

# Joseph E Bavaria

## List of Publications by Year in descending order

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149  
papers

18,261  
citations

71102

41  
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12597

132  
g-index

150  
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150  
docs citations

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times ranked

10014  
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.  | 27.0 | 6,189     |
| 2  | Transcatheter versus Surgical Aortic-Valve Replacement in High-Risk Patients. <i>New England Journal of Medicine</i> , 2011, 364, 2187-2198.  | 27.0 | 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.   | 2.8  | 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.   | 2.8  | 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.  | 1.1  | 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.  | 1.3  | 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.   | 2.8  | 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.  | 1.3  | 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.  | 0.8  | 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.                               | 1.3  | 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.   | 2.8  | 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.  | 1.3  | 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. | 0.8  | 93        |
| 16 | STS-ACC TVT Registry of Transcatheter Aortic Valve Replacement. <i>Annals of Thoracic Surgery</i> , 2021, 111, 701-722.   | 1.3  | 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.  | 1.3  | 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.                               | 2.8  | 89        |

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|----|---|-----|-----------|
| 19 | Long-term results of aggressive hemiarch replacement in 534 patients with type A aortic dissection. Journal of Thoracic and Cardiovascular Surgery, 2014, 148, 2981-2985.   | 0.8 | 87        |
| 20 | Surgical treatment of bicuspid aortic valve disease: Knowledge gaps and research perspectives. Journal of Thoracic and Cardiovascular Surgery, 2014, 147, 1749-1757.e1.   | 0.8 | 86        |
| 21 | Modeling of predissection aortic size in acute type A dissection: More than 90% fail to meet the guidelines for elective ascending replacement. Journal of Thoracic and Cardiovascular Surgery, 2014, 148, 944-948.e1.                  | 0.8 | 86        |
| 22 | Midterm, multicenter clinical and hemodynamic results for the Trifecta aortic pericardial valve. Journal of Thoracic and Cardiovascular Surgery, 2017, 153, 561-569.e2.   | 0.8 | 85        |
| 23 | Comprehensive Analysis of Mortality Among Patients Undergoing TAVR. Journal of the American College of Cardiology, 2014, 64, 158-168.   | 2.8 | 80        |
| 24 | Impact of timing on major complications after thoracic endovascular aortic repair for acute type B aortic dissection. Journal of Thoracic and Cardiovascular Surgery, 2015, 149, S151-S156.   | 0.8 | 77        |
| 25 | Fatal Hyperammonemia after Orthotopic Lung Transplantation. Annals of Internal Medicine, 2000, 132, 283.  | 3.9 | 76        |
| 26 | Association of Renin-Angiotensin Inhibitor Treatment With Mortality and Heart Failure Readmission in Patients With Transcatheter Aortic Valve Replacement. JAMA - Journal of the American Medical Association, 2018, 320, 2231.         | 7.4 | 72        |
| 27 | Outcomes of Thoracic Endovascular Aortic Repair in Acute Type B Aortic Dissection: Results From the Valiant United States Investigational Device Exemption Study. Annals of Thoracic Surgery, 2015, 100, 802-809.                       | 1.3 | 69        |
| 28 | The COMMENCE trial: 2-year outcomes with an aortic bioprosthesis with RESILIA tissue. European Journal of Cardio-thoracic Surgery, 2017, 52, 432-439.   | 1.4 | 67        |
| 29 | Moderate Versus Deep Hypothermic Circulatory Arrest for Elective Aortic Transverse Hemiarch Reconstruction. Annals of Thoracic Surgery, 2015, 99, 1511-1517.  | 1.3 | 64        |
| 30 | Endovascular repair of the ascending aorta in patients at high risk for open repair. Journal of Thoracic and Cardiovascular Surgery, 2015, 149, S144-S150.  | 0.8 | 64        |
| 31 | Stratification of Outcomes After Transcatheter Aortic Valve Replacement According to Surgical Inoperability for Technical Versus Clinical Reasons. Journal of the American College of Cardiology, 2014, 63, 901-911.                    | 2.8 | 62        |
| 32 | Use of computational fluid dynamics studies in predicting aneurysmal degeneration of acute type B aortic dissections. Journal of Vascular Surgery, 2015, 62, 279-284.   | 1.1 | 62        |
| 33 | Evaluation of Flow After Transcatheter Aortic Valve Replacement in Patients With Low-Flow Aortic Stenosis. JAMA Cardiology, 2016, 1, 584.   | 6.1 | 59        |
| 34 | The Impact of Deep Versus Moderate Hypothermia on Postoperative Kidney Function After Elective Aortic Hemiarch Repair. Annals of Thoracic Surgery, 2016, 102, 1313-1321.  | 1.3 | 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. Journal of Thoracic and Cardiovascular Surgery, 2014, 147, 942-950. | 0.8 | 57        |
| 36 | Outcome after aortic, axillary, or femoral cannulation for acute type A aortic dissection. Journal of Thoracic and Cardiovascular Surgery, 2019, 158, 27-34.e9.   | 0.8 | 57        |

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|----|---|-----|-----------|
| 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.  | 1.3 | 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.   | 1.4 | 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. | 1.3 | 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.  | 1.3 | 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.  | 1.3 | 44        |
| 42 | State-of-the art bicuspid aortic valve repair in 2020. <i>Progress in Cardiovascular Diseases</i> , 2020, 63, 457-464.  | 3.1 | 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.  | 1.3 | 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.  | 0.8 | 43        |
| 45 | Routine use of hemiarch during acute type A aortic dissection repair. <i>Annals of Cardiothoracic Surgery</i> , 2016, 5, 245-247.   | 1.7 | 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.   | 0.6 | 41        |
| 47 | How I Teach a Valve-Sparing Root Replacement. <i>Annals of Thoracic Surgery</i> , 2016, 101, 422-425.   | 1.3 | 39        |
| 48 | Integrin expression in non-small cell carcinoma of the lung. <i>Cancer and Metastasis Reviews</i> , 1995, 14, 229-239.  | 5.9 | 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.   | 1.3 | 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.  | 0.8 | 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.   | 1.3 | 38        |
| 52 | Outcomes of Surgery for Chronic Type A Aortic Dissection. <i>Annals of Thoracic Surgery</i> , 2015, 99, 88-93.  | 1.3 | 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.                                | 1.3 | 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.   | 0.8 | 36        |

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|----|--|-----|-----------|
| 55 | Outcomes of Aortic Root Replacement After Previous Aortic Root Replacement: The “True” Redo Root. <i>Annals of Thoracic Surgery</i> , 2015, 99, 1601-1609.   | 1.3 | 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. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2018, 32, 586-597.                       | 1.3 | 36        |
| 57 | The Society of Thoracic Surgeons National Database 2016 Annual Report. <i>Annals of Thoracic Surgery</i> , 2016, 102, 1790-1797.   | 1.3 | 35        |
| 58 | Fate of remnant sinuses of Valsalva in patients with bicuspid and trileaflet valves undergoing aortic valve, ascending aorta, and aortic arch replacement. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 154, 421-432.                                     | 0.8 | 35        |
| 59 | The train has left: Can surgeons still get a ticket to treat structural heart disease?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, 2369-2376.e2.   | 0.8 | 35        |
| 60 | Root Stabilization of the Repaired Bicuspid Aortic Valve: Subcommissural Annuloplasty Versus Root Reimplantation. <i>Annals of Thoracic Surgery</i> , 2014, 97, 1227-1234.   | 1.3 | 34        |
| 61 | Simplifying aortic arch surgery: open zone 2 arch with single branched thoracic endovascular aortic repair completion. <i>Annals of Cardiothoracic Surgery</i> , 2018, 7, 351-356.   | 1.7 | 33        |
| 62 | Anatomic feasibility of an endovascular valve “carrying conduit for the treatment of type A aortic dissection. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, 26-34.e1.  | 0.8 | 32        |
| 63 | Valve Selection in End-Stage Renal Disease: Should It Always Be Biological?. <i>Annals of Thoracic Surgery</i> , 2016, 102, 1531-1535.   | 1.3 | 31        |
| 64 | The role of extracorporeal membrane oxygenator therapy in the setting of Type A aortic dissection. <i>Journal of Cardiac Surgery</i> , 2017, 32, 822-825.  | 0.7 | 31        |
| 65 | Predicting Distal Aortic Remodeling After Endovascular Repair for Chronic DeBakey III Aortic Dissection. <i>Annals of Thoracic Surgery</i> , 2018, 105, 1691-1696.   | 1.3 | 31        |
| 66 | Acute aortic dissections with entry tear in the arch: A report from the International Registry of Acute Aortic Dissection. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, 66-73.   | 0.8 | 30        |
| 67 | Evaluation of the Gore TAG thoracic branch endoprosthesis in the treatment of proximal descending thoracic aortic aneurysms. <i>Journal of Vascular Surgery</i> , 2021, 74, 1483-1490.e2.  | 1.1 | 30        |
| 68 | Bicuspid Aortic Insufficiency With Aortic Root Aneurysm: Root Reimplantation Versus Bentall Root Replacement. <i>Annals of Thoracic Surgery</i> , 2016, 102, 1221-1228.  | 1.3 | 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. <i>European Heart Journal Quality of Care &amp; Clinical Outcomes</i> , 2021, 7, 208-213.             | 4.0 | 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. <i>European Journal of Cardio-thoracic Surgery</i> , 2016, 49, 1256-1261. | 1.4 | 28        |
| 71 | Outcomes of Elective Aortic Hemiarch Reconstruction for Aneurysmal Disease in the Elderly. <i>Annals of Thoracic Surgery</i> , 2017, 104, 1522-1530.   | 1.3 | 28        |
| 72 | Risk Aversion and Public Reporting. Part 2: Mitigation Strategies. <i>Annals of Thoracic Surgery</i> , 2017, 104, 2102-2110.   | 1.3 | 28        |

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|----|---|-----|-----------|
| 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.   | 1.4 | 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.   | 0.8 | 27        |
| 75 | Socioeconomic and Geographic Characteristics of Hospitals Establishing Transcatheter Aortic Valve Replacement Programs, 2012â€“2018. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2021, 14, e008260.   | 2.2 | 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.  | 0.6 | 26        |
| 77 | Pathogenesis and Risk Factors for Cerebral Infarct After Surgical Aortic Valve Replacement. <i>Stroke</i> , 2016, 47, 2130-2132.  | 2.0 | 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.   | 1.3 | 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.   | 0.8 | 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.   | 1.4 | 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. | 1.7 | 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.                                       | 0.8 | 24        |
| 84 | Type A Aortic Dissection in Patients With Bicuspid Aortic Valve Aortopathy. <i>Annals of Thoracic Surgery</i> , 2020, 109, 94-100.  | 1.3 | 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.   | 1.3 | 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.   | 0.8 | 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.   | 1.1 | 23        |
| 88 | Cognition and Cerebral Infarction in Older Adults After Surgical Aortic Valve Replacement. <i>Annals of Thoracic Surgery</i> , 2019, 107, 787-794.  | 1.3 | 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.   | 0.8 | 22        |
| 90 | Bicuspid aortic valve repair: systematic review on long-term outcomes. <i>Annals of Cardiothoracic Surgery</i> , 2019, 8, 302-312.  | 1.7 | 22        |

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|-----|---|-----|-----------|
| 91  | Preoperative neurological deficit in acute type A aortic dissection. Interactive Cardiovascular and Thoracic Surgery, 2020, 30, 613-619.  | 1.1 | 22        |
| 92  | Aortic Valve Morphology Determines the Presentation and Surgical Approach to Acute Type A Aortic Dissection. Annals of Thoracic Surgery, 2014, 97, 1991-1997.   | 1.3 | 21        |
| 93  | Impact of Carotid Artery Involvement in Type A Aortic Dissection. Circulation, 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. Annals of Thoracic Surgery, 2019, 108, 1391-1397.   | 1.3 | 19        |
| 95  | Glycation and Serum Albumin Infiltration Contribute to the Structural Degeneration of Bioprosthetic Heart Valves. JACC Basic To Translational Science, 2020, 5, 755-766.  | 4.1 | 19        |
| 96  | Management of arch aneurysms with a single-branch thoracic endograft in zone 0. JTCVS Techniques, 2021, 7, 1-6.   | 0.4 | 18        |
| 97  | The Progression of a Transcatheter Aortic Valve Program: A Decision Analysis of More Than 680 Patient Referrals. Annals of Thoracic Surgery, 2011, 92, 2072-2077.   | 1.3 | 17        |
| 98  | Long-term outcomes of aortic root operations in the United States among Medicare beneficiaries. Journal of Thoracic and Cardiovascular Surgery, 2023, 165, 554-565.e6.  | 0.8 | 17        |
| 99  | Five-year outcomes of endovascular repair of complicated acute type B aortic dissections. Journal of Thoracic and Cardiovascular Surgery, 2022, 163, 539-548.e2.  | 0.8 | 17        |
| 100 | Pathway for Surgeons and Programs to Establish and Maintain a Successful Robot-Assisted Adult Cardiac Surgery Program. Annals of Thoracic Surgery, 2016, 102, 340-344.  | 1.3 | 16        |
| 101 | Long-term outcome of surgical cryoablation for refractory ventricular tachycardia in patients with non-ischemic cardiomyopathy. Europace, 2018, 20, e30-e41.  | 1.7 | 16        |
| 102 | Thoracic Endovascular Aneurysm Repair Trends and Outcomes in Over 27,000 Medicare Patients for Descending Thoracic Aneurysms. Annals of Thoracic Surgery, 2020, 109, 1757-1764.   | 1.3 | 16        |
| 103 | Association of Volume and Outcomes in 234 556 Patients Undergoing Surgical Aortic Valve Replacement. Annals of Thoracic Surgery, 2022, 114, 1299-1306.  | 1.3 | 16        |
| 104 | Sodium bicarbonate use and the risk of hypernatremia in thoracic aortic surgical patients with metabolic acidosis following deep hypothermic circulatory arrest. Annals of Cardiac Anaesthesia, 2016, 19, 454.                                      | 0.6 | 15        |
| 105 | Outcome After Operation for Aortic Dissection Type A in Morbidly Obese Patients. Annals of Thoracic Surgery, 2018, 106, 491-497.  | 1.3 | 15        |
| 106 | Predictors of Recurrent Aortic Insufficiency in Type I Bicuspid Aortic Valve Repair. Annals of Thoracic Surgery, 2018, 106, 1316-1324.  | 1.3 | 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. Journal of the American Heart Association, 2022, 11, e023848. | 3.7 | 15        |
| 108 | Midterm outcomes and durability of sinus segment preservation compared with root replacement for acute type A aortic dissection. Journal of Thoracic and Cardiovascular Surgery, 2022, 163, 900-910.e2.   | 0.8 | 14        |



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|-----|---|-----|-----------|
| 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.  | 0.8 | 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.  | 0.8 | 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.  | 0.8 | 13        |
| 112 | Combined Transaortic Transcatheter Valve Replacement and Thoracic Endografting. <i>Annals of Thoracic Surgery</i> , 2014, 97, 696-698.  | 1.3 | 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.   | 0.6 | 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.  | 0.8 | 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.  | 1.3 | 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.                                    | 0.6 | 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.   | 1.4 | 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.  | 1.3 | 9         |
| 119 | Bicuspid Aortic Valve Resuspension in Acute Type A Aortic Dissection Patients. <i>Annals of Thoracic Surgery</i> , 2015, 100, 827-832.  | 1.3 | 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.   | 1.1 | 8         |
| 121 | Facilitating Hemostasis After Proximal Aortic Surgery: Results of The PROTECT Trial. <i>Annals of Thoracic Surgery</i> , 2018, 105, 1357-1364.  | 1.3 | 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. | 0.8 | 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.  | 1.3 | 6         |
| 124 | Thoracic aortic surgery enters the era of big data. <i>European Journal of Cardio-thoracic Surgery</i> , 2017, 52, 499-500.   | 1.4 | 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.   | 2.4 | 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.   | 0.8 | 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). Journal of Thoracic and Cardiovascular Surgery, 2021, 161, 48-53.  | 0.8  | 4         |
| 128 | Central cannulation strategy for extent I thoracoabdominal aneurysm repair of chronic type B aortic dissection. Journal of Cardiac Surgery, 2017, 32, 494-499.   | 0.7  | 3         |
| 129 | TEVAR Versus Open Surgery in Medicare Patients With Descending Thoracic Aneurysms. Journal of the American College of Cardiology, 2019, 73, 652-653.   | 2.8  | 3         |
| 130 | Repair of type A aortic intramural hematoma with ascending and hemiarch reconstruction using circulatory arrest and retrograde cerebral perfusion. Annals of Cardiothoracic Surgery, 2019, 8, 567-569.   | 1.7  | 3         |
| 131 | Fate of the Preserved Sinuses of Valsalva After Emergency Repair for Acute Type A Aortic Dissection. Annals of Thoracic Surgery, 2020, 110, 1476-1483.   | 1.3  | 3         |
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