

Joseph S Coselli

List of Publications by Year in descending order

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Version: 2024-02-01

319
papers

15,308
citations

22099

59
h-index

19136

118
g-index

322
all docs

322
docs citations

322
times ranked

6609
citing authors

#	ARTICLE	IF	CITATIONS
1	Experience with 1509 patients undergoing thoracoabdominal aortic operations. <i>Journal of Vascular Surgery</i> , 1993, 17, 357-370.	0.6	1,044
2	Thoracoabdominal aortic aneurysms: Preoperative and intraoperative factors determining immediate and long-term results of operations in 605 patients. <i>Journal of Vascular Surgery</i> , 1986, 3, 389-404.	0.6	853
3	Experience with 1509 patients undergoing thoracoabdominal aortic operations. <i>Journal of Vascular Surgery</i> , 1993, 17, 357-370.	0.6	756
4	Cerebrospinal fluid drainage reduces paraplegia after thoracoabdominal aortic aneurysm repair: Results of a randomized clinical trial. <i>Journal of Vascular Surgery</i> , 2002, 35, 631-639.	0.6	640
5	Replacement of the Aortic Root in Patients with Marfan's Syndrome. <i>New England Journal of Medicine</i> , 1999, 340, 1307-1313.	13.9	599
6	Deep hypothermia with circulatory arrest. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1993, 106, 19-31.	0.4	562
7	Outcomes of 3309 thoracoabdominal aortic aneurysm repairs. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016, 151, 1323-1338.	0.4	463
8	Open Surgical Repair of 2286 Thoracoabdominal Aortic Aneurysms. <i>Annals of Thoracic Surgery</i> , 2007, 83, S862-S864.	0.7	444
9	Mortality and paraplegia after thoracoabdominal aortic aneurysm repair: a risk factor analysis. <i>Annals of Thoracic Surgery</i> , 2000, 69, 409-414.	0.7	334
10	Asprosin, a Fasting-Induced Glucogenic Protein Hormone. <i>Cell</i> , 2016, 165, 566-579.	13.5	324
11	A prospective randomized study of cerebrospinal fluid drainage to prevent paraplegia after high-risk surgery on the thoracoabdominal aorta. <i>Journal of Vascular Surgery</i> , 1991, 13, 36-46.	0.6	307
12	The impact of distal aortic perfusion and somatosensory evoked potential monitoring on prevention of paraplegia after aortic aneurysm operation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1988, 95, 357-367.	0.4	230
13	Surgery for acute dissection of ascending aorta. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1992, 104, 46-59.	0.4	212
14	Morbidity and mortality after extent II thoracoabdominal aortic aneurysm repair. <i>Annals of Thoracic Surgery</i> , 2002, 73, 1107-1116.	0.7	209
15	Diffuse Aneurysmal Disease (Chronic Aortic Dissection, Marfan, and Mega Aorta Syndromes) and Multiple Aneurysm. <i>Annals of Surgery</i> , 1990, 211, 521-537.	2.1	207
16	Thoracoabdominal aortic aneurysm repair: review and update of current strategies. <i>Annals of Thoracic Surgery</i> , 2002, 74, S1881-S1884.	0.7	205
17	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.	0.4	202
18	Left heart bypass reduces paraplegia rates after thoracoabdominal aortic aneurysm repair. <i>Annals of Thoracic Surgery</i> , 1999, 67, 1931-1934.	0.7	194

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19	Molecular mechanisms of thoracic aortic dissection. <i>Journal of Surgical Research</i> , 2013, 184, 907-924.	0.8	182
20	Renal perfusion during thoracoabdominal aortic operations: cold crystalloid is superior to normothermic blood. <i>Annals of Thoracic Surgery</i> , 2002, 73, 730-738.	0.7	174
21	Fibrillin-1 (FBN1) Mutations in Patients With Thoracic Aortic Aneurysms. <i>Circulation</i> , 1996, 94, 2708-2711.	1.6	172
22	Superior nationwide outcomes of endovascular versus open repair for isolated descending thoracic aortic aneurysm in 11,669 patients. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2010, 140, 1001-1010.	0.4	164
23	The Elephant Trunk Technique for Staged Repair of Complex Aneurysms of the Entire Thoracic Aorta. <i>Annals of Thoracic Surgery</i> , 2006, 81, 1561-1569.	0.7	161
24	Partial cardiopulmonary bypass, hypothermic circulatory arrest, and posterolateral exposure for thoracic aortic aneurysm operation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1987, 94, 824-827.	0.4	157
25	Randomized comparison of cold blood and cold crystalloid renal perfusion for renal protection during thoracoabdominal aortic aneurysm repair. <i>Journal of Vascular Surgery</i> , 2009, 49, 11-19.	0.6	152
26	A prospective randomized study of cerebrospinal fluid drainage to prevent paraplegia after high-risk surgery on the thoracoabdominal aorta. <i>Journal of Vascular Surgery</i> , 1991, 13, 36-46.	0.6	149
27	Left heart bypass during descending thoracic aortic aneurysm repair does not reduce the incidence of paraplegia. <i>Annals of Thoracic Surgery</i> , 2004, 77, 1298-1303.	0.7	148
28	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, 569-579.	0.2	147
29	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.	0.4	145
30	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.	1.6	145
31	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.	0.4	145
32	Appraisal of adjuncts to prevent acute renal failure after surgery on the thoracic or thoracoabdominal aorta. <i>Journal of Vascular Surgery</i> , 1989, 10, 230-239.	0.6	139
33	Results of open thoracoabdominal aortic aneurysm repair. <i>Annals of Cardiothoracic Surgery</i> , 2012, 1, 286-92.	0.6	136
34	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.	0.6	124
35	Critical Role of Cytosolic DNA and Its Sensing Adaptor STING in Aortic Degeneration, Dissection, and Rupture. <i>Circulation</i> , 2020, 141, 42-66.	1.6	123
36	Spectrum of Aortic Operations in 300 Patients With Confirmed or Suspected Marfan Syndrome. <i>Annals of Thoracic Surgery</i> , 2006, 81, 2063-2078.	0.7	120

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37	Prospective randomized study of a protein-based tissue adhesive used as a hemostatic and structural adjunct in cardiac and vascular anastomotic repair procedures. <i>Journal of the American College of Surgeons</i> , 2003, 197, 243-252.	0.2	114
38	Early and 1-year outcomes of aortic root surgery in patients with Marfan syndrome: A prospective, multicenter, comparative study. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 147, 1758-1767.e4.	0.4	106
39	The use of left heart bypass in the repair of thoracoabdominal aortic aneurysms: current techniques and results. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2003, 15, 326-332.	0.4	105
40	A new predictive model for adverse outcomes after elective thoracoabdominal aortic aneurysm repair. <i>Annals of Thoracic Surgery</i> , 2001, 71, 1233-1238.	0.7	103
41	Thoracoabdominal aortic aneurysms associated with celiac, superior mesenteric, and renal artery occlusive disease: Methods and analysis of results in 271 patients. <i>Journal of Vascular Surgery</i> , 1992, 16, 378-390.	0.6	100
42	Delayed Spinal Cord Deficits After Thoracoabdominal Aortic Aneurysm Repair. <i>Annals of Thoracic Surgery</i> , 2007, 83, 1345-1355.	0.7	92
43	Open repair of thoracoabdominal aortic aneurysms in experienced centers. <i>Journal of Vascular Surgery</i> , 2018, 68, 634-645.e12.	0.6	88
44	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, 1591-1600.	0.4	87
45	Effect of Ciprofloxacin on Susceptibility to Aortic Dissection and Rupture in Mice. <i>JAMA Surgery</i> , 2018, 153, e181804.	2.2	82
46	Thoracoabdominal Aortic Aneurysms: Experience with 372 Patients. <i>Journal of Cardiac Surgery</i> , 1994, 9, 638-647.	0.3	80
47	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, 743-756.	2.6	76
48	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, 856-864.e1.	0.4	76
49	NLRP3 (Nucleotide Oligomerization Domain-Like Receptor Family, Pyrin Domain Containing) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Biology, 2017, 37, 694-706.	1.1	74
50	Hypothermic Circulatory Arrest: Safety and Efficacy in the Operative Treatment of Descending and Thoracoabdominal Aortic Aneurysms. <i>Annals of Thoracic Surgery</i> , 2008, 85, 956-964.	0.7	73
51	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.	0.4	70
52	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.	0.6	69
53	Endovascular Repair of the Ascending Aorta: When and How to Implement the Current Technology. <i>Annals of Thoracic Surgery</i> , 2014, 97, 1555-1560.	0.7	69
54	Valve-sparing and valve-replacing techniques for aortic root replacement in patients with Marfan syndrome: Analysis of early outcome. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2009, 137, 1124-1132.	0.4	68

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55	Unilateral Versus Bilateral Cerebral Perfusion for Acute Type A Aortic Dissection. <i>Annals of Thoracic Surgery</i> , 2015, 99, 80-87.	0.7	67
56	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.	0.6	65
57	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.	1.6	64
58	Organ Protection During Thoracoabdominal Aortic Surgery: Rationale for a Multimodality Approach. <i>Seminars in Cardiothoracic and Vascular Anesthesia</i> , 2005, 9, 143-149.	0.4	63
59	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-S196.	0.4	62
60	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, 2869-2876.e7.	0.4	62
61	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.	3.0	62
62	Impact of Previous Thoracic Aneurysm Repair on Thoracoabdominal Aortic Aneurysm Management. <i>Annals of Thoracic Surgery</i> , 1997, 64, 639-650.	0.7	60
63	Critical Role of ADAMTS-4 in the Development of Sporadic Aortic Aneurysm and Dissection in Mice. <i>Scientific Reports</i> , 2017, 7, 12351.	1.6	60
64	Early Outcomes After Aortic Arch Replacement by Using the Y-Graft Technique. <i>Annals of Thoracic Surgery</i> , 2011, 91, 700-708.	0.7	58
65	Innominate artery cannulation for proximal aortic surgery: outcomes and neurological events in 263 patients. <i>European Journal of Cardio-thoracic Surgery</i> , 2015, 48, 937-942.	0.6	56
66	Preliminary report of localization of spinal cord blood supply by hydrogen during aortic operations. <i>Annals of Thoracic Surgery</i> , 1990, 49, 528-536.	0.7	54
67	Extent II Thoracoabdominal Aortic Aneurysm Repair: How I Do It. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2016, 28, 221-237.	0.4	53
68	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, 166-171.	0.4	51
69	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, 119-125.	0.4	49
70	Tips for Successful Outcomes for Descending Thoracic and Thoracoabdominal Aortic Aneurysm Procedures. <i>Seminars in Vascular Surgery</i> , 2008, 21, 13-20.	1.1	48
71	Incidence, Cost, and Risk Factors for Readmission After Coronary Artery Bypass Grafting. <i>Annals of Thoracic Surgery</i> , 2019, 107, 1782-1789.	0.7	48
72	Matrix metalloproteinase levels in chronic thoracic aortic dissection. <i>Journal of Surgical Research</i> , 2014, 189, 348-358.	0.8	47

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73	Emergency surgery for thoracoabdominal aortic aneurysms with acute presentation. <i>Journal of Vascular Surgery</i> , 2002, 35, 1171-1178.	0.6	45
74	Results of Open Surgical Repair in Patients With Marfan Syndrome and Distal Aortic Dissection. <i>Annals of Thoracic Surgery</i> , 2016, 101, 2193-2201.	0.7	45
75	Sex-Based Aortic Dissection Outcomes From the International Registry of Acute Aortic Dissection. <i>Annals of Thoracic Surgery</i> , 2022, 113, 498-505.	0.7	45
76	Deployment of balloon expandable stents during open repair of thoracoabdominal aortic aneurysms: a new strategy for managing renal and mesenteric artery lesions*1. <i>European Journal of Cardio-thoracic Surgery</i> , 2004, 26, 599-607.	0.6	44
77	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.	0.7	42
78	Renal and visceral protection in thoracoabdominal aortic surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 148, 2963-2966.	0.4	42
79	Open aortic surgery after thoracic endovascular aortic repair. <i>General Thoracic and Cardiovascular Surgery</i> , 2016, 64, 441-449.	0.4	42
80	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.	0.4	42
81	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
82	Transcutaneous near-infrared spectroscopy for detection of regional spinal ischemia during intercostal artery ligation: Preliminary experimental results. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2006, 132, 1150-1155.	0.4	40
83	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.	0.9	38
84	Thoracic or Thoracoabdominal Approaches to Endovascular Device Removal and Open Aortic Repair. <i>Annals of Thoracic Surgery</i> , 2012, 93, 726-733.	0.7	37
85	Spinal cord deficit after 1114 extent II open thoracoabdominal aortic aneurysm repairs. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 159, 1-13.	0.4	37
86	Thoracoabdominal aortic aneurysm repair with a branched graft. <i>Annals of Cardiothoracic Surgery</i> , 2012, 1, 381-93.	0.6	37
87	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.	0.7	36
88	Inflammatory Cell Infiltrates in Acute and Chronic Thoracic Aortic Dissection. <i>Aorta</i> , 2013, 1, 259-267.	0.1	35
89	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, 989-994.	0.4	34
90	Open Repair of Thoracoabdominal Aortic Aneurysm in Patients 50 Years Old and Younger. <i>Annals of Thoracic Surgery</i> , 2017, 103, 1849-1857.	0.7	34

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91	The Reversed Elephant Trunk Technique Used for Treatment of Complex Aneurysms of the Entire Thoracic Aorta. <i>Annals of Thoracic Surgery</i> , 2005, 80, 2166-2172.	0.7	33
92	Contemporary outcomes of open thoracoabdominal aortic aneurysm repair in octogenarians. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015, 149, S134-S141.	0.4	33
93	Midterm Survival and Quality of Life After Extent II Thoracoabdominal Aortic Repair in Marfan Syndrome. <i>Annals of Thoracic Surgery</i> , 2016, 101, 1402-1409.	0.7	33
94	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, 248-253.	0.6	32
95	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.	0.4	32
96	Valve-Sparing Aortic Root Replacement: Early and Midterm Outcomes in 83 Patients. <i>Annals of Thoracic Surgery</i> , 2014, 97, 1267-1274.	0.7	31
97	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.	0.4	30
98	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.	0.4	30
99	Endovascular repair of thoracic aortic pseudoaneurysms and patch aneurysms. <i>Journal of Vascular Surgery</i> , 2010, 52, 1034-1037.	0.6	28
100	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.	0.6	27
101	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.	0.4	25
102	Perioperative care after thoracoabdominal aortic aneurysm repair: The Baylor College of Medicine experience. Part 2: Postoperative management. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 161, 699-705.	0.4	25
103	Motor Evoked Potentials in Thoracoabdominal Aortic Surgery: CON. <i>Cardiology Clinics</i> , 2010, 28, 361-368.	0.9	24
104	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, 612-616.	0.4	24
105	SMAD4 rare variants in individuals and families with thoracic aortic aneurysms and dissections. <i>European Journal of Human Genetics</i> , 2019, 27, 1054-1060.	1.4	24
106	Ciprofloxacin accelerates aortic enlargement and promotes dissection and rupture in Marfan mice. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 163, e215-e226.	0.4	24
107	Hemiarch and Total Arch Surgery in Patients With Previous Repair of Acute Type I Aortic Dissection. <i>Annals of Thoracic Surgery</i> , 2015, 100, 833-838.	0.7	23
108	Reoperative surgery on the thoracoabdominal aorta. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 155, 474-485.e1.	0.4	23

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109	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, 2967-2972.	0.4	22
110	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, 509-515.	0.7	21
111	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.	0.4	21
112	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, 2986-2994.e2.	0.4	20
113	Early versus late inpatient awake transcervical injection laryngoplasty after thoracic aortic repair. <i>Laryngoscope</i> , 2018, 128, 144-147.	1.1	20
114	Zone zero hybrid arch exclusion versus open total arch replacement. <i>Annals of Cardiothoracic Surgery</i> , 2018, 7, 372-379.	0.6	20
115	Strategies for renal and visceral protection in thoracoabdominal aortic surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2010, 140, S147-S149.	0.4	19
116	Advanced atherosclerosis is associated with increased medial degeneration in sporadic ascending aortic aneurysms. <i>Atherosclerosis</i> , 2014, 232, 361-368.	0.4	19
117	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.	0.7	19
118	Single-Cell Analysis of Aneurysmal Aortic Tissue in Patients with Marfan Syndrome Reveals Dysfunctional TGF- β Signaling. <i>Genes</i> , 2022, 13, 95.	1.0	19
119	Extent II repair of thoracoabdominal aortic aneurysm secondary to chronic dissection. <i>Annals of Cardiothoracic Surgery</i> , 2012, 1, 394-7.	0.6	18
120	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.	0.4	17
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.	0.4	17
122	Clinical Characteristics and Long-Term Outcomes of Midaortic Syndrome. <i>Annals of Vascular Surgery</i> , 2020, 66, 318-325.	0.4	17
123	Demographic Landscape of Cardiothoracic Surgeons and Residents at United States Training Programs. <i>Annals of Thoracic Surgery</i> , 2022, 114, 108-114.	0.7	17
124	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, 37, 1328-1339.	0.3	16
125	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-S64.	0.4	15
126	Differential aspects of ascending thoracic aortic dissection and its treatment: the North American experience. <i>Annals of Cardiothoracic Surgery</i> , 2016, 5, 352-359.	0.6	15

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127	Open Repair of Thoracoabdominal Aortic Aneurysm: Step-by-Step. Operative Techniques in Thoracic and Cardiovascular Surgery, 2018, 23, 2-20.	0.2	15
128	Tracheostomy After Thoracoabdominal Aortic Aneurysm Repair: Risk Factors and Outcomes. Annals of Thoracic Surgery, 2019, 108, 778-784.	0.7	15
129	Early-Stage Acute Kidney Injury Adversely Affects Thoracoabdominal Aortic Aneurysm Repair Outcomes. Annals of Thoracic Surgery, 2019, 107, 1720-1726.	0.7	15
130	Open Thoracoabdominal Aortic Repair in Patients With Heritable Aortic Disease in the GenTAC Registry. Annals of Thoracic Surgery, 2020, 109, 1378-1384.	0.7	15
131	ARISE: First-In-Human Evaluation of a Novel Stent Graft to Treat Ascending Aortic Dissection. Journal of Endovascular Therapy, 2023, 30, 550-560.	0.8	15
132	Aneurysmal dilation of the reimplant segment of the visceral vessels after thoracoabdominal aneurysm correction. Arquivos Brasileiros De Cardiologia, 2003, 81, 273-8.	0.3	14
133	Chronic Type I and Type III aortic dissections: a propensity analysis of outcomes after open distal repair. European Journal of Cardio-thoracic Surgery, 2018, 54, 510-516.	0.6	14
134	Systematic review and meta-analysis of surgical outcomes comparing mechanical valve replacement and bioprosthetic valve replacement in infective endocarditis. Annals of Cardiothoracic Surgery, 2019, 8, 587-599.	0.6	14
135	Midterm outcomes of aortic root surgery in patients with Marfan syndrome: A prospective, multicenter, comparative study. Journal of Thoracic and Cardiovascular Surgery, 2023, 165, 1790-1799.e12.	0.4	14
136	Contemporary Surgical Strategies for Acute Type A Aortic Dissection. Seminars in Thoracic and Cardiovascular Surgery, 2020, 32, 617-629.	0.4	14
137	Contemporary Outcomes After Partial Resection of Infected Aortic Grafts. Annals of Vascular Surgery, 2021, 76, 202-210.	0.4	13
138	Hybrid techniques for complex aortic arch surgery. Texas Heart Institute Journal, 2013, 40, 568-71.	0.1	13
139	What is the optimal timing for thoracic endovascular aortic repair in uncomplicated Type B aortic dissection?. Journal of Cardiac Surgery, 2022, 37, 993-1001.	0.3	13
140	Hybrid thoracoabdominal aortic aneurysm repair: is the future here?. Journal of Visualized Surgery, 2018, 4, 61-61.	0.2	12
141	Differential presentation in acuity and outcomes based on socioeconomic status in patients who undergo thoracoabdominal aortic aneurysm repair. Journal of Thoracic and Cardiovascular Surgery, 2022, 163, 1990-1998.e1.	0.4	12
142	Perioperative care after thoracoabdominal aortic aneurysm repair: The Baylor College of Medicine experience. Part 1: Preoperative considerations. Journal of Thoracic and Cardiovascular Surgery, 2021, 161, 693-698.	0.4	12
143	Evolution of aortic arch repair. Texas Heart Institute Journal, 2009, 36, 435-7.	0.1	12
144	Optimal circulatory arrest temperature for aortic hemiarch replacement with antegrade brain perfusion. Journal of Thoracic and Cardiovascular Surgery, 2023, 165, 1759-1770.e3.	0.4	12

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145	D-dimer levels remain elevated in acute aortic dissection after 24h. Journal of Surgical Research, 2014, 191, 58-63.	0.8	11
146	Feasibility of a proposed randomized trial in patients with uncomplicated descending thoracic aortic dissection: Results of worldwide survey. American Heart Journal, 2016, 181, 137-144.	1.2	11
147	Cardiac surgery and the coronavirus disease 2019 pandemic: What we know, what we do not know, and what we need to do. Journal of Thoracic and Cardiovascular Surgery, 2020, 160, 722-726.	0.4	11
148	Endovascular repair of the ascending aorta: the last frontier. Annals of Cardiothoracic Surgery, 2022, 11, 26-30.	0.6	11
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