

Samuel Siu

List of Publications by Citations

Source: <https://exaly.com/author-pdf/2923894/samuel-siu-publications-by-citations.pdf>

Version: 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

128
papers

13,974
citations

63
h-index

118
g-index

133
ext. papers

16,181
ext. citations

6.3
avg, IF

6.02
L-index

#	Paper	IF	Citations
128	Risk factors for arrhythmia and sudden cardiac death late after repair of tetralogy of Fallot: a multicentre study. <i>Lancet, The</i> , 2000 , 356, 975-81	40	1269
127	Prospective multicenter study of pregnancy outcomes in women with heart disease. <i>Circulation</i> , 2001 , 104, 515-21	16.7	984
126	Guidelines for performing a comprehensive transesophageal echocardiographic examination: recommendations from the American Society of Echocardiography and the Society of Cardiovascular Anesthesiologists. <i>Journal of the American Society of Echocardiography</i> , 2013 , 26, 921-64	5.8	646
125	Bicuspid aortic valve disease. <i>Journal of the American College of Cardiology</i> , 2010 , 55, 2789-800	15.1	618
124	Pulmonary valve replacement in adults late after repair of tetralogy of fallot: are we operating too late?. <i>Journal of the American College of Cardiology</i> , 2000 , 36, 1670-5	15.1	422
123	Outcomes in adults with bicuspid aortic valves. <i>JAMA - Journal of the American Medical Association</i> , 2008 , 300, 1317-25	27.4	394
122	Mode of death in adults with congenital heart disease. <i>American Journal of Cardiology</i> , 2000 , 86, 1111-6	3	393
121	Atrial arrhythmia after surgical closure of atrial septal defects in adults. <i>New England Journal of Medicine</i> , 1999 , 340, 839-46	59.2	379
120	Heart failure and ventricular dysfunction in patients with single or systemic right ventricles. <i>Circulation</i> , 2002 , 105, 1189-94	16.7	362
119	Left ventricular dysfunction is a risk factor for sudden cardiac death in adults late after repair of tetralogy of Fallot. <i>Journal of the American College of Cardiology</i> , 2002 , 40, 1675-80	15.1	336
118	Aortic dilatation in patients with bicuspid aortic valve. <i>New England Journal of Medicine</i> , 2014 , 370, 1920-9	59.2	304
117	Adverse neonatal and cardiac outcomes are more common in pregnant women with cardiac disease. <i>Circulation</i> , 2002 , 105, 2179-84	16.7	243
116	Incidence and prognostic implication of unrecognized myocardial scar characterized by cardiac magnetic resonance in diabetic patients without clinical evidence of myocardial infarction. <i>Circulation</i> , 2008 , 118, 1011-20	16.7	229
115	Clinical and echocardiographic determinants of long-term survival after surgical myectomy in obstructive hypertrophic cardiomyopathy. <i>Circulation</i> , 2005 , 111, 2033-41	16.7	225
114	Sustained ventricular tachycardia in adult patients late after repair of tetralogy of Fallot. <i>Journal of the American College of Cardiology</i> , 1997 , 30, 1368-73	15.1	224
113	Progressive aortic root dilatation in adults late after repair of tetralogy of Fallot. <i>Circulation</i> , 2002 , 106, 1374-8	16.7	223
112	Pregnancy Outcomes in Women With Heart Disease: The CARPREG II Study. <i>Journal of the American College of Cardiology</i> , 2018 , 71, 2419-2430	15.1	202

111	Arrhythmia and survival in patients >18 years of age after the mustard procedure for complete transposition of the great arteries. <i>American Journal of Cardiology</i> , 1999 , 83, 1080-4	3	190
110	Aerobic capacity in adults with various congenital heart diseases. <i>American Journal of Cardiology</i> , 2001 , 87, 310-4	3	165
109	Recurrence rates of arrhythmias during pregnancy in women with previous tachyarrhythmia and impact on fetal and neonatal outcomes. <i>American Journal of Cardiology</i> , 2006 , 97, 1206-12	3	159
108	Cardiac risk in pregnant women with rheumatic mitral stenosis. <i>American Journal of Cardiology</i> , 2003 , 91, 1382-5	3	153
107	Early and intermediate-term outcomes of pregnancy with congenital aortic stenosis. <i>American Journal of Cardiology</i> , 2003 , 91, 1386-9	3	152
106	Guidelines for performing a comprehensive transesophageal echocardiographic examination: recommendations from the American Society of Echocardiography and the Society of Cardiovascular Anesthesiologists. <i>Anesthesia and Analgesia</i> , 2014 , 118, 21-68	3.9	147
105	Task force 2: special health care needs of adults with congenital heart disease. <i>Journal of the American College of Cardiology</i> , 2001 , 37, 1176-83	15.1	146
104	Mitral regurgitation in hypertrophic obstructive cardiomyopathy: relationship to obstruction and relief with myectomy. <i>Journal of the American College of Cardiology</i> , 2000 , 36, 2219-25	15.1	141
103	Outcomes of late atrial tachyarrhythmias in adults after the Fontan operation. <i>Journal of the American College of Cardiology</i> , 2001 , 37, 585-92	15.1	139
102	A new integrated system for three-dimensional echocardiographic reconstruction: development and validation for ventricular volume with application in human subjects. <i>Journal of the American College of Cardiology</i> , 1993 , 21, 743-53	15.1	136
101	Canadian Cardiovascular Society position statement on the management of thoracic aortic disease. <i>Canadian Journal of Cardiology</i> , 2014 , 30, 577-89	3.8	135
100	B-type natriuretic peptide in pregnant women with heart disease. <i>Journal of the American College of Cardiology</i> , 2010 , 56, 1247-53	15.1	135
99	Three-dimensional echocardiography. In vivo validation for left ventricular volume and function. <i>Circulation</i> , 1993 , 88, 1715-23	16.7	134
98	Portopulmonary hypertension in decompensated cirrhosis with refractory ascites. <i>Gut</i> , 2003 , 52, 1355-62	9.2	131
97	Three-dimensional echocardiography. In vivo validation for right ventricular volume and function. <i>Circulation</i> , 1994 , 89, 2342-50	16.7	129
96	Cardiac outcomes after pregnancy in women with congenital heart disease. <i>Heart</i> , 2010 , 96, 1656-61	5.1	127
95	Ventricular arrhythmias and sudden death in adults after a Mustard operation for transposition of the great arteries. <i>European Heart Journal</i> , 2009 , 30, 1873-9	9.5	127
94	Right ventricular form and function after percutaneous atrial septal defect device closure. <i>Journal of the American College of Cardiology</i> , 2001 , 37, 2108-13	15.1	125

93	Sustained atrial arrhythmias in adults late after repair of tetralogy of fallot. <i>American Journal of Cardiology</i> , 2001 , 87, 584-8	3	113
92	Pregnancy outcomes in women with dilated cardiomyopathy. <i>Journal of the American College of Cardiology</i> , 2009 , 55, 45-52	15.1	111
91	Assessment of systemic right ventricular function in patients with transposition of the great arteries using the myocardial performance index: comparison with cardiac magnetic resonance imaging. <i>Circulation</i> , 2004 , 110, 3229-33	16.7	111
90	The American Association for Thoracic Surgery consensus guidelines on bicuspid aortic valve-related aortopathy: Full online-only version. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018 , 156, e41-e74	1.5	109
89	Improvements in cardiac form and function after transcatheter closure of secundum atrial septal defects. <i>Journal of the American College of Cardiology</i> , 2005 , 45, 499-504	15.1	107
88	The 2010 Canadian Cardiovascular Society guidelines for the diagnosis and management of heart failure update: Heart failure in ethnic minority populations, heart failure and pregnancy, disease management, and quality improvement/assurance programs. <i>Canadian Journal of Cardiology</i> , 2010 , 26, 185-202	3.8	105
87	Intracardiac echocardiography guided device closure of atrial septal defects. <i>Journal of the American College of Cardiology</i> , 2003 , 41, 285-92	15.1	104
86	Retrospective study to identify predictors of the presence and rapid progression of aortic dilatation in patients with bicuspid aortic valves. <i>Nature Clinical Practice Cardiovascular Medicine</i> , 2008 , 5, 821-8		102
85	The impact of pulmonary valve replacement after tetralogy of Fallot repair: a matched comparison. <i>European Journal of Cardio-thoracic Surgery</i> , 2007 , 32, 462-8	3	101
84	Angiotensin-converting enzyme inhibitors in adults after the Mustard procedure. <i>American Journal of Cardiology</i> , 2001 , 87, 660-3, A11	3	100
83	Cardiopulmonary function in adult patients late after Fontan repair. <i>Journal of the American College of Cardiology</i> , 1995 , 26, 1016-21	15.1	99
82	Use of low molecular weight heparin in pregnant women with mechanical heart valves. <i>American Journal of Cardiology</i> , 2009 , 104, 1259-63	3	98
81	Outcomes and alternative techniques for device closure of the large secundum atrial septal defect. <i>Catheterization and Cardiovascular Interventions</i> , 2004 , 61, 131-9	2.7	98
80	Pregnancy outcomes in women with transposition of the great arteries and arterial switch operation. <i>American Journal of Cardiology</i> , 2010 , 106, 417-20	3	96
79	Intraoperative transesophageal echocardiography accurately predicts mitral valve anatomy and suitability for repair. <i>Journal of the American Society of Echocardiography</i> , 2002 , 15, 950-7	5.8	95
78	Pregnancy and contraception in congenital heart disease: what women are not told. <i>Journal of the American College of Cardiology</i> , 2008 , 52, 577-8	15.1	91
77	Endothelial function, carotid-femoral stiffness, and plasma matrix metalloproteinase-2 in men with bicuspid aortic valve and dilated aorta. <i>Journal of the American College of Cardiology</i> , 2010 , 55, 660-8	15.1	90
76	Pressure half-time predicts hemodynamically significant pulmonary regurgitation in adult patients with repaired tetralogy of fallot. <i>Journal of the American Society of Echocardiography</i> , 2003 , 16, 1057-62	5.8	87

75	Adverse left ventricular mechanics in adults with repaired tetralogy of Fallot. <i>American Journal of Cardiology</i> , 2009 , 103, 420-5	3	85
74	High treatment-related mortality in cardiac amyloid patients undergoing autologous stem cell transplant. <i>Bone Marrow Transplantation</i> , 1999 , 24, 853-5	4.4	81
73	Right and left ventricular systolic function late after repair of tetralogy of Fallot. <i>American Journal of Cardiology</i> , 2000 , 86, 1352-7	3	78
72	Outcomes in patients with pulmonary hypertension undergoing percutaneous atrial septal defect closure. <i>Heart</i> , 2008 , 94, 1189-93	5.1	77
71	Feasibility and accuracy of left ventricular volumes and ejection fraction determination by fundamental, tissue harmonic, and intravenous contrast imaging in difficult-to-image patients. <i>Journal of the American Society of Echocardiography</i> , 2000 , 13, 216-24	5.8	75
70	Late cardiac outcomes after pregnancy in women with congenital aortic stenosis. <i>American Heart Journal</i> , 2009 , 157, 474-80	4.9	71
69	Outpatient clinics for adults with congenital heart disease: increasing workload and evolving patterns of referral. <i>Heart</i> , 1999 , 81, 57-61	5.1	70
68	Long-term outcomes of cardiac pacing in adults with congenital heart disease. <i>Journal of the American College of Cardiology</i> , 2004 , 43, 1894-901	15.1	67
67	Mitral annular disjunction in advanced myxomatous mitral valve disease: echocardiographic detection and surgical correction. <i>Journal of the American Society of Echocardiography</i> , 2005 , 18, 1014-22	5.8	66
66	Benefit of late coronary reperfusion on ventricular morphology and function after myocardial infarction. <i>Journal of the American College of Cardiology</i> , 1993 , 21, 683-91	15.1	66
65	Estimates of life expectancy by adolescents and young adults with congenital heart disease. <i>Journal of the American College of Cardiology</i> , 2006 , 48, 349-55	15.1	62
64	Symptomatic atrial arrhythmias and transcatheter closure of atrial septal defects in adult patients. <i>Heart</i> , 2004 , 90, 1194-8	5.1	62
63	Sexual behavior and reproductive concerns among adolescents and young adults with congenital heart disease. <i>International Journal of Cardiology</i> , 2008 , 125, 332-8	3.2	60
62	Adrenal insufficiency from bilateral adrenal hemorrhage. <i>Mayo Clinic Proceedings</i> , 1990 , 65, 664-70	6.4	60
61	Three-dimensional echocardiography improves noninvasive assessment of left ventricular volume and performance. <i>American Heart Journal</i> , 1995 , 130, 812-22	4.9	53
60	Predictors of atrial arrhythmias after device closure of secundum type atrial septal defects in adults. <i>American Journal of Cardiology</i> , 2008 , 101, 683-7	3	52
59	Comparison of echocardiographic and cardiac magnetic resonance imaging for assessing right ventricular function in adults with repaired tetralogy of fallot. <i>American Journal of Cardiology</i> , 2007 , 99, 1593-7	3	52
58	Quantification of tricuspid regurgitation by means of the proximal flow convergence method: a clinical study. <i>American Heart Journal</i> , 1994 , 127, 1354-62	4.9	49

57	Choosing the best contraceptive method for the adult with congenital heart disease. <i>Current Cardiology Reports</i> , 2009 , 11, 298-305	4.2	48
56	Three-dimensional reconstruction of ventricular septal defects: validation studies and in vivo feasibility. <i>Journal of the American College of Cardiology</i> , 1994 , 23, 201-8	15.1	47
55	The effects of regurgitant orifice size, chamber compliance, and systemic vascular resistance on aortic regurgitant velocity slope and pressure half-time. <i>American Heart Journal</i> , 1991 , 122, 1049-56	4.9	47
54	The American Association for Thoracic Surgery consensus guidelines on bicuspid aortic valve-related aortopathy: Executive summary. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018 , 156, 473-480	1.5	42
53	Pulmonary valve replacement in repaired tetralogy of Fallot: determinants of early postoperative adverse outcomes. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2009 , 138, 553-9	1.5	39
52	Intra-aortic balloon counterpulsation support in the high-risk cardiac patient undergoing urgent noncardiac surgery. <i>Chest</i> , 1991 , 99, 1342-5	5.3	35
51	Incremental value of parametric quantitative assessment of myocardial perfusion by triggered Low-Power myocardial contrast echocardiography. <i>Journal of the American College of Cardiology</i> , 2004 , 43, 1807-13	15.1	32
50	The assessment of technical and interpretative proficiency in echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2006 , 19, 924-31	5.8	30
49	Aortic dissection complicating pregnancy following prophylactic aortic root replacement in a woman with Marfan syndrome. <i>International Journal of Cardiology</i> , 2007 , 120, 427-30	3.2	29
48	Coronary artery disease in the octogenarian: angiographic spectrum and suitability for revascularization. <i>American Journal of Cardiology</i> , 1990 , 66, 1319-23	3	29
47	A bedside clinical prediction rule for detecting moderate or severe aortic stenosis. <i>Journal of General Internal Medicine</i> , 1998 , 13, 699-704	4	27
46	Effect of pregnancy on left ventricular motion (twist) in women with aortic stenosis. <i>American Journal of Cardiology</i> , 2008 , 101, 870-3	3	27
45	Exercise capacity and biventricular function in adult patients with repaired tetralogy of Fallot. <i>American Heart Journal</i> , 2008 , 156, 100-5	4.9	27
44	Preventing Complications in Pregnant Women With Cardiac Disease. <i>Journal of the American College of Cardiology</i> , 2020 , 75, 1443-1452	15.1	26
43	Pregnancy risks in women with pre-existing coronary artery disease, or following acute coronary syndrome. <i>Heart</i> , 2015 , 101, 525-9	5.1	26
42	Anesthetic management of a consecutive cohort of women with heart disease for labor and delivery. <i>International Journal of Obstetric Anesthesia</i> , 2010 , 19, 266-72	2.1	26
41	Percutaneous catheter closure of the persistently patent ductus arteriosus in the adult. <i>American Journal of Cardiology</i> , 1996 , 77, 1094-7	3	25
40	Maternal Cardiac Output and Fetal Doppler Predict Adverse Neonatal Outcomes in Pregnant Women With Heart Disease. <i>Journal of the American Heart Association</i> , 2015 , 4,	6	24

39	Clinical and echocardiographic diagnoses disagree in patients with unexplained hemodynamic instability after cardiac surgery. <i>Canadian Journal of Anaesthesia</i> , 2001 , 48, 778-83	3	22
38	Economic impact of contrast stress echocardiography on the diagnosis and initial treatment of patients with suspected coronary artery disease. <i>Journal of the American Society of Echocardiography</i> , 2002 , 15, 1335-45	5.8	22
37	Myocardial perfusion during warm antegrade and retrograde cardioplegia: a contrast echo study. <i>Annals of Thoracic Surgery</i> , 1999 , 68, 955-61	2.7	22
36	Comparative efficacy of nifedipine gastrointestinal therapeutic system versus diltiazem when added to beta blockers in stable angina pectoris. <i>American Journal of Cardiology</i> , 1993 , 71, 887-92	3	22
35	Cardiovascular magnetic resonance imaging predictors of pregnancy outcomes in women with coarctation of the aorta. <i>European Heart Journal Cardiovascular Imaging</i> , 2014 , 15, 299-306	4.1	21
34	Left ventricular aneurysm in a patient with mucopolysaccharidosis type VI (Maroteaux-Lamy syndrome): clinical and pathological correlation. <i>Cardiovascular Pathology</i> , 2007 , 16, 237-40	3.8	17
33	Valvular heart disease in pregnancy. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2014 , 28, 507-18	4.6	16
32	Incremental diagnostic yield of pediatric cardiac assessment after fetal echocardiography in the offspring of women with congenital heart disease: a prospective study. <i>Pediatrics</i> , 2008 , 121, e660-5	7.4	16
31	Brain natriuretic peptide: is it a predictor of cardiomyopathy in cirrhosis?. <i>Clinical Science</i> , 2001 , 101, 621	6.5	16
30	Pregnancy complications in women with heart disease conceiving with fertility therapy. <i>Journal of the American College of Cardiology</i> , 2014 , 64, 1862-4	15.1	15
29	The effect of late patency of the infarct-related coronary artery on left ventricular morphology and regional function after thrombolysis. <i>American Heart Journal</i> , 1992 , 124, 265-72	4.9	15
28	Cardiovascular problems and pregnancy: an approach to management. <i>Cleveland Clinic Journal of Medicine</i> , 2004 , 71, 977-85	2.8	14
27	Determination of left ventricular ejection fraction using intravenous contrast and a semiautomated border detection algorithm. <i>Journal of the American Society of Echocardiography</i> , 2003 , 16, 22-8	5.8	13
26	Outcome of previous tricuspid valve operation and arrhythmias in adult patients with congenital heart disease. <i>Annals of Thoracic Surgery</i> , 1999 , 68, 2158-63	2.7	10
25	Papillary fibroelastoma of the interatrial septum: a case report. <i>Journal of Cardiac Surgery</i> , 2004 , 19, 349-53	5.3	9
24	Contrast-enhanced quantitation of left ventricular ejection fraction: what is the best method?. <i>Journal of the American Society of Echocardiography</i> , 2001 , 14, 1183-90	5.8	9
23	International consensus statement on nomenclature and classification of the congenital bicuspid aortic valve and its aortopathy, for clinical, surgical, interventional and research purposes. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 , 162, e383-e414	1.5	9
22	Assessing Cardiac Risk in Pregnant Women With Heart Disease: How Risk Scores Are Created and Their Role in Clinical Practice. <i>Canadian Journal of Cardiology</i> , 2020 , 36, 1011-1021	3.8	8

21	Prognostic value of myocardial perfusion contrast echocardiography in patients with suggested or known ischemic heart disease. <i>Journal of the American Society of Echocardiography</i> , 2006 , 19, 1203-10	5.8	8
20	Thrombosis of mechanical mitral valve prosthesis. <i>Journal of Cardiac Surgery</i> , 2005 , 20, 481-6	1.3	8
19	Transthoracic echocardiography does not improve prediction of outcome over APACHE II in medical-surgical intensive care. <i>Canadian Journal of Anaesthesia</i> , 2003 , 50, 305-10	3	7
18	Development of a Core Outcome Set for Studies on Cardiac Disease in Pregnancy (COSCarP): a study protocol. <i>Trials</i> , 2020 , 21, 300	2.8	7
17	New directives in cardiac imaging: imaging the adult with congenital heart disease. <i>Canadian Journal of Cardiology</i> , 2013 , 29, 830-40	3.8	6
16	A bicuspid pulmonary valve associated with tetralogy of fallot. <i>Journal of Cardiac Surgery</i> , 2006 , 21, 185-7.	1.3	6
15	International consensus statement on nomenclature and classification of the congenital bicuspid aortic valve and its aortopathy, for clinical, surgical, interventional and research purposes. <i>European Journal of Cardio-thoracic Surgery</i> , 2021 , 60, 448-476	3	5
14	Paediatric-onset coronary artery anomalies in pregnancy: a single-centre experience and systematic literature review. <i>Cardiology in the Young</i> , 2017 , 27, 1529-1537	1	4
13	Cardiac magnetic resonance imaging characteristics and pregnancy outcomes in women with Mustard palliation for complete transposition of the great arteries. <i>IJC Heart and Vasculature</i> , 2016 , 10, 54-59	2.4	4
12	Long-Term Cardiovascular Outcomes After Pregnancy in Women With Heart Disease. <i>Journal of the American Heart Association</i> , 2021 , 10, e020584	6	3
11	International Consensus Statement on Nomenclature and Classification of the Congenital Bicuspid Aortic Valve and Its Aortopathy, for Clinical, Surgical, Interventional and Research Purposes. <i>Annals of Thoracic Surgery</i> , 2021 , 112, e203-e235	2.7	3
10	Pregnancy in Women With Repaired Truncus Arteriosus: A Case Series. <i>Canadian Journal of Cardiology</i> , 2017 , 33, 1737.e1-1737.e3	3.8	2
9	Absence of Q waves after thrombolysis predicts more rapid improvement of regional left ventricular dysfunction. <i>American Heart Journal</i> , 1996 , 131, 649-54	4.9	2
8	International Consensus Statement on Nomenclature and Classification of the Congenital Bicuspid Aortic Valve and Its Aortopathy, for Clinical, Surgical, Interventional and Research Purposes. <i>Radiology: Cardiothoracic Imaging</i> , 2021 , 3, e200496	8.3	2
7	Attained pregnancy among women with a prosthetic heart valve. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2019 , 240, 172-177	2.4	1
6	Morbidity in Pregnant Women with a Prosthetic Heart Valve. <i>American Journal of Obstetrics & Gynecology MFM</i> , 2020 , 2, 100105	7.4	1
5	Summary: international consensus statement on nomenclature and classification of the congenital bicuspid aortic valve and its aortopathy, for clinical, surgical, interventional and research purposes. <i>European Journal of Cardio-thoracic Surgery</i> , 2021 , 60, 481-496	3	1
4	Summary: International consensus statement on nomenclature and classification of the congenital bicuspid aortic valve and its aortopathy, for clinical, surgical, interventional, and research purposes. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 , 162, 781-797	1.5	0

- 3 Summary: International Consensus Statement on Nomenclature and Classification of the Congenital Bicuspid Aortic Valve and Its Aortopathy, for Clinical, Surgical, Interventional and Research Purposes. *Annals of Thoracic Surgery*, **2021**, 112, 1005-1022 2.7 0
- 2 MARFAN SYNDROME AND PREGNANCY: CLINICAL IMPLICATIONS AND MANAGEMENT. *Fetal and Maternal Medicine Review*, **2010**, 21, 225-241
- 1 Cardiac Complications in Pregnant Women With Isolated Mitral Stenosis and Their Association With Echocardiographic Changes During Pregnancy. *American Journal of Cardiology*, **2021**, 158, 81-89 3