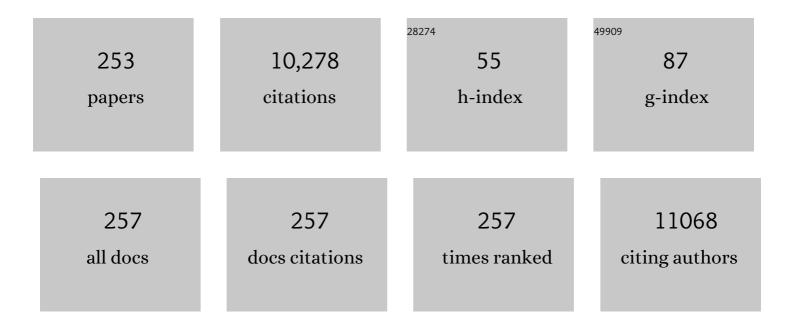
Cedric Manlhiot

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Reduced Fetal Cerebral Oxygen Consumption Is Associated With Smaller Brain Size in Fetuses With Congenital Heart Disease. Circulation, 2015, 131, 1313-1323.	1.6	405
2	Late Outcomes of Mitral Valve Repair for Mitral Regurgitation Due to Degenerative Disease. Circulation, 2013, 127, 1485-1492.	1.6	296
3	Late risk of outcomes for adults with repaired tetralogy of Fallot from an inception cohort spanning four decadesâ^†. European Journal of Cardio-thoracic Surgery, 2009, 35, 156-164.	1.4	242
4	A Multicenter, Randomized Trial Comparing Heparin/Warfarin and Acetylsalicylic Acid as Primary Thromboprophylaxis for 2 Years After the Fontan Procedure in Children. Journal of the American College of Cardiology, 2011, 58, 645-651.	2.8	216
5	Role of the Waist/Height Ratio in the Cardiometabolic Risk Assessment of Children Classified by Body Mass Index. Journal of the American College of Cardiology, 2013, 62, 742-751.	2.8	195
6	Comparison of Transplacental Treatment of Fetal Supraventricular Tachyarrhythmias With Digoxin, Flecainide, and Sotalol. Circulation, 2011, 124, 1747-1754.	1.6	192
7	Improved Classification of Coronary Artery Abnormalities Based Only on Coronary Artery z-Scores After Kawasaki Disease. Pediatric Cardiology, 2010, 31, 242-249.	1.3	190
8	A quarter of a century of experience with aortic valve-sparing operations. Journal of Thoracic and Cardiovascular Surgery, 2014, 148, 872-880.	0.8	171
9	The Ross procedure: Outcomes at 20 years. Journal of Thoracic and Cardiovascular Surgery, 2014, 147, 85-94.	0.8	158
10	Risk, Clinical Features, and Outcomes of Thrombosis Associated With Pediatric Cardiac Surgery. Circulation, 2011, 124, 1511-1519.	1.6	155
11	Remote Preconditioning Improves Maximal Performance in Highly Trained Athletes. Medicine and Science in Sports and Exercise, 2011, 43, 1280-1286.	0.4	154
12	Comparison between Different Speckle Tracking and Color Tissue Doppler Techniques to Measure Global and Regional Myocardial Deformation in Children. Journal of the American Society of Echocardiography, 2010, 23, 919-928.	2.8	150
13	Variability in tacrolimus blood levels increases the risk of late rejection and graft loss after solid organ transplantation in older children. Pediatric Transplantation, 2010, 14, 968-975.	1.0	149
14	Reimplantation of the aortic valve at 20Âyears. Journal of Thoracic and Cardiovascular Surgery, 2017, 153, 232-238.	0.8	139
15	Long-Term Results of Mitral Valve Repair for Regurgitation Due to Leaflet Prolapse. Journal of the American College of Cardiology, 2019, 74, 1044-1053.	2.8	137
16	Factors Associated With Thrombotic Complications After the Fontan Procedure. Journal of the American College of Cardiology, 2013, 61, 346-353.	2.8	135
17	A Validated Model for Sudden Cardiac Death Risk Prediction in Pediatric Hypertrophic Cardiomyopathy. Circulation, 2020, 142, 217-229.	1.6	129
18	Long-Term Outcomes of the Ross Procedure Versus Mechanical Aortic Valve Replacement. Circulation, 2016, 134, 576-585.	1.6	127

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19	Assessment of Myocardial Deformation in Children Using Digital Imaging and Communications in Medicine (DICOM) Data and Vendor Independent Speckle Tracking Software. Journal of the American Society of Echocardiography, 2011, 24, 37-44.	2.8	121
20	Valve-Sparing Root Replacement Compared With Composite Valve Graft Procedures in Patients With Aortic Root Dilation. Journal of the American College of Cardiology, 2016, 68, 1838-1847.	2.8	121
21	Usefulness of the Right Ventricular Systolic to Diastolic Duration Ratio to Predict Functional Capacity and Survival in Children With Pulmonary Arterial Hypertension. American Journal of Cardiology, 2010, 106, 430-436.	1.6	113
22	Remote Ischemic Per-Conditioning. Stroke, 2011, 42, 2960-2962.	2.0	113
23	Outcomes of Aortic Valve-Sparing Operations in Marfan Syndrome. Journal of the American College of Cardiology, 2015, 66, 1445-1453.	2.8	108
24	Somatic Growth in Children With Single Ventricle Physiology. Journal of the American College of Cardiology, 2007, 50, 1876-1883.	2.8	107
25	Transition Intervention for Adolescents With Congenital Heart Disease. Journal of the American College of Cardiology, 2018, 71, 1768-1777.	2.8	107
26	Long-term results of aortic root repair using the reimplantation technique. Journal of Thoracic and Cardiovascular Surgery, 2013, 145, S22-S25.	0.8	105
27	Impact of Prenatal Risk Factors on Congenital Heart Disease in the Current Era. Journal of the American Heart Association, 2013, 2, e000064.	3.7	97
28	Outcomes With Ventricular Assist Device Versus Extracorporeal Membrane Oxygenation as a Bridge to Pediatric Heart Transplantation. Artificial Organs, 2010, 34, 1087-1091.	1.9	90
29	Neurodevelopmental Outcomes After Open Heart Operations Before 3 Months of Age. Annals of Thoracic Surgery, 2012, 93, 1577-1583.	1.3	90
30	Late results of the Ross procedure. Journal of Thoracic and Cardiovascular Surgery, 2019, 157, 201-208.	0.8	88
31	Kawasaki Disease at the Extremes of the Age Spectrum. Pediatrics, 2009, 124, e410-e415.	2.1	87
32	Stroke recurrence in children with congenital heart disease. Annals of Neurology, 2012, 72, 103-111.	5.3	83
33	Percutaneous Pulmonary Valve Implantation in the Young. JACC: Cardiovascular Interventions, 2010, 3, 439-448.	2.9	80
34	Macrophage Activation Syndrome in the Acute Phase of Kawasaki Disease. Journal of Pediatric Hematology/Oncology, 2010, 32, 527-531.	0.6	77
35	Complete and incomplete Kawasaki disease: two sides of the same coin. European Journal of Pediatrics, 2012, 171, 657-662.	2.7	72
36	Post-transplant lymphoproliferative disorder in pediatric heart transplant recipients. Journal of Heart and Lung Transplantation, 2010, 29, 648-657.	0.6	70

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37	Efficacy of intravenous Ig therapy in juvenile dermatomyositis. Annals of the Rheumatic Diseases, 2011, 70, 2089-2094.	0.9	70
38	Current outcomes of the Glenn bidirectional cavopulmonary connection for single ventricle palliation. European Journal of Cardio-thoracic Surgery, 2012, 42, 42-49.	1.4	70
39	Importance of CMR Within the TaskÂForceÂCriteria for the Diagnosis ofÂARVC in Children and Adolescents. Journal of the American College of Cardiology, 2015, 65, 987-995.	2.8	70
40	Thrombotic Complications and Thromboprophylaxis Across All Three Stages of Single Ventricle Heart Palliation. Journal of Pediatrics, 2012, 161, 513-519.e3.	1.8	69
41	Impaired Left Ventricular Myocardial Mechanics and Their Relation to Pulmonary Regurgitation, Right Ventricular Enlargement and Exercise Capacity in Asymptomatic Children after Repair of Tetralogy of Fallot. Journal of the American Society of Echocardiography, 2012, 25, 494-503.	2.8	68
42	Repeated systematic surveillance of Kawasaki disease in Ontario from 1995 to 2006. Pediatrics International, 2010, 52, 699-706.	0.5	64
43	Early change in invasive measures of microvascular function can predict myocardial recovery following PCI for ST-elevation myocardial infarction. European Heart Journal, 2014, 35, 1971-1980.	2.2	64
44	Percutaneous Pulmonary Valve Implantation: 5 Years of Follow-Up. Circulation: Cardiovascular Interventions, 2015, 8, e001745.	3.9	64
45	Family screening for hypertrophic cardiomyopathy: Is it time to change practice guidelines?. European Heart Journal, 2019, 40, 3672-3681.	2.2	64
46	Renin-Angiotensin-Aldosterone Genotype Influences Ventricular Remodeling in Infants With Single Ventricle. Circulation, 2011, 123, 2353-2362.	1.6	63
47	Low-weight infants are at increased mortality risk after palliative or corrective cardiac surgery. Journal of Thoracic and Cardiovascular Surgery, 2014, 148, 2508-2514.e1.	0.8	63
48	Longitudinal Evaluation of the Prevalence of Overweight/Obesity in Children With Congenital Heart Disease. Canadian Journal of Cardiology, 2015, 31, 117-123.	1.7	63
49	Surgical Enlargement of the Aortic Root Does Not Increase the Operative Risk of Aortic Valve Replacement. Circulation, 2018, 137, 1585-1594.	1.6	63
50	Relation of right ventricular mechanics to exercise tolerance in children after tetralogy of Fallot repair. American Heart Journal, 2013, 165, 551-557.	2.7	62
51	SARS-CoV-2–Related Inflammatory Multisystem Syndrome in Children. JAMA - Journal of the American Medical Association, 2020, 324, 246.	7.4	61
52	Evolution of the Arterial Structure and Function From Infancy to Adolescence Is related to Anthropometric and Blood Pressure Changes. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 2516-2524.	2.4	60
53	Survival Implications: Hypertrophic Cardiomyopathy in Noonan Syndrome. Congenital Heart Disease, 2011, 6, 41-47.	0.2	59
54	Does Single Ventricle Physiology Affect Survival of Children Requiring Extracorporeal Membrane Oxygenation Support Following Cardiac Surgery?. World Journal for Pediatric & Congenital Heart Surgery, 2014, 5, 7-15.	0.8	59

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55	Mortality and morbidity after retransplantation after primary heart transplant in childhood: An analysis from the registry of the International Society for Heart and Lung Transplantation. Journal of Heart and Lung Transplantation, 2014, 33, 241-251.	0.6	59
56	Comparison of Factors Associated With Coronary Artery Dilation Only Versus Coronary Artery Aneurysms in Patients With Kawasaki Disease. American Journal of Cardiology, 2009, 104, 1743-1747.	1.6	58
57	Cor triatriatum sinistrum in childhood. A single institution's experience. Canadian Journal of Cardiology, 2010, 26, 371-376.	1.7	58
58	Remote Ischemic Preconditioning in Children Undergoing Cardiac Surgery With Cardiopulmonary Bypass: A Singleâ€Center Doubleâ€Blinded Randomized Trial. Journal of the American Heart Association, 2014, 3, .	3.7	58
59	Congenital Supravalvular Aortic Stenosis: Defining Surgical and Nonsurgical Outcomes. Annals of Thoracic Surgery, 2008, 86, 1919-1927.	1.3	57
60	Improved Outcomes Associated With Intraoperative Steroid Use in High-Risk Pediatric Cardiac Surgery. Annals of Thoracic Surgery, 2011, 91, 1222-1227.	1.3	56
61	Management of Multisystem Inflammatory Syndrome in Children Associated With COVID-19: A Survey From the International Kawasaki Disease Registry. CJC Open, 2020, 2, 632-640.	1.5	56
62	Spectrum and Management of Hypertriglyceridemia Among Children in Clinical Practice. Pediatrics, 2009, 123, 458-465.	2.1	53
63	Environmental epidemiology of Kawasaki disease: Linking disease etiology, pathogenesis and global distribution. PLoS ONE, 2018, 13, e0191087.	2.5	53
64	Randomized, Controlled Trial of Individualized Heparin and Protamine Management in Infants Undergoing Cardiac Surgery With Cardiopulmonary Bypass. Journal of the American College of Cardiology, 2010, 56, 1794-1802.	2.8	50
65	Longer Blood Storage Is Associated With Suboptimal Outcomes in High-Risk Pediatric Cardiac Surgery. Annals of Thoracic Surgery, 2012, 93, 1563-1569.	1.3	50
66	Long-term outcomes of chordal replacement with expanded polytetrafluoroethylene sutures to repair mitral leaflet prolapse. Journal of Thoracic and Cardiovascular Surgery, 2020, 160, 385-394.e1.	0.8	50
67	Safety of Intravenous Immunoglobulin in the Treatment of Juvenile Dermatomyositis: Adverse Reactions Are Associated With Immunoglobulin A Content. Pediatrics, 2008, 121, e626-e630.	2.1	49
68	A derived and validated score to predict prolonged mechanical ventilation in patients undergoing cardiac surgery. Journal of Thoracic and Cardiovascular Surgery, 2017, 153, 108-115.	0.8	48
69	Valve-sparing root replacement in patients with bicuspid versus tricuspid aortic valves. Journal of Thoracic and Cardiovascular Surgery, 2019, 158, 1-9.	0.8	48
70	Genetic determinants of right-ventricular remodeling after tetralogy of Fallot repair. Pediatric Research, 2012, 72, 407-413.	2.3	47
71	Increased left ventricular myocardial extracellular volume is associated with longer cardiopulmonary bypass times, biventricular enlargement and reduced exercise tolerance in children after repair of Tetralogy of Fallot. Journal of Cardiovascular Magnetic Resonance, 2016, 18, 75.	3.3	46
72	Aortic and mitral valve replacement in children: is there any role for biologic and bioprosthetic substitutes?â~†. European Journal of Cardio-thoracic Surgery, 2009, 36, 84-90.	1.4	45

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73	Long-Term Anticoagulation in Kawasaki Disease: Initial Use of Low Molecular Weight Heparin is a Viable Option for Patients with Severe Coronary Artery Abnormalities. Pediatric Cardiology, 2010, 31, 834-842.	1.3	45
74	Epidemiology of Kawasaki Disease in Canada 2004 to 2014: Comparison of Surveillance Using Administrative Data vs Periodic Medical Record Review. Canadian Journal of Cardiology, 2018, 34, 303-309.	1.7	44
75	Hyperglycemia after pediatric cardiac surgery: Impact of age and residual lesions*. Critical Care Medicine, 2011, 39, 266-272.	0.9	42
76	Population Trends Toward Increasing Cardiovascular Risk Factors in Canadian Adolescents. Journal of Pediatrics, 2010, 157, 837-843.	1.8	41
77	The Ross procedure in children: preoperative haemodynamic manifestation has significant effect on late autograft re-operationâ~†. European Journal of Cardio-thoracic Surgery, 2010, 38, 547-555.	1.4	41
78	Results of rapid-response extracorporeal cardiopulmonary resuscitation in children with refractory cardiac arrest following cardiac surgery. European Journal of Cardio-thoracic Surgery, 2014, 45, 268-275.	1.4	41
79	Outcomes of heart transplantation in children with hypoplastic left heart syndrome previously palliated with the Norwood procedure. Journal of Thoracic and Cardiovascular Surgery, 2016, 151, 167-175.e2.	0.8	41
80	Readiness for Transition to Adult Health Care for Young Adolescents with Congenital Heart Disease. Pediatric Cardiology, 2017, 38, 778-786.	1.3	41
81	Mediumâ€Term Complications Associated With Coronary Artery Aneurysms After Kawasaki Disease: A Study From the International Kawasaki Disease Registry. Journal of the American Heart Association, 2020, 9, e016440.	3.7	41
82	Functional Health Status in Adult Survivors of Operative Repair of Tetralogy of Fallot. American Journal of Cardiology, 2012, 109, 873-880.	1.6	40
83	Exercise Capacity and Self-Efficacy are Associated with Moderate-to-Vigorous Intensity Physical Activity in Children with Congenital Heart Disease. Pediatric Cardiology, 2017, 38, 1206-1214.	1.3	40
84	Tricuspid annulus diameter does not predict the development of tricuspid regurgitation after mitral valve repair for mitral regurgitation due to degenerative diseases. Journal of Thoracic and Cardiovascular Surgery, 2018, 155, 2429-2436.	0.8	40
85	Infective endocarditis in children: native valve preservation is frequently possible despite advanced clinical disease. European Journal of Cardio-thoracic Surgery, 2009, 35, 130-135.	1.4	38
86	Effectiveness of Serial Increases in Amino-Terminal Pro–B-Type Natriuretic Peptide Levels to Indicate the Need for Mechanical Circulatory Support in Children With Acute Decompensated Heart Failure. American Journal of Cardiology, 2011, 107, 573-578.	1.6	38
87	Parental factors associated with screen time in pre-school children in primary-care practice: a TARGet Kids! study. Public Health Nutrition, 2011, 14, 2134-2138.	2.2	38
88	Office-Based Randomized Controlled Trial to Reduce Screen Time in Preschool Children. Pediatrics, 2012, 130, 1110-1115.	2.1	38
89	Risk factors for mortality or delisting of patients from the pediatric heart transplant waiting list. Journal of Thoracic and Cardiovascular Surgery, 2014, 147, 462-468.	0.8	38
90	Factors associated with development of coronary artery aneurysms after Kawasaki disease are similar for those treated promptly and those with delayed or no treatment. International Journal of Cardiology, 2017, 236, 157-161.	1.7	38

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91	The profile of renal function over time in a cohort of pediatric heart transplant recipients. Pediatric Transplantation, 2009, 13, 111-118.	1.0	37
92	Association Between Parental Anxiety and Compliance With Preoperative Requirements for Pediatric Outpatient Surgery. Journal of Pediatric Health Care, 2009, 23, 372-377.	1.2	37
93	RAAS gene polymorphisms influence progression of pediatric hypertrophic cardiomyopathy. Human Genetics, 2007, 122, 515-523.	3.8	36
94	Spectrum and Outcome of Primary Cardiomyopathies Diagnosed During Fetal Life. JACC: Heart Failure, 2014, 2, 403-411.	4.1	36
95	Relative Impact of Right Ventricular Electromechanical Dyssynchrony Versus Pulmonary Regurgitation on Right Ventricular Dysfunction and Exercise Intolerance in Patients After Repair of Tetralogy of Fallot. Journal of the American Heart Association, 2019, 8, e010903.	3.7	36
96	Coronary artery dilation after Kawasaki disease for children within the normal range. International Journal of Cardiology, 2009, 136, 27-32.	1.7	35
97	Current Use of Hearts From Hepatitis C Viremic Donors. Circulation: Heart Failure, 2018, 11, e005276.	3.9	35
98	A prospective study of dobutamine stress echocardiography for the assessment of cardiac allograft vasculopathy in pediatric heart transplant recipients. Pediatric Transplantation, 2008, 12, 570-576.	1.0	34
99	Electroacupuncture reduces myocardial infarct size and improves post-ischemic recovery by invoking release of humoral, dialyzable, cardioprotective factors. Journal of Physiological Sciences, 2013, 63, 219-223.	2.1	34
100	Results of palliation with an initial pulmonary artery band in patients with single ventricle associated with unrestricted pulmonary blood flow. Journal of Thoracic and Cardiovascular Surgery, 2015, 149, 213-220.	0.8	34
101	Corticosteroid administration for patients with coronary artery aneurysms after Kawasaki disease may be associated with impaired regression. International Journal of Cardiology, 2012, 154, 9-13.	1.7	33
102	Symptoms of Disturbed Sleep Predict Major Adverse Cardiac Events After Percutaneous Coronary Intervention. Canadian Journal of Cardiology, 2014, 30, 118-124.	1.7	33
103	Echocardiographic Assessment of Cardiac Function in Pediatric Survivors of Anthracycline-Treated Childhood Cancer. Circulation: Cardiovascular Imaging, 2019, 12, e008869.	2.6	33
104	Challenges with heparin-based anticoagulation during cardiopulmonary bypass in children: Impact of low antithrombin activity. Journal of Thoracic and Cardiovascular Surgery, 2016, 151, 444-450.	0.8	32
105	Prognostic Value of Serial Echocardiography in Hypoplastic Left Heart Syndrome. Circulation: Cardiovascular Imaging, 2018, 11, e006983.	2.6	32
106	Impact of prenatal diagnosis and anatomical subtype on outcome in double outlet right ventricle. American Heart Journal, 2010, 160, 692-700.	2.7	31
107	Outcomes of prenatally diagnosed tetralogy of Fallot: Implications for valve-sparing repair versus transannular patch. Canadian Journal of Cardiology, 2010, 26, e1-e6.	1.7	31
108	A randomized clinical trial of age and genotypeâ€guided tacrolimus dosing after pediatric solid organ transplantation. Pediatric Transplantation, 2018, 22, e13285.	1.0	31

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109	Association of Echocardiographic Parameters of Right Ventricular Remodeling and Myocardial Performance With Modified Task Force Criteria in Adolescents With Arrhythmogenic Right Ventricular Cardiomyopathy. Circulation: Cardiovascular Imaging, 2019, 12, e007693.	2.6	30
110	Myocardial Tissue Doppler Velocity Imaging inÂChildren: Comparative Study between Two Ultrasound Systems. Journal of the American Society of Echocardiography, 2010, 23, 929-937.	2.8	29
111	Poor Accuracy of Noninvasive Cardiac Output Monitoring Using Bioimpedance Cardiography [PhysioFlow®] Compared to Magnetic Resonance Imaging in Pediatric Patients. Anesthesia and Analgesia, 2012, 114, 771-775.	2.2	29
112	Contemporary Outcomes and Factors Associated With Mortality After a Fetal or Neonatal Diagnosis of Ebstein Anomaly and Tricuspid Valve Disease. Canadian Journal of Cardiology, 2016, 32, 1500-1506.	1.7	29
113	Challenges and Priorities for Research. Circulation, 2014, 130, 1192-1203.	1.6	28
114	Predictors of Bicuspid Aortic Valve–Associated Aortopathy in Childhood. Circulation: Cardiovascular Imaging, 2020, 13, e009717.	2.6	28
115	Pulmonary arterial capacitance in children with idiopathic pulmonary arterial hypertension and pulmonary arterial hypertension associated with congenital heart disease: Relation to pulmonary vascular resistance, exercise capacity, and survival. American Heart Journal, 2011, 162, 562-568.	2.7	27
116	Long-term Management of Kawasaki Disease: Implications for the Adult Patient. Pediatrics and Neonatology, 2013, 54, 12-21.	0.9	27
117	Intravenous immunoglobulin preparation type: Association with outcomes for patients with acute Kawasaki disease. Pediatric Allergy and Immunology, 2010, 21, 515-521.	2.6	26
118	Atorvastatin Safety in Kawasaki Disease Patients With Coronary Artery Aneurysms. Pediatric Cardiology, 2014, 35, 89-92.	1.3	26
119	Left ventricular myocardial response to exercise in children after heart transplant. Journal of Heart and Lung Transplantation, 2014, 33, 1241-1247.	0.6	26
120	Systolic and Diastolic Myocardial Response to Exercise in a Healthy Pediatric Cohort. Journal of the American Society of Echocardiography, 2016, 29, 648-654.	2.8	26
121	Intermediate results following complex biventricular repair of left ventricular outflow tract obstruction in neonates and infantsâ~†. European Journal of Cardio-thoracic Surgery, 2010, 38, 431-438.	1.4	25
122	Reported electronic cigarette use among adolescents in the Niagara region of Ontario. Cmaj, 2016, 188, 794-800.	2.0	25
123	Novel approaches to the prediction, diagnosis and treatment of cardiac late effects in survivors of childhood cancer: a multi-centre observational study. BMC Cancer, 2017, 17, 519.	2.6	25
124	Neural Networks for Prognostication of Patients With Heart Failure. Circulation: Heart Failure, 2018, 11, e005193.	3.9	25
125	The effect of pre–heart transplant body mass index on posttransplant outcomes: An analysis of the ISHLT Registry Data. Clinical Transplantation, 2019, 33, e13621.	1.6	25
126	Comparison of Impact of Prenatal Versus Postnatal Diagnosis of Congenitally Corrected Transposition of the Great Arteries. American Journal of Cardiology, 2009, 104, 1276-1279.	1.6	24

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127	Factors Associated With in Utero Demise of Fetuses That Have Underlying Cardiac Pathologies. Pediatric Cardiology, 2014, 35, 1403-1414.	1.3	24
128	Incidence and predictors of sudden cardiac death after heart transplantation: A systematic review and metaâ€analysis. Clinical Transplantation, 2018, 32, e13206.	1.6	24
129	Left ventricular remodelling in long-term survivors after the arterial switch operation for transposition of the great arteries. European Heart Journal Cardiovascular Imaging, 2019, 20, 101-107.	1.2	24
130	Competing Outcomes After Neonatal and Infant Wait-listing for Heart Transplantation. Journal of Heart and Lung Transplantation, 2007, 26, 980-985.	0.6	23
131	Exercise Capacity Improves With Time in Pediatric Heart Transplant Recipients. Journal of Heart and Lung Transplantation, 2009, 28, 585-590.	0.6	23
132	Use of Free-Living Step Count Monitoring for Heart Failure Functional Classification: Validation Study. JMIR Cardio, 2019, 3, e12122.	1.7	23
133	Hypertrophic Cardiomyopathy in Childhood: Disease Natural History, Impact of Obstruction, and Its Influence on Survival. Annals of Thoracic Surgery, 2012, 93, 840-848.	1.3	22
134	Rate, associated factors and outcomes of recurrence of Kawasaki disease in Ontario, Canada. Pediatrics International, 2012, 54, 383-387.	0.5	22
135	Effectiveness of Omega-3 Polysaturated Fatty Acids (Fish Oil) Supplementation for Treating Hypertriglyceridemia in Children and Adolescents. Clinical Pediatrics, 2014, 53, 645-651.	0.8	22
136	Insulin resistance and inflammation are a cause of hyperglycemia after pediatric cardiopulmonary bypass surgery. Journal of Thoracic and Cardiovascular Surgery, 2015, 150, 498-504.e1.	0.8	22
137	Management and Outcomes of Patients with Occlusive Thrombosis after Pediatric Cardiac Surgery. Journal of Pediatrics, 2016, 169, 146-153.	1.8	21
138	Lower socioeconomic status, adiposity and negative health behaviours in youth: a cross-sectional observational study. BMJ Open, 2015, 5, e008291-e008291.	1.9	20
139	Genetic variations in hypoxia response genes influence hypertrophic cardiomyopathy phenotype. Pediatric Research, 2012, 72, 583-592.	2.3	19
140	Prognostic Implications of the Systolic to Diastolic Duration Ratio in Children With Idiopathic or Familial Dilated Cardiomyopathy. Circulation: Cardiovascular Imaging, 2014, 7, 773-780.	2.6	19
141	A cluster randomized trial of a transition intervention for adolescents with congenital heart disease: rationale and design of the CHAPTER 2 study. BMC Cardiovascular Disorders, 2016, 16, 127.	1.7	19
142	Universal screening for cardiovascular disease risk factors in adolescents to identify high-risk families: a population-based cross-sectional study. BMC Pediatrics, 2016, 16, 11.	1.7	19
143	Left Ventricular Myocardial and Hemodynamic Response to Exercise in Young Patients after Endovascular Stenting for Aortic Coarctation. Journal of the American Society of Echocardiography, 2016, 29, 237-246.	2.8	19
144	A Randomized Pilot Trial of Remote Ischemic Preconditioning in Heart Failure with Reduced Ejection Fraction. PLoS ONE, 2014, 9, e105361.	2.5	19

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145	Living at an altitude adversely affects exercise capacity in Fontan patients. Cardiology in the Young, 2010, 20, 593-601.	0.8	18
146	Parental Anxiety Associated With Kawasaki Disease in Previously Healthy Children. Journal of Pediatric Health Care, 2010, 24, 250-257.	1.2	18
147	Outcomes and associated risk factors for mitral valve replacement in childrenâ~†. European Journal of Cardio-thoracic Surgery, 2011, 40, 543-51.	1.4	18
148	Gene expression profiling and racial disparities in outcomes after heart transplantation. Journal of Heart and Lung Transplantation, 2019, 38, 820-829.	0.6	18
149	Characteristics and Outcomes of Double Outlet Left Ventricle. Congenital Heart Disease, 2010, 5, 532-536.	0.2	17
150	Usefulness of Mitral Regurgitation as a Marker of Increased Risk for Death or Cardiac Transplantation in Idiopathic Dilated Cardiomyopathy in Children. American Journal of Cardiology, 2011, 107, 1517-1521.	1.6	17
151	Outcome, incidence and risk factors for stroke after pediatric heart transplantation: An analysis of the International Society for Heart and Lung Transplantation Registry. Journal of Heart and Lung Transplantation, 2016, 35, 597-602.	0.6	17
152	High-risk cardiac surgery as an alternative to transplant or mechanical support in patients with end-stage heart failure. Journal of Thoracic and Cardiovascular Surgery, 2017, 154, 517-525.	0.8	17
153	Contemporary Outcomes and Factors Associated With Mortality After a Fetal or Postnatal Diagnosis of Common Arterial Trunk. Canadian Journal of Cardiology, 2019, 35, 446-452.	1.7	17
154	Artificial intelligence in pediatric cardiology: taking baby steps in the big world of data. Current Opinion in Cardiology, 2022, 37, 130-136.	1.8	17
155	Recipient Genotype Is a Predictor of Allograft Cytokine Expression and Outcomes After Pediatric Cardiac Transplantation. Journal of the American College of Cardiology, 2009, 53, 1909-1917.	2.8	16
156	Variability in Response to Intravenous Immunoglobulin in the Treatment of Kawasaki Disease. Journal of Pediatrics, 2016, 179, 124-130.e1.	1.8	16
157	Treatment-associated hemolysis in Kawasaki disease: association with blood-group antibody titers in IVIG products. Blood Advances, 2020, 4, 3416-3426.	5.2	16
158	Continuous infusion of thymoglobulin for induction therapy in pediatric heart transplant recipients; experience and outcomes with a novel strategy for administration. Pediatric Transplantation, 2009, 13, 585-589.	1.0	15
159	The â€~Golden Keys' to health – a healthy lifestyle intervention with randomized individual mentorship for overweight and obesity in adolescents. Paediatrics and Child Health, 2011, 16, 473-478.	0.6	15
160	Is the Ross Procedure a Suitable Choice for Aortic Valve Replacement in Children With Rheumatic Aortic Valve Disease?. World Journal for Pediatric & Congenital Heart Surgery, 2012, 3, 8-15.	0.8	15
161	Clinical Review of Obstructive Primary Cardiac Tumors in Childhood. Congenital Heart Disease, 2014, 9, 244-251.	0.2	15
162	Knowledge, attitudes, and practice preferences of Canadian cardiac surgeons toward the management of acute type A aortic dissection. Journal of Thoracic and Cardiovascular Surgery, 2015, 150, 824-831.e5.	0.8	15

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163	Determining the accuracy of predictive energy expenditure (PREE) equations in severely obese adolescents. Clinical Nutrition, 2017, 36, 1158-1164.	5.0	15
164	Dynamic Myocardial Response to Exercise in Childhood Cancer Survivors Treated with Anthracyclines. Journal of the American Society of Echocardiography, 2018, 31, 933-942.	2.8	15
165	The evolving risk of sudden cardiac death after heart transplant. An analysis of the ISHLT Thoracic Transplant Registry. Clinical Transplantation, 2019, 33, e13490.	1.6	15
166	Low-Molecular-Weight Heparin vs Warfarin for Thromboprophylaxis in Children With Coronary Artery Aneurysms After Kawasaki Disease: A Pragmatic Registry Trial. Canadian Journal of Cardiology, 2020, 36, 1598-1607.	1.7	15
167	Superior results following the Ross procedure in patients with congenital heart disease. Journal of Heart Valve Disease, 2010, 19, 269-77; discussion 278.	0.5	15
168	Intraoperative coronary artery pulse Doppler patterns in patients with complete transposition of the great arteries undergoing the arterial switch operation. American Heart Journal, 2008, 156, 466-472.	2.7	14
169	Foetal echocardiographic assessment of borderline small left ventricles can predict the need for postnatal intervention. Cardiology in the Young, 2013, 23, 99-107.	0.8	14
170	Perioperative factors associated with in-hospital mortality orÂretransplantation in pediatric heart transplant recipients. Journal of Thoracic and Cardiovascular Surgery, 2014, 148, 282-289.	0.8	14
171	A Primer on the Present State and Future Prospects for Machine Learning and Artificial Intelligence Applications in Cardiology. Canadian Journal of Cardiology, 2022, 38, 169-184.	1.7	14
172	Angiotensinâ€Converting Enzyme Inhibitor Initiation and Dose Uptitration in Children With Cardiovascular Disease: A Retrospective Review of Standard Clinical Practice and a Prospective Randomized Clinical Trial. Journal of the American Heart Association, 2016, 5, .	3.7	13
173	Fetal growth restriction and cardiovascular outcome in early human infancy: a prospective longitudinal study. Heart and Vessels, 2016, 31, 1504-1513.	1.2	13
174	Factors Associated With Low Moderate-to-Vigorous Physical Activity Levels in Pediatric Patients With Kawasaki Disease. Clinical Pediatrics, 2012, 51, 828-834.	0.8	12
175	Factors associated with low physical activity levels following pediatric cardiac transplantation. Pediatric Transplantation, 2012, 16, 716-721.	1.0	12
176	Intermittent nocturnal hypoxia and metabolic risk in obese adolescents with obstructive sleep apnea. Sleep and Breathing, 2018, 22, 1037-1044.	1.7	12
177	Coronary artery Doppler patterns are associated with clinical outcomes post-arterial switch operation for transposition of the great arteries. European Heart Journal Cardiovascular Imaging, 2018, 19, 461-468.	1.2	12
178	Spatiotemporal clustering of cases of Kawasaki disease and associated coronary artery aneurysms in Canada. Scientific Reports, 2018, 8, 17682.	3.3	12
179	Improving Prenatal Diagnosis of Coarctation of the Aorta. Canadian Journal of Cardiology, 2019, 35, 453-461.	1.7	12
180	Kawasaki Disease Shock Syndrome vs Classical Kawasaki Disease: A Meta-analysis and Comparison With SARS-CoV-2 Multisystem Inflammatory Syndrome. Canadian Journal of Cardiology, 2021, 37, 1619-1628.	1.7	12

#	Article	IF	CITATIONS
181	Fitting marginal structural models: estimating covariate-treatment associations in the reweighted data set can guide model fitting. Journal of Clinical Epidemiology, 2008, 61, 875-881.	5.0	11
182	Arterial complications associated with cardiac catheterization in pediatric patients with a previous history of kawasaki disease. Catheterization and Cardiovascular Interventions, 2009, 73, 809-813.	1.7	11
183	Anthropometric growth and utilization of enteral feeding support in pediatric heart transplant recipients. Pediatric Transplantation, 2010, 14, 879-886.	1.0	11
184	Myocardial Perfusion, Fibrosis, and Contractility in Children With Kawasaki Disease. JACC: Cardiovascular Imaging, 2018, 11, 1922-1924.	5.3	11
185	Effectiveness and Safety of Statin Therapy in Children: A Real-World Clinical Practice Experience. CJC Open, 2020, 2, 473-482.	1.5	11
186	Left Ventricular Size and Outcomes in Patients With Left Ventricular Ejection Fraction Less Than 20%. Annals of Thoracic Surgery, 2020, 110, 863-869.	1.3	11
187	Medicine-Based Evidence in Congenital Heart Disease: How Artificial Intelligence Can Guide Treatment Decisions for Individual Patients. Frontiers in Cardiovascular Medicine, 2021, 8, 798215.	2.4	11
188	Heparin Brand Is Associated With Postsurgical Outcomes in Children Undergoing Cardiac Surgery. Annals of Thoracic Surgery, 2012, 93, 878-882.	1.3	10
189	Human leukocyte antigen G single-nucleotide polymorphism -201 (CC–CC) donor–recipient genotype matching as a predictor of severe cardiac allograft vasculopathy. Journal of Heart and Lung Transplantation, 2016, 35, 1101-1107.	0.6	10
190	Kawasaki Disease and Systemic Juvenile Idiopathic Arthritis – Two Ends of the Same Spectrum. Frontiers in Pediatrics, 2021, 9, 665815.	1.9	10
191	The World Transplant Games: An incentive to improve physical fitness and habitual activity in pediatric solid organ transplant recipients. Pediatric Transplantation, 2014, 18, 889-895.	1.0	9
192	Simplici-T Annuloplasty Band for Mitral Valve Repair for Degenerative Disease. Annals of Thoracic Surgery, 2014, 98, 1551-1556.	1.3	9
193	The Utility of Cardiopulmonary Exercise Testing for the Prediction of Outcomes in Ambulatory Children With Dilated Cardiomyopathy. Transplantation, 2017, 101, 2455-2460.	1.0	9
194	Dyslipidemia management in overweight or obese adolescents: A mixed-methods clinical trial of motivational interviewing. SAGE Open Medicine, 2017, 5, 205031211770715.	1.8	9
195	Adrenergic receptor genotype influences heart failure severity and β-blocker response in children with dilated cardiomyopathy. Pediatric Research, 2015, 77, 363-369.	2.3	8
196	Hemodynamic effects of sustained postoperative cardiac resynchronization therapy in infants after repair of congenital heart disease: Results of a randomized clinical trial. Heart Rhythm, 2017, 14, 240-247.	0.7	8
197	Machine learning for predictive analytics in medicine: real opportunity or overblown hype?. European Heart Journal Cardiovascular Imaging, 2018, 19, 727-728.	1.2	8
198	Metabolomic Profiling of Adults with Congenital Heart Disease. Metabolites, 2021, 11, 525.	2.9	8

#	Article	IF	CITATIONS
199	Successfully implemented artificial intelligence and machine learning applications in cardiology: State-of-the-art review. Trends in Cardiovascular Medicine, 2023, 33, 265-271.	4.9	8
200	Impact of the 2010 FIFA (Federation Internationale de Football Association) World Cup on Pediatric Injury and Mortality in Cape Town, South Africa. Journal of Pediatrics, 2014, 164, 327-331.	1.8	7
201	Education for lifestyle-based management of hyperlipidemia in children enhanced by a collaborative approach. Journal of Clinical Lipidology, 2014, 8, 187-193.	1.5	7
202	The impact of not having a ductus arteriosus on clinical outcomes in foetuses diagnosed with tetralogy of Fallot. Cardiology in the Young, 2015, 25, 684-692.	0.8	7
203	Kawasaki Disease With Coronary Artery Aneurysms: Psychosocial Impact on Parents and Children. Journal of Pediatric Health Care, 2017, 31, 459-469.	1.2	7
204	Comparison of a physical activity recall questionnaire with accelerometry in children and adolescents with obesity: a pilot study. Pediatric Obesity, 2017, 12, e41-e45.	2.8	7
205	Comparison of cardiac surgery mortality reports using administrative and clinical data sources: a prospective cohort study. CMAJ Open, 2018, 6, E316-E321.	2.4	7
206	Development and Validation of Bioelectrical Impedance Analysis Equations in Adolescents with Severe Obesity. Journal of Nutrition, 2019, 149, 1288-1293.	2.9	7
207	Cardiac point of care ultrasound in resource limited settings to manage children with congenital and acquired heart disease. Cardiology in the Young, 2021, 31, 1651-1657.	0.8	7
208	Response to hepatitis A and B vaccination after pediatric heart transplant. Pediatric Transplantation, 2012, 16, 699-703.	1.0	6
209	Clinical Impact of Stent Implantation for Coarctation of the Aorta with Associated Hypoplasia of the Transverse Aortic Arch. Pediatric Cardiology, 2017, 38, 1016-1023.	1.3	6
210	Prelisting predictions of early postoperative survival in infant heart transplantation using classification and regression tree analysis. Pediatric Transplantation, 2018, 22, e13105.	1.0	6
211	Characterization of Post-Thrombotic Syndrome in Children with Cardiac Disease. Journal of Pediatrics, 2019, 207, 42-48.	1.8	6
212	Infectious complications after heart transplantation in patients screened with gene expression profiling. Journal of Heart and Lung Transplantation, 2019, 38, 611-618.	0.6	6
213	Association between genetic variants in the HIF1A-VEGF pathway and left ventricular regional myocardial deformation in patients with hypertrophic cardiomyopathy. Pediatric Research, 2021, 89, 628-635.	2.3	6
214	Human leukocyte antigen-G donor-recipient matching of the 14-base pair polymorphism protects against cancer after heart transplant. Journal of Heart and Lung Transplantation, 2020, 39, 686-694.	0.6	6
215	Management and monitoring of anticoagulation for children undergoing cardiopulmonary bypass in cardiac surgery. Journal of Extra-Corporeal Technology, 2010, 42, 9-19.	0.4	6
216	Elevated atherogenic lipoproteins in childhood: Risk, prevention, and treatment. Journal of Clinical Lipidology, 2008, 2, 138-146.	1.5	5

#	Article	IF	CITATIONS
217	The Myocardium of Fetuses with Endocardial Fibroelastosis Contains Fewer B and T Lymphocytes than Normal Control Myocardium. Pediatric Cardiology, 2011, 32, 1088-1095.	1.3	5
218	Physical Activity Interacts With Adiposity in Determining Cardiometabolic Risk in Adolescents. Pediatric Exercise Science, 2012, 24, 537-548.	1.0	5
219	Adenosine Receptor Activation in the"Trigger―Limb of Remote Pre-Conditioning Mediates Human Endothelial Conditioning and Release of Circulating Cardioprotective Factor(s). JACC Basic To Translational Science, 2016, 1, 461-471.	4.1	5
220	Comparison of Immune Profiles in Fetal Hearts with Idiopathic Dilated Cardiomyopathy, Maternal Autoimmune-Associated Dilated Cardiomyopathy and the Normal Fetus. Pediatric Cardiology, 2016, 37, 353-363.	1.3	5
221	Feeding May Modulate the Relationship Between Systemic Inflammation, Insulin Resistance, and Poor Outcome Following Cardiopulmonary Bypass for Pediatric Cardiac Surgery. Journal of Parenteral and Enteral Nutrition, 2020, 44, 308-317.	2.6	5
222	Kawasaki Disease Shock Syndrome Versus Septic Shock: Early Differentiating Features Despite Overlapping Clinical Profiles. Journal of Pediatrics, 2021, 231, 162-167.	1.8	5
223	Use of local anesthetic (0.25% bupivacaine) for pain control after pediatric cardiac catheterization: A randomized controlled trial. Catheterization and Cardiovascular Interventions, 2016, 87, 318-323.	1.7	4
224	Rapid Advancement in Enteral Nutrition Does Not Affect Systemic Inflammation and Insulin Homeostasis Following Pediatric Cardiopulmonary Bypass Surgery*. Pediatric Critical Care Medicine, 2020, 21, e441-e448.	0.5	4
225	ST2 Predicts Risk of Unplanned Readmission Within 1 Year After Pediatric Congenital Heart Surgery. Annals of Thoracic Surgery, 2020, 110, 2070-2075.	1.3	4
226	Impact of Increasing Adiposity in Hyperlipidemic Children. Clinical Pediatrics, 2008, 47, 679-684.	0.8	3
227	Fate of the Remaining Neo-Aortic Root After Autograft Valve Replacement With a Stented Prosthesis for the Failing Ross Procedure. Annals of Thoracic Surgery, 2013, 96, 59-65.	1.3	3
228	Human Leukocyte Antigen-G Polymorphisms Association With Cancer Post-Heart Transplantation. Human Immunology, 2016, 77, 805-811.	2.4	3
229	Comparison of Heart Transplantation Outcomes: Adult Congenital Heart Disease vs Matched Cardiac Patients in a Quaternary Reference Centre. Canadian Journal of Cardiology, 2020, 36, 1208-1216.	1.7	3
230	Longitudinal Prediction of Transplant-Free Survival by Echocardiography in Pediatric Dilated Cardiomyopathy. Canadian Journal of Cardiology, 2021, 37, 867-876.	1.7	3
231	Associations between the spatiotemporal distribution of Kawasaki disease and environmental factors: evidence supporting a multifactorial etiologic model. Scientific Reports, 2021, 11, 14617.	3.3	3
232	Deep Learning-Based Approach to Automatically Assess Coronary Distensibility Following Kawasaki Disease. Pediatric Cardiology, 2021, , 1.	1.3	3
233	Mitral valve replacement with the Quattro stentless pericardial bioprosthesis: mid-term clinical and echocardiographic follow up. Journal of Heart Valve Disease, 2010, 19, 304-11.	0.5	3
234	Supporting Physicians With Education and Know-How in Identifying and Motivating Overweight Kids: A Feasibility Pilot Study. Canadian Journal of Diabetes, 2013, 37, S240.	0.8	2

#	Article	IF	CITATIONS
235	Myocyte growth, repair, and oxidative stress following pediatric heart transplantation. Pediatric Transplantation, 2014, 18, 764-770.	1.0	2
236	Response to Letter Regarding Article, "Reduced Fetal Cerebral Oxygen Consumption Is Associated With Smaller Brain Size in Fetuses With Congenital Heart Disease― Circulation, 2016, 133, e8.	1.6	2
237	Serial Assessment of Tricuspid Annular Plane Systolic Excursion Is Associated with Death or Lung Transplant in Children with Pulmonary Arterial Hypertension. Journal of the American Society of Echocardiography, 2021, 34, 1320-1322.	2.8	2
238	Variation in Pharmacologic Management of Patients with Kawasaki Disease with Coronary Artery Aneurysms. Journal of Pediatrics, 2021, , .	1.8	2
239	Trajectory of Left Ventricular Remodeling in Children With Valvar Aortic Stenosis Following Balloon Aortic Valvuloplasty. Circulation: Cardiovascular Imaging, 2022, 15, e013200.	2.6	2
240	Risk scores do not adjust for aggressive, evidence-based changes in percutaneous coronary intervention practice patterns. Future Cardiology, 2015, 11, 137-146.	1.2	1
241	Surgical approaches to pulmonary vein stenosis in pediatric heart transplant recipients: Opportunity for success in a difficult situation. Journal of Heart and Lung Transplantation, 2016, 35, 1135-1137.	0.6	1
242	Can We Still Improve Survival Outcomes of Neonatal Biventricular Repairs?. Annals of Thoracic Surgery, 2021, 111, 199-205.	1.3	1
243	Neonatal encephalopathy plasma metabolites are associated with neurodevelopmental outcomes. Pediatric Research, 2021, , .	2.3	1
244	The Clinical Challenge of Accurate Physical Activity Measurement in Overweight Adolescents. Canadian Journal of Diabetes, 2013, 37, S261.	0.8	0
245	Overweight Children's Perceptions of Physicians' Attributes and Behaviours in Relation to How Health Advice is Received in Primary Care. Canadian Journal of Diabetes, 2013, 37, S271.	0.8	0
246	Universal Screening of Obesity and Cardiovascular Risk Factors in Adolescents: Does it Identify High Risk Families?. Canadian Journal of Diabetes, 2013, 37, S284.	0.8	0
247	Author Reply to Comment On "Atorvastatin Safety in Kawasaki Disease Patients With Coronary Artery Aneurysms― Pediatric Cardiology, 2014, 35, 94-95.	1.3	0
248	Physical Activity and Sleepiness among Obese Youth. Canadian Journal of Diabetes, 2015, 39, S65.	0.8	0
249	Prenatal assessment of Tetralogy of Fallot: A multicenter prospective cohort study. Progress in Pediatric Cardiology, 2021, 60, 101279.	0.4	0
250	Understanding the Educational Support and Psychosocial Needs of Parents and Adolescents With Kawasaki's Disease and Coronary Artery Aneurysms. Journal of Pediatric Health Care, 2021, 35, e21-e31.	1.2	0
251	Distribution and Clinical Signs of Venous, Arterial and Intracardiac Clots After Pediatric Cardiac Surgery Blood, 2009, 114, 3992-3992.	1.4	0
252	Response to Yu and Khan. International Journal of Cardiology, 2022, 348, 115.	1.7	0

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#	Article	IF	CITATIONS
253	Association of Acute Anti-Inflammatory Treatment with Medium-Term Outcomes for Coronary Artery Aneurysms in Kawasaki Disease. , 2022, , .		0