. <i>Frontiers in Surgery</i> , 2017, 4, 21.	1.4	3
22	Non-Invasive Imaging for Congenital Heart Disease â€“ Recent Progress in Cardiac MRI. <i>Journal of Clinical & Experimental Cardiology</i> , 2012, 01, .	0.0	3
23	Left Ventricular Pathology in Ebsteinâ€™s Anomalyâ€™ Myocardium in Motion. <i>Circulation: Cardiovascular Imaging</i> , 2021, 14, e012285.	2.6	2
24	Atrio-ventricular mechanics and heart failure in Ebstein's anomaly - a cardiac magnetic resonance study. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 18, O119.	3.3	1
25	Paediatric inflammatory multisystem syndrome â€“ temporally associated with SARS-CoV-2 (PIMS-TS) â€“ a German single centre real-life evaluation of the Swiss and UK consensus statements. <i>Cardiology in the Young</i> , 2022, , 1-5.	0.8	1
26	Biventricular mechanical support bridging to heart transplantation in children and infants: Results from a lowâ€™volume transplant center. <i>Pediatric Transplantation</i> , 2020, 24, e13661.	1.0	0