

Joseph S Coselli

List of Publications by Year in Descending Order

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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.

260
papers

11,692
citations

51
h-index

105
g-index

322
ext. papers

13,558
ext. citations

2.6
avg, IF

6.11
L-index

| # | Paper | IF | Citations |
|-----|--|-----|-----------|
| 260 | Racial/ethnic differences persist in treatment choice and outcomes in isolated intervention for coronary artery disease.. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022 , | 1.5 | 1 |
| 259 | Endovascular therapy for patients with heritable thoracic aortic disease.. <i>Annals of Cardiothoracic Surgery</i> , 2022 , 11, 31-36 | 4.7 | 0 |
| 258 | Endovascular repair of the ascending aorta: the last frontier.. <i>Annals of Cardiothoracic Surgery</i> , 2022 , 11, 26-30 | 4.7 | 1 |
| 257 | Mid- and long-term outcomes of thoracic endovascular aortic repair in acute and subacute uncomplicated type B aortic dissection.. <i>Journal of Cardiac Surgery</i> , 2022 , | 1.3 | 2 |
| 256 | Commentary: Aortic arch repair: Custom made versus one size fits all.. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022 , | 1.5 | |
| 255 | Commentary: A different animal but the same beast.. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022 , | 1.5 | |
| 254 | Subjective assessment underestimates surgical risk: On the potential benefits of cardiopulmonary exercise testing for open thoracoabdominal repair.. <i>Journal of Cardiac Surgery</i> , 2022 , | 1.3 | 1 |
| 253 | ARISE: First-In-Human Evaluation of a Novel Stent Graft to Treat Ascending Aortic Dissection.. <i>Journal of Endovascular Therapy</i> , 2022 , 15266028221095018 | 2.5 | 1 |
| 252 | Persistent Opioid Use After Open Aortic Surgery: Risk Factors, Costs, and Consequences. <i>Annals of Thoracic Surgery</i> , 2021 , 112, 1939-1945 | 2.7 | 1 |
| 251 | Single-Cell Analysis of Aneurysmal Aortic Tissue in Patients with Marfan Syndrome Reveals Dysfunctional TGF- β Signaling.. <i>Genes</i> , 2021 , 13, | 4.2 | 2 |
| 250 | Optimal circulatory arrest temperature for aortic hemiarch replacement with antegrade brain perfusion. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 , | 1.5 | 3 |
| 249 | AIM2 Inflammasome Activation Contributes to Aortic Dissection in Sporadic Aortic Disease Mouse Model.. <i>Journal of Surgical Research</i> , 2021 , 272, 105-116 | 2.5 | 0 |
| 248 | Management of Chronic Dissection of the Descending Thoracic and Thoracoabdominal Aorta: Open Approach 2021 , 423-446 | | |
| 247 | Perioperative management of patients undergoing thoracic endovascular repair.. <i>Annals of Cardiothoracic Surgery</i> , 2021 , 10, 768-777 | 4.7 | 0 |
| 246 | Early Gastrointestinal Complications After Open Thoracoabdominal Aortic Aneurysm Repair. <i>Annals of Thoracic Surgery</i> , 2021 , 112, 717-724 | 2.7 | 4 |
| 245 | Open vs. endovascular thoracoabdominal aortic aneurysm repair: tale of the tape. <i>Asian Cardiovascular and Thoracic Annals</i> , 2021 , 29, 643-653 | 0.6 | 1 |
| 244 | Commentary: The aggregation of marginal gains for spinal cord protection. <i>JTCVS Techniques</i> , 2021 , 6, 9-10 | 0.2 | |

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| 243 | Commentary: Through thick and thin. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 , | 1.5 | |
| 242 | Transcatheter aortic valve replacement after chest radiation: A propensity-matched analysis. <i>International Journal of Cardiology</i> , 2021 , 329, 50-55 | 3.2 | 1 |
| 241 | Commentary: There is more than one way to skin a cat. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 , | 1.5 | |
| 240 | Outcomes of Aortic Valve Replacement for Chronic Aortic Insufficiency: Analysis of the Society of Thoracic Surgeons Database. <i>Annals of Thoracic Surgery</i> , 2021 , | 2.7 | 1 |
| 239 | A history of open thoracoabdominal aortic aneurysm repair: perspective from Houston. <i>Journal of Cardiovascular Surgery</i> , 2021 , 62, 191-202 | 0.7 | 0 |
| 238 | Critical care management after open thoracoabdominal aortic aneurysm repair. <i>Journal of Cardiovascular Surgery</i> , 2021 , 62, 220-229 | 0.7 | 1 |
| 237 | Sex Differences in Ascending Aortic and Arch Surgery: A Propensity-Matched Comparison of 1153 Pairs. <i>Annals of Thoracic Surgery</i> , 2021 , | 2.7 | 2 |
| 236 | Commentary: 3-D Printing: Taming the Aorta. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2021 , | 1.7 | |
| 235 | Reply: Just because we can, should we? Quantity versus quality of life. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 , 161, e363-e364 | 1.5 | |
| 234 | Commentary: Aortic regurgitation and aortic cusp repair: The devil is in the details. <i>JTCVS Techniques</i> , 2021 , 7, 119-120 | 0.2 | |
| 233 | Effect of sarcopenia on survival and spinal cord deficit outcomes after thoracoabdominal aortic aneurysm repair in patients 60 years of age and older. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 , | 1.5 | 2 |
| 232 | Commentary: Hidden treasure: Cultivating pearls from a sea of information.. <i>JTCVS Techniques</i> , 2021 , 10, 14-15 | 0.2 | |
| 231 | Sex-Based Aortic Dissection Outcomes From the International Registry of Acute Aortic Dissection. <i>Annals of Thoracic Surgery</i> , 2021 , | 2.7 | 5 |
| 230 | Surgical strategies in the management of chronic dissection of the thoracoabdominal aorta. <i>Journal of Cardiovascular Surgery</i> , 2021 , 62, 302-315 | 0.7 | 0 |
| 229 | Commentary: Risk of overlapping surgery in cardiac surgery? Much ado about nothing. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 , 162, 165-166 | 1.5 | |
| 228 | Commentary: Fools rush in where angels fear to tread. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 , 161, e357-e358 | 1.5 | |
| 227 | Cardiac surgery during the COVID-19 sine wave: Preparation once, preparation twice. A view from Houston. <i>Journal of Cardiac Surgery</i> , 2021 , 36, 1615-1623 | 1.3 | 2 |
| 226 | Commentary: A situation where time is of the essence except when it is not. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 , 161, 1739-1741 | 1.5 | |

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| 225 | Commentary: Measure twice, cut once. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 , 161, e148-e149 | | |
| 224 | Commentary: Not just for kids anymore: The Ross procedure grows up. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 , 161, 916-917 | 1.5 | |
| 223 | Commentary: Aortic repair in the Great White North-endovascular or open, eh?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 , 161, 528-529 | 1.5 | 1 |
| 222 | Commentary: We still do not know what we do not know. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 , 161, 1191-1192 | 1.5 | |
| 221 | Commentary: The hinge point doubles down-What's next for descending thoracic and thoracoabdominal aortic repair. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 , 161, 512-513 | 1.5 | |
| 220 | Commentary: "How to Slay the Aortic Dissection Beast in a COVID-19 World". <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2021 , 33, 313-315 | 1.7 | |
| 219 | Commentary: One rose does not make a bouquet. <i>JTCVS Techniques</i> , 2021 , 5, 4-5 | 0.2 | |
| 218 | Commentary: Is the glass half full or half empty?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 , | 1.5 | |
| 217 | Contemporary Outcomes After Partial Resection of Infected Aortic Grafts. <i>Annals of Vascular Surgery</i> , 2021 , 76, 202-210 | 1.7 | 2 |
| 216 | Commentary: Parley at the summit. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 , 162, 799-800 | 1.5 | 1 |
| 215 | 2021 The American Association for Thoracic Surgery expert consensus document: Surgical treatment of acute type A aortic dissection. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 , 162, 735-758.e2 | 1.5 | 20 |
| 214 | Sex, Racial, and Ethnic Disparities in U.S. Cardiovascular Trials in More Than 230,000 Patients. <i>Annals of Thoracic Surgery</i> , 2021 , 112, 726-735 | 2.7 | 8 |
| 213 | Hemodynamic outcomes after valve-in-valve transcatheter aortic valve replacement: a single-center experience. <i>Annals of Cardiothoracic Surgery</i> , 2021 , 10, 630-640 | 4.7 | 0 |
| 212 | Commentary: A little help from the bench to cut risk of paraplegia?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 , | 1.5 | |
| 211 | Transcatheter valve-in-valve implantation for degenerated stentless aortic bioprosthesis. <i>Annals of Cardiothoracic Surgery</i> , 2021 , 10, 641-650 | 4.7 | |
| 210 | Midterm outcomes of aortic root surgery in patients with Marfan syndrome: A prospective, multicenter, comparative study. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 , | 1.5 | 3 |
| 209 | Machine Learning to Predict Outcomes and Cost by Phase of Care after Coronary Artery Bypass Grafting. <i>Annals of Thoracic Surgery</i> , 2021 , | 2.7 | 2 |
| 208 | In situ bypass and extra-anatomic bypass procedures result in similar survival in patients with secondary aortoenteric fistulas. <i>Journal of Vascular Surgery</i> , 2021 , 73, 210-221.e1 | 3.5 | 8 |

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| 207 | Commentary: An oldie is not always a goodie.. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 , | 1.5 | |
| 206 | What is the optimal timing for thoracic endovascular aortic repair in uncomplicated Type B aortic dissection?. <i>Journal of Cardiac Surgery</i> , 2021 , | 1.3 | 2 |
| 205 | Commentary: Occam's razor: The simplest solution is always the best. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 , | 1.5 | 0 |
| 204 | Provisional extension to induce complete attachment of an endovascular repair for acute type A aortic dissection with visceral malperfusion. <i>JTCVS Techniques</i> , 2020 , 3, 61-63 | 0.2 | 5 |
| 203 | Valve-sparing versus valve-replacing aortic root operations in patients with Marfan syndrome. <i>Shanghai Chest</i> , 2020 , 4, 23-23 | 0.2 | 0 |
| 202 | Endovascular Repair of a Pseudoaneurysm After Multiple Open Repairs of Aortic Coarctation. <i>Texas Heart Institute Journal</i> , 2020 , 47, 149-151 | 0.8 | 2 |
| 201 | Acute Type A Aortic Dissection 2020 , 475-486 | | |
| 200 | Open Repair of Acute Type A Intramural Hematoma in 3 Patients. <i>Texas Heart Institute Journal</i> , 2020 , 47, 290-297 | 0.8 | 0 |
| 199 | Commentary: It's not how you drive-it's how you arrive!. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 , | 1.5 | |
| 198 | The frozen elephant trunk technique in acute DeBakey type I aortic dissection. <i>Turkish Journal of Thoracic and Cardiovascular Surgery</i> , 2020 , 28, 411-418 | 0.5 | 1 |
| 197 | Commentary: Aortic arch repair: The patient's anatomy and the surgeon's knowledge matter. <i>JTCVS Techniques</i> , 2020 , 4, 5-6 | 0.2 | |
| 196 | Propensity score analysis in patients with and without previous isolated coronary artery bypass grafting who require proximal aortic and arch surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 , | 1.5 | 4 |
| 195 | Successful use of angiotensin II for vasoplegia after thoracoabdominal aortic aneurysm repair. <i>JTCVS Techniques</i> , 2020 , 4, 72-75 | 0.2 | 3 |
| 194 | Contemporary Surgical Strategies for Acute Type A Aortic Dissection. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2020 , 32, 617-629 | 1.7 | 6 |
| 193 | Open Thoracoabdominal Aortic Repair in Patients With Heritable Aortic Disease in the GenTAC Registry. <i>Annals of Thoracic Surgery</i> , 2020 , 109, 1378-1384 | 2.7 | 7 |
| 192 | Neurologic complications after the frozen elephant trunk procedure: A meta-analysis of more than 3000 patients. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 , 160, 20-33.e4 | 1.5 | 68 |
| 191 | Clinical Characteristics and Long-Term Outcomes of Midaortic Syndrome. <i>Annals of Vascular Surgery</i> , 2020 , 66, 318-325 | 1.7 | 11 |
| 190 | Critical Role of Cytosolic DNA and Its Sensing Adaptor STING in Aortic Degeneration, Dissection, and Rupture. <i>Circulation</i> , 2020 , 141, 42-66 | 16.7 | 45 |

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| 189 | Is incidental splenectomy during thoracoabdominal aortic aneurysm repair associated with reduced survival?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 , 160, 641-652.e2 | 1.5 | 6 |
| 188 | Single-Cell Transcriptome Analysis Reveals Dynamic Cell Populations and Differential Gene Expression Patterns in Control and Aneurysmal Human Aortic Tissue. <i>Circulation</i> , 2020 , 142, 1374-1388 | 16.7 | 41 |
| 187 | Commentary: The devil is in the details. <i>JTCVS Techniques</i> , 2020 , 3, 37-38 | 0.2 | |
| 186 | Commentary: The benefits of going big: Cost savings and reduced mortality in a national study of proximal aortic repair. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 , | 1.5 | |
| 185 | A 23-year experience with the reversed elephant trunk technique for staged repair of extensive thoracic aortic aneurysm. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 , | 1.5 | 3 |
| 184 | Ciprofloxacin accelerates aortic enlargement and promotes dissection and rupture in Marfan mice. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 , | 1.5 | 10 |
| 183 | Differential presentation in acuity and outcomes based on socioeconomic status in patients who undergo thoracoabdominal aortic aneurysm repair. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 , | 1.5 | 4 |
| 182 | Commentary: In surgery for acute type A aortic dissection, follow the principles and do what you need to do. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 , 159, 768-769 | 1.5 | 2 |
| 181 | Commentary: Despite global warming, frozen has its place. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 , 159, 1212-1213 | 1.5 | |
| 180 | Commentary: Bringing life to the golden years. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 , 160, 357-358 | 1.5 | |
| 179 | Commentary: Keep the head cool. Keep the spine cooler. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 , 160, 44-45 | 1.5 | |
| 178 | Activation of Bone Marrow-Derived Cells and Resident Aortic Cells During Aortic Injury. <i>Journal of Surgical Research</i> , 2020 , 245, 1-12 | 2.5 | 4 |
| 177 | Targeting the NLRP3 Inflammasome With Inhibitor MCC950 Prevents Aortic Aneurysms and Dissections in Mice. <i>Journal of the American Heart Association</i> , 2020 , 9, e014044 | 6 | 37 |
| 176 | Tracheostomy After Thoracoabdominal Aortic Aneurysm Repair: Risk Factors and Outcomes. <i>Annals of Thoracic Surgery</i> , 2019 , 108, 778-784 | 2.7 | 8 |
| 175 | Commentary: Does the risk of paraplegia leave you cold?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 , 158, 353-354 | 1.5 | |
| 174 | Invited Commentary. <i>Annals of Thoracic Surgery</i> , 2019 , 108, 1344 | 2.7 | |
| 173 | Thoracoabdominal Aortic Aneurysm Repair: From an Era of Revolution to an Era of Evolution. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2019 , 31, 703-707 | 1.7 | 2 |
| 172 | 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 | 1.7 | 15 |

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| 171 | Early-Stage Acute Kidney Injury Adversely Affects Thoracoabdominal Aortic Aneurysm Repair Outcomes. <i>Annals of Thoracic Surgery</i> , 2019 , 107, 1720-1726 | 2.7 | 7 |
| 170 | Current Open Treatment of Thoracoabdominal Aortic Aneurysms 2019 , 1075-1089 | | 1 |
| 169 | In the endovascular era, is elective open aortic arch surgery in elderly patients still justified?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 , 158, 973-979 | 1.5 | 5 |
| 168 | SMAD4 rare variants in individuals and families with thoracic aortic aneurysms and dissections. <i>European Journal of Human Genetics</i> , 2019 , 27, 1054-1060 | 5.3 | 13 |
| 167 | Witness protection for authors of controversial guidelines. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 , 157, e242 | 1.5 | |
| 166 | Commentary: Beyond the edge of the map. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 , 157, 2157-2158 | 1.5 | |
| 165 | Commentary: No plan is perfect: It's about making choices. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 , 157, 2137 | 1.5 | |
| 164 | Acute type I aortic dissection with or without antegrade stent delivery: Mid-term outcomes. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 , 158, 1273-1281 | 1.5 | 20 |
| 163 | Target in range-Repair of acute type A aortic dissection. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 , 157, e115-e116 | 1.5 | |
| 162 | Incidence, Cost, and Risk Factors for Readmission After Coronary Artery Bypass Grafting. <i>Annals of Thoracic Surgery</i> , 2019 , 107, 1782-1789 | 2.7 | 24 |
| 161 | Reflection of pioneers: redo thoracoabdominal aortic aneurysm repair controversies in thoracic aortic aneurysm surgery. <i>General Thoracic and Cardiovascular Surgery</i> , 2019 , 67, 168-174 | 1.6 | 2 |
| 160 | Thoracoabdominal Aneurysms 2019 , 438-454 | | |
| 159 | Review: perspectives on renal and visceral protection during thoracoabdominal aortic aneurysm repair. <i>Indian Journal of Thoracic and Cardiovascular Surgery</i> , 2019 , 35, 179-185 | 0.4 | 1 |
| 158 | Reply: Keep the arm in armamentarium. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 , 158, e165-e166 | | 1 |
| 157 | Systematic review and meta-analysis of surgical outcomes comparing mechanical valve replacement and bioprosthetic valve replacement in infective endocarditis. <i>Annals of Cardiothoracic Surgery</i> , 2019 , 8, 587-599 | 4.7 | 7 |
| 156 | Commentary: To be or not to be: The guidelines are the question. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 , 157, 1746-1747 | 1.5 | 2 |
| 155 | Incidence and Treatment Outcomes of Vocal Fold Movement Impairment After Total Arch Replacement. <i>Laryngoscope</i> , 2019 , 129, 699-703 | 3.6 | 5 |
| 154 | Spinal cord deficit after 1114 extent II open thoracoabdominal aortic aneurysm repairs. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 , | 1.5 | 16 |

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| 153 | Commentary: Horseshoes and hand grenades. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 , | 1.5 | |
| 152 | You can always get what you want. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 , | 1.5 | |
| 151 | Postoperative Chylothorax After Thoracoabdominal Aortic Aneurysm Repair. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2018 , 30, 215-219 | 1.7 | 3 |
| 150 | In elective arch surgery with circulatory arrest, does the arterial cannulation site really matter? A propensity score analysis of right axillary and innominate artery cannulation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018 , 155, 1953-1960.e4 | 1.5 | 29 |
| 149 | Randomized clinical trials of surgery for infective endocarditis: Reality versus expectations!. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018 , 155, 74-75.e1 | 1.5 | |
| 148 | Unplanned Readmissions After Open Thoracoabdominal Aortic Aneurysm Repair. <i>Annals of Thoracic Surgery</i> , 2018 , 105, 228-234 | 2.7 | 3 |
| 147 | Chronic Type I and Type III aortic dissections: a propensity analysis of outcomes after open distal repair. <i>European Journal of Cardio-thoracic Surgery</i> , 2018 , 54, 510-516 | 3 | 8 |
| 146 | Early versus late inpatient awake transcervical injection laryngoplasty after thoracic aortic repair. <i>Laryngoscope</i> , 2018 , 128, 144-147 | 3.6 | 16 |
| 145 | Reoperative surgery on the thoracoabdominal aorta. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018 , 155, 474-485.e1 | 1.5 | 13 |
| 144 | Open descending thoracic or thoracoabdominal aortic approaches for complications of endovascular aortic procedures: 19-year experience. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018 , 155, 10-18 | 1.5 | 19 |
| 143 | Open repair of thoracoabdominal aortic aneurysms in experienced centers. <i>Journal of Vascular Surgery</i> , 2018 , 68, 634-645.e12 | 3.5 | 49 |
| 142 | Effect of Ciprofloxacin on Susceptibility to Aortic Dissection and Rupture in Mice. <i>JAMA Surgery</i> , 2018 , 153, e181804 | 5.4 | 53 |
| 141 | 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 |
| 140 | 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 |
| 139 | The impact of preoperative chronic kidney disease on outcomes after Crawford extent II thoracoabdominal aortic aneurysm repairs. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018 , 156, 2053-2064.e1 | 1.5 | 11 |
| 138 | Open Repair of Thoracoabdominal Aortic Aneurysm: Step-by-Step. <i>Operative Techniques in Thoracic and Cardiovascular Surgery</i> , 2018 , 23, 2-20 | 0.9 | 10 |
| 137 | Hybrid thoracoabdominal aortic aneurysm repair: is the future here?. <i>Journal of Visualized Surgery</i> , 2018 , 4, 61 | 0.3 | 4 |
| 136 | Zone zero hybrid arch exclusion versus open total arch replacement. <i>Annals of Cardiothoracic Surgery</i> , 2018 , 7, 372-379 | 4.7 | 9 |

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| 135 | ECMO for Acute Respiratory Distress Syndrome After Thoracoabdominal Aortic Aneurysm Repair. <i>Annals of Thoracic Surgery</i> , 2018 , 106, e171-e172 | 2.7 | 3 |
| 134 | Invited Commentary. <i>Annals of Thoracic Surgery</i> , 2018 , 106, 1135 | 2.7 | |
| 133 | Invited Commentary. <i>Annals of Thoracic Surgery</i> , 2018 , 106, 1324-1325 | 2.7 | |
| 132 | Redo Aortic Root Operations in Patients with Marfan Syndrome. <i>International Journal of Angiology</i> , 2018 , 27, 92-97 | 1.1 | 3 |
| 131 | NLRP3 (Nucleotide Oligomerization Domain-Like Receptor Family, Pyrin Domain Containing 3)-Caspase-1 Inflammasome Degrades Contractile Proteins: Implications for Aortic Biomechanical Dysfunction and Aneurysm and Dissection Formation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017 , 37, 694-706 | 9.4 | 51 |
| 130 | The seven attributes of the academic surgeon: Critical aspects of the archetype and contributions to the surgical community. <i>American Journal of Surgery</i> , 2017 , 214, 165-179 | 2.7 | 24 |
| 129 | Aortic root surgery with circulatory arrest: Predictors of prolonged postoperative hospital stay. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017 , 153, 511-518 | 1.5 | 4 |
| 128 | Cardiac Arrhythmia After Open Thoracoabdominal Aortic Aneurysm Repair. <i>Annals of Thoracic Surgery</i> , 2017 , 104, 854-860 | 2.7 | 3 |
| 127 | The impact of temperature in aortic arch surgery patients receiving antegrade cerebral perfusion for >30 minutes: How relevant is it really?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017 , 153, 767-776 | 1.5 | 9 |
| 126 | Open Repair of Thoracoabdominal Aortic Aneurysm in Patients 50 Years Old and Younger. <i>Annals of Thoracic Surgery</i> , 2017 , 103, 1849-1857 | 2.7 | 22 |
| 125 | Critical Role of ADAMTS-4 in the Development of Sporadic Aortic Aneurysm and Dissection in Mice. <i>Scientific Reports</i> , 2017 , 7, 12351 | 4.9 | 43 |
| 124 | Valve-sparing versus composite root replacement procedures in patients with Marfan syndrome. <i>Annals of Cardiothoracic Surgery</i> , 2017 , 6, 692-696 | 4.7 | 3 |
| 123 | Are outcomes of thoracoabdominal aortic aneurysm repair different in men versus women? A propensity-matched comparison. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017 , 154, 1203-1214.e6 | 1.5 | 14 |
| 122 | The Stent Is Not to Blame: Lessons Learned With a Simplified US Version of the Frozen Elephant Trunk. <i>Annals of Thoracic Surgery</i> , 2017 , 104, 1456-1463 | 2.7 | 13 |
| 121 | Elective primary aortic root replacement with and without hemiarch repair in patients with no previous cardiac surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017 , 153, 1402-1408 | 1.5 | 7 |
| 120 | Moderate hypothermia at warmer temperatures is safe in elective proximal and total arch surgery: Results in 665 patients. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017 , 153, 1011-1018 | 1.5 | 19 |
| 119 | Outcomes in the Randomized CoreValve US Pivotal High Risk Trial in Patients With a Society of Thoracic Surgeons Risk Score of 7% or Less. <i>JAMA Cardiology</i> , 2016 , 1, 945-949 | 16.2 | 51 |
| 118 | Aortic Arch Replacement in Patients With Chronic Dissection: Special Considerations. <i>Seminars in Cardiothoracic and Vascular Anesthesia</i> , 2016 , 20, 314-321 | 1.4 | 2 |

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| 117 | AKT2 Promotes Bone Marrow Cell-Mediated Aortic Protection in Mice. <i>Annals of Thoracic Surgery</i> , 2016 , 101, 2085-96 | 2.7 | 3 |
| 116 | Open aortic surgery after thoracic endovascular aortic repair. <i>General Thoracic and Cardiovascular Surgery</i> , 2016 , 64, 441-9 | 1.6 | 31 |
| 115 | Outcomes of 3309 thoracoabdominal aortic aneurysm repairs. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016 , 151, 1323-37 | 1.5 | 296 |
| 114 | Results of Open Surgical Repair in Patients With Marfan Syndrome and Distal Aortic Dissection. <i>Annals of Thoracic Surgery</i> , 2016 , 101, 2193-201 | 2.7 | 31 |
| 113 | Differential aspects of ascending thoracic aortic dissection and its treatment: the North American experience. <i>Annals of Cardiothoracic Surgery</i> , 2016 , 5, 352-9 | 4.7 | 8 |
| 112 | History and Highlights of Cardiothoracic Surgery at Baylor College of Medicine. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2016 , 28, 611-620 | 1.7 | 1 |
| 111 | Midterm Survival and Quality of Life After Extent II Thoracoabdominal Aortic Repair in Marfan Syndrome. <i>Annals of Thoracic Surgery</i> , 2016 , 101, 1402-9; discussion 1409 | 2.7 | 20 |
| 110 | Moderate hypothermia 24 and 28°C with hypothermic circulatory arrest for proximal aortic operations in patients with previous cardiac surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2016 , 50, 949-954 | 3 | 2 |
| 109 | Asprosin, a Fasting-Induced Glucogenic Protein Hormone. <i>Cell</i> , 2016 , 165, 566-79 | 56.2 | 187 |
| 108 | Feasibility of a proposed randomized trial in patients with uncomplicated descending thoracic aortic dissection: Results of worldwide survey. <i>American Heart Journal</i> , 2016 , 181, 137-144 | 4.9 | 7 |
| 107 | Competition: Perspiration to inspiration "Aut inveniam viam aut faciam". <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016 , 152, 1215-1222 | 1.5 | 3 |
| 106 | Extent II Thoracoabdominal Aortic Aneurysm Repair: How I Do It. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2016 , 28, 221-237 | 1.7 | 31 |
| 105 | Hemiarch and Total Arch Surgery in Patients With Previous Repair of Acute Type I Aortic Dissection. <i>Annals of Thoracic Surgery</i> , 2015 , 100, 833-8 | 2.7 | 22 |
| 104 | 50th Anniversary Landmark Commentary on Liotta D, Hallman GL, Milam JD, Cooley DA. Surgical treatment of acute dissecting aneurysm of the ascending aorta. <i>Ann Thorac Surg</i> 1971;12:582-92. <i>Annals of Thoracic Surgery</i> , 2015 , 99, 1499 | 2.7 | 1 |
| 103 | Contemporary outcomes of open thoracoabdominal aortic aneurysm repair in octogenarians. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015 , 149, S134-41 | 1.5 | 22 |
| 102 | Reprint of: Reoperations on the total aortic arch in 119 patients: short- and mid-term outcomes, focusing on composite adverse outcomes and survival analysis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015 , 149, S59-64 | 1.5 | 6 |
| 101 | Reprint of: Renal and visceral protection in thoracoabdominal aortic surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015 , 149, S130-3 | 1.5 | 6 |
| 100 | Retrograde Ascending Aortic Dissection After Thoracic Endovascular Aortic Repair for Distal Aortic Dissection or With Zone 0 Landing: Association, Risk Factors, and True Incidence. <i>Annals of Thoracic Surgery</i> , 2015 , 100, 509-15 | 2.7 | 17 |

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| 99 | Aortic Valve Repair. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2015 , 27, 271-87 | 1.7 | 6 |
| 98 | Total aortic arch replacement: A comparative study of zone 0 hybrid arch exclusion versus traditional open repair. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015 , 150, 1591-8; discussion 1598-600 | 1.5 | 56 |
| 97 | Saccular Aneurysms of the Transverse Aortic Arch: Treatment Options Available in the Endovascular Era Based on a Presentation at the 2013 VEITH Symposium, November 19-23, 2013 (New York, NY, USA). <i>Aorta</i> , 2015 , 3, 61-6 | 0.9 | 7 |
| 96 | Innominate artery cannulation for proximal aortic surgery: outcomes and neurological events in 263 patients. <i>European Journal of Cardio-thoracic Surgery</i> , 2015 , 48, 937-42; discussion 942 | 3 | 43 |
| 95 | Unilateral versus bilateral cerebral perfusion for acute type A aortic dissection. <i>Annals of Thoracic Surgery</i> , 2015 , 99, 80-7 | 2.7 | 45 |
| 94 | Valve-sparing aortic root replacement: early and midterm outcomes in 83 patients. <i>Annals of Thoracic Surgery</i> , 2014 , 97, 1267-73; discussion 1273-4 | 2.7 | 21 |
| 93 | Trends in use of off-pump coronary artery bypass grafting: Results from the Society of Thoracic Surgeons Adult Cardiac Surgery Database. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 148, 856-3, 864.e1; discussion 863-4 | 1.5 | 50 |
| 92 | Advanced atherosclerosis is associated with increased medial degeneration in sporadic ascending aortic aneurysms. <i>Atherosclerosis</i> , 2014 , 232, 361-8 | 3.1 | 11 |
| 91 | Homograft use in reoperative aortic root and proximal aortic surgery for endocarditis: A 12-year experience in high-risk patients. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 148, 989-94 | 1.5 | 28 |
| 90 | Acute type I aortic dissection: traditional versus hybrid repair with antegrade stent delivery to the descending thoracic aorta. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 148, 119-25 | 1.5 | 33 |
| 89 | Matrix metalloproteinase levels in chronic thoracic aortic dissection. <i>Journal of Surgical Research</i> , 2014 , 189, 348-58 | 2.5 | 36 |
| 88 | Endovascular repair of the ascending aorta: when and how to implement the current technology. <i>Annals of Thoracic Surgery</i> , 2014 , 97, 1555-60 | 2.7 | 57 |
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| 86 | Endovascular repair as a bridge to surgical repair of an aortobronchial fistula complicating chronic residual aortic dissection. <i>Texas Heart Institute Journal</i> , 2014 , 41, 198-202 | 0.8 | 7 |
| 85 | Left ventricular aneurysm repair with use of a bovine pericardial patch. <i>Texas Heart Institute Journal</i> , 2014 , 41, 407-10 | 0.8 | 4 |
| 84 | Self-expanding transcatheter aortic valve replacement using alternative access sites in symptomatic patients with severe aortic stenosis deemed extreme risk of surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 148, 2869-76.e1-7 | 1.5 | 51 |
| 83 | Outcomes of open distal aortic aneurysm repair in patients with chronic DeBakey type I dissection. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 148, 2986-93.e1-2 | 1.5 | 9 |
| 82 | Reoperations on the total aortic arch in 119 patients: short- and mid-term outcomes, focusing on composite adverse outcomes and survival analysis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 148, 2967-72 | 1.5 | 16 |

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| 81 | Renal and visceral protection in thoracoabdominal aortic surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 148, 2963-6 | 1.5 | 31 |
| 80 | Endovascular therapy in patients with genetically triggered thoracic aortic disease: applications and short- and mid-term outcomes. <i>European Journal of Cardio-thoracic Surgery</i> , 2014 , 46, 248-53; discussion 253 | 3 | 22 |
| 79 | D-dimer levels remain elevated in acute aortic dissection after 24h. <i>Journal of Surgical Research</i> , 2014 , 191, 58-63 | 2.5 | 8 |
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| 77 | The Thoracoabdominal Aorta in Marfan Syndrome 2014 , 423-434 | | 2 |
| 76 | Molecular mechanisms of thoracic aortic dissection. <i>Journal of Surgical Research</i> , 2013 , 184, 907-24 | 2.5 | 137 |
| 75 | A brief history of aortic surgery: insight into distal aortic repair. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013 , 145, S123-5 | 1.5 | 5 |
| 74 | Cirrhosis as a moderator of outcomes in coronary artery bypass grafting and off-pump coronary artery bypass operations: a 12-year population-based study. <i>Annals of Thoracic Surgery</i> , 2013 , 96, 1310-1315 | 2.7 | 31 |
| 73 | Complications of cerebrospinal fluid drainage after thoracic aortic surgery: a review of 504 patients over 5 years. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013 , 146, 166-71 | 1.5 | 37 |
| 72 | Innominate artery cannulation: an alternative to femoral or axillary cannulation for arterial inflow in proximal aortic surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013 , 145, S191-6 | 1.5 | 53 |
| 71 | My heroes have always been cowboys. <i>Annals of Thoracic Surgery</i> , 2013 , 95, 1847-54 | 2.7 | 1 |
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| 69 | Update on repairs of the thoracoabdominal aorta. <i>Texas Heart Institute Journal</i> , 2013 , 40, 572-4 | 0.8 | 4 |
| 68 | Hybrid techniques for complex aortic arch surgery. <i>Texas Heart Institute Journal</i> , 2013 , 40, 568-71 | 0.8 | 9 |
| 67 | A meta-analysis of deep hypothermic circulatory arrest versus moderate hypothermic circulatory arrest with selective antegrade cerebral perfusion. <i>Annals of Cardiothoracic Surgery</i> , 2013 , 2, 148-58 | 4.7 | 87 |
| 66 | Thoracic or thoracoabdominal approaches to endovascular device removal and open aortic repair. <i>Annals of Thoracic Surgery</i> , 2012 , 93, 726-32; discussion 733 | 2.7 | 30 |
| 65 | Nationwide trends and regional/hospital variations in open versus endovascular repair of thoracoabdominal aortic aneurysms. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2012 , 144, 612-6 | 1.5 | 19 |
| 64 | Thoracoabdominal aortic aneurysm repair with a branched graft. <i>Annals of Cardiothoracic Surgery</i> , 2012 , 1, 381-93 | 4.7 | 27 |

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| 62 | Open aortic arch surgery: doomed to extinction?. <i>Texas Heart Institute Journal</i> , 2012 , 39, 836-7 | 0.8 | 1 |
| 61 | Extent II repair of thoracoabdominal aortic aneurysm secondary to chronic dissection. <i>Annals of Cardiothoracic Surgery</i> , 2012 , 1, 394-7 | 4.7 | 16 |
| 60 | Open aortic arch replacement: a technical odyssey. <i>Journal of Extra-Corporeal Technology</i> , 2012 , 44, P42-3.4 | 0.4 | 4 |
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| 58 | Open repair of thoracoabdominal aortic aneurysm in the modern surgical era: contemporary outcomes in 509 patients. <i>Journal of the American College of Surgeons</i> , 2011 , 212, 569-79; discussion 579-81 | 4.4 | 128 |
| 57 | Early outcomes after aortic arch replacement by using the Y-graft technique. <i>Annals of Thoracic Surgery</i> , 2011 , 91, 700-7; discussion 707-8 | 2.7 | 49 |
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| 54 | Understanding Open Repair of the Descending Thoracic and Thoracoabdominal Aorta 2011 , 195-210 | | |
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| 51 | Rare copy number variants disrupt genes regulating vascular smooth muscle cell adhesion and contractility in sporadic thoracic aortic aneurysms and dissections. <i>American Journal of Human Genetics</i> , 2010 , 87, 743-56 | 11 | 64 |
| 50 | Strategies for renal and visceral protection in thoracoabdominal aortic surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2010 , 140, S147-9; discussion S185-S190 | 1.5 | 17 |
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| 47 | Endovascular repair of aortic aneurysm: complications and mitigating strategies. <i>Texas Heart Institute Journal</i> , 2010 , 37, 669-71 | 0.8 | |
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| 23 | A new predictive model for adverse outcomes after elective thoracoabdominal aortic aneurysm repair. <i>Annals of Thoracic Surgery</i> , 2001 , 71, 1233-8 | 2.7 | 85 |
| 22 | Mortality and paraplegia after thoracoabdominal aortic aneurysm repair: a risk factor analysis. <i>Annals of Thoracic Surgery</i> , 2000 , 69, 409-14 | 2.7 | 277 |
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| 6 | Primary aorto-esophageal fistula from aortic aneurysm: Successful surgical treatment by use of omental pedicle graft. <i>Journal of Vascular Surgery</i> , 1990 , 12, 269-277 | 3.5 | 61 |
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