

Ming-Sing Si

List of Publications by Year in descending order

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Version: 2024-02-01

86
papers

1,670
citations

516710

16
h-index

289244

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. | 0.8 | 0 |
| 2 | Autologous Cardiac Stem Cell Injection in Patients with Hypoplastic Left Heart Syndrome (CHILD) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 | 1.3 | 6 |
| 3 | Early Outcomes of Patients Undergoing Neoaortic Valve Repair Incorporating Geometric Ring Annuloplasty. <i>World Journal for Pediatric & Congenital Heart Surgery</i> , 2022, 13, 304-309. | 0.8 | 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. | 0.4 | 9 |
| 5 | Aortic Valve Repair Using Geometric Ring Annuloplasty. <i>Operative Techniques in Thoracic and Cardiovascular Surgery</i> , 2021, 26, 173-188. | 0.3 | 18 |
| 6 | Commentary: On aortic uncrossing: New variation on an old controversy. <i>JTCVS Techniques</i> , 2021, 5, 97-98. | 0.4 | 0 |
| 7 | Right heart failure considerations in pediatric ventricular assist devices. <i>Pediatric Transplantation</i> , 2021, 25, e13990. | 1.0 | 4 |
| 8 | Berlin Heart EXCOR and ACTION post-approval surveillance study report. <i>Journal of Heart and Lung Transplantation</i> , 2021, 40, 251-259. | 0.6 | 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. | 0.7 | 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. | 3.7 | 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. | 1.3 | 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. | 1.0 | 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. | 1.3 | 5 |
| 14 | Commentary: Using microRNAs as biomarkers in pediatric cardiac surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 159, 1541-1542. | 0.8 | 1 |
| 15 | Commentary: Why use the Y-graft?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 159, 662-664. | 0.8 | 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. | 0.8 | 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. | 0.8 | 0 |
| 18 | Commentary: Aortic aneurysms are not created equal. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 160, e261-e262. | 0.8 | 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. | 0.7 | 1 |
| 20 | Commentary: Vascularization and perfusion of engineered tissues. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 159, 2008-2009. | 0.8 | 0 |
| 21 | Commentary: Modified frozen elephant trunk. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, , . | 0.8 | 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. | 2.8 | 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. | 2.8 | 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. | 3.6 | 9 |
| 25 | Commentary: Full-service salvage operation. <i>JTCVS Techniques</i> , 2020, 2, 126-127. | 0.4 | 0 |
| 26 | Intraoperative Coronary Artery Imaging for Planning. <i>Pediatric Cardiac Surgery Annual</i> , 2020, 23, 11-16. | 1.2 | 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. | 3.3 | 5 |
| 28 | Commentary: Finding the best pulmonary bioprosthetic valve: An unobtainable target?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 160, 487-488. | 0.8 | 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. | 0.6 | 83 |
| 30 | SLIT3 deficiency attenuates pressure overload—induced cardiac fibrosis and remodeling. <i>JCI Insight</i> , 2020, 5, . | 5.0 | 13 |
| 31 | Commentary: Novel repair technique for scimitar syndrome. <i>JTCVS Techniques</i> , 2020, 4, 217-218. | 0.4 | 0 |
| 32 | Commentary: Staged cone repair for Ebstein anomaly. <i>JTCVS Techniques</i> , 2020, 3, 288-289. | 0.4 | 0 |
| 33 | Surgical treatment of Loays-Dietz syndrome in a 3-year-old: case report and review of literature. <i>Translational Pediatrics</i> , 2020, 9, 695-701. | 1.2 | 0 |
| 34 | Rotational thromboelastometry and aortic surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, 1058. | 0.8 | 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. | 1.7 | 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. | 0.8 | 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. | 0.8 | 1 |
| 38 | Human Neonatal Thymus Mesenchymal Stem/Stromal Cells and Chronic Right Ventricle Pressure Overload. <i>Bioengineering</i> , 2019, 6, 15. | 3.5 | 7 |
| 39 | Commentary: Vascular conduits modified by gene therapy. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, 2254-2255. | 0.8 | 0 |
| 40 | Improving left ventricular assist devices: Engineer to decrease the shear. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, 602. | 0.8 | 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. | 0.6 | 0 |
| 42 | Temporary external flow mechanical circulatory support: Going with the flow?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 156, 166-167. | 0.8 | 0 |
| 43 | Mechanical Circulatory Support for the Failing Fontan: Conversion to Assisted Single Ventricle Circulation—Preliminary Observations. <i>World Journal for Pediatric & Congenital Heart Surgery</i> , 2018, 9, 31-37. | 0.8 | 6 |
| 44 | Delirium postcardiac surgery: Intellectual insufficiency and insufficiently understood. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 155, 276-277. | 0.8 | 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. | 0.8 | 2 |
| 46 | Innovation in pediatric cardiac care. <i>Translational Pediatrics</i> , 2018, 7, 82-82. | 1.2 | 1 |
| 47 | Recent innovations in perfusion and cardiopulmonary bypass for neonatal and infant cardiac surgery. <i>Translational Pediatrics</i> , 2018, 7, 139-150. | 1.2 | 24 |
| 48 | Human Neonatal Thymus Mesenchymal Stem Cells Promote Neovascularization and Cardiac Regeneration. <i>Stem Cells International</i> , 2018, 2018, 1-7. | 2.5 | 13 |
| 49 | Resource use in neonatal cardiac surgery: Lacking details. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 155, 2615-2616. | 0.8 | 1 |
| 50 | Overcoming bumps to build little pumps. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 156, 1652-1653. | 0.8 | 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. | 0.8 | 4 |
| 52 | Passing on pediatric donors hearts: Picky or prudent?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 154, 537-538. | 0.8 | 0 |
| 53 | Principles of venovenous extracorporeal membrane oxygenation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 153, e53-e54. | 0.8 | 0 |
| 54 | MicroRNA-30a—lysyl oxidase axis in aortic dissection pathogenesis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 154, 1870-1871. | 0.8 | 2 |

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|----|---|-----|-----------|
| 55 | Stem cell therapy for the systemic right ventricle. Expert Review of Cardiovascular Therapy, 2017, 15, 813-823. | 1.5 | 15 |
| 56 | The potential of pedicled pericardium. Journal of Thoracic and Cardiovascular Surgery, 2017, 153, e15-e16. | 0.8 | 1 |
| 57 | Mechanical circulatory support for the failing functional single ventricle. Translational Pediatrics, 2017, 5, 59-61. | 1.2 | 2 |
| 58 | Mesenchymal Stem/Stromal Cells from Discarded Neonatal Sternal Tissue: In Vitro Characterization and Angiogenic Properties. Stem Cells International, 2016, 2016, 1-10. | 2.5 | 9 |
| 59 | How I Teach the Norwood Procedure. Annals of Thoracic Surgery, 2016, 101, 2045-2048. | 1.3 | 5 |
| 60 | Defining ductal tissue. Journal of Thoracic and Cardiovascular Surgery, 2016, 152, 1457-1458. | 0.8 | 0 |
| 61 | Regenerative Medicine Strategies for Hypoplastic Left Heart Syndrome. Tissue Engineering - Part B: Reviews, 2016, 22, 459-469. | 4.8 | 13 |
| 62 | Salvaging patients with extracorporeal life support resuscitation. Journal of Thoracic and Cardiovascular Surgery, 2016, 152, 1140-1141. | 0.8 | 0 |
| 63 | Curbing chyle leaks. Journal of Thoracic and Cardiovascular Surgery, 2016, 152, e57-e58. | 0.8 | 0 |
| 64 | Evaluation of Explanted CorMatrix Intracardiac Patches in Children With Congenital Heart Disease. Annals of Thoracic Surgery, 2016, 102, 1329-1335. | 1.3 | 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. | 0.8 | 7 |
| 66 | Giant aortic aneurysm in a child with Takayasu arteritis. Cardiology in the Young, 2016, 26, 593-595. | 0.8 | 5 |
| 67 | “Near death” thromboembolic episode following device closure of atrial septal defect. Interactive Cardiovascular and Thoracic Surgery, 2016, 23, 340-341. | 1.1 | 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. | 0.8 | 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. | 1.0 | 36 |
| 70 | Characterization and Angiogenic Potential of Human Neonatal and Infant Thymus Mesenchymal Stromal Cells. Stem Cells Translational Medicine, 2015, 4, 339-350. | 3.3 | 10 |
| 71 | Left Ventricular Retraining: Theory and Practice. Pediatric Cardiac Surgery Annual, 2015, 18, 40-42. | 1.2 | 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. | 1.3 | 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. | 2.6 | 7 |
| 74 | Generation of Human Cardiomyocytes for Cardiac Regenerative Therapies: Differentiation and Direct Reprogramming. <i>Current Pharmaceutical Design</i> , 2014, 20, 2012-2022. | 1.9 | 0 |
| 75 | Shunt choice in single right ventricle patients: an update. <i>Expert Review of Cardiovascular Therapy</i> , 2013, 11, 1691-1700. | 1.5 | 5 |
| 76 | Modified Hemi-Fontan Procedure. <i>Operative Techniques in Thoracic and Cardiovascular Surgery</i> , 2013, 18, 117-123. | 0.3 | 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. | 1.4 | 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. | 1.3 | 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. | 1.3 | 94 |
| 80 | Janus kinase 3 inhibition with CP-690,550 prevents allograft vasculopathy. <i>Transplant International</i> , 2006, 19, 1014-1021. | 1.6 | 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. | 1.0 | 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. | 1.0 | 81 |
| 83 | Prevention of Organ Allograft Rejection by a Specific Janus Kinase 3 Inhibitor. <i>Science</i> , 2003, 302, 875-878. | 12.6 | 630 |
| 84 | Prevalence of metastases in hepatocellular carcinoma: risk factors and impact on survival. <i>American Surgeon</i> , 2003, 69, 879-85. | 0.8 | 72 |
| 85 | Prevention of chronic rejection by pravastatin in a rat kidney transplant model.. <i>Transplantation</i> , 2002, 74, 821-827. | 1.0 | 21 |
| 86 | Perillyl Alcohol Inhibits TCR-Mediated [Ca ²⁺] _i Signaling, Alters Cell Shape and Motility, and Induces Apoptosis in T Lymphocytes. <i>Cellular Immunology</i> , 2000, 201, 6-13. | 3.0 | 19 |