

# Joseph E Bavaria

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1026638/publications.pdf>

Version: 2024-02-01

149  
papers

18,261  
citations

81434

41  
h-index

14386

132  
g-index

150  
all docs

150  
docs citations

150  
times ranked

10538  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Transcatheter Aortic-Valve Implantation for Aortic Stenosis in Patients Who Cannot Undergo Surgery. <i>New England Journal of Medicine</i> , 2010, 363, 1597-1607.  | 13.9 | 6,189     |
| 2  | Transcatheter versus Surgical Aortic-Valve Replacement in High-Risk Patients. <i>New England Journal of Medicine</i> , 2011, 364, 2187-2198.  | 13.9 | 5,447     |
| 3  | STS-ACC TVT Registry of Transcatheter Aortic Valve Replacement. <i>Journal of the American College of Cardiology</i> , 2020, 76, 2492-2516.   | 1.2  | 511       |
| 4  | 2016 Annual Report of The Society of Thoracic Surgeons/American College of Cardiology Transcatheter Valve Therapy Registry. <i>Journal of the American College of Cardiology</i> , 2017, 69, 1215-1230.   | 1.2  | 429       |
| 5  | Society for Vascular Surgery (SVS) and Society of Thoracic Surgeons (STS) reporting standards for type B aortic dissections. <i>Journal of Vascular Surgery</i> , 2020, 71, 723-747.  | 0.6  | 303       |
| 6  | Contemporary Real-World Outcomes of Surgical Aortic Valve Replacement in 141,905 Low-Risk, Intermediate-Risk, and High-Risk Patients. <i>Annals of Thoracic Surgery</i> , 2015, 99, 55-61.  | 0.7  | 253       |
| 7  | How Does the Ascending Aorta Geometry Change When It Dissects?. <i>Journal of the American College of Cardiology</i> , 2014, 63, 1311-1319.   | 1.2  | 201       |
| 8  | Conscious Sedation Versus General Anesthesia for Transcatheter Aortic Valve Replacement. <i>Circulation</i> , 2017, 136, 2132-2140.   | 1.6  | 184       |
| 9  | Advances in the treatment of acute type a dissection: an integrated approach. <i>Annals of Thoracic Surgery</i> , 2002, 74, S1848-S1852.  | 0.7  | 182       |
| 10 | Stroke After Aortic Valve Surgery. <i>Circulation</i> , 2014, 129, 2253-2261.   | 1.6  | 181       |
| 11 | The St Jude Medical Trifecta aortic pericardial valve: Results from a global, multicenter, prospective clinical study. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 147, 590-597.  | 0.4  | 138       |
| 12 | Branched Endovascular Therapy of the Distal Aortic Arch: Preliminary Results of the Feasibility Multicenter Trial of the Gore Thoracic Branch Endoprosthesis. <i>Annals of Thoracic Surgery</i> , 2016, 102, 1190-1198.                               | 0.7  | 124       |
| 13 | 2018 AATS/ACC/SCAI/STS Expert Consensus Systems of Care Document: Operator and Institutional Recommendations and Requirements for Transcatheter Aortic Valve Replacement. <i>Journal of the American College of Cardiology</i> , 2019, 73, 340-374.   | 1.2  | 106       |
| 14 | Society for Vascular Surgery (SVS) and Society of Thoracic Surgeons (STS) Reporting Standards for Type B Aortic Dissections. <i>Annals of Thoracic Surgery</i> , 2020, 109, 959-981.  | 0.7  | 97        |
| 15 | Factors associated with acute stroke after type A aortic dissection repair: An analysis of the Society of Thoracic Surgeons National Adult Cardiac Surgery Database. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 159, 2143-2154.e3. | 0.4  | 93        |
| 16 | STS-ACC TVT Registry of Transcatheter Aortic Valve Replacement. <i>Annals of Thoracic Surgery</i> , 2021, 111, 701-722.   | 0.7  | 91        |
| 17 | Long-Term Results of Neomedica Sinus Valsalva Repair in 489 Patients With Type A Aortic Dissection. <i>Annals of Thoracic Surgery</i> , 2014, 98, 582-589.  | 0.7  | 89        |
| 18 | 2019 AATS/ACC/ASE/SCAI/STS Expert Consensus Systems of Care Document: A Proposal to Optimize Care for Patients With Valvular Heart Disease. <i>Journal of the American College of Cardiology</i> , 2019, 73, 2609-2635.                               | 1.2  | 89        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Long-term results of aggressive hemiarch replacement in 534 patients with type A aortic dissection. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 148, 2981-2985.   | 0.4 | 87        |
| 20 | Surgical treatment of bicuspid aortic valve disease: Knowledge gaps and research perspectives. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 147, 1749-1757.e1.   | 0.4 | 86        |
| 21 | Modeling of predissection aortic size in acute type A dissection: More than 90% fail to meet the guidelines for elective ascending replacement. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 148, 944-948.e1.                  | 0.4 | 86        |
| 22 | Midterm, multicenter clinical and hemodynamic results for the Trifecta aortic pericardial valve. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 153, 561-569.e2.   | 0.4 | 85        |
| 23 | Comprehensive Analysis of Mortality Among Patients Undergoing TAVR. <i>Journal of the American College of Cardiology</i> , 2014, 64, 158-168.   | 1.2 | 80        |
| 24 | Impact of timing on major complications after thoracic endovascular aortic repair for acute type B aortic dissection. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015, 149, S151-S156.   | 0.4 | 77        |
| 25 | Fatal Hyperammonemia after Orthotopic Lung Transplantation. <i>Annals of Internal Medicine</i> , 2000, 132, 283.  | 2.0 | 76        |
| 26 | Association of Renin-Angiotensin Inhibitor Treatment With Mortality and Heart Failure Readmission in Patients With Transcatheter Aortic Valve Replacement. <i>JAMA - Journal of the American Medical Association</i> , 2018, 320, 2231.         | 3.8 | 72        |
| 27 | Outcomes of Thoracic Endovascular Aortic Repair in Acute Type B Aortic Dissection: Results From the Valiant United States Investigational Device Exemption Study. <i>Annals of Thoracic Surgery</i> , 2015, 100, 802-809.                       | 0.7 | 69        |
| 28 | The COMMENCE trial: 2-year outcomes with an aortic bioprosthesis with RESILIA tissue. <i>European Journal of Cardio-thoracic Surgery</i> , 2017, 52, 432-439.   | 0.6 | 67        |
| 29 | Moderate Versus Deep Hypothermic Circulatory Arrest for Elective Aortic Transverse Hemiarch Reconstruction. <i>Annals of Thoracic Surgery</i> , 2015, 99, 1511-1517.  | 0.7 | 64        |
| 30 | Endovascular repair of the ascending aorta in patients at high risk for open repair. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015, 149, S144-S150.  | 0.4 | 64        |
| 31 | Stratification of Outcomes After Transcatheter Aortic Valve Replacement According to Surgical Inoperability for Technical Versus Clinical Reasons. <i>Journal of the American College of Cardiology</i> , 2014, 63, 901-911.                    | 1.2 | 62        |
| 32 | Use of computational fluid dynamics studies in predicting aneurysmal degeneration of acute type B aortic dissections. <i>Journal of Vascular Surgery</i> , 2015, 62, 279-284.   | 0.6 | 62        |
| 33 | Evaluation of Flow After Transcatheter Aortic Valve Replacement in Patients With Low-Flow Aortic Stenosis. <i>JAMA Cardiology</i> , 2016, 1, 584.   | 3.0 | 59        |
| 34 | The Impact of Deep Versus Moderate Hypothermia on Postoperative Kidney Function After Elective Aortic Hemiarch Repair. <i>Annals of Thoracic Surgery</i> , 2016, 102, 1313-1321.  | 0.7 | 58        |
| 35 | Antegrade thoracic stent grafting during repair of acute DeBakey type I dissection promotes distal aortic remodeling and reduces late open distal reoperation rate. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 147, 942-950. | 0.4 | 57        |
| 36 | Outcome after aortic, axillary, or femoral cannulation for acute type A aortic dissection. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 158, 27-34.e9.   | 0.4 | 57        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 37 | The Society of Thoracic Surgeons/American Association for Thoracic Surgery Clinical Practice Guidelines on the Management of Type B Aortic Dissection. <i>Annals of Thoracic Surgery</i> , 2022, 113, 1073-1092.  | 0.7 | 55        |
| 38 | Operative techniques in patients with type A dissection complicated by cerebral malperfusion. <i>European Journal of Cardio-thoracic Surgery</i> , 2014, 46, 156-166.   | 0.6 | 50        |
| 39 | Development and Application of a Risk Prediction Model for In-Hospital Stroke After Transcatheter Aortic Valve Replacement: A Report From The Society of Thoracic Surgeons/American College of Cardiology Transcatheter Valve Therapy Registry. <i>Annals of Thoracic Surgery</i> , 2019, 107, 1097-1103. | 0.7 | 49        |
| 40 | Risk Aversion and Public Reporting. Part 1: Observations From Cardiac Surgery and Interventional Cardiology. <i>Annals of Thoracic Surgery</i> , 2017, 104, 2093-2101.  | 0.7 | 46        |
| 41 | Central Repair With Antegrade TEVAR for Malperfusion Syndromes in Acute DeBakey I Aortic Dissection. <i>Annals of Thoracic Surgery</i> , 2017, 103, 748-755.  | 0.7 | 44        |
| 42 | State-of-the art bicuspid aortic valve repair in 2020. <i>Progress in Cardiovascular Diseases</i> , 2020, 63, 457-464.  | 1.6 | 44        |
| 43 | Five-year Outcomes of the COMMENCE Trial Investigating Aortic Valve Replacement With RESILIA Tissue. <i>Annals of Thoracic Surgery</i> , 2023, 115, 1429-1436.  | 0.7 | 44        |
| 44 | The Society of Thoracic Surgeons/American Association for Thoracic Surgery clinical practice guidelines on the management of type B aortic dissection. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 163, 1231-1249.  | 0.4 | 43        |
| 45 | Routine use of hemiarch during acute type A aortic dissection repair. <i>Annals of Cardiothoracic Surgery</i> , 2016, 5, 245-247.   | 0.6 | 41        |
| 46 | Hemoadsorption to Reduce Plasma-Free Hemoglobin During Cardiac Surgery: Results of REFRESH I Pilot Study. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2019, 31, 783-793.   | 0.4 | 41        |
| 47 | How I Teach a Valve-Sparing Root Replacement. <i>Annals of Thoracic Surgery</i> , 2016, 101, 422-425.   | 0.7 | 39        |
| 48 | Integrin expression in non-small cell carcinoma of the lung. <i>Cancer and Metastasis Reviews</i> , 1995, 14, 229-239.  | 2.7 | 38        |
| 49 | 2016 Annual Report of The Society of Thoracic Surgeons/American College of Cardiology Transcatheter Valve Therapy Registry. <i>Annals of Thoracic Surgery</i> , 2017, 103, 1021-1035.   | 0.7 | 38        |
| 50 | Cost and contribution margin of transcatheter versus surgical aortic valve replacement. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 154, 1872-1880.e1.  | 0.4 | 38        |
| 51 | Management of Patients With Coronary Artery Malperfusion Secondary to Type A Aortic Dissection. <i>Annals of Thoracic Surgery</i> , 2019, 107, 1174-1180.   | 0.7 | 38        |
| 52 | Outcomes of Surgery for Chronic Type A Aortic Dissection. <i>Annals of Thoracic Surgery</i> , 2015, 99, 88-93.  | 0.7 | 37        |
| 53 | Association of Tricuspid Regurgitation With Transcatheter Aortic Valve Replacement Outcomes: A Report From The Society of Thoracic Surgeons/American College of Cardiology Transcatheter Valve Therapy Registry. <i>Annals of Thoracic Surgery</i> , 2018, 105, 1121-1128.                                | 0.7 | 37        |
| 54 | Results of type II hybrid arch repair with zone 0 stent graft deployment for complex aortic arch pathology. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 148, 2951-2955.   | 0.4 | 36        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 55 | Outcomes of Aortic Root Replacement After Previous Aortic Root Replacement: The "Redo Root. Annals of Thoracic Surgery, 2015, 99, 1601-1609.   | 0.7 | 36        |
| 56 | Aortic Regurgitation in Acute Type-A Aortic Dissection: A Clinical Classification for the Perioperative Echocardiographer in the Era of the Functional Aortic Annulus. Journal of Cardiothoracic and Vascular Anesthesia, 2018, 32, 586-597.                       | 0.6 | 36        |
| 57 | The Society of Thoracic Surgeons National Database 2016 Annual Report. Annals of Thoracic Surgery, 2016, 102, 1790-1797.   | 0.7 | 35        |
| 58 | Fate of remnant sinuses of Valsalva in patients with bicuspid and trileaflet valves undergoing aortic valve, ascending aorta, and aortic arch replacement. Journal of Thoracic and Cardiovascular Surgery, 2017, 154, 421-432.                                     | 0.4 | 35        |
| 59 | The train has left: Can surgeons still get a ticket to treat structural heart disease?. Journal of Thoracic and Cardiovascular Surgery, 2019, 157, 2369-2376.e2.   | 0.4 | 35        |
| 60 | Root Stabilization of the Repaired Bicuspid Aortic Valve: Subcommissural Annuloplasty Versus Root Reimplantation. Annals of Thoracic Surgery, 2014, 97, 1227-1234.   | 0.7 | 34        |
| 61 | Simplifying aortic arch surgery: open zone 2 arch with single branched thoracic endovascular aortic repair completion. Annals of Cardiothoracic Surgery, 2018, 7, 351-356.   | 0.6 | 33        |
| 62 | Anatomic feasibility of an endovascular valve-carrying conduit for the treatment of type A aortic dissection. Journal of Thoracic and Cardiovascular Surgery, 2019, 157, 26-34.e1.   | 0.4 | 32        |
| 63 | Valve Selection in End-Stage Renal Disease: Should It Always Be Biological?. Annals of Thoracic Surgery, 2016, 102, 1531-1535.   | 0.7 | 31        |
| 64 | The role of extracorporeal membrane oxygenator therapy in the setting of Type A aortic dissection. Journal of Cardiac Surgery, 2017, 32, 822-825.  | 0.3 | 31        |
| 65 | Predicting Distal Aortic Remodeling After Endovascular Repair for Chronic DeBakey III Aortic Dissection. Annals of Thoracic Surgery, 2018, 105, 1691-1696.   | 0.7 | 31        |
| 66 | Acute aortic dissections with entry tear in the arch: A report from the International Registry of Acute Aortic Dissection. Journal of Thoracic and Cardiovascular Surgery, 2019, 157, 66-73.   | 0.4 | 30        |
| 67 | Evaluation of the Gore TAG thoracic branch endoprosthesis in the treatment of proximal descending thoracic aortic aneurysms. Journal of Vascular Surgery, 2021, 74, 1483-1490.e2.  | 0.6 | 30        |
| 68 | Bicuspid Aortic Insufficiency With Aortic Root Aneurysm: Root Reimplantation Versus Bentall Root Replacement. Annals of Thoracic Surgery, 2016, 102, 1221-1228.  | 0.7 | 29        |
| 69 | Impact of short-term complications of transcatheter aortic valve replacement on longer-term outcomes: results from the STS/ACC Transcatheter Valve Therapy Registry. European Heart Journal Quality of Care & Clinical Outcomes, 2021, 7, 208-213.                 | 1.8 | 29        |
| 70 | Hemiarch replacement with concomitant antegrade stent grafting of the descending thoracic aorta versus total arch replacement for treatment of acute DeBakey I aortic dissection with arch tear. European Journal of Cardio-thoracic Surgery, 2016, 49, 1256-1261. | 0.6 | 28        |
| 71 | Outcomes of Elective Aortic Hemiarch Reconstruction for Aneurysmal Disease in the Elderly. Annals of Thoracic Surgery, 2017, 104, 1522-1530.   | 0.7 | 28        |
| 72 | Risk Aversion and Public Reporting. Part 2: Mitigation Strategies. Annals of Thoracic Surgery, 2017, 104, 2102-2110.   | 0.7 | 28        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 73 | Distal aortic reintervention after surgery for acute DeBakey type I or II aortic dissection: open versus endovascular repair. <i>European Journal of Cardio-thoracic Surgery</i> , 2015, 48, 258-263.   | 0.6 | 27        |
| 74 | Pathway for surgeons and programs to establish and maintain a successful robot-assisted adult cardiac surgery program. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016, 152, 9-13.   | 0.4 | 27        |
| 75 | Socioeconomic and Geographic Characteristics of Hospitals Establishing Transcatheter Aortic Valve Replacement Programs, 2012–2018. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2021, 14, e008260.   | 0.9 | 27        |
| 76 | Heart, lung, and vascular registries: Evolving goals, successful approaches, and ongoing innovation. <i>Journal of Heart and Lung Transplantation</i> , 2016, 35, 1149-1157.  | 0.3 | 26        |
| 77 | Pathogenesis and Risk Factors for Cerebral Infarct After Surgical Aortic Valve Replacement. <i>Stroke</i> , 2016, 47, 2130-2132.  | 1.0 | 26        |
| 78 | Surgeon Involvement in Transcatheter Aortic Valve Replacement in the United States: A 2016 Society of Thoracic Surgeons Survey. <i>Annals of Thoracic Surgery</i> , 2017, 104, 1088-1093.   | 0.7 | 26        |
| 79 | Intermediate-term outcomes of aortic valve replacement using a bioprosthesis with a novel tissue. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 162, 1478-1485.   | 0.4 | 26        |
| 80 | Composite Metric for Benchmarking Site Performance in Transcatheter Aortic Valve Replacement: Results From the STS/ACC TVT Registry. <i>Circulation</i> , 2021, 144, 186-194.   | 1.6 | 26        |
| 81 | Transcatheter aortic valve implantation in patients with ascending aortic dilatation: safety of the procedure and mid-term follow-up. <i>European Journal of Cardio-thoracic Surgery</i> , 2014, 46, 228-233.   | 0.6 | 25        |
| 82 | Cardiopulmonary bypass and intra-aortic balloon pump use is associated with higher short and long term mortality after transcatheter aortic valve replacement: A PARTNER trial substudy. <i>Catheterization and Cardiovascular Interventions</i> , 2015, 86, 316-322. | 0.7 | 24        |
| 83 | Outcomes, readmissions, and costs in transfemoral and alternative access transcatheter aortic valve replacement in the US Medicare population. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 154, 1224-1232.e1.                                       | 0.4 | 24        |
| 84 | Type A Aortic Dissection in Patients With Bicuspid Aortic Valve Aortopathy. <i>Annals of Thoracic Surgery</i> , 2020, 109, 94-100.  | 0.7 | 24        |
| 85 | Type A Aortic Dissection After Previous Cardiac Surgery: Results of an Integrated Surgical Approach. <i>Annals of Thoracic Surgery</i> , 2014, 97, 1582-1589.   | 0.7 | 23        |
| 86 | Suture technique does not affect hemodynamic performance of the small supra-annular Trifecta bioprosthesis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 148, 1347-1351.   | 0.4 | 23        |
| 87 | Validation of semiautomated and locally resolved aortic wall thickness measurements from computed tomography. <i>Journal of Vascular Surgery</i> , 2015, 61, 1034-1040.   | 0.6 | 23        |
| 88 | Cognition and Cerebral Infarction in Older Adults After Surgical Aortic Valve Replacement. <i>Annals of Thoracic Surgery</i> , 2019, 107, 787-794.  | 0.7 | 23        |
| 89 | The effect of postoperative medical treatment on left ventricular mass regression after aortic valve replacement. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015, 149, 781-786.   | 0.4 | 22        |
| 90 | Bicuspid aortic valve repair: systematic review on long-term outcomes. <i>Annals of Cardiothoracic Surgery</i> , 2019, 8, 302-312.  | 0.6 | 22        |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 91  | Preoperative neurological deficit in acute type A aortic dissection. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2020, 30, 613-619.  | 0.5 | 22        |
| 92  | Aortic Valve Morphology Determines the Presentation and Surgical Approach to Acute Type A Aortic Dissection. <i>Annals of Thoracic Surgery</i> , 2014, 97, 1991-1997.   | 0.7 | 21        |
| 93  | Impact of Carotid Artery Involvement in Type A Aortic Dissection. <i>Circulation</i> , 2019, 139, 1977-1978.  | 1.6 | 20        |
| 94  | Influence of Age and the Burden of Ischemic Injury on the Outcome of Type A Aortic Dissection Repair. <i>Annals of Thoracic Surgery</i> , 2019, 108, 1391-1397.   | 0.7 | 19        |
| 95  | Glycation and Serum Albumin Infiltration Contribute to the Structural Degeneration of Bioprosthetic Heart Valves. <i>JACC Basic To Translational Science</i> , 2020, 5, 755-766.  | 1.9 | 19        |
| 96  | Management of arch aneurysms with a single-branch thoracic endograft in zone 0. <i>JTCVS Techniques</i> , 2021, 7, 1-6.   | 0.2 | 18        |
| 97  | The Progression of a Transcatheter Aortic Valve Program: A Decision Analysis of More Than 680 Patient Referrals. <i>Annals of Thoracic Surgery</i> , 2011, 92, 2072-2077.   | 0.7 | 17        |
| 98  | Long-term outcomes of aortic root operations in the United States among Medicare beneficiaries. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2023, 165, 554-565.e6.  | 0.4 | 17        |
| 99  | Five-year outcomes of endovascular repair of complicated acute type B aortic dissections. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 163, 539-548.e2.  | 0.4 | 17        |
| 100 | Pathway for Surgeons and Programs to Establish and Maintain a Successful Robot-Assisted Adult Cardiac Surgery Program. <i>Annals of Thoracic Surgery</i> , 2016, 102, 340-344.  | 0.7 | 16        |
| 101 | Long-term outcome of surgical cryoablation for refractory ventricular tachycardia in patients with non-ischemic cardiomyopathy. <i>Europace</i> , 2018, 20, e30-e41.  | 0.7 | 16        |
| 102 | Thoracic Endovascular Aneurysm Repair Trends and Outcomes in Over 27,000 Medicare Patients for Descending Thoracic Aneurysms. <i>Annals of Thoracic Surgery</i> , 2020, 109, 1757-1764.   | 0.7 | 16        |
| 103 | Association of Volume and Outcomes in 234 556 Patients Undergoing Surgical Aortic Valve Replacement. <i>Annals of Thoracic Surgery</i> , 2022, 114, 1299-1306.  | 0.7 | 16        |
| 104 | Sodium bicarbonate use and the risk of hypernatremia in thoracic aortic surgical patients with metabolic acidosis following deep hypothermic circulatory arrest. <i>Annals of Cardiac Anaesthesia</i> , 2016, 19, 454.                                      | 0.3 | 15        |
| 105 | Outcome After Operation for Aortic Dissection Type A in Morbidly Obese Patients. <i>Annals of Thoracic Surgery</i> , 2018, 106, 491-497.  | 0.7 | 15        |
| 106 | Predictors of Recurrent Aortic Insufficiency in Type I Bicuspid Aortic Valve Repair. <i>Annals of Thoracic Surgery</i> , 2018, 106, 1316-1324.  | 0.7 | 15        |
| 107 | Practice Patterns and Outcomes of Transcatheter Aortic Valve Replacement in the United States and Japan: A Report From Joint Data Harmonization Initiative of STS/ACC TVT and JACTVT. <i>Journal of the American Heart Association</i> , 2022, 11, e023848. | 1.6 | 15        |
| 108 | Midterm outcomes and durability of sinus segment preservation compared with root replacement for acute type A aortic dissection. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 163, 900-910.e2.   | 0.4 | 14        |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 109 | Moderate mitral regurgitation in aortic root replacement surgery: Comparing mitral repair with no mitral repair. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 147, 938-941.  | 0.4 | 13        |
| 110 | Two different geometric orientations for aortic neoroot creation in bicuspid aortic valve repair with root reimplantation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 160, 47-57.  | 0.4 | 13        |
| 111 | Midterm outcomes of emergency surgery for acute type A aortic dissection in octogenarians. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 163, 2-12.e7.  | 0.4 | 13        |
| 112 | Combined Transaortic Transcatheter Valve Replacement and Thoracic Endografting. <i>Annals of Thoracic Surgery</i> , 2014, 97, 696-698.  | 0.7 | 12        |
| 113 | The Role of Thoracic Endovascular Repair in Chronic Type B Aortic Dissection. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2020, 32, 21-24.   | 0.4 | 11        |
| 114 | Selection of prosthetic aortic valve and root replacement in patients younger than age 30 years. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, 714-725.  | 0.4 | 10        |
| 115 | Functional Outcomes of Type I Bicuspid Aortic Valve Repair With Annular Stabilization: Subcommissural Annuloplasty Versus External Subannular Aortic Ring. <i>Annals of Thoracic Surgery</i> , 2019, 107, 68-75.  | 0.7 | 10        |
| 116 | Study Design of the Prospective Non-Randomized Single-Arm Multicenter Evaluation of the Durability of Aortic Bioprosthetic Valves with RESILIA Tissue in Subjects under 65 Years Old (RESILIENCE Trial). <i>Structural Heart</i> , 2020, 4, 46-52.                                    | 0.2 | 10        |
| 117 | Common carotid artery true lumen flow impairment in patients with type A aortic dissection. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 59, 490-496.   | 0.6 | 10        |
| 118 | Severity and Duration of Metabolic Acidosis After Deep Hypothermic Circulatory Arrest for Thoracic Aortic Surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2015, 29, 1432-1440.  | 0.6 | 9         |
| 119 | Bicuspid Aortic Valve Resuspension in Acute Type A Aortic Dissection Patients. <i>Annals of Thoracic Surgery</i> , 2015, 100, 827-832.  | 0.7 | 8         |
| 120 | Impact of acute postoperative limb ischemia after cardiac and thoracic aortic surgery. <i>Journal of Vascular Surgery</i> , 2018, 67, 1530-1536.e2.   | 0.6 | 8         |
| 121 | Facilitating Hemostasis After Proximal Aortic Surgery: Results of The PROTECT Trial. <i>Annals of Thoracic Surgery</i> , 2018, 105, 1357-1364.  | 0.7 | 7         |
| 122 | Innominate artery cannulation: The Toronto technique for antegrade cerebral perfusion in aortic arch reconstruction—a clinical trial opportunity for the International Aortic Arch Surgery Study Group. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 148, 2924-2926. | 0.4 | 6         |
| 123 | Concomitant Endografting of a Type B Aortic Dissection During Transfemoral Aortic Valve Replacement. <i>Annals of Thoracic Surgery</i> , 2017, 103, e223-e224.  | 0.7 | 6         |
| 124 | Thoracic aortic surgery enters the era of big data. <i>European Journal of Cardio-thoracic Surgery</i> , 2017, 52, 499-500.   | 0.6 | 6         |
| 125 | Reframing the Biological Basis of Neuroprotection Using Functional Genomics: Differentially Weighted, Time-Dependent Multifactor Pathogenesis of Human Ischemic Brain Damage. <i>Frontiers in Neurology</i> , 2018, 9, 497.   | 1.1 | 6         |
| 126 | Recurrent aortic insufficiency after emergency surgery for acute type A aortic dissection with aortic root preservation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 161, 1989-2000.e6.   | 0.4 | 6         |



| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 127 | Triage and management of aortic emergencies during the coronavirus disease 2019 (COVID-19) pandemic: A consensus document supported by the American Association for Thoracic Surgery (AATS) and Asian Society for Cardiovascular and Thoracic Surgery (ASCVTS). <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 161, 48-53.   | 0.4 | 4         |
| 128 | Central cannulation strategy for extent I thoracoabdominal aneurysm repair of chronic type B aortic dissection. <i>Journal of Cardiac Surgery</i> , 2017, 32, 494-499.  | 0.3 | 3         |
| 129 | TEVAR Versus Open Surgery in Medicare Patients With Descending Thoracic Aneurysms. <i>Journal of the American College of Cardiology</i> , 2019, 73, 652-653.  | 1.2 | 3         |
| 130 | Repair of type A aortic intramural hematoma with ascending and hemiarch reconstruction using circulatory arrest and retrograde cerebral perfusion. <i>Annals of Cardiothoracic Surgery</i> , 2019, 8, 567-569.  | 0.6 | 3         |
| 131 | Fate of the Preserved Sinuses of Valsalva After Emergency Repair for Acute Type A Aortic Dissection. <i>Annals of Thoracic Surgery</i> , 2020, 110, 1476-1483.  | 0.7 | 3         |
| 132 | Distal repair after frozen elephant trunk: open or endovascular?. <i>Annals of Cardiothoracic Surgery</i> , 2020, 9, 226-227.   | 0.6 | 3         |
| 133 | History and Current Status of Cardiovascular Surgery at the University of Pennsylvania. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2015, 27, 370-373.   | 0.4 | 2         |
| 134 | Double transposition and single branched TEVAR for total arch replacement in chronic dissection. <i>Annals of Cardiothoracic Surgery</i> , 2018, 7, 434-436.  | 0.6 | 2         |
| 135 | Techniques and outcomes of secondary open repair for chronic dissection after acute repair of type A aortic dissection. <i>Journal of Cardiovascular Surgery</i> , 2018, 59, 759-766.   | 0.3 | 2         |
| 136 | Threshold for intervention upon ascending aortic aneurysms: an evolving target and implication of bicuspid aortic valve. <i>Indian Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 35, 96-105.   | 0.2 | 2         |
| 137 | Triage and management of aortic emergencies during the coronavirus disease 2019 (COVID-19) pandemic: A consensus document supported by the American Association for Thoracic Surgery (AATS) and Asian Society for Cardiovascular and Thoracic Surgery (ASCVTS). <i>Asian Cardiovascular and Thoracic Annals</i> , 2020, ., 021849232097450. | 0.2 | 2         |
| 138 | A biological approach to aortic valve disease: durability and survival. <i>Nature Reviews Cardiology</i> , 2020, 17, 754-756.   | 6.1 | 2         |
| 139 | Effect of Aortic Valve Type on Patients Who Undergo Type A Aortic Dissection Repair. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2021, , .   | 0.4 | 2         |
| 140 | The impact of surgeon and hospital procedural volume on outcomes after aortic root replacement in the United States. <i>Journal of Cardiac Surgery</i> , 2021, 36, 2669-2676.   | 0.3 | 2         |
| 141 | Can the bicuspid aortic valve be spared? The con position, with caveats and nuances. <i>Texas Heart Institute Journal</i> , 2013, 40, 544-6.  | 0.1 | 2         |
| 142 | Patients with Atrial Fibrillation Benefit from SAVR with Surgical Ablation Compared to TAVR Alone. <i>Cardiology and Therapy</i> , 2022, 11, 283-296.   | 1.1 | 2         |
| 143 | The impact of local vs general anesthesia in patients undergoing thoracic endovascular aortic surgery. <i>Journal of Vascular Surgery</i> , 2022, 76, 88-95.e1.   | 0.6 | 2         |
| 144 | Reply. <i>Annals of Thoracic Surgery</i> , 2016, 102, 1412-1413.  | 0.7 | 0         |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 145 | Management of the moderately dilated sinus of Valsalva: To cut or not to cut?. Journal of Thoracic and Cardiovascular Surgery, 2018, 155, 526-527.  | 0.4 | 0         |
| 146 | Robert A. Wynbrandtâ€”Executive Director& General Counsel of The Society of Thoracic Surgeons June 1, 2002â€”March 15, 2019. Annals of Thoracic Surgery, 2019, 108, 1-4.                        | 0.7 | 0         |
| 147 | Invited Commentary. Annals of Thoracic Surgery, 2019, 108, 722.   | 0.7 | 0         |
| 148 | Resection of noncoronary sinus segment in a nonaneurysmal root: To do or not to do. Journal of Thoracic and Cardiovascular Surgery, 2019, 157, e321.  | 0.4 | 0         |
| 149 | Letter by Stetson et al Regarding Article, â€œEpisode Payments for Transcatheter and Surgical Aortic Valve Replacementâ€. Circulation: Cardiovascular Quality and Outcomes, 2020, 13, e006493. | 0.9 | 0         |