

Jack Rychik

List of Publications by Citations

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272
papers

11,225
citations

60
h-index

97
g-index

340
ext. papers

13,189
ext. citations

4.2
avg, IF

6.22
L-index

#	Paper	IF	Citations
272	Diagnosis and treatment of fetal cardiac disease: a scientific statement from the American Heart Association. <i>Circulation</i> , 2014 , 129, 2183-242	16.7	575
271	Guidelines and standards for performance of a pediatric echocardiogram: a report from the Task Force of the Pediatric Council of the American Society of Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2006 , 19, 1413-30	5.8	504
270	American Society of Echocardiography guidelines and standards for performance of the fetal echocardiogram. <i>Journal of the American Society of Echocardiography</i> , 2004 , 17, 803-10	5.8	296
269	The hypoplastic left heart syndrome with intact atrial septum: atrial morphology, pulmonary vascular histopathology and outcome. <i>Journal of the American College of Cardiology</i> , 1999 , 34, 554-60	15.1	286
268	Evaluation and Management of the Child and Adult With Fontan Circulation: A Scientific Statement From the American Heart Association. <i>Circulation</i> , 2019 , CIR0000000000000696	16.7	227
267	Impact of oral sildenafil on exercise performance in children and young adults after the fontan operation: a randomized, double-blind, placebo-controlled, crossover trial. <i>Circulation</i> , 2011 , 123, 1185-93	16.7	220
266	The precarious state of the liver after a Fontan operation: summary of a multidisciplinary symposium. <i>Pediatric Cardiology</i> , 2012 , 33, 1001-12	2.1	217
265	Impact of congenital heart disease on cerebrovascular blood flow dynamics in the fetus. <i>Ultrasound in Obstetrics and Gynecology</i> , 2005 , 25, 32-6	5.8	194
264	Percutaneous Lymphatic Embolization of Abnormal Pulmonary Lymphatic Flow as Treatment of Plastic Bronchitis in Patients With Congenital Heart Disease. <i>Circulation</i> , 2016 , 133, 1160-70	16.7	170
263	ACC/AHA clinical competence statement on echocardiography: a report of the American College of Cardiology/American Heart Association/American College of Physicians-American Society of Internal Medicine Task Force on Clinical Competence. <i>Journal of the American College of Cardiology</i> , 2003 , 41, 687-708	15.1	167
262	The twin-twin transfusion syndrome: spectrum of cardiovascular abnormality and development of a cardiovascular score to assess severity of disease. <i>American Journal of Obstetrics and Gynecology</i> , 2007 , 197, 392.e1-8	6.4	165
261	An extra-uterine system to physiologically support the extreme premature lamb. <i>Nature Communications</i> , 2017 , 8, 15112	17.4	158
260	Pulmonary AV malformations after superior cavopulmonary connection: resolution after inclusion of hepatic veins in the pulmonary circulation. <i>Annals of Thoracic Surgery</i> , 1997 , 63, 960-3	2.7	154
259	Indications and guidelines for performance of transesophageal echocardiography in the patient with pediatric acquired or congenital heart disease: report from the task force of the Pediatric Council of the American Society of Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2005 , 18, 91-8	5.8	153
258	Thrombus formation after the Fontan operation. <i>Annals of Thoracic Surgery</i> , 2001 , 71, 1990-4	2.7	145
257	Protein-losing enteropathy after Fontan operation. <i>Congenital Heart Disease</i> , 2007 , 2, 288-300	3.1	144
256	Comparison of echocardiographic and cardiac magnetic resonance imaging measurements of functional single ventricular volumes, mass, and ejection fraction (from the Pediatric Heart Network Fontan Cross-Sectional Study). <i>American Journal of Cardiology</i> , 2009 , 104, 419-28	3	139

255	Hepatic Fibrosis Is Universal Following Fontan Operation, and Severity is Associated With Time From Surgery: A Liver Biopsy and Hemodynamic Study. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	134
254	Protein-losing enteropathy after fontan operation: investigations into possible pathophysiologic mechanisms. <i>Annals of Thoracic Surgery</i> , 2006 , 82, 695-700	2.7	134
253	Changes in oxygenation with inhaled nitric oxide in severe bronchopulmonary dysplasia. <i>Pediatrics</i> , 1999 , 103, 610-8	7.4	124
252	The failing Fontan: etiology, diagnosis and management. <i>Expert Review of Cardiovascular Therapy</i> , 2011 , 9, 785-93	2.5	122
251	18 years of the Fontan operation at a single institution: results from 771 consecutive patients. <i>Journal of the American College of Cardiology</i> , 2012 , 60, 1018-25	15.1	120
250	Hypoplastic left heart syndrome with atrial level restriction in the era of prenatal diagnosis. <i>Annals of Thoracic Surgery</i> , 2007 , 84, 1633-8	2.7	113
249	Long-term outcome of infants with single ventricle and total anomalous pulmonary venous connection. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1999 , 117, 506-13; discussion 513-4	1.5	109
248	Morphometric analysis of unbalanced common atrioventricular canal using two-dimensional echocardiography. <i>Journal of the American College of Cardiology</i> , 1996 , 28, 1017-23	15.1	106
247	Quantitative assessment of myocardial tissue velocities in normal children with Doppler tissue imaging. <i>American Journal of Cardiology</i> , 1996 , 77, 1254-7	3	103
246	Maternal psychological stress after prenatal diagnosis of congenital heart disease. <i>Journal of Pediatrics</i> , 2013 , 162, 302-7.e1	3.6	101
245	Aortic morphometry and microcephaly in hypoplastic left heart syndrome. <i>Cardiology in the Young</i> , 2007 , 17, 189-95	1	98
244	The Relentless Effects of the Fontan Paradox. <i>Pediatric Cardiac Surgery Annual</i> , 2016 , 19, 37-43	2.1	98
243	Successful treatment of plastic bronchitis by selective lymphatic embolization in a Fontan patient. <i>Pediatrics</i> , 2014 , 134, e590-5	7.4	97
242	Protein-Losing Enteropathy in Patients With Congenital Heart Disease. <i>Journal of the American College of Cardiology</i> , 2017 , 69, 2929-2937	15.1	94
241	Outcome after operations for pulmonary atresia with intact ventricular septum. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1998 , 116, 924-31	1.5	94
240	Early reduction of the volume work of the single ventricle: The hemi-fontan operation. <i>Annals of Thoracic Surgery</i> , 1996 , 62, 456-462	2.7	94
239	Influence of congenital heart disease on survival in children with congenital diaphragmatic hernia. <i>Journal of Pediatrics</i> , 2002 , 141, 25-30	3.6	91
238	Long-term survival after the Fontan operation: Twenty years of experience at a single center. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017 , 154, 243-253.e2	1.5	89

237	Quantifying pulmonary regurgitation and right ventricular function in surgically repaired tetralogy of Fallot: a comparative analysis of echocardiography and magnetic resonance imaging. <i>Circulation: Cardiovascular Imaging</i> , 2012 , 5, 637-43	3.9	89
236	Fetal cardiovascular physiology. <i>Pediatric Cardiology</i> , 2004 , 25, 201-9	2.1	88
235	Caval contribution to flow in the branch pulmonary arteries of Fontan patients with a novel application of magnetic resonance presaturation pulse. <i>Circulation</i> , 1999 , 99, 1215-21	16.7	88
234	The nature of flow in the systemic venous pathway measured by magnetic resonance blood tagging in patients having the Fontan operation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1997 , 114, 1032-41	1.5	87
233	Atrial pacing: an alternative treatment for protein-losing enteropathy after the Fontan operation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2001 , 121, 582-3	1.5	86
232	Sacrococcygeal teratomas: prenatal surveillance, growth and pregnancy outcome. <i>Fetal Diagnosis and Therapy</i> , 2009 , 25, 15-20	2.4	82
231	Usefulness of corticosteroid therapy for protein-losing enteropathy after the Fontan procedure. <i>American Journal of Cardiology</i> , 1991 , 68, 819-21	3	82
230	Mechanics of the single left ventricle: a study in ventricular-ventricular interaction II. <i>Circulation</i> , 1998 , 98, 330-8	16.7	81
229	Acute cardiovascular effects of fetal surgery in the human. <i>Circulation</i> , 2004 , 110, 1549-56	16.7	79
228	Relation of mesenteric vascular resistance after Fontan operation and protein-losing enteropathy. <i>American Journal of Cardiology</i> , 2002 , 90, 672-4	3	78
227	Atrioventricular valve regurgitation in patients with single ventricle: impact of the bidirectional cavopulmonary anastomosis. <i>Annals of Thoracic Surgery</i> , 2001 , 72, 831-5	2.7	78
226	Use of oral budesonide in the management of protein-losing enteropathy after the Fontan operation. <i>Annals of Thoracic Surgery</i> , 2010 , 89, 837-42	2.7	75
225	Recurrent arch obstruction after repair of isolated coarctation of the aorta in neonates and young infants: is low weight a risk factor?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2001 , 122, 883-90	1.5	74
224	Quantitative echocardiographic assessment of the performance of the functionally single right ventricle after the Fontan operation. <i>Cardiology in the Young</i> , 2001 , 11, 399-406	1	73
223	Perinatal and early surgical outcome for the fetus with hypoplastic left heart syndrome: a 5-year single institutional experience. <i>Ultrasound in Obstetrics and Gynecology</i> , 2010 , 36, 465-70	5.8	72
222	Echocardiographic evaluation of the fetus with congenital cystic adenomatoid malformation. <i>Ultrasound in Obstetrics and Gynecology</i> , 2000 , 16, 620-4	5.8	70
221	American College of Cardiology/American Heart Association clinical competence statement on echocardiography: a report of the American College of Cardiology/American Heart Association/American College of Physicians--American Society of Internal Medicine Task Force on Clinical Competence. <i>Circulation</i> , 2003 , 107, 1068-89	16.7	69
220	Prenatal diagnosis and risk factors for preoperative death in neonates with single right ventricle and systemic outflow obstruction: screening data from the Pediatric Heart Network Single Ventricle Reconstruction Trial(*). <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2010 , 140, 1245-50	1.5	68

219	Surgical reinterventions following the Fontan procedure. <i>European Journal of Cardio-thoracic Surgery</i> , 2003 , 24, 255-9	3	67
218	Vasoreactive response to maternal hyperoxygenation in the fetus with hypoplastic left heart syndrome. <i>Circulation: Cardiovascular Imaging</i> , 2010 , 3, 172-8	3.9	66
217	Impact of sildenafil on echocardiographic indices of myocardial performance after the Fontan operation. <i>Pediatric Cardiology</i> , 2012 , 33, 689-96	2.1	65
216	End-organ consequences of the Fontan operation: liver fibrosis, protein-losing enteropathy and plastic bronchitis. <i>Cardiology in the Young</i> , 2013 , 23, 831-40	1	64
215	Forty years of the Fontan operation: a failed strategy. <i>Pediatric Cardiac Surgery Annual</i> , 2010 , 13, 96-100	2.1	62
214	Illustration of the additional value of real-time 3-dimensional echocardiography to conventional transthoracic and transesophageal 2-dimensional echocardiography in imaging muscular ventricular septal defects: does this have any impact on individual patient treatment?. <i>Journal of the American Society of Echocardiography</i> , 2006 , 19, 1511-8	5.8	62
213	Lean mass deficits, vitamin D status and exercise capacity in children and young adults after Fontan palliation. <i>Heart</i> , 2014 , 100, 1702-7	5.1	60
212	Results of Norwood ^Q operation for lesions other than hypoplastic left heart syndrome. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1995 , 110, 1555-61; discussion 1561-2	1.5	60
211	Late surgical fenestration for complications after the Fontan operation. <i>Circulation</i> , 1997 , 96, 33-6	16.7	60
210	Prevalence and characterization of fibrosis in surveillance liver biopsies of patients with Fontan circulation. <i>Human Pathology</i> , 2016 , 57, 106-115	3.7	57
209	Outcome of high-risk neonates with congenital complete heart block paced in the first 24 hours after birth. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2008 , 136, 767-73	1.5	56
208	Younger gestational age is associated with worse neurodevelopmental outcomes after cardiac surgery in infancy. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2012 , 143, 535-42	1.5	53
207	Right ventricular performance in the fetus with hypoplastic left heart syndrome. <i>Annals of Thoracic Surgery</i> , 2009 , 87, 1214-9	2.7	53
206	Improving outcomes in functional single ventricle and total anomalous pulmonary venous connection. <i>Annals of Thoracic Surgery</i> , 2004 , 78, 1688-95	2.7	52
205	Surgical management of severe aortic outflow obstruction in lesions other than the hypoplastic left heart syndrome: use of a pulmonary artery to aorta anastomosis. <i>Journal of the American College of Cardiology</i> , 1991 , 18, 809-16	15.1	52
204	Critical heart disease in the neonate: presentation and outcome at a tertiary care center. <i>Pediatric Critical Care Medicine</i> , 2008 , 9, 193-202	3	51
203	Evaluation of ventricular septal defect repair using intraoperative transesophageal echocardiography: frequency and significance of residual defects in infants and children. <i>Echocardiography</i> , 2000 , 17, 681-4	1.5	51
202	Characterization of the Placenta in the Newborn with Congenital Heart Disease: Distinctions Based on Type of Cardiac Malformation. <i>Pediatric Cardiology</i> , 2018 , 39, 1165-1171	2.1	49

201	Rare problems associated with the Fontan circulation. <i>Cardiology in the Young</i> , 2010 , 20 Suppl 3, 113-9	1	49
200	Heterotaxy syndrome with functional single ventricle: does prenatal diagnosis improve survival?. <i>Annals of Thoracic Surgery</i> , 2006 , 82, 1629-36	2.7	49
199	Outcome following tricuspid valve detachment for ventricular septal defects closure. <i>European Journal of Cardio-thoracic Surgery</i> , 2001 , 19, 279-82	3	48
198	Strategies to treat protein-losing enteropathy. <i>Pediatric Cardiac Surgery Annual</i> , 2002 , 5, 3-11	2.1	48
197	Diagnostic assessment before Fontan operation in patients with bidirectional cavopulmonary anastomosis: are noninvasive methods sufficient?. <i>Journal of the American College of Cardiology</i> , 2004 , 44, 184-7	15.1	47
196	Impact of altered loading conditions on ventricular performance in fetuses with congenital cystic adenomatoid malformation and twin-twin transfusion syndrome. <i>Ultrasound in Obstetrics and Gynecology</i> , 2007 , 30, 40-6	5.8	46
195	Early changes in ventricular septal defect size and ventricular geometry in the single left ventricle after volume-unloading surgery. <i>Journal of the American College of Cardiology</i> , 1995 , 26, 1008-15	15.1	46
194	Protein-losing enteropathy after Fontan operation: resolution after baffle fenestration. <i>Annals of Thoracic Surgery</i> , 1996 , 61, 206-8	2.7	45
193	Effect of Fontan-Associated Morbidities on Survival With Intact Fontan Circulation. <i>American Journal of Cardiology</i> , 2017 , 119, 1866-1871	3	44
192	A multifaceted approach to the management of plastic bronchitis after cavopulmonary palliation. <i>Annals of Thoracic Surgery</i> , 2014 , 98, 634-40	2.7	44
191	Left ventricle to right ventricle size discrepancy in the fetus: the presence of critical congenital heart disease can be reliably predicted. <i>Journal of the American Society of Echocardiography</i> , 2009 , 22, 1296-301	5.8	44
190	Predictors of disease progression in pediatric dilated cardiomyopathy. <i>Circulation: Heart Failure</i> , 2013 , 6, 1214-22	7.6	43
189	Outcome after repair of tetralogy of Fallot with absent pulmonary valve. <i>Annals of Thoracic Surgery</i> , 1999 , 67, 1391-5; discussion 1395-6	2.7	42
188	Assessment of Kidney Function in Survivors Following Fontan Palliation. <i>Congenital Heart Disease</i> , 2016 , 11, 630-636	3.1	41
187	Effect of volume unloading surgery on coronary flow dynamics in patients with aortic atresia. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1997 , 113, 718-26; discussion 726-7	1.5	41
186	Acute changes in left ventricular geometry after volume reduction operation. <i>Annals of Thoracic Surgery</i> , 1995 , 60, 1267-73; discussion 1274	2.7	41
185	Mechanical support as failure intervention in patients with cavopulmonary shunts (MFICS): rationale and aims of a new registry of mechanical circulatory support in single ventricle patients. <i>Congenital Heart Disease</i> , 2013 , 8, 182-6	3.1	40
184	Outcome following single-stage repair of coarctation with ventricular septal defect. <i>European Journal of Cardio-thoracic Surgery</i> , 2000 , 18, 62-7	3	40

183	Pulmonary hypertension in children following extracorporeal membrane oxygenation therapy and repair of congenital diaphragmatic hernia. <i>Journal of Perinatology</i> , 1999 , 19, 220-6	3.1	40
182	MRI Evaluation of Lymphatic Abnormalities in the Neck and Thorax after Fontan Surgery: Relationship with Outcome. <i>Radiology</i> , 2019 , 291, 774-780	20.5	39
181	Speckle tracking-derived myocardial tissue deformation imaging in twin-twin transfusion syndrome: differences in strain and strain rate between donor and recipient twins. <i>Fetal Diagnosis and Therapy</i> , 2012 , 32, 131-7	2.4	39
180	Comparative analysis of cerebrovascular resistance in fetuses with single-ventricle congenital heart disease. <i>Ultrasound in Obstetrics and Gynecology</i> , 2012 , 40, 62-7	5.8	38
179	22q11.2 deletion status and disease burden in children and adolescents with tetralogy of Fallot. <i>Circulation: Cardiovascular Genetics</i> , 2015 , 8, 74-81		37
178	Right ventricular function in congenital heart disease: pressure and volume overload lesions. <i>Progress in Cardiovascular Diseases</i> , 1998 , 40, 343-56	8.5	37
177	Design and baseline characteristics for the ACE Inhibitor After Anthracycline (AAA) study of cardiac dysfunction in long-term pediatric cancer survivors. <i>American Heart Journal</i> , 2001 , 142, 577-85	4.9	37
176	Fetal intrapericardial teratoma: natural history and management including successful in utero surgery. <i>American Journal of Obstetrics and Gynecology</i> , 2016 , 215, 780.e1-780.e7	6.4	36
175	Preliminary investigations into a new method of functional assessment of the fetal heart using a novel application of real-time cardiac magnetic resonance imaging. <i>Fetal Diagnosis and Therapy</i> , 2005 , 20, 475-80	2.4	36
174	Deficits in bone density and structure in children and young adults following Fontan palliation. <i>Bone</i> , 2015 , 77, 12-6	4.7	35
173	Hypoplastic left heart syndrome and the nutmeg lung pattern in utero: a cause and effect relationship or prognostic indicator?. <i>Pediatric Radiology</i> , 2016 , 46, 483-9	2.8	35
172	Maternal hyperoxygenation improves left heart filling in fetuses with atrial septal aneurysm causing impediment to left ventricular inflow. <i>Ultrasound in Obstetrics and Gynecology</i> , 2015 , 45, 664-9	5.8	34
171	Late consequences of the Fontan operation. <i>Circulation</i> , 2014 , 130, 1525-8	16.7	34
170	Abnormalities of intestinal rotation in patients with congenital heart disease and the heterotaxy syndrome. <i>Congenital Heart Disease</i> , 2007 , 2, 12-8	3.1	34
169	Usefulness of intraoperative transesophageal echocardiography in predicting the degree of mitral regurgitation secondary to atrioventricular defect in children. <i>American Journal of Cardiology</i> , 1999 , 83, 750-3	3	34
168	The role of echocardiography in the intraoperative management of the fetus undergoing myelomeningocele repair. <i>Fetal Diagnosis and Therapy</i> , 2015 , 37, 172-8	2.4	33
167	Assessment of pulmonary/systemic blood flow ratio after first-stage palliation for hypoplastic left heart syndrome: development of a new index with the use of doppler echocardiography. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2000 , 120, 81-7	1.5	33
166	Growth characteristics of the aortic arch after the Norwood operation. <i>Journal of the American College of Cardiology</i> , 1998 , 32, 1951-4	15.1	32

165	Surgical and Catheter-Based Reinterventions Are Common in Long-Term Survivors of the Fontan Operation. <i>Circulation: Cardiovascular Interventions</i> , 2017 , 10,	6	31
164	Anatomic variability and outcome in prenatally diagnosed absent pulmonary valve syndrome. <i>Annals of Thoracic Surgery</i> , 2014 , 98, 152-8	2.7	31
163	Usefulness of left ventricular inflow index to predict successful biventricular repair in right-dominant unbalanced atrioventricular canal. <i>American Journal of Cardiology</i> , 2011 , 107, 103-9	3	31
162	Measurement of the great vessels in the mediastinum could help distinguish true from false-positive coarctation of the aorta in the third trimester. <i>Journal of Ultrasound in Medicine</i> , 2009 , 28, 1313-7	2.9	31
161	The impact of the maternal-foetal environment on outcomes of surgery for congenital heart disease in neonates. <i>European Journal of Cardio-thoracic Surgery</i> , 2018 , 54, 348-353	3	29
160	Parental decision-making in congenital heart disease. <i>Cardiology in the Young</i> , 2004 , 14, 309-14	1	29
159	Pulmonary outflow tract obstruction in fetuses with complex congenital heart disease: predicting the need for neonatal intervention. <i>Ultrasound in Obstetrics and Gynecology</i> , 2013 , 41, 47-53	5.8	28
158	Comparison of patterns of pulmonary venous blood flow in the functional single ventricle heart after operative aortopulmonary shunt versus superior cavopulmonary shunt. <i>American Journal of Cardiology</i> , 1997 , 80, 922-6	3	27
157	Management of protein-losing enteropathy after the Fontan procedure. <i>Pediatric Cardiac Surgery Annual</i> , 1998 , 1, 15-22	2.1	27
156	Morbidity in children and adolescents after surgical correction of truncus arteriosus communis. <i>American Heart Journal</i> , 2013 , 166, 512-8	4.9	26
155	Cardiovascular adaptation to the Fontan circulation. <i>Congenital Heart Disease</i> , 2017 , 12, 699-710	3.1	25
154	Effect of surgical reconstruction on flow profiles in the aorta using magnetic resonance blood tagging. <i>Annals of Thoracic Surgery</i> , 1997 , 63, 1691-700	2.7	25
153	Risk Factors and Clinical Significance of Lymphopenia in Survivors of the Fontan Procedure for Single-Ventricle Congenital Cardiac Disease. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2016 , 4, 491-6	5.4	24
152	Impact of continuous intraoperative monitoring on outcomes in open fetal surgery. <i>Fetal Diagnosis and Therapy</i> , 2005 , 20, 316-20	2.4	24
151	Hypoplastic left heart syndrome: from in-utero diagnosis to school age. <i>Seminars in Fetal and Neonatal Medicine</i> , 2005 , 10, 553-66	3.7	24
150	Right ventricular mechanics in the fetus with hypoplastic left heart syndrome. <i>Journal of the American Society of Echocardiography</i> , 2013 , 26, 515-20	5.8	23
149	Impact of mode of delivery on markers of perinatal hemodynamics in infants with hypoplastic left heart syndrome. <i>Journal of Pediatrics</i> , 2011 , 159, 64-9	3.6	23
148	Impact of hemodynamics and fluid energetics on liver fibrosis after Fontan operation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018 , 156, 267-275	1.5	22

147	Children with protein-losing enteropathy after the Fontan operation are at risk for abnormal bone mineral density. <i>Pediatric Cardiology</i> , 2012 , 33, 1264-8	2.1	22
146	Chronic intrauterine hypoxia alters neurodevelopment in fetal sheep. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 , 157, 1982-1991	1.5	22
145	Mitral valve dysplasia syndrome: a unique form of left-sided heart disease. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2011 , 142, 1381-7	1.5	21
144	Transcatheter radiofrequency ablation for congenital junctional ectopic tachycardia in infancy. <i>Pediatric Cardiology</i> , 1997 , 18, 447-50	2.1	21
143	Real-time 3-dimensional echocardiographic imaging of congenital heart disease using matrix-array technology: freehand real-time scanning adds instant morphologic details not well delineated by conventional 2-dimensional imaging. <i>Journal of the American Society of Echocardiography</i> , 2006 , 19, 121-9	5.8	21
142	Longitudinal Assessment of Outcome From Prenatal Diagnosis Through Fontan Operation for Over 500 Fetuses With Single Ventricle-Type Congenital Heart Disease: The Philadelphia Fetus-to-Fontan Cohort Study. <i>Journal of the American Heart Association</i> , 2018 , 7, e009145	6	21
141	Advances in fetal echocardiography: early imaging, three/four dimensional imaging, and role of fetal echocardiography in guiding early postnatal management of congenital heart disease. <i>Echocardiography</i> , 2013 , 30, 428-38	1.5	20
140	Tetralogy of Fallot with absent pulmonary valve: echocardiographic morphometric features of the right-sided structures and their relationship to presentation and outcome. <i>Journal of the American Society of Echocardiography</i> , 1997 , 10, 556-61	5.8	19
139	Fetal pulmonary venous Doppler patterns in hypoplastic left heart syndrome: relationship to atrial septal restriction. <i>Heart</i> , 2008 , 94, 1446-9	5.1	19
138	Providing a framework of principles for conceptualising the Fontan circulation. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2020 , 109, 651-658	3.1	19
137	Pulmonary vasodilator therapy in the failing Fontan circulation: rationale and efficacy. <i>Cardiology in the Young</i> , 2015 , 25, 1489-92	1	18
136	22q11.2 deletion syndrome as a risk factor for aortic root dilation in tetralogy of Fallot. <i>Cardiology in the Young</i> , 2014 , 24, 303-10	1	18
135	What does palliative care mean in prenatal diagnosis of congenital heart disease?. <i>World Journal for Pediatric & Congenital Heart Surgery</i> , 2013 , 4, 80-4	1.1	18
134	Acute changes in preload, afterload, and systolic function after superior cavopulmonary connection. <i>Annals of Thoracic Surgery</i> , 1998 , 65, 503-8	2.7	18
133	Protein Losing Enteropathy After Fontan Operation: Glimpses of Clarity Through the Lifting Fog. <i>World Journal for Pediatric & Congenital Heart Surgery</i> , 2020 , 11, 92-96	1.1	18
132	Umbilical cannulation optimizes circuit flows in premature lambs supported by the EXTra-uterine Environment for Neonatal Development (EXTEND). <i>Journal of Physiology</i> , 2018 , 596, 1575-1585	3.9	17
131	Perinatal course of Ebstein@ anomaly and tricuspid valve dysplasia in the fetus. <i>Prenatal Diagnosis</i> , 2012 , 32, 245-51	3.2	17
130	Long-term results and consequences of single ventricle palliation. <i>Progress in Pediatric Cardiology</i> , 2010 , 29, 19-23	0.4	17

129	ISUOG consensus statement on current understanding of the association of neurodevelopmental delay and congenital heart disease: impact on prenatal counseling. <i>Ultrasound in Obstetrics and Gynecology</i> , 2017 , 49, 287-288	5.8	16
128	Early changes in ventricular geometry and ventricular septal defect size following Rastelli operation or intraventricular baffle repair for conotruncal anomaly. A cause for development of subaortic stenosis. <i>Circulation</i> , 1994 , 90, 1113-9	16.7	16
127	Usefulness of insulin like growth factor 1 as a marker of heart failure in children and young adults after the Fontan palliation procedure. <i>American Journal of Cardiology</i> , 2015 , 115, 816-20	3	15
126	Cardiac Magnetic Resonance-Derived Metrics Are Predictive of Liver Fibrosis in Fontan Patients. <i>Annals of Thoracic Surgery</i> , 2020 , 109, 1904-1911	2.7	15
125	Cerebrovascular response to maternal hyperoxygenation in fetuses with hypoplastic left heart syndrome depends on gestational age and baseline cerebrovascular resistance. <i>Ultrasound in Obstetrics and Gynecology</i> , 2018 , 52, 473-478	5.8	14
124	Right aortic arch and coarctation: a rare association. <i>Congenital Heart Disease</i> , 2006 , 1, 217-23	3.1	14
123	Tricuspid valve dysplasia with severe tricuspid regurgitation: fetal pulmonary artery size predicts lung viability in the presence of small lung volumes. <i>Fetal Diagnosis and Therapy</i> , 2010 , 27, 101-5	2.4	13
122	Percutaneous liver biopsy in Fontan patients. <i>Pediatric Radiology</i> , 2019 , 49, 342-350	2.8	13
121	Development and validation of a fetal cardiovascular disease severity scale. <i>Pediatric Cardiology</i> , 2014 , 35, 1174-80	2.1	12
120	Current concepts in fetal cardiovascular disease. <i>Clinics in Perinatology</i> , 2005 , 32, 857-75, viii	2.8	12
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