Damien Bonnet

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6569470/publications.pdf

Version: 2024-02-01

376	20,079	11608	14156
papers	citations	70 h-index	128 g-index

392	392	392	18405
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Acute Heart Failure in Multisystem Inflammatory Syndrome in Children in the Context of Global SARS-CoV-2 Pandemic. Circulation, 2020, 142, 429-436.	1.6	936
2	Percutaneous replacement of pulmonary valve in a right-ventricle to pulmonary-artery prosthetic conduit with valve dysfunction. Lancet, The, 2000, 356, 1403-1405.	6.3	932
3	Holt-Oram syndrome is caused by mutations in TBX5, a member of the Brachyury (T) gene family. Nature Genetics, 1997, 15, 21-29.	9.4	859
4	Presence of increased stiffness of the common carotid artery and endothelial dysfunction in severely obese children: a prospective study. Lancet, The, 2001, 358, 1400-1404.	6.3	716
5	Detection of Transposition of the Great Arteries in Fetuses Reduces Neonatal Morbidity and Mortality. Circulation, 1999, 99, 916-918.	1.6	671
6	Pediatric Pulmonary Hypertension. Journal of the American College of Cardiology, 2013, 62, D117-D126.	1.2	451
7	Clinical features of paediatric pulmonary hypertension: a registry study. Lancet, The, 2012, 379, 537-546.	6.3	441
8	Immunodeficiency, autoinflammation and amylopectinosis in humans with inherited HOIL-1 and LUBAC deficiency. Nature Immunology, 2012, 13, 1178-1186.	7.0	410
9	Paediatric pulmonary arterial hypertension: updates on definition, classification, diagnostics and management. European Respiratory Journal, 2019, 53, 1801916.	3.1	399
10	EIF2AK4 mutations cause pulmonary veno-occlusive disease, a recessive form of pulmonary hypertension. Nature Genetics, 2014, 46, 65-69.	9.4	351
11	Transcatheter Implantation of a Bovine Valve in Pulmonary Position. Circulation, 2000, 102, 813-816.	1.6	290
12	Arrhythmias and Conduction Defects as Presenting Symptoms of Fatty Acid Oxidation Disorders in Children. Circulation, 1999, 100, 2248-2253.	1.6	278
13	2019 updated consensus statement on the diagnosis and treatment of pediatric pulmonary hypertension: The European Pediatric Pulmonary Vascular Disease Network (EPPVDN), endorsed by AEPC, ESPR and ISHLT. Journal of Heart and Lung Transplantation, 2019, 38, 879-901.	0.3	266
14	Trends in Prenatal Diagnosis, Pregnancy Termination, and Perinatal Mortality of Newborns With Congenital Heart Disease in France, 1983â€“2000: A Population-Based Evaluation. Pediatrics, 2005, 115, 95-101.	1.0	255
15	Mutation in myosin heavy chain 6 causes atrial septal defect. Nature Genetics, 2005, 37, 423-428.	9.4	243
16	ADAMTSL2 mutations in geleophysic dysplasia demonstrate a role for ADAMTS-like proteins in TGF-Î² bioavailability regulation. Nature Genetics, 2008, 40, 1119-1123.	9.4	211
17	Arterial Mechanical Changes in Children With Familial Hypercholesterolemia. Arteriosclerosis, Thrombosis, and Vascular Biology, 2000, 20, 2070-2075.	1.1	205
18	Mutations in the TGFÎ² Binding-Protein-Like Domain 5 of FBN1 Are Responsible for Acromicric and Geleophysic Dysplasias. American Journal of Human Genetics, 2011, 89, 7-14.	2.6	199

#	Article	IF	Citations
19	Rotation of the Myocardial Wall of the Outflow Tract Is Implicated in the Normal Positioning of the Great Arteries. Circulation Research, 2006, 98, 421-428.	2.0	190
20	Coronary Artery Obstruction After the Arterial Switch Operation for Transposition of the Great Arteries in Newborns. Journal of the American College of Cardiology, 1997, 29, 202-206.	1.2	180
21	Prevalence, timing of diagnosis and mortality of newborns with congenital heart defects: a population-based study. Heart, 2012, 98, 1667-1673.	1.2	179
22	Rivaroxaban compared with standard anticoagulants for the treatment of acute venous thromboembolism in children: a randomised, controlled, phase 3 trial. Lancet Haematology,the, 2020, 7, e18-e27.	2.2	173
23	Treatment of infantile haemangiomas: recommendations of a European expert group. European Journal of Pediatrics, 2015, 174, 855-865.	1.3	163
24	Late systemic hypertension and aortic arch geometry after successful repair of coarctation of the aorta. European Heart Journal, 2004, 25, 1853-1859.	1.0	155
25	Potts Shunt in Patients with Pulmonary Hypertension. New England Journal of Medicine, 2004, 350, 623-623.	13.9	143
26	Clinical Outcomes of Palliative Surgery Including a Systemic-to-Pulmonary Artery Shunt in Infants With Cyanotic Congenital Heart Disease. Circulation, 2007, 116, 293-297.	1.6	142
27	Diagnosis and outcome in congenital ventricular diverticulum and aneurysm. Journal of Thoracic and Cardiovascular Surgery, 2006, 131, 433-437.	0.4	141
28	Circulating Endothelial Cells. Circulation, 2009, 119, 374-381.	1.6	138
29	Dosing of Clopidogrel for Platelet Inhibition in Infants and Young Children. Circulation, 2008, 117, 553-559.	1.6	135
30	Arterial stiffness and endothelial dysfunction in HIV-infected children. Aids, 2004, 18, 1037-1041.	1.0	132
31	Impaired Apoptosis of Pulmonary Endothelial Cells Is Associated With Intimal Proliferation and Irreversibility of Pulmonary Hypertension in Congenital Heart Disease. Journal of the American College of Cardiology, 2007, 49, 803-810.	1.2	131
32	Development and Validation of a New Risk Prediction Score for Life-Threatening Ventricular Tachyarrhythmias in Laminopathies. Circulation, 2019, 140, 293-302.	1.6	131
33	Sensitivity and Specificity of Prenatal Features of Physiological Shunts to Predict Neonatal Clinical Status in Transposition of the Great Arteries. Circulation, 2004, 110, 1743-1746.	1.6	127
34	Characteristics and prospective 2-year follow-up of children with pulmonary arterial hypertension in France. Archives of Cardiovascular Diseases, 2010, 103, 66-74.	0.7	126
35	Hypertension after repair of aortic coarctation â€" A systematic review. International Journal of Cardiology, 2013, 167, 2456-2461.	0.8	124
36	Palliative Potts shunt for the treatment of children with drug-refractory pulmonary arterial hypertension: updated data from the first 24 patients. European Journal of Cardio-thoracic Surgery, 2015, 47, e105-e110.	0.6	124

#	Article	IF	Citations
37	Clinical phenotypes and outcomes of heritable and sporadic pulmonary veno-occlusive disease: a population-based study. Lancet Respiratory Medicine,the, 2017, 5, 125-134.	5.2	123
38	Description of 214 cases of autoimmune congenital heart block: Results of the French neonatal lupus syndrome. Autoimmunity Reviews, 2015, 14, 1154-1160.	2.5	121
39	Percutaneous pulmonary valve replacement in a large right ventricular outflow tract. Journal of the American College of Cardiology, 2004, 43, 1082-1087.	1.2	118
40	Noonan Syndrome: Relationships between Genotype, Growth, and Growth Factors. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 300-306.	1.8	117
41	Angular (Gothic) aortic arch leads to enhanced systolic wave reflection, central aortic stiffness, and increased left ventricular mass late after aortic coarctation repair: Evaluation with magnetic resonance flow mapping. Journal of Thoracic and Cardiovascular Surgery, 2008, 135, 62-68.	0.4	117
42	Cardiomyopathies in Propionic Aciduria are Reversible After LiverÂTransplantation. Journal of Pediatrics, 2010, 156, 128-134.	0.9	116
43	Potts Shunt in Children With Idiopathic Pulmonary Arterial Hypertension: Long-Term Results. Annals of Thoracic Surgery, 2012, 94, 817-824.	0.7	116
44	Prevalence of 22q11 deletion in fetuses with conotruncal cardiac defects: A 6-year prospective study. Journal of Pediatrics, 2001, 138, 520-524.	0.9	110
45	Steps Toward the Percutaneous Replacement of Atrioventricular Valves. Journal of the American College of Cardiology, 2005, 46, 360-365.	1.2	109
46	Vascular Remodeling After â€œSuccessfulâ€•Repair of Coarctation. Journal of the American College of Cardiology, 2007, 49, 883-890.	1.2	107
47	Noninvasive Assessment of Arterial Stiffness and Risk of Atherosclerotic Events in Children. Pediatric Research, 2005, 58, 173-178.	1.1	106
48	Pharmacokinetic and clinical profile of a novel formulation of bosentan in children with pulmonary arterial hypertension: the FUTUREâ€1 study. British Journal of Clinical Pharmacology, 2009, 68, 948-955.	1.1	105
49	Late coronary artery lesions after neonatal arterial switch operation: results of surgical coronary revascularization. European Journal of Cardio-thoracic Surgery, 2007, 31, 894-898.	0.6	103
50	Multisystem Inflammatory Syndrome in Children: An International Survey. Pediatrics, 2021, 147, .	1.0	103
51	Executive function and theory of mind in schoolâ€aged children after neonatal corrective cardiac surgery for transposition of the great arteries. Developmental Medicine and Child Neurology, 2010, 52, 1139-1144.	1.1	101
52	SARS-CoV-2â€“related MIS-C: A key to the viral and genetic causes of Kawasaki disease?. Journal of Experimental Medicine, 2021, 218, .	4.2	100
53	Increased central aortic stiffness and left ventricular mass in normotensive young subjects after successful coarctation repair. American Heart Journal, 2008, 155, 187-193.	1.2	96
54	Successful Treatment of Severe Cardiomyopathy in Glycogen Storage Disease Type III With D,L-3-Hydroxybutyrate, Ketogenic and High-Protein Diet. Pediatric Research, 2011, 70, 638-641.	1.1	96

#	Article	IF	Citations
55	Autosomal Recessive Cardiomyopathy Presenting as Acute Myocarditis. Journal of the American College of Cardiology, 2017, 69, 1653-1665.	1.2	94
56	Mechanisms of coronary complications after the arterial switch for transposition of the great arteries. Journal of Thoracic and Cardiovascular Surgery, 2013, 145, 1263-1269.	0.4	89
57	Addition of Corticosteroids to Immunoglobulins Is Associated With Recovery of Cardiac Function in Multi-Inflammatory Syndrome in Children. Circulation, 2020, 142, 2282-2284.	1.6	89
58	Risk of congenital heart defects associated with assisted reproductive technologies: a population-based evaluation. European Heart Journal, 2011, 32, 500-508.	1.0	88
59	Genetic analyses in a cohort of children with pulmonary hypertension. European Respiratory Journal, 2016, 48, 1118-1126.	3.1	84
60	Safety and Accuracy of 64-Slice Computed Tomography Coronary Angiography in Children After the Arterial Switch Operation for Transposition of the Great Arteries. JACC: Cardiovascular Imaging, 2008, 1, 331-339.	2.3	83
61	Perforation of the atretic pulmonary valve. Journal of the American College of Cardiology, 2003, 41, 1399-1403.	1.2	80
62	Population-based evaluation of a suggested anatomic and clinical classification of congenital heart defects based on the International Paediatric and Congenital Cardiac Code. Orphanet Journal of Rare Diseases, 2011, 6, 64.	1.2	79
63	Preterm Birth and Congenital Heart Defects: A Population-based Study. Pediatrics, 2012, 130, e829-e837.	1.0	79
64	Add-On Therapy with Subcutaneous Treprostinil for Refractory Pediatric Pulmonary Hypertension. Journal of Pediatrics, 2011, 158, 584-588.	0.9	78
65	Association between Prenatal Exposure to Antiretroviral Therapy and Birth Defects: An Analysis of the French Perinatal Cohort Study (ANRS CO1/CO11). PLoS Medicine, 2014, 11, e1001635.	3.9	78
66	Incidence and predictors of MelodyÂ® valve endocarditis: A prospective study. Archives of Cardiovascular Diseases, 2015, 108, 97-106.	0.7	78
67	Coronary artery compression during intention to treat right ventricle outflow with percutaneous pulmonary valve implantation: Incidence, diagnosis, and outcome. Catheterization and Cardiovascular Interventions, 2014, 83, E260-8.	0.7	75
68	Aortic arch shape deformation after coarctation surgery: Effect on blood pressure response. Journal of Thoracic and Cardiovascular Surgery, 2006, 132, 1105-1111.	0.4	74
69	Outcomes and safety of transcatheter pulmonary valve replacement in patients with large patched right ventricular outflow tracts. Archives of Cardiovascular Diseases, 2012, 105, 404-413.	0.7	74
70	Three-dimensional CT scanning: a new diagnostic modality in congenital heart disease. Heart, 2007, 93, 908-913.	1.2	73
71	Intramural coronary arteries and outcome of neonatal arterial switch operation. European Journal of Cardio-thoracic Surgery, 2010, 37, 1246-1253.	0.6	71
72	Ivabradine in Children With Dilated Cardiomyopathy and Symptomatic Chronic Heart Failure. Journal of the American College of Cardiology, 2017, 70, 1262-1272.	1.2	68

#	Article	IF	Citations
73	Late reoperations after neonatal arterial switch operation for transposition of the great arteries. European Journal of Cardio-thoracic Surgery, 2008, 34, 32-36.	0.6	67
74	MelodyÂ® transcatheter pulmonary valve implantation: Results from a French registry. Archives of Cardiovascular Diseases, 2014, 107, 607-614.	0.7	67
75	Acute Vasodilator Response in Pediatric Pulmonary Arterial Hypertension. Journal of the American College of Cardiology, 2016, 67, 1312-1323.	1.2	67
76	Vitamin K antagonists in children with heart disease: height and VKORC1 genotype are the main determinants of the warfarin dose requirement. Blood, 2012, 119, 861-867.	0.6	66
77	Arterial tortuosity syndrome: 40 new families and literature review. Genetics in Medicine, 2018, 20, 1236-1245.	1.1	66
78	The risk for four specific congenital heart defects associated with assisted reproductive techniques: a population-based evaluation. Human Reproduction, 2013, 28, 367-374.	0.4	65
79	The complex SNP and CNV genetic architecture of the increased risk of congenital heart defects in Down syndrome. Genome Research, 2013, 23, 1410-1421.	2.4	65
80	MMP21 is mutated in human heterotaxy and is required for normal left-right asymmetry in vertebrates. Nature Genetics, 2015, 47, 1260-1263.	9.4	65
81	Atypical malignant late infective endocarditis of Melody valve. Journal of Thoracic and Cardiovascular Surgery, 2012, 143, e32-e35.	0.4	64
82	Incidence and outcomes of right-sided endocarditis in patients with congenital heart disease after surgical or transcatheter pulmonary valve implantation. Journal of Thoracic and Cardiovascular Surgery, 2014, 148, 2253-2259.	0.4	63
83	Detection of coronary complications after the arterial switch operation for transposition of the great arteries: First experience with multislice computed tomography in children. Journal of Thoracic and Cardiovascular Surgery, 2006, 131, 639-643.	0.4	62
84	Acute angulation of the aortic arch predisposes a patient to ascending aortic dilatation and aortic regurgitation late after the arterial switch operation for transposition of the great arteries. Journal of Thoracic and Cardiovascular Surgery, 2008, 135, 568-572.	0.4	62
85	Pulmonary hypertension in children with congenital heart disease (PAH-CHD, PPHVD-CHD). 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, ii42-ii48.	1.2	62
86	Impact of prenatal diagnosis on survival of newborns with four congenital heart defects: a prospective, population-based cohort study in France (the EPICARD Study). BMJ Open, 2017, 7, e018285.	0.8	60
87	Prognosis Factors in Probands With an FBN1 Mutation Diagnosed Before the Age of 1 Year. Pediatric Research, 2011, 69, 265-270.	1.1	59
88	Design for the sacubitril/valsartan (LCZ696) compared with enalapril study of pediatric patients with heart failure due to systemic left ventricle systolic dysfunction (PANORAMA-HF study). American Heart Journal, 2017, 193, 23-34.	1.2	58
89	Surgical angioplasty of the main coronary arteries in children. Journal of Thoracic and Cardiovascular Surgery, 1999, 117, 352-357.	0.4	56
90	Aneurysm of the right ventricular outflow following bovine valved venous conduit insertion. European Journal of Cardio-thoracic Surgery, 2003, 23, 122-124.	0.6	56

#	Article	IF	Citations
91	Can â€œInoperableâ€•Congenital Heart Defects Become Operable in Patients with Pulmonary Arterial Hypertension? Dream or Reality?. Congenital Heart Disease, 2012, 7, 3-11.	0.0	53
92	Whole-exome sequencing to analyze population structure, parental inbreeding, and familial linkage. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 6713-6718.	3.3	53
93	The Ross Procedure in Infants and Young Children. Annals of Thoracic Surgery, 2008, 85, 803-808.	0.7	52
94	Treprostinil increases the number and angiogenic potential of endothelial progenitor cells in children with pulmonary hypertension. Angiogenesis, 2011, 14, 17-27.	3.7	52
95	Myocardial inflammation detected by cardiac MRI in Arrhythmogenic right ventricular cardiomyopathy: A paediatric case series. International Journal of Cardiology, 2018, 271, 81-86.	0.8	52
96	A gene for Holtâ€“Oram syndrome maps to the distal long arm of chromosome 12. Nature Genetics, 1994, 6, 405-408.	9.4	51
97	Bodyweight-adjusted rivaroxaban for children with venous thromboembolism (EINSTEIN-Jr): results from three multicentre, single-arm, phase 2 studies. Lancet Haematology,the, 2019, 6, e500-e509.	2.2	51
98	Fatal Rhabdomyolysis in 2 Children with LPIN1 Mutations. Journal of Pediatrics, 2012, 160, 1052-1054.	0.9	50
99	Outcome of coronary artery bypass grafting performed in young children. Journal of Thoracic and Cardiovascular Surgery, 2010, 139, 349-353.	0.4	49
100	Expanding the phenotype associated with a desmoplakin dominant mutation: Carvajal/Naxos syndrome associated with leukonychia and oligodontia. International Journal of Cardiology, 2012, 161, 50-52.	0.8	49
101	Safety and efficacy of rivaroxaban in pediatric cerebral venous thrombosis (EINSTEIN-Jr CVT). Blood Advances, 2020, 4, 6250-6258.	2.5	49
102	Executive Functions Development in 5- to 7-Year-Old Children With Transposition of the Great Arteries: A Longitudinal Study. Developmental Neuropsychology, 2014, 39, 365-384.	1.0	48
103	Discordances Between Pre-Natal andÂPost-Natal Diagnoses of CongenitalÂHeartÂDiseases and ImpactÂonÂCare Strategies. Journal of the American College of Cardiology, 2016, 68, 921-930.	1.2	48
104	3D-Printed Models for Surgical Planning in Complex Congenital Heart Diseases: A Systematic Review. Frontiers in Pediatrics, 2019, 7, 23.	0.9	48
105	Remote control of pulmonary blood flow: initial clinical experience. Journal of Thoracic and Cardiovascular Surgery, 2003, 126, 1775-1780.	0.4	47
106	Neurocognitive and Psychological Outcomes in Adults With Dextro-Transposition of the Great Arteries Corrected by the Arterial Switch Operation. Annals of Thoracic Surgery, 2018, 105, 830-836.	0.7	47
107	Characteristics and management of cleft mitral valve. Journal of the American College of Cardiology, 2003, 42, 1988-1993.	1.2	46
108	Off-pump replacement of the pulmonary valve in large right ventricular outflow tracts: A hybrid approach. Journal of Thoracic and Cardiovascular Surgery, 2005, 129, 831-837.	0.4	45

#	Article	IF	Citations
109	Patent Ductus Arteriosus Stenting (Transcatheter Potts Shunt) for Palliation of Suprasystemic Pulmonary Arterial Hypertension. Circulation: Cardiovascular Interventions, 2013, 6, e18-20.	1.4	45
110	In Utero Exposure to Zidovudine and Heart Anomalies in the ANRS French Perinatal Cohort and the Nested PRIMEVA Randomized Trial. Clinical Infectious Diseases, 2015, 61, 270-280.	2.9	45
111	Neonatal Surgical Aortic Commissurotomy: Predictors of Outcome and Long-Term Results. Annals of Thoracic Surgery, 2006, 82, 1585-1592.	0.7	44
112	Severe Nocturnal and Postexercise Hypoxia in Children and Adolescents with Sickle Cell Disease. PLoS ONE, 2014, 9, e97462.	1.1	44
113	Use of bovine jugular vein to reconstruct the right ventricular outflow tract: early results. Journal of Thoracic and Cardiovascular Surgery, 2003, 126, 490-497.	0.4	43
114	Foetal echocardiographic assessment of tetralogy of Fallot and post-natal outcome. European Heart Journal, 2008, 29, 1432-1438.	1.0	43
115	Key issues of daily life in adults with congenital heart disease. Archives of Cardiovascular Diseases, 2013, 106, 404-412.	0.7	43
116	Impact of a centre and home-based cardiac rehabilitation program on the quality of life of teenagers and young adults with congenital heart disease: The QUALI-REHAB study rationale, design and methods. International Journal of Cardiology, 2019, 283, 112-118.	0.8	43
117	Educational needs of adolescents with congenital heart disease: Impact of a transition intervention programme. Archives of Cardiovascular Diseases, 2017, 110, 317-324.	0.7	42
118	Endothelial-dependent vasodilation is impaired in children with sickle cell disease. Haematologica, 2007, 92, 1709-1710.	1.7	41
119	Clinical features and management of arterial hypertension in children with Williams-Beuren syndrome. Nephrology Dialysis Transplantation, 2010, 25, 434-438.	0.4	41
120	Percutaneous closure of patent ductus arteriosus in premature infants: A French national survey. Catheterization and Cardiovascular Interventions, 2020, 95, 71-77.	0.7	41
121	Severe cardiac involvement in children with systemic sclerosis and myositis. Journal of Rheumatology, 2002, 29, 1767-73.	1.0	40
122	Surgical Reconstruction of Occluded Pulmonary Arteries in Patients With Congenital Heart Disease. Circulation, 2004, 109, 2314-2318.	1.6	39
123	Biallelic PPA2 Mutations Cause Sudden Unexpected Cardiac Arrest in Infancy. American Journal of Human Genetics, 2016, 99, 666-673.	2.6	39
124	Burkholderia cepacia Is Associated with Pulmonary Hypertension and Increased Mortality among Cystic Fibrosis Patients. Journal of Clinical Microbiology, 2004, 42, 5537-5541.	1.8	38
125	Genetics and embryological mechanisms of congenital heart diseases. Archives of Cardiovascular Diseases, 2009, 102, 59-63.	0.7	38
126	Right Ventricular Systolic Strain Is Altered in Children with Sickle Cell Disease. Journal of the American Society of Echocardiography, 2012, 25, 511-517.	1.2	38

#	Article	IF	Citations
127	Search for Rare Copy-Number Variants in Congenital Heart Defects Identifies Novel Candidate Genes and a Potential Role for FOXC1 in Patients With Coarctation of the Aorta. Circulation: Cardiovascular Genetics, 2016, 9, 86-94.	5.1	38
128	A monocyte/dendritic cell molecular signature of SARS-CoV-2-related multisystem inflammatory syndrome in children with severe myocarditis. Med, 2021, 2, 1072-1092.e7.	2.2	38
129	Can we predict 22q11 status of fetuses with tetralogy of Fallot?. Prenatal Diagnosis, 2002, 22, 231-234.	1.1	37
130	FUTURE-2: Results from an open-label, long-term safety and tolerability extension study using the pediatric FormUlation of bosenTan in pUlmonary arterial hypeRtEnsion. International Journal of Cardiology, 2016, 202, 52-58.	0.8	37
131	Outcome of adults with Eisenmenger syndrome treated with drugs specific to pulmonary arterial hypertension: A French multicentre study. Archives of Cardiovascular Diseases, 2017, 110, 303-316.	0.7	37
132	Incidence, risk factors, and mortality of neonatal and late-onset dilated cardiomyopathy associated with cardiac neonatal lupus. International Journal of Cardiology, 2017, 248, 263-269.	0.8	37
133	Non-invasive assessment of congenital pulmonary vein stenosis in children using cardiac-non-gated CT with 64-slice technology. European Journal of Radiology, 2009, 70, 595-599.	1.2	36
134	Surgical Management of Supravalvular Aortic Stenosis: Does Brom Three-Patch Technique Provide Superior Results?. Annals of Thoracic Surgery, 2009, 88, 588-593.	0.7	36
135	Temporal trends and changing profile of adults with congenital heart disease undergoing heart transplantation. European Heart Journal, 2016, 37, 783-789.	1.0	36
136	Myocardial Stiffness Assessment Using Shear Wave Imaging in Pediatric Hypertrophic Cardiomyopathy. JACC: Cardiovascular Imaging, 2018, 11, 779-781.	2.3	36
137	Complications of paediatric interventional catheterisation: an analysis of risk factors. Cardiology in the Young, 2005, 15, 402-408.	0.4	35
138	Common arterial trunk repair: with conduit or without?â˜†. European Journal of Cardio-thoracic Surgery, 2009, 36, 675-682.	0.6	35
139	Laronidase for Cardiopulmonary Disease in Hurler Syndrome 12 Years After Bone Marrow Transplantation. Pediatrics, 2010, 126, e1242-e1247.	1.0	35
140	Safety, efficacy and Management of subcutaneous treprostinil infusions in the treatment of severe pediatric pulmonary hypertension. International Journal of Cardiology, 2018, 264, 153-157.	0.8	35
141	Safety and efficacy of anticoagulant therapy in pediatric catheter-related venous thrombosis (EINSTEIN-Jr CVC-VTE). Blood Advances, 2020, 4, 4632-4639.	2.5	35
142	Circulating Endothelial Cells in Refractory Pulmonary Hypertension in Children: Markers of Treatment Efficacy and Clinical Worsening. PLoS ONE, 2013, 8, e65114.	1.1	35
143	Transhepatic Ultrasound-Guided Cardiac Catheterization in the Fetal Lamb. Circulation, 2005, 111, 736-741.	1.6	34
144	A new strategy for the surgical treatment of aortic coarctation associated with ventricular septal defect in infants using an absorbable pulmonary artery band. Journal of the American College of Cardiology, 1999, 34, 866-870.	1.2	33

#	Article	IF	Citations
145	Congenital Heart Defects in Patients with Deletions Upstream ofSOX9. Human Mutation, 2013, 34, 1628-1631.	1.1	33
146	Heterozygous Mutations in MAP3K7 , Encoding TGF-Î²-Activated Kinase 1, Cause Cardiospondylocarpofacial Syndrome. American Journal of Human Genetics, 2016, 99, 407-413.	2.6	33
147	Safety and Feasibility of the Transcatheter Approach to Create a Reverse Potts Shunt in Children With Idiopathic Pulmonary Arterial Hypertension. Canadian Journal of Cardiology, 2017, 33, 1188-1196.	0.8	33
148	Primary Cytomegalovirus Infection, Atypical Kawasaki Disease, and Coronary Aneurysms in 2 Infants. Clinical Infectious Diseases, 2005, 41, e53-e56.	2.9	32
149	Percutaneous treatment of neonatal aortic coarctation presenting with severe left ventricular dysfunction as a bridge to surgery. Cardiology in the Young, 2009, 19, 244.	0.4	32
150	Epithelial barrier dysfunction in desmoglein-1 deficiency. Journal of Allergy and Clinical Immunology, 2018, 142, 702-706.e7.	1.5	31
151	Branch Pulmonary Artery Jailing With a Bare Metal Stent to Anchor a Transcatheter Pulmonary Valve in Patients With Patched Large Right Ventricular Outflow Tract. Circulation: Cardiovascular Interventions, 2012, 5, e22-5.	1.4	30
152	Longitudinal strain of systemic right ventricle correlates with exercise capacity in adult with transposition of the great arteries after atrial switch. International Journal of Cardiology, 2016, 217, 28-34.	0.8	30
153	Associated genetic syndromes and extracardiac malformations strongly influence outcomes of fetuses with congenital heart diseases. Archives of Cardiovascular Diseases, 2016, 109, 330-336.	0.7	30
154	Characteristics and outcomes of heart failure-related hospitalization in adults with congenital heart disease. Archives of Cardiovascular Diseases, 2017, 110, 283-291.	0.7	30
155	Comparison of Endothelial Biomarkers According to Reversibility of Pulmonary Hypertension Secondary to Congenital Heart Disease. Pediatric Cardiology, 2010, 31, 657-662.	0.6	29
156	Anatomy of the ventricular septal defect in outflow tract defects: Similarities and differences. Journal of Thoracic and Cardiovascular Surgery, 2015, 149, 682-688.e1.	0.4	29
157	Pulmonary Hypertension in the Preterm Infant with Chronic Lung Disease can be Caused by Pulmonary Vein Stenosis: A Must-Know Entity. Pediatric Cardiology, 2016, 37, 313-321.	0.6	29
158	Fibromuscular dysplasia as the substrate for systemic and pulmonary hypertension in the setting of Moya-Moya disease. Cardiology in the Young, 2006, 16, 495-497.	0.4	28
159	Arterial alterations in severely obese children with obstructive sleep apnoea. Pediatric Obesity, 2010, 5, 230-236.	3.2	28
160	Health-related quality of life of patients with pulmonary arterial hypertension associated with CHD: the multicentre cross-sectional ACHILLE study. Cardiology in the Young, 2016, 26, 1250-1259.	0.4	28
161	High incidence and variable clinical outcome of cardiac hypertrophy due to ACAD9 mutations in childhood. European Journal of Human Genetics, 2016, 24, 1112-1116.	1.4	27
162	Anomalous aortic origin of coronary arteries: an alternative to the unroofing strategy. European Journal of Cardio-thoracic Surgery, 2020, 58, 975-982.	0.6	27

#	Article	IF	Citations
163	Surprising outcome similarities between ContegraÂ® bovine jugular vein conduit and Shelhigh No-ReactÂ® porcine pulmonary valve conduit: role of immunologic reaction. European Journal of Cardio-thoracic Surgery, 2003, 24, 850-851.	0.6	26
164	Patients Operated for Tetralogy of Fallot and with Non-Sustained Ventricular Tachycardia Have Reduced Heart Rate Variability. Herz, 2004, 29, 304-309.	0.4	26
165	Facial expression recognition and emotion understanding in children after neonatal openâ€heart surgery for transposition of the great arteries. Developmental Medicine and Child Neurology, 2014, 56, 564-571.	1.1	26
166	Rivaroxaban, a direct Factor Xa inhibitor, versus acetylsalicylic acid as thromboprophylaxis in children postâ€“Fontan procedure: Rationale and design of a prospective, randomized trial (the) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	1.2	26
167	Conotruncal defects associated with anomalous pulmonary venous connections. Archives of Cardiovascular Diseases, 2009, 102, 105-110.	0.7	25
168	Population-based study of cognitive outcomes in congenital heart defects. Archives of Disease in Childhood, 2018, 103, 49-56.	1.0	25
169	Association between prophylactic angiotensin-converting enzyme inhibitors and overall survival in Duchenne muscular dystrophyâ€”analysis of registry data. European Heart Journal, 2021, 42, 1976-1984.	1.0	25
170	Absorbable pulmonary artery banding in tricuspid atresia. Annals of Thoracic Surgery, 2001, 71, 360-361.	0.7	24
171	A bosentan pharmacokinetic study to investigate dosing regimens in paediatric patients with pulmonary arterial hypertension: FUTUREâ€3. British Journal of Clinical Pharmacology, 2017, 83, 1734-1744.	1.1	24
172	Pulmonary-to-Systemic Arterial Shunt toÂTreat Children With Severe PulmonaryÂHypertension. Journal of the American College of Cardiology, 2021, 78, 468-477.	1.2	24
173	Impacts of prenatal diagnosis of congenital heart diseases on outcomes. Translational Pediatrics, 2021, 10, 2241-2249.	0.5	24
174	A systematic variant screening in familial cases of congenital heart defects demonstrates the usefulness of molecular genetics in this field. European Journal of Human Genetics, 2016, 24, 228-236.	1.4	23
175	Pulmonary arterial hypertension in children after neonatal arterial switch operation. Heart, 2017, 103, 1244-1249.	1.2	23
176	Neuropsychological and Psychiatric Outcomes in Dextro-Transposition of the Great Arteries across the Lifespan: A State-of-the-Art Review. Frontiers in Pediatrics, 2017, 5, 59.	0.9	23
177	Children Born with Congenital Heart Defects and Growth Restriction at Birth: A Systematic Review and Meta-Analysis. International Journal of Environmental Research and Public Health, 2020, 17, 3056.	1.2	22
178	Mid-term effects of implanting stents for relief of aortic recoarctation on systemic hypertension, carotid mechanical properties, intimal medial thickness and reflection of the pulse wave. Cardiology in the Young, 2005, 15, 245-250.	0.4	21
179	Meal Amino Acids with Varied Levels of Arginine do Not Affect Postprandial Vascular Endothelial Function in Healthy Young Men. Journal of Nutrition, 2007, 137, 1383-1389.	1.3	21
180	Bicuspid pulmonary valve in transposition of the great arteries: impact on outcome. European Journal of Cardio-thoracic Surgery, 2012, 41, 248-255.	0.6	21

#	Article	IF	Citations
181	Neonatal right ventricle to pulmonary connection as a palliative procedure for pulmonary atresia with ventricular septal defect or severe tetralogy of Fallot. European Journal of Cardio-thoracic Surgery, 2014, 45, 278-288.	0.6	21
182	Neonatal management and outcomes of prenatally diagnosed CHDs. Cardiology in the Young, 2017, 27, 344-353.	0.4	21
183	Cardiac Phenotype and Long-Term Follow-Up of Patients With Mutations in NKX2-5 Gene. Journal of the American College of Cardiology, 2016, 68, 2389-2390.	1.2	20
184	Growth in children with pulmonary arterial hypertension: a longitudinal retrospective multiregistry study. Lancet Respiratory Medicine,the, 2016, 4, 281-290.	5.2	20
185	Risk factors of mortality and recoarctation after coarctation repair in infancy. Interactive Cardiovascular and Thoracic Surgery, 2019, 29, 469-475.	0.5	20
186	Accuracy of claim data in the identification and classification of adults with congenital heart diseases in electronic medical records. Archives of Cardiovascular Diseases, 2019, 112, 31-43.	0.7	20
187	Early neonatal death and congenital left coronary abnormalities: Ostial atresia, stenosis and anomalous aortic origin. Archives of Cardiovascular Diseases, 2013, 106, 202-208.	0.7	19
188	Treatment of pediatric pulmonary arterial hypertension: A focus on the NOâ€sGCâ€cGMP pathway. Pediatric Pulmonology, 2019, 54, 1516-1526.	1.0	19
189	Infection by the respiratory syncytial virus in infants and young children at high risk. Cardiology in the Young, 2005, 15, 256-265.	0.4	18
190	Cardiac function and exercise adaptation in 8 children with LPIN1 mutations. Molecular Genetics and Metabolism, 2018, 123, 375-381.	0.5	18
191	Investigation of the MYH11 gene in sporadic patients with an isolated persistently patent arterial duct. Cardiology in the Young, 2007, 17, 666-72.	0.4	17
192	Acute Ischemic Cardiomyopathy after Extreme Emotional Stress in a Child. Congenital Heart Disease, 2009, 4, 387-390.	0.0	17
193	Transcatheter valve insertion in a model of enlarged right ventricular outflow tracts. Journal of Thoracic and Cardiovascular Surgery, 2010, 139, 198-208.	0.4	17
194	Computational modeling of blood flow in the aortaâ€"insights intoÂeccentric dilatation of the ascending aorta after surgery for coarctation. Journal of Thoracic and Cardiovascular Surgery, 2014, 148, 1572-1582.	0.4	17
195	Anomalous Left Coronary Artery Connected to the Pulmonary Artery Associated With Other Cardiac Defects: A Difficult Joint Diagnosis. Pediatric Cardiology, 2014, 35, 1198-1205.	0.6	17
196	Geleophysic and acromicric dysplasias: natural history, genotypeâ€"phenotype correlations, and management guidelines from 38 cases. Genetics in Medicine, 2021, 23, 331-340.	1.1	17
197	Health-e-Child Project: Mechanical Dyssynchrony in Children with Dilated Cardiomyopathy. Journal of the American Society of Echocardiography, 2009, 22, 1289-1295.	1.2	16
198	The pattern of the coronary arterial orifices in hearts with congenital malformations of the outflow tracts: a marker of rotation of the outflow tract during cardiac development?. Journal of Anatomy, 2013, 222, 349-357.	0.9	16

#	Article	IF	Citations
199	Pulmonary Hypoplasia Associated with Congenital Heart Diseases: A Fetal Study. PLoS ONE, 2014, 9, e93557.	1.1	16
200	Radiation dose reduction in paediatric coronary computed tomography: assessment of effective dose and image quality. European Radiology, 2016, 26, 2030-2038.	2.3	16
201	Outcomes of palliative right ventricle to pulmonary artery connection for pulmonary atresia with ventricular septal defectâ€. European Journal of Cardio-thoracic Surgery, 2017, 52, 590-598.	0.6	16
202	Single coronary artery and neonatal arterial switch operation: early and long-term outcomesâ€. European Journal of Cardio-thoracic Surgery, 2017, 52, 90-95.	0.6	16
203	Projected Future Cancer Risks in Children Treated With Fluoroscopy-Guided Cardiac Catheterization Procedures. Circulation: Cardiovascular Interventions, 2018, 11, e006765.	1.4	16
204	Outcome of, and risk factors for, second degree atrioventricular block in children. Cardiology in the Young, 1996, 6, 315-319.	0.4	15
205	Comparison of myocardial perfusion single-photon emission computed tomography with coronary artery angiography after arterial switch operation. American Journal of Cardiology, 2001, 87, 1425-1427.	0.7	15
206	Measurement of nuchal translucency for prenatal screening of congenital heart defects: a populationâ€based evaluation. Prenatal Diagnosis, 2011, 31, 1264-1269.	1.1	15
207	Cognitive outcomes and health-related quality of life in adults two decades after the arterial switch operation for transposition of the great arteries. Journal of Thoracic and Cardiovascular Surgery, 2017, 154, 1028-1035.	0.4	15
208	Quality of life in children participating in a non-selective INR self-monitoring VKA-education programme. Archives of Cardiovascular Diseases, 2018, 111, 180-188.	0.7	15
209	Paracetamol/Acetaminophen During Pregnancy Induces Prenatal Ductus Arteriosus Closure. Pediatrics, 2018, 142, .	1.0	15
210	Common Genetic Variants Contribute to Risk of Transposition of the Great Arteries. Circulation Research, 2022, 130, 166-180.	2.0	15
211	Management and outcome of patients with abnormal ventriculo-arterial connections and mitral valve cleft. Annals of Thoracic Surgery, 2002, 74, 786-791.	0.7	14
212	Elastin mutation is associated with a reduced gain of the baroreceptor - heart rate reflex in patients with Williams syndrome. Clinical Autonomic Research, 2002, 12, 72-77.	1.4	14
213	Type 2 short QT syndrome and vestibular dysfunction: Mirror of the Jervell and Lange-Nielsen syndrome?. International Journal of Cardiology, 2014, 171, 291-293.	0.8	14
214	Clinical presentation and therapeutic management of venous thrombosis in young children: a retrospective analysis. Thrombosis Journal, 2018, 16, 29.	0.9	14
215	Aortic angle is associated with neo-aortic root dilatation and regurgitation following arterial switch operation. International Journal of Cardiology, 2019, 280, 53-56.	0.8	14
216	Long-Term Neurodevelopmental Outcomes of Children with Congenital Heart Defects. Journal of Pediatrics, 2021, 237, 109-114.e5.	0.9	14

#	Article	IF	Citations
217	Atrio-ventricular valve dysplasia in 22 newborn infants. International Journal of Cardiology, 1997, 59, 113-118.	0.8	13
218	Unusual Form of Truncus Arteriosus Associated With 22q11 Deletion. Circulation, 2002, 106, e191.	1.6	13
219	Off-label use of an adjustable gastric banding system for pulmonary artery banding. Journal of Thoracic and Cardiovascular Surgery, 2006, 131, 1130-1135.	0.4	13
220	Home point-of-care international normalised ratio monitoring sustained by a non-selective educational program in children. Thrombosis and Haemostasis, 2012, 108, 710-718.	1.8	13
221	Acquired coronary disease in children: the role of multimodality imaging. Pediatric Radiology, 2013, 43, 444-453.	1.1	13
222	Cardiomyopathies and congenital heart diseases in Shwachmanâ€“Diamond syndrome: A national survey. International Journal of Cardiology, 2013, 167, 1048-1050.	0.8	13
223	Assessing sociodemographic differences (or lack thereof) in prenatal diagnosis of congenital heart defects: a population-based study. BMJ Open, 2016, 6, e009353.	0.8	13
224	Double-Outlet Right Ventricle With Noncommitted Ventricular Septal Defect and 2 Adequate Ventricles: Is Anatomical Repair Advantageous?. Seminars in Thoracic and Cardiovascular Surgery, 2016, 28, 69-77.	0.4	13
225	Low-dose paediatric cardiac and thoracic computed tomography with prospective triggering: Is it possible at any heart rate?. Physica Medica, 2018, 49, 99-104.	0.4	13
226	Mitral valvar regurgitation in a child with Sweet's syndrome. Cardiology in the Young, 2007, 17, 218-219.	0.4	12
227	FOX gene cluster defects in alveolar capillary dysplasia associated with congenital heart disease. Cardiology in the Young, 2013, 23, 697-704.	0.4	12
228	Case of a healthy infant born following antenatal enterovirus myocarditis and hydrops. Journal of Clinical Virology, 2014, 61, 459-462.	1.6	12
229	Treatment initiation in paediatric pulmonary hypertension: insights from a multinational registry. Cardiology in the Young, 2017, 27, 1123-1132.	0.4	12
230	Midterm results of percutaneous closure of very large atrial septal defects in children: role of multislice computed tomography. EuroIntervention, 2012, 7, 1428-1434.	1.4	12
231	Development of a device for transcatheter pulmonary artery banding: evaluation in animals. European Heart Journal, 2006, 27, 3065-3072.	1.0	11
232	Anaemia is a predictor of early death or cardiac transplantation in children with idiopathic dilated cardiomyopathy. Cardiology in the Young, 2012, 22, 293-300.	0.4	11
233	Impact of right ventricular outflow tract size and substrate on outcomes of percutaneous pulmonary valve implantation. Archives of Cardiovascular Diseases, 2013, 106, 19-26.	0.7	11
234	Structure and function of the ascending aorta in palliated transposition of the great arteries. International Journal of Cardiology, 2013, 165, 458-462.	0.8	11

#	Article	IF	Citations
235	Percutaneous pulmonary MelodyÂ® valve implantation in small conduits. Archives of Cardiovascular Diseases, 2017, 110, 517-524.	0.7	11
236	Administrative health databases for addressing emerging issues in adults with CHD: a systematic review. Cardiology in the Young, 2018, 28, 844-853.	0.4	11
237	Pharmacokinetics and safety of tadalafil in a paediatric population with pulmonary arterial hypertension: A multiple ascendingâ€dose study. British Journal of Clinical Pharmacology, 2019, 85, 2302-2309.	1.1	11
238	Meaningful and feasible composite clinical worsening definitions in paediatric pulmonary arterial hypertension: An analysis of the TOPP registry. International Journal of Cardiology, 2019, 289, 110-115.	0.8	11
239	Cleft of the mitral valve in patients with Down's syndrome. Cardiology in the Young, 2002, 12, 27-31.	0.4	10
240	Scimitar syndrome associated with absence of the right pulmonary artery and a persistent primitive hepatic venous plexus. Cardiology in the Young, 2005, 15, 216-218.	0.4	10
241	Neonatal transcatheter closure of a large pulmonary arteriovenous fistula. Cardiology in the Young, 2006, 16, 593-595.	0.4	10
242	Nontoxinogenic Corynebacterium Diphtheriae as a Rare Cause of Native Endocarditis in Childhood. Pediatric Infectious Disease Journal, 2010, 29, 886-888.	1.1	10
243	Hyperacute flash pulmonary oedema after transcatheter pulmonary valve implantation: The melody of an overwhelmed left ventricle. Archives of Cardiovascular Diseases, 2014, 107, 219-224.	0.7	10
244	Closure of Fontan fenestration with the use of covered stents: short- and mid-term results in a cohort of 50 patients. Cardiology in the Young, 2015, 25, 868-873.	0.4	10
245	Mosaic Tetrasomy 9p: A Mendelian Condition Associated With Pediatric-Onset Overlap Myositis. Pediatrics, 2015, 136, e544-e547.	1.0	10
246	Impaired atrioventricular transport in patients with transposition of the great arteries palliated by atrial switch and preserved systolic right ventricular function: A magnetic resonance imaging study. Congenital Heart Disease, 2017, 12, 458-466.	0.0	10
247	Usefulness of stroke volume monitoring during upright ramp incremental cycle exercise in young patients with Fontan circulation. International Journal of Cardiology, 2017, 227, 625-630.	0.8	10
248	Successful in utero transesophageal pacing forÂsevere drug-resistant tachyarrhythmia. American Journal of Obstetrics and Gynecology, 2018, 219, 320-325.	0.7	10
249	Preliminary Experience With the New Amplatzerâ„¢ Trevisioâ„¢ Delivery System in Transcatheter Atrial Septal Defect Closures in Children. Frontiers in Pediatrics, 2021, 9, 641742.	0.9	10
250	Evolution of acute myocarditis in a pediatric population: An MRI based study. International Journal of Cardiology, 2021, 329, 226-233.	0.8	10
251	Efficacy and safety of tadalafil in a pediatric population with pulmonary arterial hypertension: phase 3 randomized, doubleâ€blind placeboâ€controlled study. Pulmonary Circulation, 2021, 11, 1-8.	0.8	10
252	Transcatheter Occlusion of a Large Aortoazygos Fistula Using the Amplatzer Device. Journal of Interventional Cardiology, 2002, 15, 205-207.	0.5	9

#	Article	IF	Citations
253	Unusual systemic venous return with absence of superior caval veins. Journal of Thoracic and Cardiovascular Surgery, 2007, 133, 1368-1369.	0.4	9
254	Post-operative cardiac lesions after cardiac surgery in childhood. Pediatric Radiology, 2010, 40, 885-894.	1.1	9
255	Do tertiary paediatric hospitals deal with the same spectrum of paediatric pulmonary hypertension as multicentre registries?. European Respiratory Journal, 2013, 41, 236-239.	3.1	9
256	Novel method of surgical preparation for transcatheter completion of Fontan circulation: Creation of an extracardiac pathway. Archives of Cardiovascular Diseases, 2014, 107, 371-380.	0.7	9
257	Usefulness of maximal oxygen pulse in timing of pulmonary valve replacement in patients with isolated pulmonary regurgitation. Cardiology in the Young, 2016, 26, 1310-1318.	0.4	9
258	Neopulmonary Outflow Tract Obstruction Assessment by 4D Flow MRI in Adults With Transposition of the Great Arteries After Arterial Switch Operation. Journal of Magnetic Resonance Imaging, 2020, 51, 1699-1705.	1.9	9
259	Efficacy of phosphodiesterase type 5 inhibitors in univentricular congenital heart disease: the SVâ€INHIBITION study design. ESC Heart Failure, 2020, 7, 747-756.	1.4	9
260	Right ventricular outflow tract prestenting with AndraStent XXL before percutaneous pulmonary valve implantation. Archives of Cardiovascular Diseases, 2020, 113, 113-120.	0.7	9
261	Endothelial Dysfunction as a Component of Severe Acute Respiratory Syndrome Coronavirus 2â€“Related Multisystem Inflammatory Syndrome in Children With Shock. Critical Care Medicine, 2021, Publish Ahead of Print, e1151-e1156.	0.4	9
262	Clinical Presentation and Heart Failure in Children With Arrhythmogenic Cardiomyopathy. Circulation: Arrhythmia and Electrophysiology, 2022, 15, CIRCEP121010346.	2.1	9
263	Pathophysiological pathway differences in children who present with COVID-19 ARDS compared to COVID -19 induced MIS-C. Nature Communications, 2022, 13, 2391.	5.8	9
264	Stent supported angioplasty for coronary arterial stenosis following the arterial switch operation. Catheterization and Cardiovascular Interventions, 2002, 56, 278-280.	0.7	8
265	Pediatric Coronary Artery Bypass After Arterial Switch Operation: Noninvasive Evaluation With ECG-Gated 64-Slice CT in Routine Practice. Annals of Thoracic Surgery, 2007, 84, 1398-1399.	0.7	8
266	Left coronary to right ventricle fistula in a child: management strategy based on cardiac-gated 64-slice CT. Pediatric Radiology, 2008, 38, 325-327.	1.1	8
267	Cardiac CT angiography after coronary artery surgery in children using 64-slice CT scan. European Journal of Radiology, 2009, 71, 492-497.	1.2	8
268	Optimal follow-up in adult patients with congenital heart disease and chronic pulmonary regurgitation: Towards tailored use of cardiac magnetic resonance imaging. Archives of Cardiovascular Diseases, 2013, 106, 27-35.	0.7	8
269	Toward Noninvasive Assessment of CVPÂVariations Using Real-Time and Quantitative Liver Stiffness Estimation. JACC: Cardiovascular Imaging, 2017, 10, 1285-1286.	2.3	8
270	Tetralogy of Fallot and abnormal coronary artery: use of a prosthetic conduit is outdated. European Journal of Cardio-thoracic Surgery, 2019, 56, 94-100.	0.6	8

#	Article	IF	Citations
271	Outcomes of sustained fetal tachyarrhythmias after transplacental treatment. Heart Rhythm O2, 2021, 2, 160-167.	0.6	8
272	Exposure to low-dose ionising radiation from cardiac catheterisation and risk of cancer: the COCCINELLE study cohort profile. BMJ Open, 2021, 11, e048576.	0.8	8
273	Hypertelorism-Microtia-Clefting Syndrome (Bixler syndrome): report of two unrelated cases. Clinical Dysmorphology, 2001, 10, 15-18.	0.1	7
274	Endothelial Function and Mechanical Properties of the Common Carotid Artery in Children on Parenteral Nutrition. Pediatric Research, 2004, 55, 789-793.	1.1	7
275	Definitive Diagnosis of Obstructed Total Anomalous Pulmonary Venous Drainage in a Critically Ill Newborn With High-Resolution Computed Tomography. Circulation, 2006, 114, e646-7.	1.6	7
276	Right superior vena cava draining into the left atrium. Pediatric Radiology, 2008, 38, 912-914.	1.1	7
277	Preoperative evaluation of candidates for total cavopulmonary connection: The role of echocardiography and cardiac catheterization. Archives of Cardiovascular Diseases, 2009, 102, 303-309.	0.7	7
278	Unknown Complication of Arterial Switch Operation. Circulation, 2013, 128, e466-8.	1.6	7
279	Cardiac Magnetic Resonance Myocardial Perfusion After Arterial Switch for Transposition of Great Arteries. JACC: Cardiovascular Imaging, 2018, 11, 778-779.	2.3	7
280	Idiopathic, heritable and veno-occlusive pulmonary arterial hypertension in childhood: computed tomography angiography features in the initial assessment of the disease. Pediatric Radiology, 2019, 49, 575-585.	1.1	7
281	Health-related quality of life and physical activity in children with inherited cardiac arrhythmia or inherited cardiomyopathy: the prospective multicentre controlled QUALIMYORYTHM study rationale, design and methods. Health and Quality of Life Outcomes, 2021, 19, 187.	1.0	7
282	Epigenetics and Congenital Heart Diseases. Journal of Cardiovascular Development and Disease, 2022, 9, 185.	0.8	7
283	Anomalous origin of the left coronary artery from the right aortic sinus: surgery based on diagnosis by 64-slice CT. European Journal of Cardio-thoracic Surgery, 2006, 29, 610-610.	0.6	6
284	Cardiac Teratoma in a Newborn With Right Ventricular Outflow Tract Obstruction. Circulation, 2006, 113, e17-8.	1.6	6
285	The French registry of pulmonary arterial hypertension in children: rationale and design. Current Medical Research and Opinion, 2007, 23, S27-S33.	0.9	6
286	Ostial Stenosis of an Anomalous Left Coronary Artery from the Pulmonary Artery in a Teenager. Pediatric Cardiology, 2009, 30, 1194-1195.	0.6	6
287	Influence of polymorphisms in candidate genes on early vascular alterations in obese children. Archives of Cardiovascular Diseases, 2010, 103, 10-18.	0.7	6
288	Hypoplastic left heart syndrome: a novel surgical strategy for small-volume centres?â€. European Journal of Cardio-thoracic Surgery, 2017, 51, 1003-1008.	0.6	6

#	Article	IF	Citations
289	Recommendations from the Association for European Paediatric and Congenital Cardiology for clinical training in paediatric heart failure and transplantation. Cardiology in the Young, 2018, 28, 1295-1298.	0.4	6
290	A case of reversible pulmonary arterial hypertension associated with incontinentia pigmenti. Pulmonary Circulation, 2018, 8, 1-3.	0.8	6
291	Transcatheter patent arterial duct closure in premature infants: A new technique to ease access to the patent arterial duct, with particular benefit for the tricuspid valve. Archives of Cardiovascular Diseases, 2021, 114, 482-489.	0.7	6
292	Catheter ablation in adults with congenital heart disease: A 15-year perspective from a tertiary centre. Archives of Cardiovascular Diseases, 2021, 114, 455-464.	0.7	6
293	Transcatheter closure of extracardiac Fontan conduit fenestration using new promising materials. Journal of Cardiac Surgery, 2021, 36, 4381-4385.	0.3	6
294	Embolization of vascular abnormalities in children with congenital heart diseases using medtronic micro vascular plugs. Heart and Vessels, 2022, 37, 1271-1282.	0.5	6
295	Indications and outcomes of cardiac catheterization following congenital heart surgery in children. European Journal of Cardio-thoracic Surgery, 2022, 61, 1056-1065.	0.6	6
296	Quality of Life of Children Born with a Congenital Heart Defect. Journal of Pediatrics, 2022, 244, 148-153.e5.	0.9	6
297	Infected pulmonary artery aneurysms: CT imaging findings. European Journal of Cardio-thoracic Surgery, 2006, 29, 248-248.	0.6	5
298	CT demonstration of â€œchicken tracheaâ€•resulting from complete cartilaginous rings of the trachea in ring-sling complex. Pediatric Radiology, 2008, 38, 798-800.	1.1	5
299	Percutaneous treatment of aorto-pulmonary window in a one year old child. International Journal of Cardiology, 2008, 129, e91-e93.	0.8	5
300	Loan applications in adult patients with congenital heart disease: A French study. Archives of Cardiovascular Diseases, 2011, 104, 375-380.	0.7	5
301	Respiratory Outcome in Children with Scimitar Syndrome. Journal of Pediatrics, 2013, 162, 275-279.e1.	0.9	5
302	Feasibility of transcatheter techniques for intracardiac and extracardiac cavocaval connection in principle for Fontan completion in chronic animal models. European Journal of Cardio-thoracic Surgery, 2013, 43, 856-860.	0.6	5
303	A neuropathological study of cerebrovascular abnormalities in a signal transducer and activator of transcription 3â€“deficient patient. Journal of Allergy and Clinical Immunology, 2015, 136, 1418-1421.e5.	1.5	5
304	Recommendations from the Association for European Paediatric and Congenital Cardiology for training in pulmonary hypertension. Cardiology in the Young, 2019, 29, 1323-1327.	0.4	5
305	Double orifice and atrioventricular septal defect: dealing with the zone of appositionâ€. European Journal of Cardio-thoracic Surgery, 2019, 56, 541-548.	0.6	5
306	Hybrid perventricular muscular ventricular septal defect closure using the new multi-functional occluder. Cardiology in the Young, 2020, 30, 1517-1520.	0.4	5

#	Article	IF	Citations
307	Potts anastomosis in children with severe pulmonary arterial hypertension and atrial septal defect. ESC Heart Failure, 2021, 8, 326-332.	1.4	5
308	Three-dimensional geometry of coronary arteries after arterial switch operation for transposition of the great arteries and late coronary events. Journal of Thoracic and Cardiovascular Surgery, 2021, 161, 1396-1404.	0.4	5
309	Prevalence of Growth Restriction at Birth for Newborns With Congenital Heart Defects: A Population-Based Prospective Cohort Study EPICARD. Frontiers in Pediatrics, 2021, 9, 676994.	0.9	5
310	A New Solution For Stenting Large Right Ventricular Outflow Tracts Before Transcatheter Pulmonary Valve Replacement. Canadian Journal of Cardiology, 2021, , .	0.8	5
311	Prevalence of Venovenous Shunting and High-Output State Quantified with 4D Flow MRI in Patients with Fontan Circulation. Radiology: Cardiothoracic Imaging, 2021, 3, e210161.	0.9	5
312	Modified safety techniques for transcatheter repair of superior sinus venosus defects with partial anomalous pulmonary venous drainage using a 100â€‰mm Optimusâ€CVSÂ® covered XXL stent. Catheterization and Cardiovascular Interventions, 2022, 99, 1558-1562.	0.7	5
313	Fluorescencein situhybridization (FISH) rather than ultrasound for the evaluation of fetuses at risk for 22q11.2 deletion. Prenatal Diagnosis, 2003, 23, 607-608.	1.1	4
314	Noninvasive Assessment of Fetal Pulmonary Blood Flow in Experimental Pulmonary Hypertension in the Fetal Lamb. Pediatric Research, 2004, 56, 385-390.	1.1	4
315	Percutaneous Replacement of the Pulmonary Valve in a 12-Year-Old Child. Circulation, 2004, 110, e516.	1.6	4
316	Emergency trans-oesophageal ventricular pacing in a child. Cardiology in the Young, 2004, 14, 333-334.	0.4	4
317	Unusual chronic pacemaker infection by Mycobacterium tuberculosis in a pediatric patient. Journal of Thoracic and Cardiovascular Surgery, 2005, 130, 937-938.	0.4	4
318	Definitive Diagnosis of Pulmonary Artery Sling in a Critically Ill Infant With High-Resolution Computed Tomography. Circulation, 2007, 115, e398-9.	1.6	4
319	To â€œCathâ€‰or Not in Pediatric Pulmonary Hypertension?. Journal of the American College of Cardiology, 2016, 67, 1010-1011.	1.2	4
320	Ascending aorta and aortic root replacement (with or without valve sparing) in early childhood: surgical strategies and long-term outcomes. European Journal of Cardio-thoracic Surgery, 2019, 57, 373-379.	0.6	4
321	Congenitally corrected transposition of the great arteries: is it really a transposition? An anatomical study of the right ventricular septal surface. Journal of Anatomy, 2020, 236, 325-333.	0.9	4
322	Health-related quality of life correlates with time in therapeutic range in children on anticoagulants with International Normalised Ratio self-monitoring. Archives of Cardiovascular Diseases, 2020, 113, 811-820.	0.7	4
323	Transhepatic atrial septal defect closure: simple way to achieve haemostasis in a patient with important co-morbidities. Cardiology in the Young, 2020, 30, 1343-1345.	0.4	4
324	Longitudinal Analysis of Fetal Ventricular Rate for Risk Stratification in Immune Congenital Heart Block. Fetal Diagnosis and Therapy, 2021, 48, 1-8.	0.6	4

#	Article	IF	Citations
325	A case series of transcatheter Potts Shunt creation in a pediatric population affected with refractory pulmonary artery hypertension: focus on the role of ECMO. Perfusion (United Kingdom), 2021, 36, 415-420.	0.5	4
326	Hemodynamic and prognostic impact of the diastolic pulmonary arterial pressure in children with pulmonary arterial hypertensionâ€"a registry-based analysis. Cardiovascular Diagnosis and Therapy, 2021, 11, 1037-1047.	0.7	4
327	Multifactorial pulmonary hypertension in infantile scimitar syndrome. Archives of Cardiovascular Diseases, 2022, 115, 142-150.	0.7	4
328	Spontaneous Closure of the Arterial Duct after Transcatheter Closure Attempt in Preterm Infants. Children, 2021, 8, 1138.	0.6	4
329	Total Anomalous Pulmonary Venous Connection to the Unroofed Coronary Sinus in a Neonate. Pediatric Cardiology, 2013, 34, 2006-2008.	0.6	3
330	Problems in the diagnosis of discordant atrioventricular with concordant ventriculo-arterial connections: anatomical considerations, surgical management, and long-term outcome. Cardiology in the Young, 2016, 26, 127-138.	0.4	3
331	Vascular anatomy in children with univentricular hearts regarding transcatheter bidirectional Glenn anastomosis. Archives of Cardiovascular Diseases, 2017, 110, 223-233.	0.7	3
332	Perinatal intracardiac teratoma: unusual presentation and review of the literature. Cardiology in the Young, 2019, 29, 439-441.	0.4	3
333	Pulmonary hypertension associated with congenital heart block and neonatal lupus syndrome: A series of four cases. Lupus, 2021, 30, 307-314.	0.8	3
334	Abnormal origin of the left pulmonary artery from the descending aorta and heterotaxy syndrome: an undescribed phenotypic association. Cardiology in the Young, 2021, 31, 1193-1196.	0.4	3
335	Transplantation for pulmonary arterial hypertension with congenital heart disease: Impact on outcomes of the current therapeutic approach including a high-priority allocation program. American Journal of Transplantation, 2021, 21, 3388-3400.	2.6	3
336	Anomalous origin of the left innominate (brachiocephalic) artery in the right aortic arch: How can it be anomalous when the left innominate artery is absent?. Annals of Pediatric Cardiology, 2016, 9, 170.	0.2	3
337	Multisystem inflammatory syndrome in children: Inputs of BNP, NT-proBNP and Galectin-3. Clinica Chimica Acta, 2022, 529, 109-113.	0.5	3
338	Health Outcomes of 215 Mothers of Children With Autoimmune Congenital Heart Block: Analysis of the French Neonatal Lupus Syndrome Registry. Journal of Rheumatology, 2022, 49, 1124-1130.	1.0	3
339	Age-related aspects of balloon angioplasty for postsurgical aortic recoarctation. Cardiology in the Young, 2002, 12, 470-473.	0.4	2
340	Pepper syndrome, truncus arteriosus communis and abnormal pulmonary venous return: an unusual association. European Journal of Pediatrics, 2002, 161, 114-115.	1.3	2
341	Inferior vena cava into the left atrium. Archives of Cardiovascular Diseases, 2013, 106, 455-456.	0.7	2
342	Cardiovascular anatomy in children with bidirectional Glenn anastomosis, regarding the transcatheter Fontan completion. Archives of Cardiovascular Diseases, 2018, 111, 257-269.	0.7	2

#	Article	IF	Citations
343	A new anatomic approach of the ventricular septal defect in the interruption of the aortic arch. Journal of Anatomy, 2019, 234, 193-200.	0.9	2
344	Pulmonary hypertension in an adolescent with end-stage-renal diseaseâ€”a diagnostic challenge: Answers. Pediatric Nephrology, 2019, 34, 73-74.	0.9	2
345	Nakata index above 1500â€‰mm2/m2 predicts death in absent pulmonary valve syndrome. European Journal of Cardio-thoracic Surgery, 2020, 57, 46-53.	0.6	2
346	Late Pediatric Mechanical ThrombectomyÂfor Embolic Stroke as Bridge Reinforcement From LVAD to Heart Transplantation. JACC: Case Reports, 2021, 3, 686-689.	0.3	2
347	Predicting the risk of infant mortality for newborns operated for congenital heart defects: A populationâ€based cohort (<scp>EPICARD</scp>) study of two postâ€operative predictive scores. Health Science Reports, 2021, 4, e300.	0.6	2
348	Continuous positive airway pressure improves work of breathing in pediatric chronic heart failure. Sleep Medicine, 2021, 83, 99-105.	0.8	2
349	Heterotaxy: fluctuat nec mergitur. Cardiology in the Young, 2021, 31, 1200-1201.	0.4	2
350	Selective coronary angiography in patients younger than 1 year of age. Catheterization and Cardiovascular Interventions, 2001, 54, 505-509.	0.7	1
351	Atresia of the coronary sinus ostium: Surgical implications. International Journal of Cardiology, 2007, 116, e92-e94.	0.8	1
352	Pulmonary hypertension in an adolescent with end-stage-renal diseaseâ€”a diagnostic challenge: Questions. Pediatric Nephrology, 2019, 34, 71-71.	0.9	1
353	Impact of Sophrology on cardiopulmonary fitness in teenagers and young adults with a congenital heart disease: The SOPHROCARE study rationale, design and methods. IJC Heart and Vasculature, 2020, 27, 100489.	0.6	1
354	Multifactorial origin of pulmonary hypertension in a child with congenital heart disease, Down syndrome, and BMPRâ€2 mutation. Pulmonary Circulation, 2021, 11, 1-3.	0.8	1
355	Echocardiographic Changes and Long-Term Clinical Outcomes in Pediatric Patients With Pulmonary Arterial Hypertension Treated With Bosentan for 72 Weeks: A Post-hoc Analysis From the FUTURE 3 Study. Frontiers in Pediatrics, 2021, 9, 681538.	0.9	1
356	Cardiovascular events in perimembranous ventricular septal defect with left ventricular volume overload: a French prospective cohort study (FRANCISCO). Cardiology in the Young, 2021, 31, 1557-1562.	0.4	1
357	Respiratory morbidity in children with congenital heart disease. Archives De Pediatrie, 2021, 28, 525-529.	0.4	1
358	Prenatal diagnosis of anomalous connection of the inferior caval vein to the left atrium associated with common arterial trunk. Journal of Anatomy, 2021, 238, 1255-1258.	0.9	1
359	Managing pulmonary hypertension in patients with congenital heart disease. , 2012, , 71-81.		1
360	Children with Sickle Cell Anemia Experience Severe Oxygen Desaturation During Night and After Six-Minute Walk Distance Test. Blood, 2012, 120, 4766-4766.	0.6	1

#	Article	IF	Citations
361	Sudden cardiac arrest in an epicardial paced-dependent child: watch out, itâ€™s a pitfall!. Cardiology in the Young, 2021, 31, 482-484.	0.4	1
362	Promising PTFE-coating technology of Optimus-CVSâ„¢ stents: The new player for congenital heart disease interventions. International Journal of Cardiology Congenital Heart Disease, 2022, 7, 100323.	0.2	1
363	Common Arterial Trunk Associated with Functionally Univentricular Heart: Anatomical Study and Review of the Literature. Journal of Cardiovascular Development and Disease, 2021, 8, 175.	0.8	1
364	Retrograde catheterization of the right heart in patients with occluded femoral veins. Archives of Cardiovascular Diseases, 2008, 101, 413-418.	0.7	0
365	Collateral channels from the superior caval vein to the cardiac veins after atrial repair for transposition. Cardiology in the Young, 2008, 18, 353-354.	0.4	0
366	Traitement de lâ€™hypertension artÃ©rielle pulmonaire de lâ€™enfant. Archives of Cardiovascular Diseases Supplements, 2010, 2, 153-157.	0.0	0
367	Response to Letter Regarding Article, â€œUnknown Complication of Arterial Switch Operation: Resistant Hypertension Induced by a Strong Aortic Arch Angulationâ€. Circulation, 2014, 130, e101.	1.6	0
368	Pharmacokinetics/Pharmacodynamics, Efficacy and Safety of Sacubitril/Valsartan Versus Enalapril in Pediatric Patients with Heart Failure Due to Systemic Left Ventricle Systolic Dysfunction: Study Design and Rationale. Journal of Cardiac Failure, 2016, 22, S36-S37.	0.7	0
369	Merged bilateral arterial duct and circumflex retroesophageal right aortic arch in a fetus with normal intracardiac anatomy. Cardiology in the Young, 2019, 29, 1546-1548.	0.4	0
370	Chronic Kidney Disease in Adolescents after Surgery for Congenital Heart Disease. CardioRenal Medicine, 2020, 10, 353-361.	0.7	0
371	Challenging indication of cardioverter defibrillator implantation after sudden cardiac arrest in the very young: a case series of catecholaminergic polymorphic ventricular tachycardia secondary to de novo calmodulin p.Asn98Ser. European Heart Journal - Case Reports, 2021, 5, ytab393.	0.3	0
372	Endothelial-Dependent Vasodilation Is Impaired in Children with Sickle Cell Disease (SCD).. Blood, 2006, 108, 3778-3778.	0.6	0
373	Despite a large firstâ€pass extraction for urea synthesis, the systemic bioavailability of meal arginine is high and doseâ€dependent in men. FASEB Journal, 2009, 23, 738.1.	0.2	0
374	Analysis of HOXB1 gene in a cohort of patients with sporadic ventricular septal defect. Molecular Biology Reports, 2018, 45, 1507-1513.	1.0	0
375	Letter by Ovaert et al Regarding Article, â€œNovel Panna Guide Wire Facilitates Percutaneous and Nonfluoroscopic Procedure for Atrial Septal Defect Closure: A Randomized Controlled Trialâ€. Circulation: Cardiovascular Interventions, 2020, 13, e010121.	1.4	0
376	Transcatheter closure of an acquired post-operative aorta to right ventricle shunt in a child with complex univentricular heart. Cardiology in the Young, 2022, 32, 2013-2015.	0.4	0