

Scott A Lemaire

List of Publications by Year in descending order

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Version: 2024-02-01

311
papers

15,639
citations

17440

63
h-index

23533

111
g-index

324
all docs

324
docs citations

324
times ranked

12197
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.1	640
2	Video-assisted thoracoscopic lobectomy is associated with better perioperative outcomes than open lobectomy in a veteran population. <i>American Journal of Surgery</i> , 2012, 204, 607-612.	1.8	500
3	Mutations in Smooth Muscle Alpha-Actin (ACTA2) Cause Coronary Artery Disease, Stroke, and Moyamoya Disease, Along with Thoracic Aortic Disease. <i>American Journal of Human Genetics</i> , 2009, 84, 617-627.	6.2	466
4	Outcomes of 3309 thoracoabdominal aortic aneurysm repairs. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016, 151, 1323-1338.	0.8	463
5	Open Surgical Repair of 2286 Thoracoabdominal Aortic Aneurysms. <i>Annals of Thoracic Surgery</i> , 2007, 83, S862-S864.	1.3	444
6	Enhanced Cardiomyocyte NLRP3 Inflammasome Signaling Promotes Atrial Fibrillation. <i>Circulation</i> , 2018, 138, 2227-2242.	1.6	376
7	Mortality and paraplegia after thoracoabdominal aortic aneurysm repair: a risk factor analysis. <i>Annals of Thoracic Surgery</i> , 2000, 69, 409-414.	1.3	334
8	Asprosin, a Fasting-Induced Glucogenic Protein Hormone. <i>Cell</i> , 2016, 165, 566-579.	28.9	324
9	2016 The American Association for Thoracic Surgery (AATS) consensus guidelines: Surgical treatment of infective endocarditis: Executive summary. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 153, 1241-1258.e29.	0.8	280
10	Epidemiology of thoracic aortic dissection. <i>Nature Reviews Cardiology</i> , 2011, 8, 103-113.	13.7	272
11	Free Fatty Acids Inhibit Insulin Signaling-Stimulated Endothelial Nitric Oxide Synthase Activation Through Upregulating PTEN or Inhibiting Akt Kinase. <i>Diabetes</i> , 2006, 55, 2301-2310.	0.6	210
12	Morbidity and mortality after extent II thoracoabdominal aortic aneurysm repair. <i>Annals of Thoracic Surgery</i> , 2002, 73, 1107-1116.	1.3	209
13	Thoracoabdominal aortic aneurysm repair: review and update of current strategies. <i>Annals of Thoracic Surgery</i> , 2002, 74, S1881-S1884.	1.3	205
14	Activation of the AMPK-FOXO3 Pathway Reduces Fatty Acid-Induced Increase in Intracellular Reactive Oxygen Species by Upregulating Thioredoxin. <i>Diabetes</i> , 2009, 58, 2246-2257.	0.6	204
15	Left heart bypass reduces paraplegia rates after thoracoabdominal aortic aneurysm repair. <i>Annals of Thoracic Surgery</i> , 1999, 67, 1931-1934.	1.3	194
16	STING-IRF3 Triggers Endothelial Inflammation in Response to Free Fatty Acid-Induced Mitochondrial Damage in Diet-Induced Obesity. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 920-929.	2.4	189
17	Genome-wide association study identifies a susceptibility locus for thoracic aortic aneurysms and aortic dissections spanning FBN1 at 15q21.1. <i>Nature Genetics</i> , 2011, 43, 996-1000.	21.4	188
18	Molecular mechanisms of thoracic aortic dissection. <i>Journal of Surgical Research</i> , 2013, 184, 907-924.	1.6	182

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19	Renal perfusion during thoracoabdominal aortic operations: cold crystalloid is superior to normothermic blood. <i>Annals of Thoracic Surgery</i> , 2002, 73, 730-738.	1.3	174
20	Matrix metalloproteinases in ascending aortic aneurysms: Bicuspid versus trileaflet aortic valves ¹ . <i>Journal of Surgical Research</i> , 2005, 123, 40-48.	1.6	166
21	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.	0.8	164
22	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.	1.3	161
23	Consensus on hypothermia in aortic arch surgery. <i>Annals of Cardiothoracic Surgery</i> , 2013, 2, 163-8.	1.7	153
24	Paraplegia After Thoracoabdominal Aortic Aneurysm Repair: Is Dissection a Risk Factor?. <i>Annals of Thoracic Surgery</i> , 1997, 63, 28-36.	1.3	152
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.	1.1	152
26	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.	1.3	148
27	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.	0.5	147
28	International Registry of Patients Carrying <i>TGFBR1</i> or <i>TGFBR2</i> Mutations. <i>Circulation: Cardiovascular Genetics</i> , 2016, 9, 548-558.	5.1	145
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.	0.8	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	Results of open thoracoabdominal aortic aneurysm repair. <i>Annals of Cardiothoracic Surgery</i> , 2012, 1, 286-92.	1.7	136
32	Up-regulation of PTEN (Phosphatase and Tensin Homolog Deleted on Chromosome Ten) Mediates p38 MAPK Stress Signal-induced Inhibition of Insulin Signaling. <i>Journal of Biological Chemistry</i> , 2006, 281, 7727-7736.	3.4	130
33	Management of thoracic aortic graft infections. <i>Annals of Thoracic Surgery</i> , 1999, 67, 1990-1993.	1.3	126
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.	1.7	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.	1.3	120

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37	Aortic Disease Presentation and Outcome Associated With <i>ACTA2</i> Mutations. <i>Circulation: Cardiovascular Genetics</i> , 2015, 8, 457-464.	5.1	117
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.	0.8	106
39	Estimating group mortality and paraplegia rates after thoracoabdominal aortic aneurysm repair. <i>Annals of Thoracic Surgery</i> , 2003, 75, 508-513.	1.3	104
40	A new predictive model for adverse outcomes after elective thoracoabdominal aortic aneurysm repair. <i>Annals of Thoracic Surgery</i> , 2001, 71, 1233-1238.	1.3	103
41	Increased Collagen Deposition and Elevated Expression of Connective Tissue Growth Factor in Human Thoracic Aortic Dissection. <i>Circulation</i> , 2006, 114, I-200-I-205.	1.6	102
42	Bioglue surgical adhesive impairs aortic growth and causes anastomotic strictures. <i>Annals of Thoracic Surgery</i> , 2002, 73, 1500-1506.	1.3	100
43	Up-regulation of thioredoxin interacting protein (Txnip) by p38 MAPK and FOXO1 contributes to the impaired thioredoxin activity and increased ROS in glucose-treated endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2009, 381, 660-665.	2.1	97
44	Delayed Spinal Cord Deficits After Thoracoabdominal Aortic Aneurysm Repair. <i>Annals of Thoracic Surgery</i> , 2007, 83, 1345-1355.	1.3	92
45	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.	0.8	87
46	Recurrent Chromosome 16p13.1 Duplications Are a Risk Factor for Aortic Dissections. <i>PLoS Genetics</i> , 2011, 7, e1002118.	3.5	86
47	Aortic Dissection in Patients With Genetically Mediated Aneurysms. <i>Journal of the American College of Cardiology</i> , 2016, 67, 2744-2754.	2.8	84
48	Moderate hypothermia during aortic arch surgery is associated with reduced risk of early mortality. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013, 146, 662-667.	0.8	82
49	Effect of Ciprofloxacin on Susceptibility to Aortic Dissection and Rupture in Mice. <i>JAMA Surgery</i> , 2018, 153, e181804.	4.3	82
50	AKT2 Confers Protection Against Aortic Aneurysms and Dissections. <i>Circulation Research</i> , 2013, 112, 618-632.	4.5	79
51	On-Pump Versus Off-Pump Coronary Artery Bypass Grafting in a Cohort of 63,000 Patients. <i>Annals of Thoracic Surgery</i> , 2009, 87, 1820-1827.	1.3	77
52	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.	6.2	76
53	The Threat of Adhesive Embolization: BioGlue Leaks Through Needle Holes in Aortic Tissue and Prosthetic Grafts. <i>Annals of Thoracic Surgery</i> , 2005, 80, 106-111.	1.3	74
54	Staged Versus Synchronous Carotid Endarterectomy and Coronary Artery Bypass Grafting: Analysis of 10-Year Nationwide Outcomes. <i>Annals of Thoracic Surgery</i> , 2011, 91, 1323-1329.	1.3	74

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55	NLRP3 (Nucleotide Oligomerization Domain-Like Receptor Family, Pyrin Domain Containing) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Biology, 2017, 37, 694-706.	2.4	74
56	Genetic Variants in LRP1 and ULK4 Are Associated with Acute Aortic Dissections. American Journal of Human Genetics, 2016, 99, 762-769.	6.2	73
57	Acute aortic dissection associated with use of cocaine. Journal of Vascular Surgery, 2007, 46, 427-433.	1.1	72
58	Endovascular versus open repair of ruptured descending thoracic aortic aneurysms: A nationwide risk-adjusted study of 923 patients. Journal of Thoracic and Cardiovascular Surgery, 2011, 142, 1010-1018.	0.8	71
59	Aortic Complications Associated With Pregnancy in Marfan Syndrome: The NHLBI National Registry of Genetically Triggered Thoracic Aortic Aneurysms and Cardiovascular Conditions (GenTAC). Journal of the American Heart Association, 2016, 5, .	3.7	71
60	Hypoalbuminemia and Long-Term Survival After Coronary Artery Bypass: A Propensity Score Analysis. Annals of Thoracic Surgery, 2011, 91, 671-675.	1.3	69
61	Thoracic Aortic Dissection: Are Matrix Metalloproteinases Involved?. Vascular, 2009, 17, 147-157.	0.9	68
62	Valve-sparing and valve-replacing techniques for aortic root replacement in patients with Marfan syndrome: Analysis of early outcome. Journal of Thoracic and Cardiovascular Surgery, 2009, 137, 1124-1132.	0.8	68
63	The July Effect: Impact of the Beginning of the Academic Cycle on Cardiac Surgical Outcomes in a Cohort of 70,616 Patients. Annals of Thoracic Surgery, 2009, 88, 70-75.	1.3	68
64	ADAMTS-1 and ADAMTS-4 Levels Are Elevated in Thoracic Aortic Aneurysms and Dissections. Annals of Thoracic Surgery, 2013, 95, 570-577.	1.3	68
65	Impact of Image Analysis Methodology on Diagnostic and Surgical Classification of Patients With Thoracic Aortic Aneurysms. Annals of Thoracic Surgery, 2011, 92, 904-912.	1.3	66
66	Targeting the NLRP3 Inflammasome With Inhibitor MCC950 Prevents Aortic Aneurysms and Dissections in Mice. Journal of the American Heart Association, 2020, 9, e014044.	3.7	64
67	Organ Protection During Thoracoabdominal Aortic Surgery: Rationale for a Multimodality Approach. Seminars in Cardiothoracic and Vascular Anesthesia, 2005, 9, 143-149.	1.0	63
68	Severe aortic and arterial aneurysms associated with a TGFBR2 mutation. Nature Clinical Practice Cardiovascular Medicine, 2007, 4, 167-171.	3.3	62
69	Does the Level of Experience of Residents Affect Outcomes of Coronary Artery Bypass Surgery?. Annals of Thoracic Surgery, 2009, 87, 1127-1134.	1.3	62
70	Impact of Previous Thoracic Aneurysm Repair on Thoracoabdominal Aortic Aneurysm Management. Annals of Thoracic Surgery, 1997, 64, 639-650.	1.3	60
71	Critical Role of ADAMTS-4 in the Development of Sporadic Aortic Aneurysm and Dissection in Mice. Scientific Reports, 2017, 7, 12351.	3.3	60
72	Early Outcomes After Aortic Arch Replacement by Using the Y-Graft Technique. Annals of Thoracic Surgery, 2011, 91, 700-708.	1.3	58

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73	Standardizing Clinical End Points in Aortic Arch Surgery. <i>Circulation</i> , 2014, 129, 1610-1616.	1.6	58
74	Associations of Age and Sex With Marfan Phenotype. <i>Circulation: Cardiovascular Genetics</i> , 2017, 10, .	5.1	57
75	A single nucleotide polymorphism in the matrix metalloproteinase 9 gene (âˆˆ8202A/G) is associated with thoracic aortic aneurysms and thoracic aortic dissection. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2006, 131, 1045-1052.	0.8	56
76	Options for managing infected ascending aortic grafts. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2007, 134, 839-843.	0.8	55
77	Nerve and Conduction Tissue Injury Caused by Contact with BioGlue. <i>Journal of Surgical Research</i> , 2007, 143, 286-293.	1.6	54
78	Endovascular Repair of a Right-Sided Descending Thoracic Aortic Aneurysm With a Right-Sided Aortic Arch and Aberrant Left Subclavian Artery. <i>Annals of Thoracic Surgery</i> , 2008, 85, 1074-1076.	1.3	54
79	Cholesterol-Induced Phenotypic Modulation of Smooth Muscle Cells to Macrophage/Fibroblast-like Cells Is Driven by an Unfolded Protein Response. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 302-316.	2.4	54
80	Autosomal and X chromosome structural variants are associated with congenital heart defects in Turner syndrome: The NHLBI GenTAC registry. <i>American Journal of Medical Genetics, Part A</i> , 2016, 170, 3157-3164.	1.2	53
81	Extent II Thoracoabdominal Aortic Aneurysm Repair: How I Do It. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2016, 28, 221-237.	0.6	53
82	Decreased expression of fibulin-5 correlates with reduced elastin in thoracic aortic dissection. <i>Surgery</i> , 2005, 138, 352-359.	1.9	52
83	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.	0.8	51
84	Thoracic Aortic Aneurysm Frequency and Dissection Are Associated With Fibrillin-1 Fragment Concentrations in Circulation. <i>Circulation Research</i> , 2013, 113, 1159-1168.	4.5	50
85	Aortic Aneurysms and Dissections Series. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, e37-e46.	2.4	49
86	Subsequent proximal aortic operations in 123 patients with previous infrarenal abdominal aortic aneurysm surgery. <i>Journal of Vascular Surgery</i> , 1995, 22, 59-67.	1.1	48
87	Tips for Successful Outcomes for Descending Thoracic and Thoracoabdominal Aortic Aneurysm Procedures. <i>Seminars in Vascular Surgery</i> , 2008, 21, 13-20.	2.8	48
88	Clinical Outcome of Staged Versus Combined Treatment Approach of Hybrid Repair of Thoracoabdominal Aortic Aneurysm With Visceral Vessel Debranching and Aortic Endograft Exclusion. <i>Perspectives in Vascular Surgery and Endovascular Therapy</i> , 2012, 24, 5-13.	0.6	48
89	Incidence, Cost, and Risk Factors for Readmission After Coronary Artery Bypass Grafting. <i>Annals of Thoracic Surgery</i> , 2019, 107, 1782-1789.	1.3	48
90	A meta-analysis of deep hypothermic circulatory arrest alone versus with adjunctive selective antegrade cerebral perfusion. <i>Annals of Cardiothoracic Surgery</i> , 2013, 2, 261-70.	1.7	48

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91	Matrix metalloproteinase levels in chronic thoracic aortic dissection. <i>Journal of Surgical Research</i> , 2014, 189, 348-358.	1.6	47
92	TNF- α Suppresses Prolyl-4-Hydroxylase β 1 Expression via the ASK1- JNK -NonO Pathway. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007, 27, 1760-1767.	2.4	46
93	Emergency surgery for thoracoabdominal aortic aneurysms with acute presentation. <i>Journal of Vascular Surgery</i> , 2002, 35, 1171-1178.	1.1	45
94	Long-term implications of emergency versus elective proximal aortic surgery in patients with Marfan syndrome in the Genetically Triggered Thoracic Aortic Aneurysms and Cardiovascular Conditions Consortium Registry. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2012, 143, 282-286.	0.8	45
95	Shared Genetic Risk Factors of Intracranial, Abdominal, and Thoracic Aneurysms. <i>Journal of the American Heart Association</i> , 2016, 5, .	3.7	45
96	Results of Open Surgical Repair in Patients With Marfan Syndrome and Distal Aortic Dissection. <i>Annals of Thoracic Surgery</i> , 2016, 101, 2193-2201.	1.3	45
97	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.	1.4	44
98	Molecular pathogenesis of genetic and sporadic aortic aneurysms and dissections. <i>Current Problems in Surgery</i> , 2017, 54, 95-155.	1.1	44
99	Exome-wide evaluation of rare coding variants using electronic health records identifies new gene-phenotype associations. <i>Nature Medicine</i> , 2021, 27, 66-72.	30.7	44
100	The July effect and cardiac surgery: the effect of the beginning of the academic cycle on outcomes. <i>American Journal of Surgery</i> , 2008, 196, 720-725.	1.8	43
101	Concomitant Colorectal Cancer and Abdominal Aortic Aneurysm: Evolution of Treatment Paradigm in the Endovascular Era. <i>Journal of the American College of Surgeons</i> , 2008, 206, 1065-1073.	0.5	42
102	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.	1.3	42
103	Heritable Thoracic Aortic Disease Genes in Sporadic Aortic Dissection. <i>Journal of the American College of Cardiology</i> , 2017, 70, 2728-2730.	2.8	42
104	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.	0.8	42
105	Proximal aortic reoperations in patients with composite valve grafts. <i>Annals of Thoracic Surgery</i> , 2002, 74, S1777-S1780.	1.3	41
106	GenTAC registry report: Gender differences among individuals with genetically triggered thoracic aortic aneurysm and dissection. <i>American Journal of Medical Genetics, Part A</i> , 2013, 161, 779-786.	1.2	41
107	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.	0.8	40
108	Human Prolyl-4-hydroxylase β 1 (β 1) Transcription Is Mediated by Upstream Stimulatory Factors. <i>Journal of Biological Chemistry</i> , 2006, 281, 10849-10855.	3.4	40

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109	Axillary Artery Cannulation in Surgery for Acute or Subacute Ascending Aortic Dissections. <i>Annals of Thoracic Surgery</i> , 2010, 90, 731-737.	1.3	40
110	SURGICAL TECHNIQUES. <i>Cardiology Clinics</i> , 1999, 17, 751-765.	2.2	39
111	Impact of ACGME Work-Hour Restrictions on the Outcomes of Coronary Artery Bypass Grafting in a Cohort of 600,000 Patients. <i>Journal of Surgical Research</i> , 2010, 163, 201-209.	1.6	39
112	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.	1.8	38
113	Notch Signaling in Descending Thoracic Aortic Aneurysm and Dissection. <i>PLoS ONE</i> , 2012, 7, e52833.	2.5	37
114	Thoracic or Thoracoabdominal Approaches to Endovascular Device Removal and Open Aortic Repair. <i>Annals of Thoracic Surgery</i> , 2012, 93, 726-733.	1.3	37
115	Endovascular thoracic aortic repair in confirmed or suspected genetically triggered thoracic aortic dissection. <i>Journal of Vascular Surgery</i> , 2018, 68, 364-371.	1.1	37
116	Spinal cord deficit after 1114 extent II open thoracoabdominal aortic aneurysm repairs. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 159, 1-13.	0.8	37
117	Thoracoabdominal aortic aneurysm repair with a branched graft. <i>Annals of Cardiothoracic Surgery</i> , 2012, 1, 381-93.	1.7	37
118	Marfan syndrome: The variability and outcome of operative management. <i>Journal of Vascular Surgery</i> , 1995, 21, 432-443.	1.1	36
119	The Impact of Peripheral Vascular Disease on Long-Term Survival After Coronary Artery Bypass Graft Surgery. <i>Annals of Thoracic Surgery</i> , 2008, 86, 1175-1180.	1.3	36
120	Article Commentary: Managing Dissections of the Thoracic Aorta. <i>American Surgeon</i> , 2008, 74, 364-380.	0.8	36
121	Aortic Dilatation Associated With Bicuspid Aortic Valve: Relation to Sex, Hemodynamics, and Valve Morphology (the National Heart Lung and Blood Institute-Sponsored National Registry of Genetically) <i>Tj ETQq1 1 0,784314 rgBT /Over</i> <i>Cardiology</i> . 2017. 120. 1171-1175.	1.6	36
122	An Academic Relative Value Unit System for Incentivizing the Academic Productivity of Surgery Faculty Members. <i>Annals of Surgery</i> , 2018, 268, 526-533.	4.2	36
123	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.	1.3	36
124	Discussion: Session 1â€”Ascending Aorta. <i>Annals of Thoracic Surgery</i> , 2002, 74, S1792-S1799.	1.3	35
125	Does the duration of surgery affect outcomes in patients undergoing coronary artery bypass grafting?. <i>American Journal of Surgery</i> , 2008, 196, 652-656.	1.8	35
126	Inflammatory Cell Infiltrates in Acute and Chronic Thoracic Aortic Dissection. <i>Aorta</i> , 2013, 1, 259-267.	0.5	35

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127	Programmed cell death in aortic aneurysm and dissection: A potential therapeutic target. <i>Journal of Molecular and Cellular Cardiology</i> , 2022, 163, 67-80.	1.9	35
128	The National Registry of Genetically Triggered Thoracic Aortic Aneurysms and Cardiovascular Conditions (GenTAC): Results from phase I and scientific opportunities in phase II. <i>American Heart Journal</i> , 2011, 162, 627-632.e1.	2.7	34
129	Open Repair of Thoracoabdominal Aortic Aneurysm in Patients 50 Years Old and Younger. <i>Annals of Thoracic Surgery</i> , 2017, 103, 1849-1857.	1.3	34
130	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.	1.3	33
131	<i>FBN1</i> mutations in patients with descending thoracic aortic dissections. <i>American Journal of Medical Genetics, Part A</i> , 2010, 152A, 413-416.	1.2	33
132	Contemporary outcomes of open thoracoabdominal aortic aneurysm repair in octogenarians. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015, 149, S134-S141.	0.8	33
133	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.	1.3	33
134	Severe Aortic Stenosis in a Veteran Population: Treatment Considerations and Survival. <i>Annals of Thoracic Surgery</i> , 2010, 89, 453-458.	1.3	32
135	Open Aortic Arch Repair: State-of-the-Art and Future Perspectives. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2013, 25, 107-115.	0.6	32
136	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.	0.8	32
137	Valve-Sparing Aortic Root Replacement: Early and Midterm Outcomes in 83 Patients. <i>Annals of Thoracic Surgery</i> , 2014, 97, 1267-1274.	1.3	31
138	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.	0.8	30
139	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.	0.8	30
140	An entirely endovascular approach to the repair of an ascending aortic pseudoaneurysm. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2007, 133, 562-563.	0.8	29
141	The ARCH Projects: design and rationale (IAASSG 001). <i>European Journal of Cardio-thoracic Surgery</i> , 2014, 45, 10-16.	1.4	29
142	MKL1 cooperates with p38MAPK to promote vascular senescence, inflammation, and abdominal aortic aneurysm. <i>Redox Biology</i> , 2021, 41, 101903.	9.0	29
143	Endovascular repair of thoracic aortic pseudoaneurysms and patch aneurysms. <i>Journal of Vascular Surgery</i> , 2010, 52, 1034-1037.	1.1	28
144	Patients at Risk for Aortic Rupture Often Exposed to Fluoroquinolones during Hospitalization. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	28

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145	Stem Cells in Thoracic Aortic Aneurysms and Dissections: Potential Contributors to Aortic Repair. <i>Annals of Thoracic Surgery</i> , 2012, 93, 1524-1533.	1.3	27
146	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.	1.1	27
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