

# Andrew S Mackie

## List of Publications by Citations

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115  
papers

5,764  
citations

32  
h-index

75  
g-index

124  
ext. papers

6,884  
ext. citations

4  
avg, IF

5.5  
L-index

#	Paper	IF	Citations
115	Congenital heart disease in the general population: changing prevalence and age distribution. <i>Circulation</i> , <b>2007</b> , 115, 163-72	16.7	1243
114	Lifetime prevalence of congenital heart disease in the general population from 2000 to 2010. <i>Circulation</i> , <b>2014</b> , 130, 749-56	16.7	627
113	Changing mortality in congenital heart disease. <i>Journal of the American College of Cardiology</i> , <b>2010</b> , 56, 1149-57	15.1	568
112	Children and adults with congenital heart disease lost to follow-up: who and when?. <i>Circulation</i> , <b>2009</b> , 120, 302-9	16.7	189
111	Specialized adult congenital heart disease care: the impact of policy on mortality. <i>Circulation</i> , <b>2014</b> , 129, 1804-12	16.7	185
110	Planning the specialized care of adult congenital heart disease patients: from numbers to guidelines; an epidemiologic approach. <i>American Heart Journal</i> , <b>2009</b> , 157, 1-8	4.9	160
109	Prevalence of severe congenital heart disease after folic acid fortification of grain products: time trend analysis in Quebec, Canada. <i>BMJ, The</i> , <b>2009</b> , 338, b1673	5.9	158
108	Diffuse myocardial fibrosis by T1-mapping in children with subclinical anthracycline cardiotoxicity: relationship to exercise capacity, cumulative dose and remodeling. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2013</b> , 15, 48	6.9	157
107	A novel method of expressing left ventricular mass relative to body size in children. <i>Circulation</i> , <b>2008</b> , 117, 2769-75	16.7	152
106	Health care resource utilization in adults with congenital heart disease. <i>American Journal of Cardiology</i> , <b>2007</b> , 99, 839-43	3	152
105	Truncus arteriosus associated with interrupted aortic arch in 50 neonates: a Congenital Heart Surgeons Society study. <i>Annals of Thoracic Surgery</i> , <b>2006</b> , 81, 214-22	2.7	119
104	Infective endocarditis in children with congenital heart disease: cumulative incidence and predictors. <i>Circulation</i> , <b>2013</b> , 128, 1412-9	16.7	97
103	Quality of Life of Adults With Congenital Heart Disease in 15 Countries: Evaluating Country-Specific Characteristics. <i>Journal of the American College of Cardiology</i> , <b>2016</b> , 67, 2237-2245	15.1	95
102	Healthcare transition for youth with heart disease: a clinical trial. <i>Heart</i> , <b>2014</b> , 100, 1113-8	5.1	93
101	A randomized, double-blind, placebo-controlled pilot trial of triiodothyronine in neonatal heart surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2005</b> , 130, 810-6	1.5	84
100	Transition Intervention for Adolescents With Congenital Heart Disease. <i>Journal of the American College of Cardiology</i> , <b>2018</b> , 71, 1768-1777	15.1	67
99	Hospital readmissions in children with congenital heart disease: a population-based study. <i>American Heart Journal</i> , <b>2008</b> , 155, 577-84	4.9	65

98	Sudden cardiac death in association with the ketogenic diet. <i>Pediatric Neurology</i> , <b>2008</b> , 39, 429-31	2.9	58
97	Right ventricular function in fetal hypoplastic left heart syndrome. <i>Journal of the American Society of Echocardiography</i> , <b>2012</b> , 25, 1068-74	5.8	56
96	Normal rotational, torsion and untwisting data in children, adolescents and young adults. <i>Journal of the American Society of Echocardiography</i> , <b>2010</b> , 23, 286-93	5.8	55
95	The study of antiarrhythmic medications in infancy (SAMIS): a multicenter, randomized controlled trial comparing the efficacy and safety of digoxin versus propranolol for prophylaxis of supraventricular tachycardia in infants. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2012</b> , 5, 984-91	6.4	52
94	Infective Endocarditis Hospitalizations Before and After the 2007 American Heart Association Prophylaxis Guidelines. <i>Canadian Journal of Cardiology</i> , <b>2016</b> , 32, 942-8	3.8	51
93	Results of the FUEL Trial. <i>Circulation</i> , <b>2020</b> , 141, 641-651	16.7	50
92	New Reference Centiles for Left Ventricular Mass Relative to Lean Body Mass in Children. <i>Journal of the American Society of Echocardiography</i> , <b>2016</b> , 29, 441-447.e2	5.8	49
91	Limitations of expressing left ventricular mass relative to height and to body surface area in children. <i>Journal of the American Society of Echocardiography</i> , <b>2013</b> , 26, 410-8	5.8	46
90	Two-dimensional versus transthoracic real-time three-dimensional echocardiography in the evaluation of the mechanisms and sites of atrioventricular valve regurgitation in a congenital heart disease population. <i>Journal of the American Society of Echocardiography</i> , <b>2010</b> , 23, 726-34	5.8	46
89	Patient-reported outcomes in adults with congenital heart disease: Inter-country variation, standard of living and healthcare system factors. <i>International Journal of Cardiology</i> , <b>2018</b> , 251, 34-41	3.2	45
88	Risk factors for loss to follow-up among children and young adults with congenital heart disease. <i>Cardiology in the Young</i> , <b>2012</b> , 22, 307-15	1	42
87	Risk factors for readmission after neonatal cardiac surgery. <i>Annals of Thoracic Surgery</i> , <b>2004</b> , 78, 1972-8; discussion 1978	2.7	39
86	Altered left ventricular tissue velocities, deformation and twist in children and young adults with acute myocarditis and normal ejection fraction. <i>Journal of the American Society of Echocardiography</i> , <b>2012</b> , 25, 294-303	5.8	36
85	Structure and process measures of quality of care in adult congenital heart disease patients: a pan-Canadian study. <i>International Journal of Cardiology</i> , <b>2012</b> , 157, 70-4	3.2	35
84	Can cardiologists distinguish innocent from pathologic murmurs in neonates?. <i>Journal of Pediatrics</i> , <b>2009</b> , 154, 50-54.e1	3.6	35
83	Effectiveness of prenatal screening for congenital heart disease: assessment in a jurisdiction with universal access to health care. <i>Canadian Journal of Cardiology</i> , <b>2013</b> , 29, 879-85	3.8	31
82	Sex differences in hospital mortality in adults with congenital heart disease: the impact of reproductive health. <i>Journal of the American College of Cardiology</i> , <b>2013</b> , 62, 58-67	15.1	31
81	Quantitative real-time three-dimensional echocardiography provides new insight into the mechanisms of mitral valve regurgitation post-repair of atrioventricular septal defect. <i>Journal of the American Society of Echocardiography</i> , <b>2012</b> , 25, 1231-44	5.8	30

80	Fast-track extubation after modified Fontan procedure. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2012</b> , 144, 547-52	1.5	28
79	The impact of 2007 infective endocarditis prophylaxis guidelines on the practice of congenital heart disease specialists. <i>American Heart Journal</i> , <b>2011</b> , 161, 123-9	4.9	28
78	Supporting pediatric patients with short-term continuous-flow devices. <i>Journal of Heart and Lung Transplantation</i> , <b>2016</b> , 35, 603-9	5.8	28
77	Valvular operations in patients with congenital heart disease: increasing rates from 1988 to 2005. <i>Annals of Thoracic Surgery</i> , <b>2010</b> , 90, 1563-9	2.7	27
76	Prophylactic peritoneal dialysis catheter does not decrease time to achieve a negative fluid balance after the Norwood procedure: a randomized controlled trial. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2015</b> , 149, 222-8	1.5	26
75	Psychosocial Maturity, Autonomy, and Transition Readiness among Young Adults with Congenital Heart Disease or a Heart Transplant. <i>Congenital Heart Disease</i> , <b>2016</b> , 11, 136-43	3.1	23
74	Antibiotic prophylaxis for infective endocarditis: Knowledge and implementation of American Heart Association Guidelines among dentists and dental hygienists in Alberta, Canada. <i>Journal of the American Dental Association</i> , <b>2015</b> , 146, 743-50	1.9	22
73	Cerebral perfusion and oxygenation after the Norwood procedure: comparison of right ventricle-pulmonary artery conduit with modified Blalock-Taussig shunt. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2007</b> , 133, 648-55	1.5	22
72	Echocardiographic predictors of aortopulmonary collaterals in infants with tetralogy of fallot and pulmonary atresia. <i>Journal of the American College of Cardiology</i> , <b>2003</b> , 41, 852-7	15.1	21
71	Cost of Congenital Heart Disease Hospitalizations in Canada: A Population-Based Study. <i>Canadian Journal of Cardiology</i> , <b>2017</b> , 33, 792-798	3.8	20
70	Congenital Heart Disease Hospitalizations in Canada: A 10-Year Experience. <i>Canadian Journal of Cardiology</i> , <b>2016</b> , 32, 197-203	3.8	20
69	Prevalence and severity of hypertensive retinopathy in children. <i>Clinical Pediatrics</i> , <b>2009</b> , 48, 926-30	1.2	20
68	Incidence, Predictors, and Mortality of Infective Endocarditis in Adults With Congenital Heart Disease Without Prosthetic Valves. <i>American Journal of Cardiology</i> , <b>2017</b> , 120, 2278-2283	3	19
67	Synthesis of digoxigenin-labeled cRNA probes for nonisotopic in situ hybridization using reverse transcription polymerase chain reaction. <i>Biotechnic and Histochemistry</i> , <b>1993</b> , 68, 153-8	1.8	18
66	Hemodynamic correlates of serum cortisol in neonates after cardiopulmonary bypass. <i>Pediatric Critical Care Medicine</i> , <b>2011</b> , 12, 297-303	3	17
65	A cluster randomized trial of a transition intervention for adolescents with congenital heart disease: rationale and design of the CHAPTER 2 study. <i>BMC Cardiovascular Disorders</i> , <b>2016</b> , 16, 127	2.3	17
64	Physical Functioning, Mental Health, and Quality of Life in Different Congenital Heart Defects: Comparative Analysis in 3538 Patients From 15 Countries. <i>Canadian Journal of Cardiology</i> , <b>2021</b> , 37, 215-223	3.8	17
63	Education as important predictor for successful employment in adults with congenital heart disease worldwide. <i>Congenital Heart Disease</i> , <b>2019</b> , 14, 362-371	3.1	16

62	Birth prevalence of congenital heart disease. <i>Epidemiology</i> , <b>2009</b> , 20, 466-8	3.1	16
61	Physical Activity-Related Drivers of Perceived Health Status in Adults With Congenital Heart Disease. <i>American Journal of Cardiology</i> , <b>2018</b> , 122, 1437-1442	3	15
60	Religion and spirituality as predictors of patient-reported outcomes in adults with congenital heart disease around the globe. <i>International Journal of Cardiology</i> , <b>2019</b> , 274, 93-99	3.2	15
59	Medium-Term Complications Associated With Coronary Artery Aneurysms After Kawasaki Disease: A Study From the International Kawasaki Disease Registry. <i>Journal of the American Heart Association</i> , <b>2020</b> , 9, e016440	6	15
58	Clinical outcome score predicts the need for neurodevelopmental intervention after infant heart surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2013</b> , 145, 1248-1254.e2	1.5	14
57	Texting teens in transition: the use of text messages in clinical intervention research. <i>JMIR MHealth and UHealth</i> , <b>2014</b> , 2, e45	5.5	14
56	Cardiac Auscultation in the Modern Era: Premature Requiem or Phoenix Rising?. <i>Cardiology in Review</i> , <b>2017</b> , 25, 205-210	3.2	13
55	A systematic review of the pharmacological management of aortic root dilation in Marfan syndrome. <i>Cardiology in the Young</i> , <b>2013</b> , 23, 568-81	1	12
54	Modifiable cardiovascular risk factors in adolescents and adults with congenital heart disease. <i>Congenital Heart Disease</i> , <b>2018</b> , 13, 563-570	3.1	12
53	Heterotaxy Syndrome and Intestinal Rotation Abnormalities. <i>Pediatrics</i> , <b>2018</b> , 142,	7.4	11
52	Protein-Losing Enteropathy Following Fontan Palliation. <i>Canadian Journal of Cardiology</i> , <b>2019</b> , 35, 1857-1860	3.8	11
51	Comparison of two surgical techniques for complete atrioventricular septal defect repair using two- and three-dimensional echocardiography. <i>Pediatric Cardiology</i> , <b>2014</b> , 35, 393-8	2.1	11
50	Regional variation in quality of life in patients with a Fontan circulation: A multinational perspective. <i>American Heart Journal</i> , <b>2017</b> , 193, 55-62	4.9	11
49	Echocardiographic detection of early myocardial calcification in acute neonatal myocarditis due to Coxsackie virus type B. <i>Pediatric Cardiology</i> , <b>2009</b> , 30, 862-3	2.1	10
48	Extracorporeal membrane oxygenation as a bridge to cardiac transplantation in a patient with cardiomyopathy and hemophilia A. <i>Intensive Care Medicine</i> , <b>2003</b> , 29, 985-988	14.5	10
47	Impaired Left Ventricular Reserve in Childhood Cancer Survivors Treated With Anthracycline Therapy. <i>Pediatric Blood and Cancer</i> , <b>2016</b> , 63, 1086-90	3	10
46	Health behaviours reported by adults with congenital heart disease across 15 countries. <i>European Journal of Preventive Cardiology</i> , <b>2020</b> , 27, 1077-1087	3.9	10
45	Perceived Health Mediates Effects of Physical Activity on Quality of Life in Patients With a Fontan Circulation. <i>American Journal of Cardiology</i> , <b>2019</b> , 124, 144-150	3	9

44	Tricuspid Valve Adaptation during the First Interstage Period in Hypoplastic Left Heart Syndrome. <i>Journal of the American Society of Echocardiography</i> , <b>2018</b> , 31, 624-633	5.8	9
43	Prevalence and Effects of Cigarette Smoking, Cannabis Consumption, and Co-use in Adults From 15 Countries With Congenital Heart Disease. <i>Canadian Journal of Cardiology</i> , <b>2019</b> , 35, 1842-1850	3.8	9
42	Follow-up after neonatal heart disease repair: watch out for chronic kidney disease and hypertension!. <i>Pediatric Nephrology</i> , <b>2020</b> , 35, 2137-2145	3.2	8
41	Parent readiness for discharge from a tertiary care pediatric cardiology unit. <i>Journal for Specialists in Pediatric Nursing</i> , <b>2016</b> , 21, 139-46	1.3	8
40	Implantable cardioverter-defibrillators and patient-reported outcomes in adults with congenital heart disease: An international study. <i>Heart Rhythm</i> , <b>2020</b> , 17, 768-776	6.7	8
39	Clinical Outcome Score Predicts Adverse Neurodevelopmental Outcome After Infant Heart Surgery. <i>Annals of Thoracic Surgery</i> , <b>2015</b> , 99, 2124-32	2.7	7
38	The Impact of Infective Endocarditis Prophylaxis Recommendations on the Practices of Pediatric and Adult Congenital Cardiologists. <i>Canadian Journal of Cardiology</i> , <b>2015</b> , 31, 1497.e23-8	3.8	7
37	Hospital Readmission of Patients With Congenital Heart Disease in Canada. <i>Canadian Journal of Cardiology</i> , <b>2016</b> , 32, 987.e7-987.e14	3.8	7
36	Transition and Transfer From Pediatric to Adult Congenital Heart Disease Care in Canada: Call For Strategic Implementation. <i>Canadian Journal of Cardiology</i> , <b>2019</b> , 35, 1640-1651	3.8	7
35	Computer-aided auscultation of murmurs in children: evaluation of commercially available software. <i>Cardiology in the Young</i> , <b>2016</b> , 26, 1359-64	1	7
34	Atrial arrhythmias and patient-reported outcomes in adults with congenital heart disease: An international study. <i>Heart Rhythm</i> , <b>2021</b> , 18, 793-800	6.7	7
33	Low-Molecular-Weight Heparin vs Warfarin for Thromboprophylaxis in Children With Coronary Artery Aneurysms After Kawasaki Disease: A Pragmatic Registry Trial. <i>Canadian Journal of Cardiology</i> , <b>2020</b> , 36, 1598-1607	3.8	6
32	Health care stakeholder perspectives regarding the role of a patient navigator during transition to adult care. <i>BMC Health Services Research</i> , <b>2019</b> , 19, 390	2.9	5
31	Reply to Letter From Thornhill et al.-Infective Endocarditis Hospitalizations Before and After the 2007 American Heart Association Prophylaxis Guidelines. <i>Canadian Journal of Cardiology</i> , <b>2016</b> , 32, 1578.e11	3.8	5
30	Sense of coherence in adults with congenital heart disease in 15 countries: Patient characteristics, cultural dimensions and quality of life. <i>European Journal of Cardiovascular Nursing</i> , <b>2021</b> , 20, 48-55	3.3	5
29	Health Care Resource Utilization Among Children With Congenital Heart Disease: A Population-Based Study. <i>Canadian Journal of Cardiology</i> , <b>2018</b> , 34, 1289-1297	3.8	4
28	Differential impact of physical activity type on depression in adults with congenital heart disease: A multi-center international study. <i>Journal of Psychosomatic Research</i> , <b>2019</b> , 124, 109762	4.1	4
27	Correlation of electrocardiogram parameters and hemodynamic outcomes in patients with isolated secundum atrial septal defects. <i>Annals of Pediatric Cardiology</i> , <b>2017</b> , 10, 152-157	0.8	4

26	Patient-Reported Outcomes in Adults With Congenital Heart Disease Following Hospitalization (from APPROACH-IS). <i>American Journal of Cardiology</i> , <b>2021</b> , 145, 135-142	3	4
25	Pragmatic trial evaluating the effectiveness of a patient navigator to decrease emergency room utilisation in transition age youth with chronic conditions: the Transition Navigator Trial protocol. <i>BMJ Open</i> , <b>2019</b> , 9, e034309	3	4
24	Impacting child health outcomes in congenital heart disease: Cluster randomized controlled trial protocol of in-clinic physical activity counselling. <i>Contemporary Clinical Trials</i> , <b>2020</b> , 91, 105994	2.3	3
23	Pulmonary atresia with intact ventricular septum coexisting with coarctation of the aorta. <i>Pediatric Cardiology</i> , <b>2007</b> , 28, 406-8	2.1	3
22	The Canadian Pediatric Cardiology Research Network: A Model National Data-Sharing Organization to Facilitate the Study of Pediatric Heart Diseases. <i>CJC Open</i> , <b>2021</b> , 3, 510-515	2	3
21	Advances in Managing Transition to Adulthood for Adolescents With Congenital Heart Disease: A Practical Approach to Transition Program Design: A Scientific Statement From the American Heart Association.. <i>Journal of the American Heart Association</i> , <b>2022</b> , e025278	6	3
20	Predicting Post-Fontan Length of Stay: The Limits of Measured Variables. <i>Pediatric Cardiology</i> , <b>2019</b> , 40, 1208-1216	2.1	2
19	Healthcare system inputs and patient-reported outcomes: a study in adults with congenital heart defect from 15 countries. <i>BMC Health Services Research</i> , <b>2020</b> , 20, 496	2.9	2
18	Identifying a retrospective cohort of adolescents with chronic health conditions from a paediatric hospital prior to transfer to adult care: the Calgary Transition Cohort. <i>BMJ Open</i> , <b>2019</b> , 9, e027045	3	2
17	Phenotypes of adults with congenital heart disease around the globe: a cluster analysis. <i>Health and Quality of Life Outcomes</i> , <b>2021</b> , 19, 53	3	2
16	Paucity of renal follow-up by school age after neonatal cardiac surgery. <i>Cardiology in the Young</i> , <b>2020</b> , 30, 822-828	1	1
15	Cardiovascular Risk and Cardiovascular Health Behaviours in the Transition From Childhood to Adulthood. <i>Canadian Journal of Cardiology</i> , <b>2020</b> , 36, 1448-1457	3.8	1
14	Innominate vein vascular ring provides novel insight into systemic venous embryogenesis. <i>Cardiology in the Young</i> , <b>2012</b> , 22, 469-71	1	1
13	Mechanisms of Late Systemic Right Ventricular Failure <b>2009</b> , 95-100		1
12	Transfer and Transition in Congenital Heart Disease <b>2014</b> , 2633-2649		1
11	Cardiac rehabilitation in the paediatric Fontan population: development of a home-based high-intensity interval training programme. <i>Cardiology in the Young</i> , <b>2020</b> , 30, 1409-1416	1	1
10	Comparison Between Currently Recommended Long-Term Medical Management of Coronary Artery Aneurysms After Kawasaki Disease and Actual Reported Management in the Last Two Decades. <i>Pediatric Cardiology</i> , <b>2021</b> , 42, 676-684	2.1	1
9	A Typology of Transition Readiness for Adolescents with Congenital Heart Disease in Preparation for Transfer from Pediatric to Adult Care. <i>Journal of Pediatric Nursing</i> , <b>2021</b> , 60, 267-274	2.2	1

8	Unique Challenges of Randomised Controlled Trials in Pediatric Cardiology. <i>Canadian Journal of Cardiology</i> , <b>2021</b> , 37, 1394-1403	3.8	1
7	Heart Failure and Patient-Reported Outcomes in Adults With Congenital Heart Disease from 15 Countries.. <i>Journal of the American Heart Association</i> , <b>2022</b> , e024993	6	1
6	Pediatric Lipid Screening and Treatment in Canada: Practices, Attitudes, and Barriers. <i>Canadian Journal of Cardiology</i> , <b>2020</b> , 36, 1545-1549	3.8	0
5	Birth Prevalence of Congenital Heart Disease. <i>Epidemiology</i> , <b>2010</b> , 21, 277	3.1	0
4	Echocardiographic Screening for Postoperative Pericardial Effusion in Children. <i>Pediatric Cardiology</i> , <b>2021</b> , 42, 1531-1538	2.1	0
3	Alternative to Body Surface Area as a Solution to Correct Systematic Bias in Pediatric Echocardiography z Scores. <i>Canadian Journal of Cardiology</i> , <b>2021</b> , 37, 1790-1797	3.8	0
2	Best Practices in Transitional Care. <i>Congenital Heart Disease in Adolescents and Adults</i> , <b>2016</b> , 145-161		0
1	Angiotensin-converting enzyme inhibition and pre-superior cavopulmonary connection haemodynamics in infants with single-ventricle physiology. <i>Cardiology in the Young</i> , <b>2021</b> , 31, 1434-1438 <sup>1</sup>		