

Arno A W Roest

List of Publications by Year in descending order

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150
papers

3,445
citations

159585

30
h-index

168389

53
g-index

157
all docs

157
docs citations

157
times ranked

3272
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of breathing on venous return during delayed cord clamping: an observational study. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2022, 107, 65-69.	2.8	6
2	Extracardiac conduit adequacy along the respiratory cycle in adolescent Fontan patients. European Journal of Cardio-thoracic Surgery, 2022, 62, .	1.4	7
3	Value of Global Longitudinal Strain for Identification and Monitoring of Left Ventricular Dysfunction in Becker Muscular Dystrophy. American Journal of Cardiology, 2022, 162, 170-176.	1.6	2
4	Associations of maternal angiogenic factors during pregnancy with alterations in cardiac development in childhood at 10 years of age. American Heart Journal, 2022, 247, 100-111.	2.7	2
5	Case report of the broad spectrum of late complications in an adult patient with univentricular physiology palliated by the Fontan circulation. European Heart Journal - Case Reports, 2022, 6, ytac067.	0.6	3
6	4D flow cardiovascular magnetic resonance derived energetics in the Fontan circulation correlate with exercise capacity and CMR-derived liver fibrosis/congestion. Journal of Cardiovascular Magnetic Resonance, 2022, 24, 21.	3.3	14
7	Changes in structural brain development after selective fetal growth restriction in monozygotic twins. Ultrasound in Obstetrics and Gynecology, 2022, 59, 747-755.	1.7	4
8	Associations between blood biomarkers, cardiac function and adverse outcome in a young tetralogy of Fallot cohort. International Journal of Cardiology, 2022, , .	1.7	3
9	Pericardial adipose tissue, cardiac structures, and cardiovascular risk factors in school-age children. European Heart Journal Cardiovascular Imaging, 2021, 22, 307-313.	1.2	7
10	Reproducibility of Aorta Segmentation on <sc>4D</sc> Flow <sc>MRI</sc> in Healthy Volunteers. Journal of Magnetic Resonance Imaging, 2021, 53, 1268-1279.	3.4	22
11	Ethnic differences in childhood right and left cardiac structure and function assessed by cardiac magnetic resonance imaging. European Journal of Pediatrics, 2021, 180, 1257-1266.	2.7	0
12	Respiratory distress syndrome and bronchopulmonary dysplasia after fetal growth restriction: Lessons from a natural experiment in identical twins. EClinicalMedicine, 2021, 32, 100725.	7.1	20
13	Associations Between Blood Biomarkers, Cardiac Function, and Adverse Outcome in a Young Fontan Cohort. Journal of the American Heart Association, 2021, 10, e015022.	3.7	26
14	Reduced scan time and superior image quality with 3D flow MRI compared to 4D flow MRI for hemodynamic evaluation of the Fontan pathway. Scientific Reports, 2021, 11, 6507.	3.3	7
15	Non-uniform mixing of hepatic venous flow and inferior vena cava flow in the Fontan conduit. Journal of the Royal Society Interface, 2021, 18, 20201027.	3.4	6
16	Hemodynamic interplay of vorticity, viscous energy loss, and kinetic energy from 4D Flow MRI and link to cardiac function in healthy subjects and Fontan patients. American Journal of Physiology - Heart and Circulatory Physiology, 2021, 320, H1687-H1698.	3.2	6
17	Ductal Flow Ratio as Measure of Transition in Preterm Infants After Birth: A Pilot Study. Frontiers in Pediatrics, 2021, 9, 668744.	1.9	0
18	Imaging of Congenital Heart Disease: Expect the Unexpected. Radiology, 2021, 300, 174-175.	7.3	0

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19	The Influence of Respiration on Blood Flow in the Fontan Circulation: Insights for Imaging-Based Clinical Evaluation of the Total Cavopulmonary Connection. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 683849.	2.4	14
20	Segmental assessment of blood flow efficiency in the total cavopulmonary connection using four-dimensional flow magnetic resonance imaging: vortical flow is associated with increased viscous energy loss rate. <i>European Heart Journal Open</i> , 2021, 1, .	2.3	10
21	Hemodynamic Consequences of an Undersized Extracardiac Conduit in an Adult Fontan Patient Revealed by 4-Dimensional Flow Magnetic Resonance Imaging. <i>Circulation: Cardiovascular Imaging</i> , 2021, 14, e012612.	2.6	7
22	Pulmonary ductal coarctation: An entity associated with congenital heart defects involving the right ventricle outflow tract. <i>Journal of Cardiac Surgery</i> , 2021, 36, 4754-4755.	0.7	1
23	Wall shear stress in the thoracic aorta at rest and with dobutamine stress after arterial switch operation. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 59, 814-822.	1.4	2
24	Altered Ascending Aorta Hemodynamics in Patients After Arterial Switch Operation for Transposition of the Great Arteries. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 51, 1105-1116.	3.4	7
25	Fetal and infant growth patterns and left and right ventricular measures in childhood assessed by cardiac MRI. <i>European Journal of Preventive Cardiology</i> , 2020, 27, 63-74.	1.8	11
26	Thrombosis after umbilical venous catheterisation: prospective study with serial ultrasound. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2020, 105, 299-303.	2.8	24
27	Associations of Maternal Glycemia in the First Half of Pregnancy With Alterations in Cardiac Structure and Function in Childhood. <i>Diabetes Care</i> , 2020, 43, 2272-2280.	8.6	5
28	The Cardiovascular Stress Response as Early Life Marker of Cardiovascular Health: Applications in Population-Based Pediatric Studies—A Narrative Review. <i>Pediatric Cardiology</i> , 2020, 41, 1739-1755.	1.3	4
29	Editorial for “Evaluation of Cardiac Shunts With 4D Flow Cardiac Magnetic Resonance: Intra- and Interobserver Variability”, <i>Journal of Magnetic Resonance Imaging</i> , 2020, 52, 1064-1065.	3.4	0
30	Pulmonary ductal coarctation and left pulmonary artery interruption; pathology and role of neural crest and second heart field during development. <i>PLoS ONE</i> , 2020, 15, e0228478.	2.5	10
31	Body Fat Distribution, Overweight, and Cardiac Structures in School-Age Children: A Population-Based Cardiac Magnetic Resonance Imaging Study. <i>Journal of the American Heart Association</i> , 2020, 9, e014933.	3.7	14
32	The Ductus Arteriosus, a Vascular Outsider, in Relation to the Pulmonary Circulation. , 2020, , 227-233.		0
33	Disproportionate intraventricular viscous energy loss in Fontan patients: analysis by 4D flow MRI. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 323-333.	1.2	29
34	Third Trimester Fetal Cardiac Blood Flow and Cardiac Outcomes in School-Age Children Assessed By Magnetic Resonance Imaging. <i>Journal of the American Heart Association</i> , 2019, 8, e012821.	3.7	7
35	The effects of age at correction of aortic coarctation and recurrent obstruction on adolescent patients: MRI evaluation of wall shear stress and pulse wave velocity. <i>European Radiology Experimental</i> , 2019, 3, 24.	3.4	5
36	Stress increases intracardiac 4D flow cardiovascular magnetic resonance -derived energetics and vorticity and relates to VO2max in Fontan patients. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2019, 21, 43.	3.3	18

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37	<i>TwinLIFE</i> : The <i>TwinLife</i> longitudinal investigation of fetal Discordance. <i>Twin Research and Human Genetics</i> , 2019, 22, 617-622.	0.6	7
38	Late effects of pediatric hematopoietic stem cell transplantation on left ventricular function, aortic stiffness and myocardial tissue characteristics. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2019, 21, 6.	3.3	7
39	Living the heart in three dimensions: applications of 3D printing in CHD. <i>Cardiology in the Young</i> , 2019, 29, 733-743.	0.8	24
40	Altered ascending aortic wall shear stress in patients with corrected atrioventricular septal defect: a comprehensive cardiovascular magnetic resonance and 4D flow MRI evaluation. <i>Cardiology in the Young</i> , 2019, 29, 637-642.	0.8	1
41	Anomalies of the Systemic and Pulmonary Veins. <i>Medical Radiology</i> , 2019, , 167-183.	0.1	0
42	Umbilical Vein Catheter Protruding Through a Pulmonary Vein in a Patient with an Infracardiac Type Total Abnormal Pulmonary Venous Drainage. <i>Pediatric Cardiology</i> , 2019, 40, 878-879.	1.3	2
43	Tornado-like flow in the Fontan circulation: insights from quantification and visualization of viscous energy loss rate using 4D flow MRI. <i>European Heart Journal</i> , 2019, 40, 2170-2170.	2.2	9
44	Four-dimensional flow magnetic resonance imaging-derived blood flow energetics of the inferior vena cava-to-extracardiac conduit junction in Fontan patients. <i>European Journal of Cardio-thoracic Surgery</i> , 2019, 55, 1202-1210.	1.4	15
45	Increased Blood Pressure and Body Mass Index as Potential Modifiable Factors in The Progression of Myocardial Dysfunction in Duchenne Muscular Dystrophy. <i>Journal of Neuromuscular Diseases</i> , 2019, 6, 65-73.	2.6	6
46	Inadvertent Migration of Umbilical Venous Catheters Often Leads to Malposition. <i>Neonatology</i> , 2019, 115, 205-210.	2.0	21
47	Automated Cardiac Valve Tracking for Flow Quantification with Four-dimensional Flow MRI. <i>Radiology</i> , 2019, 290, 70-78.	7.3	43
48	Risk of Clinically Relevant Pericardial Effusion After Pediatric Cardiac Surgery. <i>Pediatric Cardiology</i> , 2019, 40, 585-594.	1.3	15
49	Direct assessment of tricuspid regurgitation by 4D flow cardiovascular magnetic resonance in a patient with Ebstein's anomaly. <i>European Heart Journal Cardiovascular Imaging</i> , 2018, 19, 587-588.	1.2	5
50	Incidence and risk factors of post-operative arrhythmias and sudden cardiac death after atrioventricular septal defect (AVSD) correction: Up to 47 years of follow-up. <i>International Journal of Cardiology</i> , 2018, 252, 88-93.	1.7	19
51	A full-term healthy neonate with respiratory distress. <i>Cardiology in the Young</i> , 2018, 28, 500-501.	0.8	1
52	Scan-rescan reproducibility of diastolic left ventricular kinetic energy, viscous energy loss and vorticity assessment using 4D flow MRI: analysis in healthy subjects. <i>International Journal of Cardiovascular Imaging</i> , 2018, 34, 905-920.	1.5	23
53	In-scan and scan-rescan assessment of LV and outflow volumes by 4D flow MRI versus 2D planimetry. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 511-522.	3.4	33
54	Biventricular vortex ring formation corresponds to regions of highest intraventricular viscous energy loss in a Fontan patient: analysis by 4D Flow MRI. <i>International Journal of Cardiovascular Imaging</i> , 2018, 34, 441-442.	1.5	10

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55	Anomalies of the Systemic and Pulmonary Arteries. <i>Medical Radiology</i> , 2018, , 147-165.	0.1	0
56	Energetics of Blood Flow in Cardiovascular Disease. <i>Circulation</i> , 2018, 137, 2393-2407.	1.6	65
57	Scanâ€rescan reproducibility of segmental aortic wall shear stress as assessed by phase-specific segmentation with 4D flow MRI in healthy volunteers. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2018, 31, 653-663.	2.0	30
58	Regression and Complications of z-score-Based Giant Aneurysms in a Dutch Cohort of Kawasaki Disease Patients. <i>Pediatric Cardiology</i> , 2017, 38, 833-839.	1.3	12
59	Comparative Evaluation of Flow Quantification across the Atrioventricular Valve in Patients with Functional Univentricular Heart after Fontan's Surgery and Healthy Controls: Measurement by 4D Flow Magnetic Resonance Imaging and Streamline Visualization. <i>Congenital Heart Disease</i> , 2017, 12, 40-48.	0.2	15
60	Three-dimensional printed models for surgical planning of complex congenital heart defects: an international multicentre study. <i>European Journal of Cardio-thoracic Surgery</i> , 2017, 52, 1139-1148.	1.4	191
61	The effect of breathing on ductus arteriosus blood flow directly after birth. <i>European Journal of Pediatrics</i> , 2017, 176, 1581-1585.	2.7	2
62	Increased blood pressure and BMI in relation to cardiomyopathy in Duchenne muscular dystrophy. <i>Neuromuscular Disorders</i> , 2017, 27, S114.	0.6	0
63	Decreased cerebral perfusion in Duchenne muscular dystrophy patients. <i>Neuromuscular Disorders</i> , 2017, 27, 29-37.	0.6	28
64	Assessment of viscous energy loss and the association with threeâ€dimensional vortex ring formation in left ventricular inflow: In vivo evaluation using fourâ€dimensional flow MRI. <i>Magnetic Resonance in Medicine</i> , 2017, 77, 794-805.	3.0	92
65	Unravelling cardiovascular disease using four dimensional flow cardiovascular magnetic resonance. <i>International Journal of Cardiovascular Imaging</i> , 2017, 33, 1069-1081.	1.5	26
66	Four-dimensional flow cardiovascular magnetic resonance for the evaluation of the atrial baffle after Mustard repair. <i>European Heart Journal Cardiovascular Imaging</i> , 2016, 17, 353-353.	1.2	3
67	Ascending aortic wall shear stress and distensibility are different in patients with corrected atrioventricular septal defect compared to healthy controls: a comprehensive CMR and 4D flow MRI evaluation. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 18, P162.	3.3	0
68	Apical inflow is associated with increased energy loss during left ventricular diastole in patients with a repaired atrioventricular septal defect: a 4D flow MRI study. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 18, P24.	3.3	0
69	Atrioventricular septal defect: From embryonic development to long-term follow-up. <i>International Journal of Cardiology</i> , 2016, 202, 784-795.	1.7	67
70	How Normal Is a 'Normal' Heart in Fetuses and Infants with Down Syndrome?. <i>Fetal Diagnosis and Therapy</i> , 2016, 39, 13-20.	1.4	12
71	Altered aortic 3D hemodynamics and geometry in pediatric Marfan syndrome patients. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 19, 30.	3.3	38
72	Highâ€temporal velocityâ€encoded MRI for the assessment of left ventricular inflow propagation velocity: Comparison with color Mâ€mode echocardiography. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 42, 1297-1304.	3.4	2

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73	Disturbed Intracardiac Flow Organization After Atrioventricular Septal Defect Correction as Assessed With 4D Flow Magnetic Resonance Imaging and Quantitative Particle Tracing. <i>Investigative Radiology</i> , 2015, 50, 850-857.	6.2	13
74	Abnormal sinoatrial node development resulting from disturbed vascular endothelial growth factor signaling. <i>International Journal of Cardiology</i> , 2015, 183, 249-257.	1.7	5
75	Characterization and quantification of dynamic eccentric regurgitation of the left atrioventricular valve after atrioventricular septal defect correction with 4D Flow cardiovascular magnetic resonance and retrospective valve tracking. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015, 17, 18.	3.3	41
76	PP09.4 "2839: Reduced cerebral blood flow in Duchenne muscular dystrophy and related to the Dp140 isoform. <i>European Journal of Paediatric Neurology</i> , 2015, 19, S65-S66.	1.6	0
77	Disturbed diastolic left ventricular inflow vortex ring formation in patients with corrected atrioventricular septal defect: quantitative three-dimensional vortex core analysis from 4DFlow MRI. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015, 17, .	3.3	1
78	Elevated energy loss in diastolic left ventricular inflow corresponds to an increase in kinetic energy in patients with a repaired atrioventricular septal defect: Quantification from 4D Flow MRI. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015, 17, O6.	3.3	0
79	3D printed cardiovascular models for surgical planning in complex congenital heart diseases. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015, 17, .	3.3	18
80	Impact of disturbed diastolic vortex formation on viscous energy loss in the left ventricle: Quantitative 4D Flow MRI analysis of healthy controls and repaired atrioventricular septal defect patients. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015, 17, P24.	3.3	0
81	Disturbed left ventricular inflow and ejection pattern in corrected atrioventricular septal defect patients assessed by 4DFlow MRI and particle tracing. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015, 17, P59.	3.3	0
82	Vortex flow in the left atrium in healthy controls and patients with mitral valve regurgitation after atrioventricular septal defect correction: evaluation with 4D Flow MRI and particle tracing. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015, 17, Q123.	3.3	1
83	High-temporal velocity-encoded MRI for the assessment of left ventricular inflow propagation velocity: head-to-head comparison with Color M-mode echocardiography. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015, 17, .	3.3	0
84	Altered left ventricular vortex ring formation by 4-dimensional flow magnetic resonance imaging after repair of atrioventricular septal defects. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015, 150, 1233-1240.e1.	0.8	24
85	Pulse Oximetry Measures a Lower Heart Rate at Birth Compared with Electrocardiography. <i>Journal of Pediatrics</i> , 2015, 166, 49-53.	1.8	114
86	Current Practice of Cord Clamping in The Netherlands: A Questionnaire Study. <i>Neonatology</i> , 2015, 107, 50-55.	2.0	31
87	The Influence of Crying on the Ductus Arteriosus Shunt and Left Ventricular Output at Birth. <i>Neonatology</i> , 2015, 107, 108-112.	2.0	12
88	Umbilical blood flow patterns directly after birth before delayed cord clamping. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2015, 100, F121-F125.	2.8	92
89	Characterization and improved quantification of left ventricular inflow using streamline visualization with 4DFlow MRI in healthy controls and patients after atrioventricular septal defect correction. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 41, 1512-1520.	3.4	33
90	Echocardiographic Assessment of Embryonic and Fetal Mouse Heart Development: A Focus on Haemodynamics and Morphology. <i>Scientific World Journal</i> , The, 2014, 2014, 1-11.	2.1	9

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91	Non-invasive measurements of ductus arteriosus flow directly after birth. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2014, 99, F408-F412.	2.8	37
92	Noninvasive measurements of hemodynamic transition directly after birth. Pediatric Research, 2014, 75, 448-452.	2.3	55
93	Right Ventricular Wall-Motion Changes after Infant Open Heart Surgery-A Tissue Doppler Study. Echocardiography, 2014, 31, 548-548.	0.9	0
94	Cardiovascular Function and Flow by 4-Dimensional Magnetic Resonance Imaging Techniques. Journal of Thoracic Imaging, 2014, 29, 185-196.	1.5	28
95	Measuring Physiological Changes during the Transition to Life after Birth. Neonatology, 2014, 105, 230-242.	2.0	89
96	Helical flow pattern in the right pulmonary artery after Fontan palliation. European Heart Journal Cardiovascular Imaging, 2014, 15, 1183-1183.	1.2	4
97	Reply to the Editor. Journal of Thoracic and Cardiovascular Surgery, 2014, 147, 1436-1437.	0.8	0
98	The pathway of left ventricular blood flow in healthy subjects and patients with corrected atrio-ventricular septum defect: an observational study using 4DFlow MRI and particle tracing. Journal of Cardiovascular Magnetic Resonance, 2014, 16, P136.	3.3	0
99	Ventricular Performance After Surgery for a Congenital Heart Defect as Assessed Using Advanced Echocardiography: From Doppler Flow to 3D Echocardiography and Speckle-Tracking Strain Imaging. Pediatric Cardiology, 2014, 35, 3-15.	1.3	15
100	Three dimensional right ventricular diastolic vortex rings: characterization and comparison with left ventricular diastolic vortex rings from 4D flow MRI. Journal of Cardiovascular Magnetic Resonance, 2014, 16, P42.	3.3	7
101	Differences in pulmonary flow patterns between surgical and percutaneous implanted bovine valves to restore the right ventricle outflow tract continuity: a four dimensional flow magnetic resonance study. Journal of Cardiovascular Magnetic Resonance, 2014, 16, O44.	3.3	0
102	Vortex flow during early and late left ventricular filling in normal subjects: quantitative characterization using retrospectively-gated 4D flow cardiovascular magnetic resonance and three-dimensional vortex core analysis. Journal of Cardiovascular Magnetic Resonance, 2014, 16, 78.	3.3	118
103	Left and right ventricular performance after arterial switch operation. Journal of Thoracic and Cardiovascular Surgery, 2014, 147, 1561-1567.	0.8	28
104	PS-316â€¦Umbilical Blood Flow Patterns Directly After Birth Before Delayed Cord Clamping. Archives of Disease in Childhood, 2014, 99, A225.1-A225.	1.9	4
105	Tissue Doppler Imaging Detects Impaired Biventricular Performance Shortly After Congenital Heart Defect Surgery. Pediatric Cardiology, 2013, 34, 630-638.	1.3	22
106	Enhanced Characterization of Ventricular Performance After Coarctation Repair in Neonates and Young Children. Annals of Thoracic Surgery, 2013, 96, 629-636.	1.3	12
107	Impaired cardiac reserve in asymptomatic patients with moderate pulmonary restenosis late after relief of severe pulmonary stenosis: Evidence for diastolic dysfunction. International Journal of Cardiology, 2013, 167, 2836-2840.	1.7	8
108	Longitudinal follow-up of ventricular performance in healthy neonates. Early Human Development, 2013, 89, 993-997.	1.8	18

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109	Assessment of Intraventricular Time Differences in Healthy Children Using Two-Dimensional Speckle-Tracking Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2013, 26, 629-639.	2.8	42
110	Left and right ventricular performance after arterial switch operation in patients with transposition of the great arteries. <i>European Heart Journal</i> , 2013, 34, P2085-P2085.	2.2	0
111	Fetal echocardiography of a Vegf overexpression model shows impaired sino-atrial nodal function consistent with abnormal morphology. <i>European Heart Journal</i> , 2013, 34, P1445-P1445.	2.2	0
112	Volumetric Computed Tomography Angiography in the Evaluation of Mediastinal Fluid Collections following Congenital Cardiac Surgery. <i>Case Reports in Pediatrics</i> , 2013, 2013, 1-6.	0.4	0
113	Disparity in right vs left ventricular recovery during follow-up after ventricular septal defect correction in children. <i>European Journal of Cardio-thoracic Surgery</i> , 2013, 44, 269-274.	1.4	30
114	Reply to Koestenberger and Ravekes. <i>European Journal of Cardio-thoracic Surgery</i> , 2013, 44, 1159-1159.	1.4	1
115	Right Ventricular Outflow Tract Obstruction in Monochorionic Twins with Selective Intrauterine Growth Restriction. <i>Case Reports in Pediatrics</i> , 2012, 2012, 1-4.	0.4	6
116	Serum cortisol concentration with exploratory cut-off values do not predict the effects of hydrocortisone administration in children with low cardiac output after cardiac surgery. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2012, 15, 685-689.	1.1	16
117	Imaging of patients with congenital heart disease. <i>Nature Reviews Cardiology</i> , 2012, 9, 101-115.	13.7	26
118	Mild Residual Pulmonary Stenosis in Tetralogy of Fallot Reduces Risk of Pulmonary Valve Replacement. <i>Annals of Thoracic Surgery</i> , 2012, 94, 2077-2082.	1.3	33
119	Assessment of cardiac function in three mouse dystrophinopathies by magnetic resonance imaging. <i>Neuromuscular Disorders</i> , 2012, 22, 418-426.	0.6	19
120	Cardiac MRI in postoperative congenital heart disease patients. <i>Journal of Magnetic Resonance Imaging</i> , 2012, 36, 511-528.	3.4	19
121	Tissue-Velocity Magnetic Resonance Imaging and Tissue Doppler Imaging to Assess Regional Myocardial Diastolic Velocities at the Right Ventricle in Corrected Pediatric Tetralogy of Fallot Patients. <i>Investigative Radiology</i> , 2012, 47, 189-196.	6.2	6
122	Relation of Prolonged Tissue Doppler Imaging-Derived Atrial Conduction Time to Atrial Arrhythmia in Adult Patients With Congenital Heart Disease. <i>American Journal of Cardiology</i> , 2012, 109, 1792-1796.	1.6	12
123	Exercise capacity and cardiac reserve in children and adolescents with corrected pulmonary atresia with intact ventricular septum after univentricular palliation and biventricular repair. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2012, 143, 569-575.	0.8	22
124	Tissue Doppler imaging in the left ventricle and right ventricle in healthy children: normal age-related peak systolic velocities, timings, and time differences. <i>European Journal of Echocardiography</i> , 2011, 12, 953-960.	2.3	21
125	Real-Time Three-Dimensional Echocardiography: Segmental Analysis of the Right Ventricle in Patients with Repaired Tetralogy of Fallot. <i>Journal of the American Society of Echocardiography</i> , 2011, 24, 1183-1190.	2.8	35
126	Validation and application of tissue-velocity magnetic resonance imaging for the assessment of regional diastolic velocities and diastolic performance of the right ventricle in corrected tetralogy of Fallot patients. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2011, 13, .	3.3	0

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127	Corrected Tetralogy of Fallot: Comparison of Tissue Doppler Imaging and Velocity-encoded MR for Assessment of Performance and Temporal Activation of Right Ventricle. <i>Radiology</i> , 2011, 260, 88-97.	7.3	13
128	Relationship between temporal sequence of right ventricular deformation and right ventricular performance in patients with corrected tetralogy of Fallot. <i>Heart</i> , 2011, 97, 231-236.	2.9	23
129	Assessment of proximal right coronary artery and cardiac dimensions with low-dose volumetric computed tomographic angiography in a child. <i>Cardiology in the Young</i> , 2011, 21, 218-219.	0.8	1
130	Determinants of Outcome in Non-Septic Critically Ill Patients with Acute Kidney Injury on Continuous Venovenous Hemofiltration. <i>Nephron Extra</i> , 2011, 1, 91-100.	1.1	1
131	Cardiac resynchronization therapy in paediatric and congenital heart disease patients. <i>European Heart Journal</i> , 2011, 32, 2236-2246.	2.2	53
132	Management and Outcome in 32 Neonates with Thrombotic Events. <i>International Journal of Pediatrics (United Kingdom)</i> , 2011, 2011, 1-5.	0.8	31
133	Relation of Left Ventricular Twist and Global Strain with Right Ventricular Dysfunction in Patients After Operative "Correction" of Tetralogy of Fallot. <i>American Journal of Cardiology</i> , 2010, 106, 723-729.	1.6	53
134	Cardiovascular Magnetic Resonance of Simple Congenital Cardiovascular Defects. , 2010, , 395-407.		0
135	Tetralogy of Fallot: 3D Velocity-encoded MR Imaging for Evaluation of Right Ventricular Valve Flow and Diastolic Function in Patients after Correction. <i>Radiology</i> , 2010, 256, 724-734.	7.3	48
136	Ventricular response to stress predicts outcome in adult patients with a systemic right ventricle. <i>American Heart Journal</i> , 2010, 160, 870-876.	2.7	21
137	Intraatrial Repair of Transposition of the Great Arteries: Use of MR Imaging after Exercise to Evaluate Regional Systemic Right Ventricular Function. <i>Radiology</i> , 2005, 237, 861-867.	7.3	20
138	Disparity Between Dobutamine Stress and Physical Exercise Magnetic Resonance Imaging in Patients with an Intra-atrial Correction for Transposition of the Great Arteries. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2005, 7, 383-389.	3.3	46
139	Cardiovascular response to physical exercise in adult patients after atrial correction for transposition of the great arteries assessed with magnetic resonance imaging. <i>British Heart Journal</i> , 2004, 90, 678-684.	2.1	55
140	Tetralogy of Fallot: Postoperative Delayed Recovery of Left Ventricular Stroke Volume after Physical Exercise"Assessment with Fast MR Imaging. <i>Radiology</i> , 2003, 226, 278-284.	7.3	14
141	Magnetic Resonance Imaging to Assess the Hemodynamic Effects of Pulmonary Valve Replacement in Adults Late After Repair of Tetralogy of Fallot. <i>Circulation</i> , 2002, 106, 1703-1707.	1.6	337
142	Exercise MR Imaging in the Assessment of Pulmonary Regurgitation and Biventricular Function in Patients after Tetralogy of Fallot Repair. <i>Radiology</i> , 2002, 223, 204-211.	7.3	129
143	EKG predictors of ventricular arrhythmias and biventricular size and wall mass in tetralogy of Fallot with pulmonary regurgitation. <i>British Heart Journal</i> , 2002, 88, 515-519.	2.1	53
144	Biventricular response to supine physical exercise in young adults assessed with ultrafast magnetic resonance imaging. <i>American Journal of Cardiology</i> , 2001, 87, 601-605.	1.6	74

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145	Prolonged cardiac recovery from exercise in asymptomatic adults late after atrial correction of transposition of the great arteries: evaluation with magnetic resonance flow mapping. <i>American Journal of Cardiology</i> , 2001, 88, 1011-1017.	1.6	20
146	Pulmonary valve insertion late after repair of Fallot's tetralogy. <i>European Journal of Cardio-thoracic Surgery</i> , 2001, 19, 667-670.	1.4	72
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