Damien Bonnet

List of Publications by Year in descending order

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376 papers 20,079 citations

70 h-index 128 g-index

392 all docs

392 docs citations

times ranked

392

18405 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.	13.7	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.	21.4	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.	13.7	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.	2.8	451
7	Clinical features of paediatric pulmonary hypertension: a registry study. Lancet, The, 2012, 379, 537-546.	13.7	441
8	Immunodeficiency, autoinflammation and amylopectinosis in humans with inherited HOIL-1 and LUBAC deficiency. Nature Immunology, 2012, 13, 1178-1186.	14.5	410
9	Paediatric pulmonary arterial hypertension: updates on definition, classification, diagnostics and management. European Respiratory Journal, 2019, 53, 1801916.	6.7	399
10	EIF2AK4 mutations cause pulmonary veno-occlusive disease, a recessive form of pulmonary hypertension. Nature Genetics, 2014, 46, 65-69.	21.4	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.	0.6	266
14	Trends in Prenatal Diagnosis, Pregnancy Termination, and Perinatal Mortality of Newborns With Congenital Heart Disease in France, 1983–2000: A Population-Based Evaluation. Pediatrics, 2005, 115, 95-101.	2.1	255
15	Mutation in myosin heavy chain 6 causes atrial septal defect. Nature Genetics, 2005, 37, 423-428.	21.4	243
16	ADAMTSL2 mutations in geleophysic dysplasia demonstrate a role for ADAMTS-like proteins in TGF- \hat{l}^2 bioavailability regulation. Nature Genetics, 2008, 40, 1119-1123.	21.4	211
17	Arterial Mechanical Changes in Children With Familial Hypercholesterolemia. Arteriosclerosis, Thrombosis, and Vascular Biology, 2000, 20, 2070-2075.	2.4	205
18	Mutations in the TGFÎ ² Binding-Protein-Like Domain 5 of FBN1 Are Responsible for Acromicric and Geleophysic Dysplasias. American Journal of Human Genetics, 2011, 89, 7-14.	6.2	199

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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.	4.5	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.	2.8	180
21	Prevalence, timing of diagnosis and mortality of newborns with congenital heart defects: a population-based study. Heart, 2012, 98, 1667-1673.	2.9	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.	4.6	173
23	Treatment of infantile haemangiomas: recommendations of a European expert group. European Journal of Pediatrics, 2015, 174, 855-865.	2.7	163
24	Late systemic hypertension and aortic arch geometry after successful repair of coarctation of the aorta. European Heart Journal, 2004, 25, 1853-1859.	2.2	155
25	Potts Shunt in Patients with Pulmonary Hypertension. New England Journal of Medicine, 2004, 350, 623-623.	27.0	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.	0.8	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.	2.2	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.	2.8	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.	1.6	126
35	Hypertension after repair of aortic coarctation — A systematic review. International Journal of Cardiology, 2013, 167, 2456-2461.	1.7	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.	1.4	124

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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.	10.7	123
38	Description of 214 cases of autoimmune congenital heart block: Results of the French neonatal lupus syndrome. Autoimmunity Reviews, 2015, 14, 1154-1160.	5.8	121
39	Percutaneous pulmonary valve replacement in a large right ventricular outflow tract. Journal of the American College of Cardiology, 2004, 43, 1082-1087.	2.8	118
40	Noonan Syndrome: Relationships between Genotype, Growth, and Growth Factors. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 300-306.	3.6	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.	0.8	117
42	Cardiomyopathies in Propionic Aciduria are Reversible After LiverÂTransplantation. Journal of Pediatrics, 2010, 156, 128-134.	1.8	116
43	Potts Shunt in Children With Idiopathic Pulmonary Arterial Hypertension: Long-Term Results. Annals of Thoracic Surgery, 2012, 94, 817-824.	1.3	116
44	Prevalence of 22q11 deletion in fetuses with conotruncal cardiac defects: A 6-year prospective study. Journal of Pediatrics, 2001, 138, 520-524.	1.8	110
45	Steps Toward the Percutaneous Replacement of Atrioventricular Valves. Journal of the American College of Cardiology, 2005, 46, 360-365.	2.8	109
46	Vascular Remodeling After "Successful―Repair of Coarctation. Journal of the American College of Cardiology, 2007, 49, 883-890.	2.8	107
47	Noninvasive Assessment of Arterial Stiffness and Risk of Atherosclerotic Events in Children. Pediatric Research, 2005, 58, 173-178.	2.3	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.	2.4	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.	1.4	103
50	Multisystem Inflammatory Syndrome in Children: An International Survey. Pediatrics, 2021, 147, .	2.1	103
51	Executive function and theory of mind in schoolâ€øged children after neonatal corrective cardiac surgery for transposition of the great arteries. Developmental Medicine and Child Neurology, 2010, 52, 1139-1144.	2.1	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, .	8.5	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.	2.7	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.	2.3	96

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55	Autosomal Recessive Cardiomyopathy Presenting as Acute Myocarditis. Journal of the American College of Cardiology, 2017, 69, 1653-1665.	2.8	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.	0.8	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.	2.2	88
59	Genetic analyses in a cohort of children with pulmonary hypertension. European Respiratory Journal, 2016, 48, 1118-1126.	6.7	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.	5. 3	83
61	Perforation of the atretic pulmonary valve. Journal of the American College of Cardiology, 2003, 41, 1399-1403.	2.8	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.	2.7	79
63	Preterm Birth and Congenital Heart Defects: A Population-based Study. Pediatrics, 2012, 130, e829-e837.	2.1	79
64	Add-On Therapy with Subcutaneous Treprostinil for Refractory Pediatric Pulmonary Hypertension. Journal of Pediatrics, 2011, 158, 584-588.	1.8	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.	8.4	78
66	Incidence and predictors of Melody \hat{A}^{\otimes} valve endocarditis: A prospective study. Archives of Cardiovascular Diseases, 2015, 108, 97-106.	1.6	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.	1.7	75
68	Aortic arch shape deformation after coarctation surgery: Effect on blood pressure response. Journal of Thoracic and Cardiovascular Surgery, 2006, 132, 1105-1111.	0.8	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.	1.6	74
70	Three-dimensional CT scanning: a new diagnostic modality in congenital heart disease. Heart, 2007, 93, 908-913.	2.9	73
71	Intramural coronary arteries and outcome of neonatal arterial switch operation. European Journal of Cardio-thoracic Surgery, 2010, 37, 1246-1253.	1.4	71
72	Ivabradine in Children With Dilated Cardiomyopathy and Symptomatic Chronic Heart Failure. Journal of the American College of Cardiology, 2017, 70, 1262-1272.	2.8	68

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73	Late reoperations after neonatal arterial switch operation for transposition of the great arteries. European Journal of Cardio-thoracic Surgery, 2008, 34, 32-36.	1.4	67
74	Melody \hat{A}^{\otimes} transcatheter pulmonary valve implantation: Results from a French registry. Archives of Cardiovascular Diseases, 2014, 107, 607-614.	1.6	67
75	Acute Vasodilator Response in Pediatric Pulmonary Arterial Hypertension. Journal of the American College of Cardiology, 2016, 67, 1312-1323.	2.8	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.	1.4	66
77	Arterial tortuosity syndrome: 40 new families and literature review. Genetics in Medicine, 2018, 20, 1236-1245.	2.4	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.	0.9	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.	5. 5	65
80	MMP21 is mutated in human heterotaxy and is required for normal left-right asymmetry in vertebrates. Nature Genetics, 2015, 47, 1260-1263.	21.4	65
81	Atypical malignant late infective endocarditis of Melody valve. Journal of Thoracic and Cardiovascular Surgery, 2012, 143, e32-e35.	0.8	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.	0.8	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.	0.8	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.	0.8	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.	2.9	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.	1.9	60
87	Prognosis Factors in Probands With an FBN1 Mutation Diagnosed Before the Age of 1 Year. Pediatric Research, 2011, 69, 265-270.	2.3	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.	2.7	58
89	Surgical angioplasty of the main coronary arteries in children. Journal of Thoracic and Cardiovascular Surgery, 1999, 117, 352-357.	0.8	56
90	Aneurysm of the right ventricular outflow following bovine valved venous conduit insertion. European Journal of Cardio-thoracic Surgery, 2003, 23, 122-124.	1.4	56

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91	Can "Inoperable―Congenital Heart Defects Become Operable in Patients with Pulmonary Arterial Hypertension? Dream or Reality?. Congenital Heart Disease, 2012, 7, 3-11.	0.2	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.	7.1	53
93	The Ross Procedure in Infants and Young Children. Annals of Thoracic Surgery, 2008, 85, 803-808.	1.3	52
94	Treprostinil increases the number and angiogenic potential of endothelial progenitor cells in children with pulmonary hypertension. Angiogenesis, 2011, 14, 17-27.	7.2	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.	1.7	52
96	A gene for Holt–Oram syndrome maps to the distal long arm of chromosome 12. Nature Genetics, 1994, 6, 405-408.	21.4	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.	4.6	51
98	Fatal Rhabdomyolysis in 2 Children with LPIN1 Mutations. Journal of Pediatrics, 2012, 160, 1052-1054.	1.8	50
99	Outcome of coronary artery bypass grafting performed in young children. Journal of Thoracic and Cardiovascular Surgery, 2010, 139, 349-353.	0.8	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.	1.7	49
101	Safety and efficacy of rivaroxaban in pediatric cerebral venous thrombosis (EINSTEIN-Jr CVT). Blood Advances, 2020, 4, 6250-6258.	5.2	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.	1.4	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.	2.8	48
104	3D-Printed Models for Surgical Planning in Complex Congenital Heart Diseases: A Systematic Review. Frontiers in Pediatrics, 2019, 7, 23.	1.9	48
105	Remote control of pulmonary blood flow: initial clinical experience. Journal of Thoracic and Cardiovascular Surgery, 2003, 126, 1775-1780.	0.8	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.	1.3	47
107	Characteristics and management of cleft mitral valve. Journal of the American College of Cardiology, 2003, 42, 1988-1993.	2.8	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.	0.8	45

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109	Patent Ductus Arteriosus Stenting (Transcatheter Potts Shunt) for Palliation of Suprasystemic Pulmonary Arterial Hypertension. Circulation: Cardiovascular Interventions, 2013, 6, e18-20.	3.9	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.	5.8	45
111	Neonatal Surgical Aortic Commissurotomy: Predictors of Outcome and Long-Term Results. Annals of Thoracic Surgery, 2006, 82, 1585-1592.	1.3	44
112	Severe Nocturnal and Postexercise Hypoxia in Children and Adolescents with Sickle Cell Disease. PLoS ONE, 2014, 9, e97462.	2.5	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.	0.8	43
114	Foetal echocardiographic assessment of tetralogy of Fallot and post-natal outcome. European Heart Journal, 2008, 29, 1432-1438.	2.2	43
115	Key issues of daily life in adults with congenital heart disease. Archives of Cardiovascular Diseases, 2013, 106, 404-412.	1.6	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.	1.7	43
117	Educational needs of adolescents with congenital heart disease: Impact of a transition intervention programme. Archives of Cardiovascular Diseases, 2017, 110, 317-324.	1.6	42
118	Endothelial-dependent vasodilation is impaired in children with sickle cell disease. Haematologica, 2007, 92, 1709-1710.	3.5	41
119	Clinical features and management of arterial hypertension in children with Williams-Beuren syndrome. Nephrology Dialysis Transplantation, 2010, 25, 434-438.	0.7	41
120	Percutaneous closure of patent ductus arteriosus in premature infants: A French national survey. Catheterization and Cardiovascular Interventions, 2020, 95, 71-77.	1.7	41
121	Severe cardiac involvement in children with systemic sclerosis and myositis. Journal of Rheumatology, 2002, 29, 1767-73.	2.0	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.	6.2	39
124	Burkholderia cepacia Is Associated with Pulmonary Hypertension and Increased Mortality among Cystic Fibrosis Patients. Journal of Clinical Microbiology, 2004, 42, 5537-5541.	3.9	38
125	Genetics and embryological mechanisms of congenital heart diseases. Archives of Cardiovascular Diseases, 2009, 102, 59-63.	1.6	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.	2.8	38

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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.	4.4	38
129	Can we predict 22q11 status of fetuses with tetralogy of Fallot?. Prenatal Diagnosis, 2002, 22, 231-234.	2.3	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.	1.7	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.	1.6	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.	1.7	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.	2.6	36
134	Surgical Management of Supravalvular Aortic Stenosis: Does Brom Three-Patch Technique Provide Superior Results?. Annals of Thoracic Surgery, 2009, 88, 588-593.	1.3	36
135	Temporal trends and changing profile of adults with congenital heart disease undergoing heart transplantation. European Heart Journal, 2016, 37, 783-789.	2.2	36
136	Myocardial Stiffness Assessment Using Shear Wave Imaging in Pediatric Hypertrophic Cardiomyopathy. JACC: Cardiovascular Imaging, 2018, 11, 779-781.	5. 3	36
137	Complications of paediatric interventional catheterisation: an analysis of risk factors. Cardiology in the Young, 2005, 15, 402-408.	0.8	35
138	Common arterial trunk repair: with conduit or without?â~†. European Journal of Cardio-thoracic Surgery, 2009, 36, 675-682.	1.4	35
139	Laronidase for Cardiopulmonary Disease in Hurler Syndrome 12 Years After Bone Marrow Transplantation. Pediatrics, 2010, 126, e1242-e1247.	2.1	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.	1.7	35
141	Safety and efficacy of anticoagulant therapy in pediatric catheter-related venous thrombosis (EINSTEIN-Jr CVC-VTE). Blood Advances, 2020, 4, 4632-4639.	5.2	35
142	Circulating Endothelial Cells in Refractory Pulmonary Hypertension in Children: Markers of Treatment Efficacy and Clinical Worsening. PLoS ONE, 2013, 8, e65114.	2. 5	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.	2.8	33

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145	Congenital Heart Defects in Patients with Deletions Upstream of <i>SOX9</i> . Human Mutation, 2013, 34, 1628-1631.	2.5	33
146	Heterozygous Mutations in MAP3K7, Encoding TGF-Î ² -Activated Kinase 1, Cause Cardiospondylocarpofacial Syndrome. American Journal of Human Genetics, 2016, 99, 407-413.	6.2	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.	1.7	33
148	Primary Cytomegalovirus Infection, Atypical Kawasaki Disease, and Coronary Aneurysms in 2 Infants. Clinical Infectious Diseases, 2005, 41, e53-e56.	5.8	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.	0.8	32
150	Epithelial barrier dysfunction in desmoglein-1 deficiency. Journal of Allergy and Clinical Immunology, 2018, 142, 702-706.e7.	2.9	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.	3.9	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.	1.7	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.	1.6	30
154	Characteristics and outcomes of heart failure-related hospitalization in adults with congenital heart disease. Archives of Cardiovascular Diseases, 2017, 110, 283-291.	1.6	30
155	Comparison of Endothelial Biomarkers According to Reversibility of Pulmonary Hypertension Secondary to Congenital Heart Disease. Pediatric Cardiology, 2010, 31, 657-662.	1.3	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.	0.8	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.	1.3	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.	0.8	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.	0.8	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.	2.8	27
162	Anomalous aortic origin of coronary arteries: an alternative to the unroofing strategy. European Journal of Cardio-thoracic Surgery, 2020, 58, 975-982.	1.4	27

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