Samuel Siu

List of Publications by Year in Descending Order

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Version: 2024-04-20

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

128	13,974	63	118
papers	citations	h-index	g-index
133	16,181 ext. citations	6.3	6.02
ext. papers		avg, IF	L-index

#	Paper	IF	Citations
128	Long-Term Cardiovascular Outcomes After Pregnancy in Women With Heart Disease. <i>Journal of the American Heart Association</i> , 2021 , 10, e020584	6	3
127	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
126	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
125	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
124	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
123	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
122	Summary: International consensus statement on nomenclature and classification of the congenital bicuspid aortic valve and its aortopathy, for clinical, surgical, interventional, and research purposes. Journal of Thoracic and Cardiovascular Surgery, 2021, 162, 781-797	1.5	0
121	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>Annals of Thoracic Surgery</i> , 2021 , 112, 1005-1022	2.7	0
120	Cardiac Complications in Pregnant Women With Isolated Mitral Stenosis and Their Association With Echocardiographic Changes During Pregnancy. <i>American Journal of Cardiology</i> , 2021 , 158, 81-89	3	
119	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
118	Preventing Complications in Pregnant Women With Cardiac Disease. <i>Journal of the American College of Cardiology</i> , 2020 , 75, 1443-1452	15.1	26
117	Morbidity in Pregnant Women with a Prosthetic Heart Valve. <i>American Journal of Obstetrics & Cynecology MFM</i> , 2020 , 2, 100105	7.4	1
116	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
115	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
114	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
113	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
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	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
110	Pregnancy in Women With Repaired Truncus Arteriosus: AlCase Series. <i>Canadian Journal of Cardiology</i> , 2017 , 33, 1737.e1-1737.e3	3.8	2
109	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
108	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
107	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
106	Aortic dilatation in patients with bicuspid aortic valve. New England Journal of Medicine, 2014, 370, 1920	0 5 9).2	304
105	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
104	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
103	Valvular heart disease in pregnancy. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2014 , 28, 507-18	4.6	16
102	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
101	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
100	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
99	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
98	MARFAN SYNDROME AND PREGNANCY: CLINICAL IMPLICATIONS AND MANAGEMENT. Fetal and Maternal Medicine Review, 2010 , 21, 225-241		
97	Cardiac outcomes after pregnancy in women with congenital heart disease. <i>Heart</i> , 2010 , 96, 1656-61	5.1	127
96	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
95	Bicuspid aortic valve disease. Journal of the American College of Cardiology, 2010, 55, 2789-800	15.1	618
94	B-type natriuretic peptide in pregnant women with heart disease. <i>Journal of the American College</i> of Cardiology, 2010 , 56, 1247-53	15.1	135

93	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
92	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 ,	3.8	105
91	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
90	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
89	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
88	Adverse left ventricular mechanics in adults with repaired tetralogy of Fallot. <i>American Journal of Cardiology</i> , 2009 , 103, 420-5	3	85
87	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
86	Choosing the best contraceptive method for the adult with congenital heart disease. <i>Current Cardiology Reports</i> , 2009 , 11, 298-305	4.2	48
85	Late cardiac outcomes after pregnancy in women with congenital aortic stenosis. <i>American Heart Journal</i> , 2009 , 157, 474-80	4.9	71
84	Pregnancy outcomes in women with dilated cardiomyopathy. <i>Journal of the American College of Cardiology</i> , 2009 , 55, 45-52	15.1	111
83	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
82	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
81	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
80	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
79	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
78	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
77	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
76	Outcomes in patients with pulmonary hypertension undergoing percutaneous atrial septal defect closure. <i>Heart</i> , 2008 , 94, 1189-93	5.1	77

75	Outcomes in adults with bicuspid aortic valves. <i>JAMA - Journal of the American Medical Association</i> , 2008 , 300, 1317-25	27.4	394
74	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
73	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
72	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
71	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
70	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
69	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
68	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
67	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
66	Estimates of life expectancy by adolescents and young adults with congenital heart disease. Journal of the American College of Cardiology, 2006 , 48, 349-55	15.1	62
65	A bicuspid pulmonary valve associated with tetralogy of fallot. <i>Journal of Cardiac Surgery</i> , 2006 , 21, 185	-7 .3	6
64	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
63	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, 1014-2	2 ^{5.8}	66
62	Thrombosis of mechanical mitral valve prosthesis. <i>Journal of Cardiac Surgery</i> , 2005 , 20, 481-6	1.3	8
61	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
60	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
59	Symptomatic atrial arrhythmias and transcatheter closure of atrial septal defects in adult patients. Heart, 2004 , 90, 1194-8	5.1	62
58	Papillary fibroelastoma of the interatrial septum: a case report. <i>Journal of Cardiac Surgery</i> , 2004 , 19, 349	9153	9

57	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
56	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
55	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
54	Cardiovascular problems and pregnancy: an approach to management. <i>Cleveland Clinic Journal of Medicine</i> , 2004 , 71, 977-85	2.8	14
53	Portopulmonary hypertension in decompensated cirrhosis with refractory ascites. <i>Gut</i> , 2003 , 52, 1355-6	5 2 19.2	131
52	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
51	Cardiac risk in pregnant women with rheumatic mitral stenosis. <i>American Journal of Cardiology</i> , 2003 , 91, 1382-5	3	153
50	Early and intermediate-term outcomes of pregnancy with congenital aortic stenosis. <i>American Journal of Cardiology</i> , 2003 , 91, 1386-9	3	152
49	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
48	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
47	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
46	Progressive aortic root dilatation in adults late after repair of tetralogy of Fallot. <i>Circulation</i> , 2002 , 106, 1374-8	16.7	223
45	Adverse neonatal and cardiac outcomes are more common in pregnant women with cardiac disease. <i>Circulation</i> , 2002 , 105, 2179-84	16.7	243
44	Heart failure and ventricular dysfunction in patients with single or systemic right ventricles. <i>Circulation</i> , 2002 , 105, 1189-94	16.7	362
43	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
42	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
41	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
40	Brain natriuretic peptide: is it a predictor of cardiomyopathy in cirrhosis?. <i>Clinical Science</i> , 2001 , 101, 621	6.5	16

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	Aerobic capacity in adults with various congenital heart diseases. <i>American Journal of Cardiology</i> , 2001 , 87, 310-4	3	165
37	Sustained atrial arrhythmias in adults late after repair of tetralogy of fallot. <i>American Journal of Cardiology</i> , 2001 , 87, 584-8	3	113
36	Angiotensin-converting enzyme inhibitors in adults after the Mustard procedure. <i>American Journal of Cardiology</i> , 2001 , 87, 660-3, A11	3	100
35	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
34	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
33	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
32	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
31	Prospective multicenter study of pregnancy outcomes in women with heart disease. <i>Circulation</i> , 2001 , 104, 515-21	16.7	984
30	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
29	Mode of death in adults with congenital heart disease. American Journal of Cardiology, 2000 , 86, 1111-6	5 3	393
28	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
27	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
26	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
25	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
24	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
23	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
22	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

21	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
20	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
19	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
18	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
17	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
16	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
15	Percutaneous catheter closure of the persistently patent ductus arteriosus in the adult. <i>American Journal of Cardiology</i> , 1996 , 77, 1094-7	3	25
14	Three-dimensional echocardiography improves noninvasive assessment of left ventricular volume and performance. <i>American Heart Journal</i> , 1995 , 130, 812-22	4.9	53
13	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
12	Three-dimensional echocardiography. In vivo validation for right ventricular volume and function. <i>Circulation</i> , 1994 , 89, 2342-50	16.7	129
11	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
10	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
9	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
8	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
7	Three-dimensional echocardiography. In vivo validation for left ventricular volume and function. <i>Circulation</i> , 1993 , 88, 1715-23	16.7	134
6	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
5	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
4	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

LIST OF PUBLICATIONS

3	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
2	Coronary artery disease in the octogenarian: angiographic spectrum and suitability for revascularization. <i>American Journal of Cardiology</i> , 1990 , 66, 1319-23	3	29
1	Adrenal insufficiency from bilateral adrenal hemorrhage. <i>Mayo Clinic Proceedings</i> , 1990 , 65, 664-70	6.4	60