

# Mike Tm Seed

## List of Publications by Year in descending order

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Version: 2024-02-01

156  
papers

3,646  
citations

117453

34  
h-index

182168

51  
g-index

159  
all docs

159  
docs citations

159  
times ranked

3220  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prenatal Diagnosis of Vascular Ring: Evaluation of Fetal Diagnosis and Postnatal Outcomes. <i>Journal of the American Society of Echocardiography</i> , 2022, 35, 312-321.	1.2	7
2	Impact of fetal haemodynamics on surgical and neurodevelopmental outcomes in patients with Ebstein anomaly and tricuspid valve dysplasia. <i>Cardiology in the Young</i> , 2022, 32, 1768-1779.	0.4	4
3	Prenatal Diagnosis and Management of Single-Ventricle Heart Disease. <i>Canadian Journal of Cardiology</i> , 2022, 38, 897-908.	0.8	6
4	In Utero Brain Growth Matters for Fetuses With Congenital Heart Disease. <i>Circulation</i> , 2022, 145, 1120-1122.	1.6	1
5	Noninvasive MR imaging techniques for measuring femoral arterial flow in a pediatric and adolescent cohort. <i>Physiological Reports</i> , 2022, 10, .	0.7	2
6	Fetal brain growth and risk of postnatal white matter injury in critical congenital heart disease. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 162, 1007-1014.e1.	0.4	24
7	Standardisation of management after Norwood operation has not improved 1-year outcomes. <i>Cardiology in the Young</i> , 2021, 31, 105-113.	0.4	3
8	Fetal Flow Quantification in Great Vessels Using Motion-Corrected Radial Phase Contrast MRI : Comparison With Cartesian. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 53, 540-551.	1.9	9
9	Brain perfusion imaging in neonates. <i>NeuroImage: Clinical</i> , 2021, 31, 102756.	1.4	9
10	Human Fetal Blood Flow Quantification with Magnetic Resonance Imaging and Motion Compensation. <i>Journal of Visualized Experiments</i> , 2021, , .	0.2	2
11	PPAR $\gamma$ activation in late gestation does not promote surfactant maturation in the fetal sheep lung. <i>Journal of Developmental Origins of Health and Disease</i> , 2021, 12, 963-974.	0.7	3
12	3D Modeling and Printing in Congenital Heart Surgery: Entering the Stage of Maturation. <i>Frontiers in Pediatrics</i> , 2021, 9, 621672.	0.9	46
13	Impact of resveratrol-mediated increase in uterine artery blood flow on fetal haemodynamics, blood pressure and oxygenation in sheep. <i>Experimental Physiology</i> , 2021, 106, 1166-1180.	0.9	6
14	Usefulness of T1-scout images in the assessment of late gadolinium enhancement in children. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021, 23, 28.	1.6	0
15	Update on fetal cardiovascular magnetic resonance and utility in congenital heart disease. <i>Journal of Congenital Cardiology</i> , 2021, 5, .	0.5	5
16	Achieving sustained extrauterine life: Challenges of an artificial placenta in fetal pigs as a model of the preterm human fetus. <i>Physiological Reports</i> , 2021, 9, e14742.	0.7	16
17	Myocardial Fibrosis in Pediatric Patients With Ebstein's Anomaly. <i>Circulation: Cardiovascular Imaging</i> , 2021, 14, e011136.	1.3	6
18	An MRI approach to assess placental function in healthy humans and sheep. <i>Journal of Physiology</i> , 2021, 599, 2573-2602.	1.3	16

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19	A Life-Course Approach to the Neurodevelopmental Trajectory of Congenital Heart Disease. <i>Circulation</i> , 2021, 143, 892-894.	1.6	3
20	Haemodynamics and cerebral oxygenation of neonatal piglets in the immediate <i>ex utero</i> period supported by mechanical ventilation or <i>ex utero</i> oxygenator. <i>Journal of Physiology</i> , 2021, 599, 2751-2761.	1.3	5
21	Cross Attention Squeeze Excitation Network (CASE-Net) for Whole Body Fetal MRI Segmentation. <i>Sensors</i> , 2021, 21, 4490.	2.1	7
22	The Many Faces of Neonatal Ductus Arteriosus Aneurysms: Multimodality Imaging with an Emphasis on CT and MRI Appearance. <i>Radiology: Cardiothoracic Imaging</i> , 2021, 3, e210017.	0.9	3
23	Maternal and Fetal Hemodynamic Adaptations to Pregnancy and Clinical Outcomes in Maternal Cardiac Disease. <i>Canadian Journal of Cardiology</i> , 2021, 37, 1942-1950.	0.8	5
24	Hemorrhagic transformation and stroke recurrence in children with cardiac disease receiving antithrombotic therapy for secondary stroke prevention. <i>Journal of Thrombosis and Haemostasis</i> , 2021, 19, 2428-2439.	1.9	5
25	Maternal hyperoxygenation in congenital heart disease. <i>Translational Pediatrics</i> , 2021, 10, 2197-2209.	0.5	19
26	Open or closed: Changes in ductus arteriosus flow patterns at birth using 4D flow MRI in newborn piglets. <i>Physiological Reports</i> , 2021, 9, e14999.	0.7	3
27	Fetal brain issues in congenital heart disease. <i>Translational Pediatrics</i> , 2021, 10, 2182-2196.	0.5	10
28	A mouse model of hypoplastic left heart syndrome demonstrating left heart hypoplasia and retrograde aortic arch flow. <i>DMM Disease Models and Mechanisms</i> , 2021, 14, .	1.2	13
29	Redox ratio in the left ventricle of the growth restricted fetus is positively correlated with cardiac output. <i>Journal of Biophotonics</i> , 2021, 14, e202100157.	1.1	9
30	Impact of maternal late gestation undernutrition on surfactant maturation, pulmonary blood flow and oxygen delivery measured by magnetic resonance imaging in the sheep fetus. <i>Journal of Physiology</i> , 2021, 599, 4705-4724.	1.3	4
31	Intrauterine growth restriction alters the activity of drug metabolising enzymes in the maternal-placental-fetal unit. <i>Life Sciences</i> , 2021, 285, 120016.	2.0	6
32	Adverse fibrosis remodeling and aortopulmonary collateral flow are associated with poor Fontan outcomes. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021, 23, 134.	1.6	9
33	MR imaging of the fetal heart. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 51, 1030-1044.	1.9	16
34	Motion robust respiratoryâ€resolved 3D radial flow MRI and its application in neonatal congenital heart disease. <i>Magnetic Resonance in Medicine</i> , 2020, 83, 535-548.	1.9	11
35	The utility of MRI for measuring hematocrit in fetal anemia. <i>American Journal of Obstetrics and Gynecology</i> , 2020, 222, 81.e1-81.e13.	0.7	19
36	Current and future role of fetal cardiovascular MRI in the setting of fetal cardiac interventions. <i>Prenatal Diagnosis</i> , 2020, 40, 71-83.	1.1	14

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37	Detecting metabolic differences in fetal and adult sheep adipose and skeletal muscle tissues. Journal of Biophotonics, 2020, 13, e201960085.	1.1	10
38	Fetal cardiovascular magnetic resonance imaging. Pediatric Radiology, 2020, 50, 1881-1894.	1.1	6
39	Systematic Approach to Malalignment Type Ventricular Septal Defects. Journal of the American Heart Association, 2020, 9, e018275.	1.6	6
40	Decreased Brain Volumes and Infants With Congenital Heart Disease Undergoing Venoarterial Extracorporeal Membrane Oxygenation. Pediatric Critical Care Medicine, 2020, 21, 738-745.	0.2	4
41	Normative Data for Myocardial Native T1 and Extracellular Volume Fraction in Children. Radiology: Cardiothoracic Imaging, 2020, 2, e190234.	0.9	12
42	Umbilical vein infusion of prostaglandin I <sub>2</sub> increases ductus venosus shunting of oxygen-rich blood but does not increase cerebral oxygen delivery in the fetal sheep. Journal of Physiology, 2020, 598, 4957-4967.	1.3	10
43	Normal human and sheep fetal vessel oxygen saturations by T2 magnetic resonance imaging. Journal of Physiology, 2020, 598, 3259-3281.	1.3	42
44	Technique for comprehensive fetal hepatic blood flow assessment in sheep using 4D flow MRI. Journal of Physiology, 2020, 598, 3555-3567.	1.3	9
45	Identification of Novel miRNAs Involved in Cardiac Repair Following Infarction in Fetal and Adolescent Sheep Hearts. Frontiers in Physiology, 2020, 11, 614.	1.3	5
46	Negative Impact of Obesity on Ventricular Size and Function and Exercise Performance in Children and Adolescents With Repaired Tetralogy of Fallot. Canadian Journal of Cardiology, 2020, 36, 1482-1490.	0.8	8
47	Low preoperative superior vena cava blood flow predicts bidirectional cavopulmonary shunt failure. Journal of Thoracic and Cardiovascular Surgery, 2020, 160, 1529-1540.e4.	0.4	19
48	Differential gene responses 3 days following infarction in the fetal and adolescent sheep heart. Physiological Genomics, 2020, 52, 143-159.	1.0	4
49	Fetal cardiovascular response to acute hypoxia during maternal anesthesia. Physiological Reports, 2020, 8, e14365.	0.7	10
50	Understanding Fetal Hemodynamics Using Cardiovascular Magnetic Resonance Imaging. Fetal Diagnosis and Therapy, 2020, 47, 354-362.	0.6	26
51	The Cardiac Genome Clinic: implementing genome sequencing in pediatric heart disease. Genetics in Medicine, 2020, 22, 1015-1024.	1.1	51
52	Gas Exchange across the Placenta. , 2020, , 34-56.		5
53	Feasibility of ventricular volumetry by cardiovascular MRI to assess cardiac function in the fetal sheep. Journal of Physiology, 2020, 598, 2557-2573.	1.3	16
54	Left ventricular remodelling in long-term survivors after the arterial switch operation for transposition of the great arteries. European Heart Journal Cardiovascular Imaging, 2019, 20, 101-107.	0.5	24

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55	Feasibility of phase-contrast cine magnetic resonance imaging for measuring blood flow in the sheep fetus. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2019, 317, R780-R792.	0.9	24
56	From Diagnoses to Ongoing Journey: Parent Experiences Following Congenital Heart Disease Diagnoses. <i>Journal of Pediatric Psychology</i> , 2019, 44, 924-936.	1.1	18
57	Increased extracellular volume in the liver of pediatric Fontan patients. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2019, 21, 39.	1.6	24
58	Uterine artery and umbilical vein blood flow are unaffected by moderate habitual physical activity during pregnancy. <i>Prenatal Diagnosis</i> , 2019, 39, 976-985.	1.1	10
59	Fetal Cerebral Consequences of Structural Heart Disease: Can These Be Ameliorated?. , 2019, , 157-165.		0
60	Subcutaneous maternal resveratrol treatment increases uterine artery blood flow in the pregnant ewe and increases fetal but not cardiac growth. <i>Journal of Physiology</i> , 2019, 597, 5063-5077.	1.3	23
61	Brain Injury in Infants with Critical Congenital Heart Disease: Insights from Two Clinical Cohorts with Different Practice Approaches. <i>Journal of Pediatrics</i> , 2019, 215, 75-82.e2.	0.9	36
62	Fetal hemodynamics and cardiac streaming assessed by 4D flow cardiovascular magnetic resonance in fetal sheep. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2019, 21, 8.	1.6	47
63	Associations Between Age at Arterial Switch Operation, Brain Growth, and Development in Infants With Transposition of the Great Arteries. <i>Circulation</i> , 2019, 139, 2728-2738.	1.6	65
64	Searching for modifiable risk factors for neurodevelopment in congenital heart disease: Lessons from the Giessen/Zurich hypoplastic left heart syndrome experience. <i>International Journal of Cardiology</i> , 2019, 291, 50-51.	0.8	1
65	Mapping versus source methods for quantifying myocardial T1 in controls and in repaired tetralogy of Fallot: interchangeability and reproducibility in children. <i>Pediatric Radiology</i> , 2019, 49, 1152-1162.	1.1	3
66	Fetal XCMR: a numerical phantom for fetal cardiovascular magnetic resonance imaging. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2019, 21, 29.	1.6	8
67	Anticoagulation therapy and the risk of perioperative brain injury in neonates with congenital heart disease. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, 2406-2413.e2.	0.4	8
68	Differential Response to Injury in Fetal and Adolescent Sheep Hearts in the Immediate Post-myocardial Infarction Period. <i>Frontiers in Physiology</i> , 2019, 10, 208.	1.3	17
69	Magnetic Resonance Imaging: A New Tool to Optimize the Prediction of Fetal Anemia?. <i>Fetal Diagnosis and Therapy</i> , 2019, 46, 257-265.	0.6	1
70	Fetal Cardiac MRI. <i>Topics in Magnetic Resonance Imaging</i> , 2019, 28, 235-244.	0.7	45
71	Dual phase infusion with bolus tracking: technical innovation for cardiac and respiratory navigated magnetic resonance angiography using extracellular contrast. <i>Pediatric Radiology</i> , 2019, 49, 399-406.	1.1	6
72	Improving Prenatal Diagnosis of Coarctation of the Aorta. <i>Canadian Journal of Cardiology</i> , 2019, 35, 453-461.	0.8	12

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73	Treatment of fetal circular shunt with nonsteroidal anti-inflammatory drugs. <i>Ultrasound in Obstetrics and Gynecology</i> , 2019, 53, 841-846.	0.9	34
74	Fetal brain sparing in a mouse model of chronic maternal hypoxia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 1172-1184.	2.4	17
75	Magnetic Resonance Imaging Assessment of Blood Flow Distribution in Fenestrated and Completed Fontan Circulation with Special Emphasis on Abdominal Blood Flow. <i>Korean Journal of Radiology</i> , 2019, 20, 1186.	1.5	10
76	Sutureless Versus Conventional Pulmonary Vein Repair: A Magnetic Resonance Pilot Study. <i>Annals of Thoracic Surgery</i> , 2018, 105, 1248-1254.	0.7	8
77	Disharmonious Patterns of Heterotaxy and Isomerism. <i>Circulation: Cardiovascular Imaging</i> , 2018, 11, e006917.	1.3	51
78	Undiluted Contrast Media in the Pulmonary Veins and Left Atrium After Cavopulmonary Connection. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 920-922.	2.3	0
79	Magnetic resonance imaging of cardiovascular thrombi in children. <i>Pediatric Radiology</i> , 2018, 48, 722-731.	1.1	2
80	Feto- and utero-placental vascular adaptations to chronic maternal hypoxia in the mouse. <i>Journal of Physiology</i> , 2018, 596, 3285-3297.	1.3	27
81	The Pediatric Heart Network Scholar Award programme: a unique mentored award embedded within a multicentre network. <i>Cardiology in the Young</i> , 2018, 28, 854-861.	0.4	3
82	Essential Modifiers of Double Outlet Right Ventricle. <i>Circulation: Cardiovascular Imaging</i> , 2018, 11, e006891.	1.3	44
83	Human umbilical cord blood relaxation times and susceptibility at 3 T. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 3194-3206.	1.9	26
84	Label-free imaging of redox status and collagen deposition showing metabolic differences in the heart. <i>Journal of Biophotonics</i> , 2018, 11, e201700242.	1.1	6
85	Preliminary Experience Using Motion Compensated CINE Magnetic Resonance Imaging to Visualise Fetal Congenital Heart Disease. <i>Circulation: Cardiovascular Imaging</i> , 2018, 11, e007745.	1.3	19
86	Multidimensional fetal flow imaging with cardiovascular magnetic resonance: a feasibility study. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2018, 20, 77.	1.6	27
87	Longitudinal Brain and Body Growth in Fetuses With and Without Transposition of the Great Arteries. <i>Circulation</i> , 2018, 138, 1368-1370.	1.6	18
88	Diffuse Myocardial Fibrosis in Children and Adolescents With Marfan Syndrome and Loeys-Dietz Syndrome. <i>Journal of the American College of Cardiology</i> , 2018, 72, 2279-2281.	1.2	19
89	The role of miRNA regulation in fetal cardiomyocytes, cardiac maturation and the risk of heart disease in adults. <i>Journal of Physiology</i> , 2018, 596, 5625-5640.	1.3	32
90	Response by Yoo et al to Letter Regarding Article, "Disharmonious Patterns of Heterotaxy and Isomerism: How Often Are the Classic Patterns Breached?". <i>Circulation: Cardiovascular Imaging</i> , 2018, 11, e007931.	1.3	1

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91	Myocardial Perfusion, Fibrosis, and Contractility in Children With Kawasaki Disease. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 1922-1924.	2.3	11
92	Understanding the mechanism for branch pulmonary artery stenosis after the arterial switch operation for transposition of the great arteries. <i>European Heart Journal Cardiovascular Imaging</i> , 2017, 18, 180-185.	0.5	39
93	Accelerated MRI of the fetal heart using compressed sensing and metric optimized gating. <i>Magnetic Resonance in Medicine</i> , 2017, 77, 2125-2135.	1.9	43
94	Relaxation properties of human umbilical cord blood at 1.5 Tesla. <i>Magnetic Resonance in Medicine</i> , 2017, 77, 1678-1690.	1.9	40
95	Noninvasive evaluation of blood oxygen saturation and hematocrit from $T_1$ and $T_2$ relaxation times: In vitro validation in fetal blood. <i>Magnetic Resonance in Medicine</i> , 2017, 78, 2352-2359.	1.9	48
96	Pediatric Fontan patients are at risk for myocardial fibrotic remodeling and dysfunction. <i>International Journal of Cardiology</i> , 2017, 240, 172-177.	0.8	44
97	A mouse model of antepartum stillbirth. <i>American Journal of Obstetrics and Gynecology</i> , 2017, 217, 443.e1-443.e11.	0.7	12
98	Splanchnic, Thoracoabdominal, and Cerebral Blood Flow Volumes in Healthy Children and Young Adults in Fasting and Postprandial States: Determining Reference Ranges by Using Phase-Contrast MR Imaging. <i>Radiology</i> , 2017, 285, 231-241.	3.6	14
99	Accelerated MRI of the fetal heart using compressed sensing and metric optimized gating. <i>Magnetic Resonance in Medicine</i> , 2017, 77, C1-C1.	1.9	0
100	Assessment of Diffuse Ventricular Myocardial Fibrosis Using Native T1 in Children With Repaired Tetralogy of Fallot. <i>Circulation: Cardiovascular Imaging</i> , 2017, 10, .	1.3	56
101	Magnetic resonance imaging reveals elevated aortic pulse wave velocity in obese and overweight adolescents. <i>Clinical Obesity</i> , 2017, 7, 360-367.	1.1	10
102	In Utero Brain Development in Fetuses With Congenital Heart Disease. <i>Circulation: Cardiovascular Imaging</i> , 2017, 10, e007181.	1.3	6
103	Diagnosis of secondary pulmonary lymphangiectasia in congenital heart disease: a novel role for chest ultrasound and prognostic implications. <i>Pediatric Radiology</i> , 2017, 47, 1441-1451.	1.1	13
104	New advances in fetal cardiovascular magnetic resonance imaging for quantifying the distribution of blood flow and oxygen transport: Potential applications in fetal cardiovascular disease diagnosis and therapy. <i>Echocardiography</i> , 2017, 34, 1799-1803.	0.3	27
105	MRI reveals hemodynamic changes with acute maternal hyperoxygenation in human fetuses with and without congenital heart disease. <i>Prenatal Diagnosis</i> , 2016, 36, 274-281.	1.1	39
106	Interplay of brain structure and function in neonatal congenital heart disease. <i>Annals of Clinical and Translational Neurology</i> , 2016, 3, 708-722.	1.7	37
107	Effect of hydration status on atrial and ventricular volumes and function in healthy adult volunteers. <i>Pediatric Radiology</i> , 2016, 46, 1520-1527.	1.1	1
108	Cerebral oxygen delivery is reduced in newborns with congenital heart disease. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016, 152, 1095-1103.	0.4	67



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109	Higher extracellular volume is associated with longer bypass times at corrective surgery and reduced exercise tolerance in children late after repair of tetralogy of Fallot. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 18, Q25.	1.6	1
110	3D printing in medicine of congenital heart diseases. <i>3D Printing in Medicine</i> , 2016, 2, 3.	1.7	112
111	Accelerated phase contrast measurements of fetal blood flow using compressed sensing. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 18, P30.	1.6	4
112	Diffuse myocardial fibrosis using native T1 mapping in children with repaired Tetralogy of Fallot: correlation with surgical factors and exercise capacity. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 18, O27.	1.6	2
113	Diffuse myocardial fibrosis in patients after Fontan operation: a T1 relaxometry magnetic resonance pilot study. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 18, O28.	1.6	1
114	Combined ventricular output and oxygen delivery are reduced while oxygen extraction fraction is increased in fetuses with Ebstein's Anomaly by MRI. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 18, O71.	1.6	1
115	High resolution multislice imaging of the fetal heart using iGRASP and MOC. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 18, P44.	1.6	0
116	Reduced combined ventricular output and increased oxygen extraction fraction in a fetus with complete heart block demonstrated by MRI. <i>HeartRhythm Case Reports</i> , 2016, 2, 164-168.	0.2	2
117	The hemodynamics of late-onset intrauterine growth restriction by MRI. <i>American Journal of Obstetrics and Gynecology</i> , 2016, 214, 367.e1-367.e17.	0.7	111
118	Contemporary Outcomes and Factors Associated With Mortality After a Fetal or Neonatal Diagnosis of Ebstein Anomaly and Tricuspid Valve Disease. <i>Canadian Journal of Cardiology</i> , 2016, 32, 1500-1506.	0.8	29
119	Response to Letter Regarding Article, "Reduced Fetal Cerebral Oxygen Consumption Is Associated With Smaller Brain Size in Fetuses With Congenital Heart Disease". <i>Circulation</i> , 2016, 133, e8.	1.6	2
120	Increased left ventricular myocardial extracellular volume is associated with longer cardiopulmonary bypass times, biventricular enlargement and reduced exercise tolerance in children after repair of Tetralogy of Fallot. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 18, 75.	1.6	46
121	Motion compensated cine CMR of the fetal heart using radial undersampling and compressed sensing. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 19, 29.	1.6	50
122	Feasibility of detecting myocardial infarction in the sheep fetus using late gadolinium enhancement CMR imaging. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 19, 69.	1.6	29
123	Fetal Cardiovascular Magnetic Resonance. , 2016, , 183-204.		0
124	Maternal hyperoxygenation and foetal cardiac MRI in the assessment of the borderline left ventricle. <i>Cardiology in the Young</i> , 2015, 25, 1214-1217.	0.4	25
125	MRI shows limited mixing between systemic and pulmonary circulations in foetal transposition of the great arteries: a potential cause of in utero pulmonary vascular disease. <i>Cardiology in the Young</i> , 2015, 25, 737-744.	0.4	33
126	Quantification and Significance of Diffuse Myocardial Fibrosis and Diastolic Dysfunction in Childhood Hypertrophic Cardiomyopathy. <i>Pediatric Cardiology</i> , 2015, 36, 970-978.	0.6	28



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127	Utility of Feed-and-Sleep Cardiovascular Magnetic Resonance in Young Infants with Complex Cardiovascular Disease. <i>Pediatric Cardiology</i> , 2015, 36, 809-812.	0.6	38
128	Cardiothoracic ratio on chest radiograph in pediatric heart disease: How does it correlate with heart volumes at magnetic resonance imaging?. <i>Pediatric Radiology</i> , 2015, 45, 1616-1623.	1.1	13
129	MRI reveals hemodynamic changes with acute maternal hyperoxygenation in human fetuses with and without congenital heart disease. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015, 17, O55.	1.6	4
130	MRI reveals increased superior vena caval blood flow in human fetuses with congenital heart disease, abnormal placental pathology and neonatal brain white matter changes. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015, 17, .	1.6	1
131	Reduced fetal cerebral oxygen consumption is associated with abnormal white matter in newborns with congenital heart disease. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015, 17, P201.	1.6	1
132	Fetal haemodynamic assessment in a case of late-onset intrauterine growth restriction by phase contrast MRI and T2 mapping. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015, 17, P27.	1.6	3
133	Foetal blood flow measured using phase contrast cardiovascular magnetic resonance " preliminary data comparing 1.5T with 3.0T. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015, 17, 30.	1.6	22
134	Reduced Fetal Cerebral Oxygen Consumption Is Associated With Smaller Brain Size in Fetuses With Congenital Heart Disease. <i>Circulation</i> , 2015, 131, 1313-1323.	1.6	405
135	Brain Sparing in Fetal Mice: BOLD MRI and Doppler Ultrasound Show Blood Redistribution During Hypoxia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 1082-1088.	2.4	32
136	Diffuse myocardial fibrosis following tetralogy of Fallot repair: a T1 mapping cardiac magnetic resonance study. <i>Pediatric Radiology</i> , 2014, 44, 403-409.	1.1	68
137	Assessment of flow distribution in the mouse fetal circulation at late gestation by high-frequency Doppler ultrasound. <i>Physiological Genomics</i> , 2014, 46, 602-614.	1.0	25
138	Reference Ranges of Blood Flow in the Major Vessels of the Normal Human Fetal Circulation at Term by Phase-Contrast Magnetic Resonance Imaging. <i>Circulation: Cardiovascular Imaging</i> , 2014, 7, 663-670.	1.3	132
139	Spectrum and Outcome of Primary Cardiomyopathies Diagnosed During Fetal Life. <i>JACC: Heart Failure</i> , 2014, 2, 403-411.	1.9	36
140	MR assessment of abdominal circulation in Fontan physiology. <i>International Journal of Cardiovascular Imaging</i> , 2014, 30, 1065-1072.	0.7	20
141	Pulmonary artery pulsatility and effect on vessel diameter assessment in magnetic resonance imaging. <i>European Journal of Radiology</i> , 2014, 83, 378-383.	1.2	9
142	Magnetic Resonance Imaging as a Decision-Making Tool in Congenital Heart Disease Surgery. <i>Operative Techniques in Thoracic and Cardiovascular Surgery</i> , 2014, 19, 152-163.	0.2	3
143	Direct measurement of aortic regurgitation with phase-contrast magnetic resonance is inaccurate: proposal of an alternative method of quantification. <i>Pediatric Radiology</i> , 2014, 44, 1358-1369.	1.1	19
144	Fetal circulation in left-sided congenital heart disease measured by cardiovascular magnetic resonance: a case-control study. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2013, 15, 65.	1.6	58

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145	Fetal stenting of the atrial septum: Technique and initial results in cardiac lesions with left atrial hypertension. <i>International Journal of Cardiology</i> , 2013, 168, 2029-2036.	0.8	68
146	Isolated Anomalous Origin of the Right Coronary Artery From the Pulmonary Artery in an Asymptomatic 12-Year-Old Girl: Role of MRI in Depicting the Anatomy, Detecting the Ischemic Burden, and Quantifying the Amount of Left-to-Right Shunt. <i>World Journal for Pediatric &amp; Congenital Heart Surgery</i> , 2013, 4, 201-205.	0.3	8
147	Dynamic imaging of the fetal heart using metric optimized gating. <i>Magnetic Resonance in Medicine</i> , 2013, 70, 1598-1607.	1.9	50
148	Normal Drainage, Abnormal Connection. <i>World Journal for Pediatric &amp; Congenital Heart Surgery</i> , 2012, 3, 508-510.	0.3	6
149	Feasibility of quantification of the distribution of blood flow in the normal human fetal circulation using CMR: a cross-sectional study. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2012, 14, 82.	1.6	100
150	Mesenchymal hamartoma: prenatal diagnosis by MRI. <i>Pediatric Radiology</i> , 2011, 41, 781-784.	1.1	14
151	Metric optimized gating for fetal cardiac MRI. <i>Magnetic Resonance in Medicine</i> , 2010, 64, 1304-1314.	1.9	82
152	Fetal cardiac tumors: a single-center experience of 40 cases. <i>Prenatal Diagnosis</i> , 2010, 30, 941-949.	1.1	76
153	Early changes in right ventricular function and their clinical consequences in childhood and adolescent dilated cardiomyopathy. <i>Cardiology in the Young</i> , 2010, 20, 418-425.	0.4	14
154	Antenatal MR imaging of pulmonary lymphangiectasia secondary to hypoplastic left heart syndrome. <i>Pediatric Radiology</i> , 2009, 39, 747-749.	1.1	42
155	Computer-aided detection for the identification of pulmonary nodules in pediatric oncology patients: initial experience. <i>Pediatric Radiology</i> , 2009, 39, 685-693.	1.1	25
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