Vivek Muthurangu

List of Publications by Year
in descending order

131	5,151	87888	91884
papers	citations	38 h-index	69 g-index

141	141	141	4971
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Evaluation of Techniques for the Quantification of Myocardial Scar of Differing Etiology Using Cardiac Magnetic Resonance. JACC: Cardiovascular Imaging, 2011, 4, 150-156.	5.3	514
2	Percutaneous Pulmonary Valve Implantation in Humans. Circulation, 2005, 112, 1189-1197.	1.6	440
3	Percutaneous Pulmonary Valve Implantation. Circulation, 2008, 117, 1964-1972.	1.6	436
4	Cardiac catheterisation guided by MRI in children and adults with congenital heart disease. Lancet, The, 2003, 362, 1877-1882.	13.7	312
5	SCMR Position Paper (2020) on clinical indications for cardiovascular magnetic resonance. Journal of Cardiovascular Magnetic Resonance, 2020, 22, 76.	3.3	169
6	Novel Method of Quantifying Pulmonary Vascular Resistance by Use of Simultaneous Invasive Pressure Monitoring and Phase-Contrast Magnetic Resonance Flow. Circulation, 2004, 110, 826-834.	1.6	156
7	Realâ€time cardiovascular MR with spatioâ€temporal artifact suppression using deep learningâ€“proof of concept in congenital heart disease. Magnetic Resonance in Medicine, 2019, 81, 1143-1156.	3.0	146
8	Early Versus Late Functional Outcome After Successful Percutaneous Pulmonary Valve Implantation. Journal of the American College of Cardiology, 2011, 57, 724-731.	2.8	120
9	Cardiac Structural and Functional Consequences of Amyloid Deposition byÂCardiac Magnetic Resonance andÂEchocardiography and TheirÂPrognosticÂRoles. JACC: Cardiovascular Imaging, 2019, 12, 823-833.	5.3	113
10	Prognostic Significance of Cardiac Magnetic Resonance Imaging in Children With Pulmonary Hypertension. Circulation: Cardiovascular Imaging, 2013, 6, 407-414.	2.6	100
11	Improvement in left ventricular filling properties after relief of right ventricle to pulmonary artery conduit obstruction: contribution of septal motion and interventricular mechanical delay. European Heart Journal, 2009, 30, 2266-2274.	2.2	95
12	Executive summary. Expert consensus statement on the diagnosis and treatment of paediatric pulmonary hypertension. The European Paediatric Pulmonary Vascular Disease Network, endorsed by ISHLT and DGPK. Heart, 2016, 102, ii86-ii100.	2.9	89
13	Cardiac Magnetic Resonance Imaging After Stage I Norwood Operation for Hypoplastic Left Heart Syndrome. Circulation, 2005, 112, 3256-3263.	1.6	83
14	Real-time Assessment of Right and Left Ventricular Volumes and Function in Patients with Congenital Heart Disease by Using High Spatiotemporal Resolution Radial k-t SENSE. Radiology, 2008, 248, 782-791.	7.3	81
15	Prediction of Sarcomere Mutations in Subclinical Hypertrophic Cardiomyopathy. Circulation: Cardiovascular Imaging, 2014, 7, 863-871.	2.6	80
16	Measurement of total pulmonary arterial compliance using invasive pressure monitoring and MR flow quantification during MR-guided cardiac catheterization. American Journal of Physiology - Heart and Circulatory Physiology, 2005, 289, H1301-H1306.	3.2	77
17	Abnormal Cardiac Formation in Hypertrophic Cardiomyopathy. Circulation: Cardiovascular Genetics, 2014, 7, 241-248.	5.1	74
18	Impact of Pulmonary Valve Replacement in Tetralogy of Fallot With Pulmonary Regurgitation: A Comparison of Intervention and Nonintervention. Annals of Thoracic Surgery, 2012, 94, 1619-1626.	1.3	71

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19	Abnormal Wave Reflections and Left Ventricular Hypertrophy Late After Coarctation of the Aorta Repair. Hypertension, 2017, 69, 501-509.	2.7	69
20	Noninvasive pulmonary artery wave intensity analysis in pulmonary hypertension. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 308, H1603-H1611.	3.2	60
21	Systemic to pulmonary collateral blood flow influences early outcomes following the total cavopulmonary connection. Heart, 2012, 98, 934-940.	2.9	59
22	Adiposity Is Associated with Blunted Cardiovascular, Neuroendocrine and Cognitive Responses to Acute Mental Stress. PLoS ONE, 2012, 7, e39143.	2.5	59
23	Effect of Altering Pathologic Right Ventricular Loading Conditions by Percutaneous Pulmonary Valve Implantation on Exercise Capacity. American Journal of Cardiology, 2010, 105, 721-726.	1.6	58
24	Comparison of Bare Metal Stenting and Percutaneous Pulmonary Valve Implantation for Treatment of Right Ventricular Outflow Tract Obstruction. Circulation, 2009, 119, 2995-3001.	1.6	56
25	Feasibility and reproducibility of biventricular volumetric assessment of cardiac function during exercise using realâ€time radial kâ€t SENSE magnetic resonance imaging. Journal of Magnetic Resonance Imaging, 2009, 29, 1062-1070.	3.4	56
26	Three-dimensional magnetic resonance imaging of congenital cardiac anomalies. Cardiology in the Young, 2003, 13, 461-465.	0.8	55
27	Assessing the Causal Role of Body Mass Index on Cardiovascular Health in Young Adults. Circulation, 2018, 138, 2187-2201.	1.6	55
28	Visualization and tracking of an inflatable balloon catheter using SSFP in a flow phantom and in the heart and great vessels of patients. Magnetic Resonance in Medicine, 2004, 51, 988-995.	3.0	54
29	Accuracy and Reproducibility of Right Ventricular Quantification in Patients with Pressure and Volume Overload Using Single-Beat Three-Dimensional Echocardiography. Journal of the American Society of Echocardiography, 2015, 28, 363-374.	2.8	53
30	Fractal Analysis of Myocardial Trabeculations in 2547 Study Participants: Multi-Ethnic Study of Atherosclerosis. Radiology, 2015, 277, 707-715.	7.3	50
31	Rapid Flow Assessment of Congenital Heart Disease with High-Spatiotemporal-Resolution Gated Spiral Phase-Contrast MR Imaging. Radiology, 2011, 260, 79-87.	7.3	49
32	Assessing vascular response to exercise using a combination of realâ€time spiral phase contrast MR and noninvasive blood pressure measurements. Journal of Magnetic Resonance Imaging, 2010, 31, 997-1003.	3.4	47
33	Real-time assessment of right and left ventricular volumes and function in children using high spatiotemporal resolution spiral bSSFP with compressed sensing. Journal of Cardiovascular Magnetic Resonance, 2018, 20, 79.	3.3	46
34	Impact of reduction in right ventricular pressure and/or volume overload by percutaneous pulmonary valve implantation on biventricular response to exercise: an exercise stress real-time CMR study. European Heart Journal, 2012, 33, 2434-2441.	2.2	45
35	A non-invasive clinical application of wave intensity analysis based on ultrahigh temporal resolution phase-contrast cardiovascular magnetic resonance. Journal of Cardiovascular Magnetic Resonance, 2012, 14, 65.	3.3	45
36	Automatic segmentation propagation of the aorta in realâ€time phase contrast MRI using nonrigid registration. Journal of Magnetic Resonance Imaging, 2011, 33, 232-238.	3.4	43

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37	Determinants of Intima-Media ThicknessÂin the Young. JACC: Cardiovascular Imaging, 2021, 14, 468-478.	5.3	43
38	Real-Time Magnetic Resonance Assessment of Septal Curvature Accurately Tracks Acute Hemodynamic Changes in Pediatric Pulmonary Hypertension. Circulation: Cardiovascular Imaging, 2014, 7, 706-713.	2.6	40
39	Long-term importance of right ventricular outflow tract patch function in patients with pulmonary regurgitation. Journal of Thoracic and Cardiovascular Surgery, 2012, 143, 1103-1107.	0.8	39
40	Cardiac MR and CT imaging in children with suspected or confirmed pulmonary hypertension/pulmonary hypertensive vascular disease. Expert consensus statement on the diagnosis and treatment of paediatric pulmonary hypertension. The European Paediatric Pulmonary Vascular Disease Network, endorsed by ISHLT and DGPK. Heart, 2016, 102, ii30-ii35.	2.9	39
41	Rapid whole-heart CMR with single volume super-resolution. Journal of Cardiovascular Magnetic Resonance, 2020, 22, 56.	3.3	39
42	Left ventricular diastolic dysfunction in pulmonary hypertension predicts functional capacity and clinical worsening: a tissue phase mapping study. Journal of Cardiovascular Magnetic Resonance, 2015, 17, 116.	3.3	38
43	MRI May Be Sufficient for Noninvasive Assessment of Great Vessel Stents: An In Vitro Comparison of MRI, CT, and Conventional Angiography. American Journal of Roentgenology, 2010, 195, 865-871.	2.2	36
44	Glycoprotein Acetyls: A Novel Inflammatory Biomarker of Early Cardiovascular Risk in the Young. Journal of the American Heart Association, 2022, 11, e024380.	3.7	35
45	Detection and Grading of Coronary Allograft Vasculopathy in Children With Contrast-Enhanced Magnetic Resonance Imaging of the Coronary Vessel Wall. Circulation: Cardiovascular Imaging, 2013, 6, 91-98.	2.6	34
46	Magnetic Resonanceâ€“Augmented Cardiopulmonary Exercise Testing. Circulation: Cardiovascular Imaging, 2016, 9, .	2.6	31
47	Machine learning in Magnetic Resonance Imaging: Image reconstruction. Physica Medica, 2021, 83, 79-87.	0.7	29
48	Detailed assessment of the hemodynamic response to psychosocial stress using realâ€time MRI. Journal of Magnetic Resonance Imaging, 2011, 33, 448-454.	3.4	28
49	Cardiovascular magnetic resonance-guided right heart catheterization in a conventional CMR environment â€“ predictors of procedure success and duration in pulmonary artery hypertension. Journal of Cardiovascular Magnetic Resonance, 2019, 21, 57.	3.3	28
50	Development and validation of a novel method to derive central aortic systolic pressure from the MR aortic distension curve. Journal of Magnetic Resonance Imaging, 2014, 40, 1064-1070.	3.4	25
51	Realâ€time flow with fast GPU reconstruction for continuous assessment of cardiac output. Journal of Magnetic Resonance Imaging, 2012, 36, 1477-1482.	3.4	21
52	Free breathing contrast-enhanced time-resolved magnetic resonance angiography in pediatric and adult congenital heart disease. Journal of Cardiovascular Magnetic Resonance, 2015, 17, 38.	3.3	21
53	MR augmented cardiopulmonary exercise testingâ€”a novel approach to assessing cardiovascular function. Physiological Measurement, 2015, 36, N85-N94.	2.1	21
54	Differential impact of local stiffening and narrowing on hemodynamics in repaired aortic coarctation: an FSI study. Medical and Biological Engineering and Computing, 2016, 54, 497-510.	2.8	21

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55	Selfâ€navigated tissue phase mapping using a goldenâ€angle spiral acquisitionâ€”proof of concept in patients with pulmonary hypertension. Magnetic Resonance in Medicine, 2014, 71, 145-155.	3.0	20
56	Patient-specific computational models to support interventional procedures: a case study of complex aortic re-coarctation. EuroIntervention, 2015, 11, 669-672.	3.2	20
57	Mechanisms of maintained exercise capacity in adults with repaired tetralogy of Fallot. International Journal of Cardiology, 2014, 177, 178-181.	1.7	17
58	Accuracy and Test-Retest Reproducibility ofÂTwo-Dimensional Knowledge-Based Volumetric Reconstruction of the Right Ventricle in Pulmonary Hypertension. Journal of the American Society of Echocardiography, 2015, 28, 989-998.	2.8	17
59	Overnight auto-adjusting continuous airway pressureâ€‰+â€‰standard care compared with standard care alone in the prevention of morbidity in sickle cell disease phase II (POMS2b): study protocol for a randomised controlled trial. Trials, 2018, 19, 55.	1.6	17
60	Comprehensive assessment of the global and regional vascular responses to food ingestion in humans using novel rapid MRI. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2016, 310, R541-R545.	1.8	16
61	The aorta after coarctation repair â€“ effects of calibre and curvature on arterial haemodynamics. Journal of Cardiovascular Magnetic Resonance, 2019, 21, 22.	3.3	16
62	Realâ€time deep artifact suppression using recurrent Uâ€Nets for lowâ€latency cardiac MRI. Magnetic Resonance in Medicine, 2021, 86, 1904-1916.	3.0	16
63	Cardiac magnetic resonance assessment of central and peripheral vascular function in patients undergoing renal sympathetic denervation as predictor for blood pressure response. Clinical Research in Cardiology, 2018, 107, 945-955.	3.3	15
64	Perturbed spiral realâ€time phaseâ€contrast MR with compressive sensing reconstruction for assessment of flow in children. Magnetic Resonance in Medicine, 2020, 83, 2077-2091.	3.0	15
65	Ongoing Exercise Intolerance Following COVIDâ€19: A Magnetic Resonanceâ€“Augmented Cardiopulmonary Exercise Test Study. Journal of the American Heart Association, 2022, 11, e024207.	3.7	15
66	Interactive MR Imaging and Tracking of Catheters with Multiple Tuned Fiducial Markers. Journal of Vascular and Interventional Radiology, 2006, 17, 1175-1179.	0.5	14
67	Society for Cardiovascular Magnetic Resonance/European Society of Cardiovascular Imaging/American Society of Echocardiography/Society for Pediatric Radiology/North American Society for Cardiovascular Imaging Guidelines for the use of cardiovascular magnetic resonance in pediatric congenital and acquired heart disease. Journal of Cardiovascular Magnetic Resonance, 2022, 24, .	3.3	14
68	Lessons from inter-stage cardiac magnetic resonance imaging in predicting survival for patients with hypoplastic left heart syndrome. Cardiology in the Young, 2011, 21, 646-653.	0.8	13
69	Physiological adaptations to chronic stress in healthy humans â€“ why might the sexes have evolved different energy utilisation strategies?. Journal of Physiology, 2016, 594, 4297-4307.	2.9	13
70	Society for Cardiovascular Magnetic Resonance/European Society of Cardiovascular Imaging/American Society of Echocardiography/Society for Pediatric Radiology/North American Society for Cardiovascular Imaging Guidelines for the Use of Cardiac Magnetic Resonance in Pediatric Congenital and Acquired Heart Disease: Endorsed by The American Heart Association. Circulation: Cardiovascular Imaging, 2022, 15, .	2.6	12
71	Assessment of cardiac time intervals using high temporal resolution realâ€time spiral phase contrast with UNFOLDedâ€SENSE. Magnetic Resonance in Medicine, 2015, 73, 749-756.	3.0	11
72	Reducing Contrast Agent Dose in Cardiovascular <scp>MR</scp> Angiography with Deep Learning. Journal of Magnetic Resonance Imaging, 2021, 54, 795-805.	3.4	11

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73	Splitâ€acquisition realâ€time CINE phaseâ€contrast MR flow measurements. Magnetic Resonance in Medicine, 2010, 64, 1664-1670.	3.0	10
74	Isometric stress in cardiovascular magnetic resonanceâ€”a simple and easily replicable method of assessing cardiovascular differences not apparent at rest. European Radiology, 2016, 26, 1009-1017.	4.5	10
75	Aberrant developmental titin splicing and dysregulated sarcomere length in Thymosin Î²4 knockout mice. Journal of Molecular and Cellular Cardiology, 2017, 102, 94-107.	1.9	10
76	Utility of Cardiovascular Magnetic Resonance-Derived Wave Intensity Analysis As a Marker of Ventricular Function in Children with Heart Failure and Normal Ejection Fraction. Frontiers in Pediatrics, 2017, 5, 65.	1.9	10
77	Long term clinical outcomes associated with CMR quantified isolated left ventricular non-compaction in adults. International Journal of Cardiology, 2021, 328, 235-240.	1.7	10
78	Echocardiographic arterial measurements in complex congenital diseases before bidirectional Glenn: comparison with cardiovascular magnetic resonance imaging. European Heart Journal Cardiovascular Imaging, 2017, 18, jew069.	1.2	8
79	MRI as a tool for non-invasive vascular profiling: a pilot study in patients with aortic coarctation. Expert Review of Medical Devices, 2016, 13, 103-112.	2.8	8
80	Cardiovascular CT imaging in congenital heart disease. Progress in Pediatric Cardiology, 2010, 28, 21-27.	0.4	7
81	The cardiovascular phenotype of childhood hypertension: a cardiac magnetic resonance study. Pediatric Radiology, 2019, 49, 727-736.	2.0	7
82	Highâ€resolution sliceâ€selective Fourier velocity encoding in congenital heart disease using spiral SENSE with velocity unwrap. Magnetic Resonance in Medicine, 2012, 67, 1538-1546.	3.0	6
83	Investigating the limitations of single breathâ€hold renal artery blood flow measurements using spiral phase contrast MR with Râ€R interval averaging. Journal of Magnetic Resonance Imaging, 2015, 41, 1143-1149.	3.4	6
84	A randomized study of autologous bone marrowâ€“derived stem cells in pediatric cardiomyopathy. Journal of Heart and Lung Transplantation, 2017, 36, 837-844.	0.6	6
85	Intraoperative anti-A/B immunoadsorption is associated with significantly reduced blood product utilization with similar outcomes in pediatric ABO-incompatible heart transplantation. Journal of Heart and Lung Transplantation, 2021, 40, 1433-1442.	0.6	6
86	Spontaneous improvement of severe right ventricular dysfunction in the setting of hypoplasia of the left heart. Cardiology in the Young, 2005, 15, 75-78.	0.8	5
87	Impact of predictive medicine on therapeutic decision making: a randomized controlled trial in congenital heart disease. Npj Digital Medicine, 2019, 2, 17.	10.9	5
88	Impact of valve morphology, hypertension and age on aortic wall properties in patients with coarctation: a two-centre cross-sectional study. BMJ Open, 2020, 10, e034853.	1.9	5
89	Cardiovascular Magnetic Resonance in Congenital Heart Disease. Heart Failure Clinics, 2021, 17, 157-165.	2.1	5
90	Cardiovascular magnetic resonance for the assessment of left ventricular filling pressure in heart failure. European Heart Journal, 2022, 43, 2523-2525.	2.2	5

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91	<scp>FReSCO</scp> : Flow Reconstruction and Segmentation for lowâ€latency Cardiac Output monitoring using deep artifact suppression and segmentation. Magnetic Resonance in Medicine, 0, , .	3.0	5
92	The Full Width Half Maximum technique is superior for LGE quantification regardless of its aetiology. Journal of Cardiovascular Magnetic Resonance, 2010, 12, .	3.3	4
93	A comprehensive characterization of myocardial and vascular phenotype in pediatric chronic kidney disease using cardiovascular magnetic resonance imaging. Journal of Cardiovascular Magnetic Resonance, 2018, 20, 24.	3.3	4
94	Postprandial Vascular Dysfunction Is Associated With Raised Blood Pressure and Adverse Left Ventricular Remodeling in Adolescent Adiposity. Circulation: Cardiovascular Imaging, 2019, 12, e009172.	2.6	4
95	Deep artifact suppression for spiral real-time phase contrast cardiac magnetic resonance imaging in congenital heart disease. Magnetic Resonance Imaging, 2021, 83, 125-132.	1.8	4
96	Reduced exercise capacity in patients with systemic sclerosis is associated with lower peak tissue oxygen extraction: a cardiovascular magnetic resonance-augmented cardiopulmonary exercise study. Journal of Cardiovascular Magnetic Resonance, 2021, 23, 118.	3.3	4
97	P6.14 THE EFFECT OF TEMPORAL RESOLUTION ON MR ASSESSMENT OF PULSE WAVE VELOCITY. Artery Research, 2013, 7, 157.	0.6	3
98	Novel magnetic resonance wave intensity analysis in pulmonary hypertension. Journal of Cardiovascular Magnetic Resonance, 2014, 16, P252.	3.3	3
99	Implementation of a generalized heterogeneous image reconstruction system for clinical magnetic resonance. Concurrency Computation Practice and Experience, 2015, 27, 1603-1611.	2.2	3
100	A preoperative estimate of central venous pressure is associated with early Fontan failure. Journal of Thoracic and Cardiovascular Surgery, 2021, 161, 1426-1434.	0.8	3
101	Cardiovascular MR imaging â€" Indications, techniques and protocols. Progress in Pediatric Cardiology, 2010, 28, 3-10.	0.4	2
102	Coronary Magnetic Resonance Angiography in Heterotopic Heart Transplant Recipient. Circulation, 2014, 129, 1453-1455.	1.6	2
103	Tissue phase mapping using breath-hold 4D PCMR. Journal of Cardiovascular Magnetic Resonance, 2014, 16, W30.	3.3	2
104	126â€…Advanced Assessment of Cardiac Morphology and Prediction of Gene Carriage by CMR in Hypertrophic Cardiomyopathy - The HCMNET/UCL Collaboration. Heart, 2014, 100, A72-A73.	2.9	2
105	Rapid breathâ€hold assessment of myocardial velocities using spiral UNFOLDâ€ed SENSE tissue phase mapping. Journal of Magnetic Resonance Imaging, 2016, 44, 1003-1009.	3.4	2
106	Golden ratio stack of spirals for flexible angiographic imaging: Proof of concept in congenital heart disease. Magnetic Resonance in Medicine, 2019, 81, 90-101.	3.0	2
107	Right Ventricular Strain. JACC: Cardiovascular Imaging, 2019, 12, 2165-2167.	5.3	2
108	Rapid 3D whole-heart cine imaging using golden ratio stack of spirals. Magnetic Resonance Imaging, 2020, 72, 1-7.	1.8	2

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109	Right Ventricular Longitudinal Strain. JACC: Cardiovascular Imaging, 2021, 14, 1569-1570.	5.3	2
110	389 Detection and Grading of Coronary Allograft Vasculopathy in Children Using Late Gadolinium Enhancement MRI. Journal of Heart and Lung Transplantation, 2011, 30, S133-S134.	0.6	1
111	Analysis of the septal curvature with CMR in the paediatric population with pulmonary hypertension is a useful tool. Journal of Cardiovascular Magnetic Resonance, 2012, 14, .	3.3	1
112	MR-Augmented Cardiopulmonary Exercise Testing- a proof of concept in Sickle Cell Disease (SCD). Journal of Cardiovascular Magnetic Resonance, 2016, 18, O69.	3.3	1
113	Avoidable costs of stenting for aortic coarctation in the United Kingdom: an economic model. BMC Health Services Research, 2017, 17, 258.	2.2	1
114	Can Abbreviated Cardiac Magnetic Resonance Imaging Adequately Support Clinical Decision Making After Repair of Tetralogy of Fallot?. Pediatric Cardiology, 2019, 40, 616-622.	1.3	1
115	Implementation of a Heterogeneous Image Reconstruction System for Clinical Magnetic Resonance. Lecture Notes in Computer Science, 2014, , 469-479.	1.3	1
116	Assessing the hemodynamic response to exercise - a novel MR approach. Journal of Cardiovascular Magnetic Resonance, 2010, 12, .	3.3	0
117	Isometric exercise in cardiac magnetic resonance imaging: an initial experience using fast imaging. Journal of Cardiovascular Magnetic Resonance, 2011, 13, .	3.3	0
118	Myocardial velocity mapping for the right ventricle in pulmonary arterial hypertension using a novel image-based respiratory self-navigation from a golden-angle spiral acquisition. Journal of Cardiovascular Magnetic Resonance, 2013, 15, P43.	3.3	0
119	Abnormal systolic and diastolic LV motion by novel tissue phase mapping accounts for functional capacity in pulmonary hypertension. Journal of Cardiovascular Magnetic Resonance, 2014, 16, P253.	3.3	0
120	Real time magnetic resonance assessment of septal curvature accurately tracks acute hemodynamic changes in pediatric pulmonary hypertension. Journal of Cardiovascular Magnetic Resonance, 2014, 16, O74.	3.3	0
121	Cardiac MR-derived indices are stronger predictors of resource use and risk than jugular venous pressure, in paediatric patients with functionally single ventricles, prior to completion of total cavopulmonary connection (TCPC). Journal of Cardiovascular Magnetic Resonance, 2015, 17, O56.	3.3	0
122	Free breathing contrast-enhanced time-resolved magnetic resonance angiography in congenital heart disease. Journal of Cardiovascular Magnetic Resonance, 2015, 17, O65.	3.3	0
123	Characterisation of anthracycline cardiotoxicity in long-term childhood cancer survivors using conventional and novel CMR techniques: probing the pathology. Journal of Cardiovascular Magnetic Resonance, 2015, 17, P260.	3.3	0
124	MR augmented cardiopulmonary exercise testing - a novel method of assessing cardiovascular function. Journal of Cardiovascular Magnetic Resonance, 2015, 17, Q2.	3.3	0
125	High throughput cardiac imaging in awake young children: Tips and Tricks. Journal of Cardiovascular Magnetic Resonance, 2015, 17, .	3.3	0
126	Reply to: â€œLetter to the editor: Comparing pace and speed in the pulmonary circulation?â€• American Journal of Physiology - Heart and Circulatory Physiology, 2016, 310, H950-H950.	3.2	0

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127	Comprehensive cardiovascular assessment of children with chronic kidney disease using exercise cardiac magnetic resonance imaging. Journal of Cardiovascular Magnetic Resonance, 2016, 18, P157.	3.3	0
128	An Unwelcome Embrace. Circulation: Cardiovascular Imaging, 2017, 10, .	2.6	0
129	Pediatric and Congenital Heart Disease. , 2018, , 385-397.		0
130	Letter by Quail and Muthurangu Regarding Article, â€œDoppler-Derived Arterial Load Indices Better Reflect Left Ventricular Afterload Than Systolic Blood Pressure in Coarctation of Aortaâ€. Circulation: Cardiovascular Imaging, 2020, 13, e010643.	2.6	0
131	A Novel, Fast and Semi-Automatic Method to Implement Wave Intensity Analysis for Magnetic Resonance Imaging. , 2012, , .		0