

# Ming-Sing Si

## List of Publications by Year in descending order

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86  
papers

1,670  
citations

516561

16  
h-index

289141

40  
g-index

86  
all docs

86  
docs citations

86  
times ranked

1969  
citing authors

#	ARTICLE	IF	CITATIONS
1	Commentary: Danger of fluoroquinolones in Marfan syndrome. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 163, e228-e229.	0.4	0
2	Autologous Cardiac Stem Cell Injection in Patients with Hypoplastic Left Heart Syndrome (CHILD) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.6	6
3	Early Outcomes of Patients Undergoing Neoaortic Valve Repair Incorporating Geometric Ring Annuloplasty. <i>World Journal for Pediatric &amp; Congenital Heart Surgery</i> , 2022, 13, 304-309.	0.3	6
4	Early results of geometric ring annuloplasty for bicuspid aortic valve repair during aortic aneurysm surgery. <i>JTCVS Techniques</i> , 2022, 14, 55-65.	0.2	9
5	Aortic Valve Repair Using Geometric Ring Annuloplasty. <i>Operative Techniques in Thoracic and Cardiovascular Surgery</i> , 2021, 26, 173-188.	0.2	18
6	Commentary: On aortic uncrossing: New variation on an old controversy. <i>JTCVS Techniques</i> , 2021, 5, 97-98.	0.2	0
7	Right heart failure considerations in pediatric ventricular assist devices. <i>Pediatric Transplantation</i> , 2021, 25, e13990.	0.5	4
8	Berlin Heart EXCOR and ACTION post-approval surveillance study report. <i>Journal of Heart and Lung Transplantation</i> , 2021, 40, 251-259.	0.3	40
9	Risk factors for heart transplant survival with greater than 5% of donor heart ischemic time. <i>Journal of Cardiac Surgery</i> , 2021, 36, 2677-2684.	0.3	5
10	The Interdisciplinary Stem Cell Institute's Use of Food and Drug Administration-Expanded Access Guidelines to Provide Experimental Cell Therapy to Patients With Rare Serious Diseases. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 675738.	1.8	1
11	Ex Vivo Heart Perfusion for Pediatric Transplant Patients: A New Path Toward Expanding the Donor Pool for Kids?. <i>Annals of Thoracic Surgery</i> , 2021, 112, 1281.	0.7	1
12	Cost-effectiveness of implantable ventricular assist devices in older children with stable, inotrope-dependent dilated cardiomyopathy. <i>Pediatric Transplantation</i> , 2021, 25, e13975.	0.5	1
13	Evaluation of Explanted CorMatrix Tyke Extracardiac Patches in Infants With Congenital Heart Disease. <i>Annals of Thoracic Surgery</i> , 2021, 112, 1518-1522.	0.7	5
14	Commentary: Using microRNAs as biomarkers in pediatric cardiac surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 159, 1541-1542.	0.4	1
15	Commentary: Why use the Y-graft?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 159, 662-664.	0.4	1
16	Commentary: U-CIRP-ing the neurological effects of deep hypothermic circulatory arrest. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 159, 2449-2450.	0.4	1
17	Commentary: Promise of personalized tissue-engineered vascular grafts for congenital heart surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 159, 1984-1985.	0.4	0
18	Commentary: Aortic aneurysms are not created equal. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 160, e261-e262.	0.4	0

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19	Older patients with anomalous origin of the pulmonary artery from the ascending aorta: Guidance via lung biopsy. <i>Journal of Cardiac Surgery</i> , 2020, 35, 437-440.	0.3	1
20	Commentary: Vascularization and perfusion of engineered tissues. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 159, 2008-2009.	0.4	0
21	Commentary: Modified frozen elephant trunk. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, , .	0.4	1
22	Relationship of Ventricular Morphology and Atrioventricular Valve Function to Long-Term Outcomes Following Fontan Procedures. <i>Journal of the American College of Cardiology</i> , 2020, 76, 419-431.	1.2	39
23	Stereoscopic Three-Dimensional Visualization for Congenital Heart Surgery Planning: Surgeons' Perspectives. <i>Journal of the American Society of Echocardiography</i> , 2020, 33, 775-777.	1.2	10
24	Heart Transplantation for <i>TANGO2</i>-Related Metabolic Encephalopathy and Arrhythmia Syndrome—Associated Cardiomyopathy. <i>Circulation Genomic and Precision Medicine</i> , 2020, 13, e002928.	1.6	9
25	Commentary: Full-service salvage operation. <i>JTCVS Techniques</i> , 2020, 2, 126-127.	0.2	0
26	Intraoperative Coronary Artery Imaging for Planning. <i>Pediatric Cardiac Surgery Annual</i> , 2020, 23, 11-16.	0.5	6
27	Tissue-specific angiogenic and invasive properties of human neonatal thymus and bone MSCs: Role of SLIT3-ROBO1. <i>Stem Cells Translational Medicine</i> , 2020, 9, 1102-1113.	1.6	5
28	Commentary: Finding the best pulmonary bioprosthetic valve: An unobtainable target?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 160, 487-488.	0.4	0
29	Early experience with the HeartMate 3 continuous-flow ventricular assist device in pediatric patients and patients with congenital heart disease: A multicenter registry analysis. <i>Journal of Heart and Lung Transplantation</i> , 2020, 39, 573-579.	0.3	83
30	SLIT3 deficiency attenuates pressure overload—induced cardiac fibrosis and remodeling. <i>JCI Insight</i> , 2020, 5, .	2.3	13
31	Commentary: Novel repair technique for scimitar syndrome. <i>JTCVS Techniques</i> , 2020, 4, 217-218.	0.2	0
32	Commentary: Staged cone repair for Ebstein anomaly. <i>JTCVS Techniques</i> , 2020, 3, 288-289.	0.2	0
33	Surgical treatment of Loey's-Dietz syndrome in a 3-year-old: case report and review of literature. <i>Translational Pediatrics</i> , 2020, 9, 695-701.	0.5	0
34	Rotational thromboelastometry and aortic surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, 1058.	0.4	1
35	Aortic valve repair for tri-leaflet aortic insufficiency associated with asymmetric aortic root aneurysms. <i>Annals of Cardiothoracic Surgery</i> , 2019, 8, 426-429.	0.6	14
36	Commentary: Valve-sparing approach to the hypoplastic pulmonary valve in tetralogy of Fallot repair. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 158, e57-e58.	0.4	0

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37	Commentary: Polymer prosthetic heart valves—A new era. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, 1817-1818.	0.4	1
38	Human Neonatal Thymus Mesenchymal Stem/Stromal Cells and Chronic Right Ventricle Pressure Overload. <i>Bioengineering</i> , 2019, 6, 15.	1.6	7
39	Commentary: Vascular conduits modified by gene therapy. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, 2254-2255.	0.4	0
40	Improving left ventricular assist devices: Engineer to decrease the shear. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, 602.	0.4	0
41	Engineering Parts for Children With Congenital Heart Disease: Promises and Challenges. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2018, 30, 180-181.	0.4	0
42	Temporary external flow mechanical circulatory support: Going with the flow?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 156, 166-167.	0.4	0
43	Mechanical Circulatory Support for the Failing Fontan: Conversion to Assisted Single Ventricle Circulation—Preliminary Observations. <i>World Journal for Pediatric &amp; Congenital Heart Surgery</i> , 2018, 9, 31-37.	0.3	6
44	Delirium postcardiac surgery: Intellectual insufficiency and insufficiently understood. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 155, 276-277.	0.4	0
45	Open melody implant in a vascular graft—An alternative to the bioprosthetic valve?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 155, 742-743.	0.4	2
46	Innovation in pediatric cardiac care. <i>Translational Pediatrics</i> , 2018, 7, 82-82.	0.5	1
47	Recent innovations in perfusion and cardiopulmonary bypass for neonatal and infant cardiac surgery. <i>Translational Pediatrics</i> , 2018, 7, 139-150.	0.5	24
48	Human Neonatal Thymus Mesenchymal Stem Cells Promote Neovascularization and Cardiac Regeneration. <i>Stem Cells International</i> , 2018, 2018, 1-7.	1.2	13
49	Resource use in neonatal cardiac surgery: Lacking details. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 155, 2615-2616.	0.4	1
50	Overcoming bumps to build little pumps. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 156, 1652-1653.	0.4	0
51	Expanded polytetrafluoroethylene right ventricle to pulmonary artery conduit: Time to adopt?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 156, 1637-1638.	0.4	4
52	Passing on pediatric donors hearts: Picky or prudent?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 154, 537-538.	0.4	0
53	Principles of venovenous extracorporeal membrane oxygenation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 153, e53-e54.	0.4	0
54	MicroRNA-30a—lysyl oxidase axis in aortic dissection pathogenesis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 154, 1870-1871.	0.4	2

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55	Stem cell therapy for the systemic right ventricle. Expert Review of Cardiovascular Therapy, 2017, 15, 813-823.	0.6	15
56	The potential of pedicled pericardium. Journal of Thoracic and Cardiovascular Surgery, 2017, 153, e15-e16.	0.4	1
57	Mechanical circulatory support for the failing functional single ventricle. Translational Pediatrics, 2017, 5, 59-61.	0.5	2
58	Mesenchymal Stem/Stromal Cells from Discarded Neonatal Sternal Tissue: In Vitro Characterization and Angiogenic Properties. Stem Cells International, 2016, 2016, 1-10.	1.2	9
59	How I Teach the Norwood Procedure. Annals of Thoracic Surgery, 2016, 101, 2045-2048.	0.7	5
60	Defining ductal tissue. Journal of Thoracic and Cardiovascular Surgery, 2016, 152, 1457-1458.	0.4	0
61	Regenerative Medicine Strategies for Hypoplastic Left Heart Syndrome. Tissue Engineering - Part B: Reviews, 2016, 22, 459-469.	2.5	13
62	Salvaging patients with extracorporeal life support resuscitation. Journal of Thoracic and Cardiovascular Surgery, 2016, 152, 1140-1141.	0.4	0
63	Curbing chyle leaks. Journal of Thoracic and Cardiovascular Surgery, 2016, 152, e57-e58.	0.4	0
64	Evaluation of Explanted CorMatrix Intracardiac Patches in Children With Congenital Heart Disease. Annals of Thoracic Surgery, 2016, 102, 1329-1335.	0.7	43
65	Use of the total artificial heart as a bridge to transplant in a 13-year-old with congenitally corrected transposition of the great arteries. Journal of Thoracic and Cardiovascular Surgery, 2016, 151, e71-e73.	0.4	7
66	Giant aortic aneurysm in a child with Takayasu arteritis. Cardiology in the Young, 2016, 26, 593-595.	0.4	5
67	“Near death” thromboembolic episode following device closure of atrial septal defect. Interactive Cardiovascular and Thoracic Surgery, 2016, 23, 340-341.	0.5	2
68	Coning down on the effects of an left ventricular assist device engineering enhancement. Journal of Thoracic and Cardiovascular Surgery, 2016, 151, 217-218.	0.4	0
69	Berlin heart ventricular assist device as a long-term bridge to transplantation in a Fontan patient with failing single ventricle. Pediatric Transplantation, 2015, 19, E193-5.	0.5	36
70	Characterization and Angiogenic Potential of Human Neonatal and Infant Thymus Mesenchymal Stromal Cells. Stem Cells Translational Medicine, 2015, 4, 339-350.	1.6	10
71	Left Ventricular Retraining: Theory and Practice. Pediatric Cardiac Surgery Annual, 2015, 18, 40-42.	0.5	10
72	Effects of Scaffold Material Used in Cardiovascular Surgery on Mesenchymal Stem Cells and Cardiac Progenitor Cells. Annals of Thoracic Surgery, 2015, 99, 605-611.	0.7	17

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73	A simple model for myocardial changes in a failing heart. <i>International Journal of Non-Linear Mechanics</i> , 2015, 68, 132-145.	1.4	7
74	Generation of Human Cardiomyocytes for Cardiac Regenerative Therapies: Differentiation and Direct Reprogramming. <i>Current Pharmaceutical Design</i> , 2014, 20, 2012-2022.	0.9	0
75	Shunt choice in single right ventricle patients: an update. <i>Expert Review of Cardiovascular Therapy</i> , 2013, 11, 1691-1700.	0.6	5
76	Modified Hemi-Fontan Procedure. <i>Operative Techniques in Thoracic and Cardiovascular Surgery</i> , 2013, 18, 117-123.	0.2	5
77	Short-term experience of porcine small intestinal submucosa patches in paediatric cardiovascular surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2013, 44, 72-76.	0.6	67
78	Human Thymus Mesenchymal Stromal Cells Augment Force Production in Self-Organized Cardiac Tissue. <i>Annals of Thoracic Surgery</i> , 2010, 90, 796-804.	0.7	14
79	Analysis of Cervical Esophagogastric Anastomotic Leaks After Transhiatal Esophagectomy: Risk Factors, Presentation, and Detection. <i>Annals of Thoracic Surgery</i> , 2009, 88, 177-185.	0.7	94
80	Janus kinase 3 inhibition with CP-690,550 prevents allograft vasculopathy. <i>Transplant International</i> , 2006, 19, 1014-1021.	0.8	39
81	Immunosuppression by the JAK3 Inhibitor CP-690,550 Delays Rejection and Significantly Prolongs Kidney Allograft Survival in Nonhuman Primates. <i>Transplantation</i> , 2005, 79, 791-801.	0.5	99
82	Effects of JAK3 Inhibition with CP-690,550 on Immune Cell Populations and Their Functions in Nonhuman Primate Recipients of Kidney Allografts. <i>Transplantation</i> , 2005, 80, 1283-1292.	0.5	81
83	Prevention of Organ Allograft Rejection by a Specific Janus Kinase 3 Inhibitor. <i>Science</i> , 2003, 302, 875-878.	6.0	630
84	Prevalence of metastases in hepatocellular carcinoma: risk factors and impact on survival. <i>American Surgeon</i> , 2003, 69, 879-85.	0.4	72
85	Prevention of chronic rejection by pravastatin in a rat kidney transplant model.. <i>Transplantation</i> , 2002, 74, 821-827.	0.5	21
86	Perillyl Alcohol Inhibits TCR-Mediated [Ca <sup>2+</sup> ] <sub>i</sub> Signaling, Alters Cell Shape and Motility, and Induces Apoptosis in T Lymphocytes. <i>Cellular Immunology</i> , 2000, 201, 6-13.	1.4	19