Hazim J Safi

List of Publications by Year
in descending order

195 papers	18,005 citations	10373 72 h-index	12933 131 g-index
206 all docs	206 docs citations	206 times ranked	7972 citing authors

#	Article	IF	Citations
1	Experience with 1509 patients undergoing thoracoabdominal aortic operations. Journal of Vascular Surgery, 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. Journal of Vascular Surgery, 1986, 3, 389-404.	0.6	853
3	Expert Consensus Document on the Treatment of Descending Thoracic Aortic Disease Using Endovascular Stent-GraftsâŽâŽExpert Consensus Document on the Treatment of Descending Thoracic Aortic Disease Using Endovascular Stent-Grafts has been supported by Unrestricted Educational Grants from Cook, Inc and Medtronic, Inc.. Annals of Thoracic Surgery, 2008, 85, S1-S41.	0.7	796
4	Mutations in smooth muscle Î±-actin (ACTA2) lead to thoracic aortic aneurysms and dissections. Nature Genetics, 2007, 39, 1488-1493.	9.4	767
5	Deep hypothermia with circulatory arrest. Journal of Thoracic and Cardiovascular Surgery, 1993, 106, 19-31.	0.4	562
6	Mutations in Smooth Muscle Alpha-Actin (ACTA2) Cause Coronary Artery Disease, Stroke, and Moyamoya Disease, Along with Thoracic Aortic Disease. American Journal of Human Genetics, 2009, 84, 617-627.	2.6	466
7	The Society for Vascular Surgery Practice Guidelines: Management of the left subclavian artery with thoracic endovascular aortic repair. Journal of Vascular Surgery, 2009, 50, 1155-1158.	0.6	365
8	Blunt traumatic aortic injury: Initial experience with endovascular repair. Journal of Vascular Surgery, 2009, 49, 1403-1408.	0.6	342
9	Mutations in Transforming Growth Factor-Î² Receptor Type II Cause Familial Thoracic Aortic Aneurysms and Dissections. Circulation, 2005, 112, 513-520.	1.6	335
10	In situ prosthetic graft replacement for mycotic aneurysm of the aorta. Annals of Thoracic Surgery, 1989, 47, 193-203.	0.7	331
11	A prospective randomized study of cerebrospinal fluid drainage to prevent paraplegia after high-risk surgery on the thoracoabdominal aorta. Journal of Vascular Surgery, 1991, 13, 36-46.	0.6	307
12	Surgical treatment of aneurysm and/or dissection of the ascending aorta, transverse aortic arch, and ascending aorta and transverse aortic arch. Journal of Thoracic and Cardiovascular Surgery, 1989, 98, 659-674.	0.4	298
13	Distal Aortic Perfusion and Cerebrospinal Fluid Drainage for Thoracoabdominal and Descending Thoracic Aortic Repair. Annals of Surgery, 2003, 238, 372-381.	2.1	279
14	Characterization of the inflammatory and apoptotic cells in the aortas of patients with ascending thoracic aortic aneurysms and dissections. Journal of Thoracic and Cardiovascular Surgery, 2006, 131, 671-678.e2.	0.4	274
15	Importance of intercostal artery reattachment during thoracoabdominal aortic aneurysm repair. Journal of Vascular Surgery, 1998, 27, 58-68.	0.6	266
16	MYH11 mutations result in a distinct vascular pathology driven by insulin-like growth factor 1 and angiotensin II. Human Molecular Genetics, 2007, 16, 2453-2462.	1.4	243
17	The impact of distal aortic perfusion and somatosensory evoked potential monitoring on prevention of paraplegia after aortic aneurysm operation. Journal of Thoracic and Cardiovascular Surgery, 1988, 95, 357-367.	0.4	230
18	Variables Predictive of Outcome in 832 Patients Undergoing Repairs of the Descending Thoracic Aorta. Chest, 1993, 104, 1248-1253.	0.4	225

#	Article	IF	Citations
19	Descending Thoracic Aortic Aneurysm Repair: 12-Year Experience Using Distal Aortic Perfusion and Cerebrospinal Fluid Drainage. Annals of Thoracic Surgery, 2005, 80, 1290-1296.	0.7	213
20	Diffuse Aneurysmal Disease (Chronic Aortic Dissection, Marfan, and Mega Aorta Syndromes) and Multiple Aneurysm. Annals of Surgery, 1990, 211, 521-537.	2.1	207
21	Composite valve graft replacement of the proximal aorta: Comparison of techniques in 348 patients. Annals of Thoracic Surgery, 1992, 54, 427-439.	0.7	194
22	Cerebrospinal fluid drainage and distal aortic perfusion: Reducing neurologic complications in repair of thoracoabdominal aortic aneurysm types I and II. Journal of Vascular Surgery, 1996, 23, 223-229.	0.6	193
23	Genome-wide association study identifies a susceptibility locus for thoracic aortic aneurysms and aortic dissections spanning FBN1 at 15q21.1. Nature Genetics, 2011, 43, 996-1000.	9.4	188
24	Outcomes of Medical Management of Acute Type B Aortic Dissection. Circulation, 2006, 114, I-384-I-389.	1.6	184
25	Influence of segmental arteries, extent, and atriofemoral bypass on postoperative paraplegia after thoracoabdominal aortic operations. Journal of Vascular Surgery, 1994, 20, 255-262.	0.6	180
26	LOX Mutations Predispose to Thoracic Aortic Aneurysms and Dissections. Circulation Research, 2016, 118, 928-934.	2.0	180
27	Cerebrospinal Fluid Drainage During Thoracic Aortic Repair: Safety and Current Management. Annals of Thoracic Surgery, 2009, 88, 9-15.	0.7	176
28	Aortic Dissection and Dissecting Aortic Aneurysms. Annals of Surgery, 1988, 208, 254-273.	2.1	175
29	Predictive factors for acute renal failure in thoracic and thoracoabdominal aortic aneurysm surgery. Journal of Vascular Surgery, 1996, 24, 338-345.	0.6	168
30	Neurologic deficit in patients at high risk with thoracoabdominal aortic aneurysms: The role of cerebral spinal fluid drainage and distal aortic perfusion. Journal of Vascular Surgery, 1994, 20, 434-443.	0.6	167
31	Partial cardiopulmonary bypass, hypothermic circulatory arrest, and posterolateral exposure for thoracic aortic aneurysm operation. Journal of Thoracic and Cardiovascular Surgery, 1987, 94, 824-827.	0.4	157
32	Descending thoracic aortic aneurysm: surgical approach and treatment using the adjuncts cerebrospinal fluid drainage and distal aortic perfusion. Annals of Thoracic Surgery, 2001, 72, 481-486.	0.7	156
33	A prospective study of respiratory failure after high-risk surgery on the thoracoabdominal aorta. Journal of Vascular Surgery, 1991, 14, 271-282.	0.6	155
34	A prospective randomized study of cerebrospinal fluid drainage to prevent paraplegia after high-risk surgery on the thoracoabdominal aorta. Journal of Vascular Surgery, 1991, 13, 36-46.	0.6	149
35	Spinal cord protection in descending thoracic and thoracoabdominal aortic repair. Annals of Thoracic Surgery, 1999, 67, 1937-1939.	0.7	148
36	Acute type A aortic dissection complicated by stroke: Can immediate repair be performed safely?. Journal of Thoracic and Cardiovascular Surgery, 2006, 132, 1404-1408.	0.4	147

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37	Neurologic outcome after thoracic and thoracoabdominal aortic aneurysm repair. Annals of Thoracic Surgery, 2001, 72, 1225-1231.	0.7	146
38	Appraisal of adjuncts to prevent acute renal failure after surgery on the thoracic or thoracoabdominal aorta. Journal of Vascular Surgery, 1989, 10, 230-239.	0.6	139
39	Brain protection via cerebral retrograde perfusion during aortic arch aneurysm repair. Annals of Thoracic Surgery, 1993, 56, 270-276.	0.7	138
40	Treatment of postoperative infection of ascending aorta and transverse aortic arch, including use of viable omentum and muscle flaps. Annals of Thoracic Surgery, 1990, 50, 868-881.	0.7	130
41	Staged Repair of Extensive Aortic Aneurysms. Circulation, 2001, 104, 2938-2942.	1.6	129
42	Evolution of Risk for Neurologic Deficit After Descending and Thoracoabdominal Aortic Repair. Annals of Thoracic Surgery, 2005, 80, 2173-2179.	0.7	128
43	Thoracic and thoracoabdominal aortic aneurysm repair using cardiopulmonary bypass, profound hypothermia, and circulatory arrest via left side of the chest incision. Journal of Vascular Surgery, 1998, 28, 591-598.	0.6	124
44	Optimization of Aortic Arch Replacement: Two-Stage Approach. Annals of Thoracic Surgery, 2007, 83, S815-S818.	0.7	124
45	Characterization of the inflammatory cells in ascending thoracic aortic aneurysms in patients with Marfan syndrome, familial thoracic aortic aneurysms, and sporadic aneurysms. Journal of Thoracic and Cardiovascular Surgery, 2008, 136, 922-929.e1.	0.4	123
46	Update on Outcomes of Acute Type B Aortic Dissection. Annals of Thoracic Surgery, 2007, 83, S842-S845.	0.7	121
47	A Quarter Century of Organ Protection in Open Thoracoabdominal Repair. Annals of Surgery, 2015, 262, 660-668.	2.1	119
48	Observations on delayed neurologic deficit after thoracoabdominal aortic aneurysm repair. Journal of Vascular Surgery, 1997, 26, 616-622.	0.6	115
49	Impact of Retrograde Cerebral Perfusion on Ascending Aortic and Arch Aneurysm Repair. Annals of Thoracic Surgery, 1997, 63, 1601-1607.	0.7	113
50	Analysis of motor and somatosensory evoked potentials during thoracic and thoracoabdominal aortic aneurysm repair. Journal of Vascular Surgery, 2009, 49, 36-41.	0.6	109
51	Preoperative and operative predictors of delayed neurologic deficit following repair of thoracoabdominal aortic aneurysm. Journal of Thoracic and Cardiovascular Surgery, 2003, 126, 1288-1294.	0.4	107
52	Outcomes of Patients With Acute Type B (DeBakey III) Aortic Dissection. Circulation, 2015, 132, 748-754.	1.6	104
53	A prospective study of respiratory failure after high-risk surgery on the thoracoabdominal aorta. Journal of Vascular Surgery, 1991, 14, 271-282.	0.6	102
54	Thoracoabdominal aortic aneurysms associated with celiac, superior mesenteric, and renal artery occlusive disease: Methods and analysis of results in 271 patients. Journal of Vascular Surgery, 1992, 16, 378-390.	0.6	100

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55	Effect of extended cross-clamp time during thoracoabdominal aortic aneurysm repair. Annals of Thoracic Surgery, 1998, 66, 1204-1208.	0.7	100
56	Molecular diagnosis in vascular Ehlers-Danlos syndrome predicts pattern of arterial involvement and outcomes. Journal of Vascular Surgery, 2014, 60, 160-169.	0.6	100
57	An outcome analysis of endovascular versus open repair of blunt traumatic aortic injuries. Journal of Vascular Surgery, 2013, 57, 108-115.	0.6	99
58	Pathologic Correlates of Aortic Plaques, Thrombi and Mobile â€œAortic Debrisâ€•Imaged In Vivo With Transesophageal Echocardiography. Journal of the American College of Cardiology, 1997, 30, 357-363.	1.2	98
59	Operative Intercostal Nerve Blocks With Long-Acting Bupivacaine Liposome for Pain ControlÂAfter Thoracotomy. Annals of Thoracic Surgery, 2015, 100, 2013-2018.	0.7	95
60	Operation for acute and chronic aortic dissection: recent outcome with regard to neurologic deficit and early death. Annals of Thoracic Surgery, 1998, 66, 402-411.	0.7	90
61	Glomerular filtration rate is a predictor of mortality after endovascular abdominal aortic aneurysm repair. Journal of Vascular Surgery, 2006, 43, 14-18.	0.6	89
62	Ascending and Transverse Aortic Arch Repair. Circulation, 2008, 118, S160-6.	1.6	87
63	Recurrent Chromosome 16p13.1 Duplications Are a Risk Factor for Aortic Dissections. PLoS Genetics, 2011, 7, e1002118.	1.5	86
64	Staged Repair of Extensive Aortic Aneurysms. Annals of Surgery, 2004, 240, 677-685.	2.1	85
65	Progress in the Treatment of Blunt Thoracic Aortic Injury: 12-Year Single-Institution Experience. Annals of Thoracic Surgery, 2010, 90, 64-71.	0.7	83
66	Staged repair of extensive aortic aneurysms. Annals of Thoracic Surgery, 2002, 74, S1803-S1805.	0.7	81
67	Neuromonitor-guided repair of thoracoabdominal aortic aneurysms. Journal of Thoracic and Cardiovascular Surgery, 2010, 140, S131-S135.	0.4	80
68	Redo Operations for Recurrent Aneurysmal Disease of the Ascending Aorta and Transverse Aortic Arch. Annals of Thoracic Surgery, 1985, 40, 439-455.	0.7	79
69	Total Aortic Replacement for Chronic Aortic Dissection Occurring in Patients with and without MarfanÊ¼s Syndrome. Annals of Surgery, 1984, 199, 358-362.	2.1	78
70	Glomerular filtration rate is superior to serum creatinine for prediction of mortality after thoracoabdominal aortic surgery. Journal of Vascular Surgery, 2005, 42, 206-212.	0.6	78
71	Rare Copy Number Variants Disrupt Genes Regulating Vascular Smooth Muscle Cell Adhesion and Contractility in Sporadic Thoracic Aortic Aneurysms and Dissections. American Journal of Human Genetics, 2010, 87, 743-756.	2.6	76
72	Cold visceral perfusion improves early survival in patients with acute renal failure after thoracoabdominal aortic aneurysm repair. Journal of Vascular Surgery, 2004, 39, 506-512.	0.6	75

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73	Predictors of intervention and mortality in patients with uncomplicated acute type B aortic dissection. Journal of Vascular Surgery, 2016, 64, 1560-1568.	0.6	75
74	Genetic Variants in LRP1 and ULK4 Are Associated with Acute Aortic Dissections. American Journal of Human Genetics, 2016, 99, 762-769.	2.6	73
75	Cerebral monitoring with transcranial Doppler ultrasonography improves neurologic outcome during repairs of acute type A aortic dissection. Journal of Thoracic and Cardiovascular Surgery, 2005, 129, 277-285.	0.4	72
76	Repair of ascending and transverse aortic arch. Journal of Thoracic and Cardiovascular Surgery, 2011, 142, 630-633.	0.4	72
77	Thoracoabdominal and descending thoracic aortic aneurysm surgery in patients aged 79 years or older. Journal of Vascular Surgery, 2002, 36, 469-475.	0.6	70
78	Outcomes of endovascular repair for patients with blunt traumatic aortic injury. Journal of Trauma and Acute Care Surgery, 2014, 76, 510-516.	1.1	67
79	Is Total Arch Replacement Associated With WorseÂOutcomes During Repair of Acute Type AÂAortic Dissection?. Annals of Thoracic Surgery, 2015, 100, 2159-2166.	0.7	65
80	Outcomes of Acute Type A Aortic Dissection After Previous Cardiac Surgery. Annals of Thoracic Surgery, 2010, 89, 1467-1474.	0.7	64
81	Proximal Reoperations After Repaired Acute Type A Aortic Dissection. Annals of Thoracic Surgery, 2007, 83, 1603-1609.	0.7	62
82	Gastrointestinal complications after descending thoracic and thoracoabdominal aortic repairs: A 14-year experience. Journal of Vascular Surgery, 2006, 44, 442-446.	0.6	61
83	Outcomes after endovascular repair of arterial trauma. Journal of Vascular Surgery, 2014, 60, 1309-1314.	0.6	61
84	Acute Type A Dissection Repair by High-Volume Vs Low-Volume Surgeons at a High-Volume Aortic Center. Annals of Thoracic Surgery, 2019, 108, 1330-1336.	0.7	59
85	The impact of diaphragm management on prolonged ventilator support after thoracoabdominal aortic repair. Journal of Vascular Surgery, 1999, 29, 150-156.	0.6	58
86	Postoperative risk factors for delayed neurologic deficit after thoracic and thoracoabdominal aortic aneurysm repair: A case-control study. Journal of Vascular Surgery, 2003, 37, 750-754.	0.6	58
87	Reversal of twice-delayed neurologic deficits with cerebrospinal fluid drainage after thoracoabdominal aneurysm repair: A case report and plea for a national database collection. Journal of Vascular Surgery, 2000, 31, 592-598.	0.6	56
88	Surgical management of primary aortoesophageal fistula secondary to thoracic aneurysm. Annals of Thoracic Surgery, 2000, 69, 967-970.	0.7	56
89	Outcome Predictors of Limb Salvage in Traumatic Popliteal Artery Injury. Annals of Vascular Surgery, 2014, 28, 108-114.	0.4	55
90	Determination of cerebral blood flow dynamics during retrograde cerebral perfusion using power M-mode transcranial Doppler. Annals of Thoracic Surgery, 2003, 76, 704-710.	0.7	53

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91	Determinants of early and late outcome for reoperations of the proximal aorta. Annals of Thoracic Surgery, 2004, 78, 837-845.	0.7	51
92	Outcomes and management of type A intramural hematoma. Annals of Cardiothoracic Surgery, 2016, 5, 317-327.	0.6	49
93	Cardiac function predicts mortality following thoracoabdominal and descending thoracic aortic aneurysm repair. European Journal of Cardio-thoracic Surgery, 2003, 24, 119-124.	0.6	48
94	Progress and Future Challenges in Thoracoabdominal Aortic Aneurysm Management. World Journal of Surgery, 2008, 32, 355-360.	0.8	48
95	Replacement of the ascending and transverse aortic arch: determinants of long-term survival. Annals of Thoracic Surgery, 2002, 74, 1058-1065.	0.7	47
96	Intraoperative skeletal muscle ischemia contributes to risk of renal dysfunction following thoracoabdominal aortic repairâ¨†â¨†â¨†. European Journal of Cardio-thoracic Surgery, 2008, 33, 691-694.	0.6	47
97	Impact of distal aortic and visceral perfusion on liver function during thoracoabdominal and descending thoracic aortic repair. Journal of Vascular Surgery, 1998, 27, 145-153.	0.6	46
98	Multilevel somatosensory evoked potentials and cerebrospinal proteins: indicators of spinal cord injury in thoracoabdominal aortic aneurysm surgery. European Journal of Cardio-thoracic Surgery, 2007, 31, 637-642.	0.6	46
99	Management of limb ischemia in acute proximal aortic dissection. Journal of Vascular Surgery, 2013, 57, 1023-1029.	0.6	46
100	Update on blunt thoracic aortic injury: Fifteen-year single-institution experience. Journal of Thoracic and Cardiovascular Surgery, 2013, 145, S154-S158.	0.4	46
101	Intentional left subclavian artery coverage during thoracic endovascular aortic repair for traumatic aortic injury. Journal of Vascular Surgery, 2015, 61, 73-79.e1.	0.6	46
102	Intercostal artery management in thoracoabdominal aortic surgery: To reattach or not to reattach?. Journal of Thoracic and Cardiovascular Surgery, 2018, 155, 1372-1378.e1.	0.4	46
103	Analysis of Ascending and Transverse Aortic Arch Repair in Octogenarians. Annals of Thoracic Surgery, 2008, 86, 774-779.	0.7	45
104	Spinal Cord Protection in Descending Thoracic and Thoracoabdominal Aortic Aneurysm Repair. Seminars in Thoracic and Cardiovascular Surgery, 1998, 10, 41-44.	0.4	44
105	The utility of intravascular ultrasound compared to angiography in the diagnosis of blunt traumatic aortic injury. Journal of Vascular Surgery, 2011, 53, 608-614.	0.6	41
106	Outcomes of Open Repair for Chronic Descending Thoracic Aortic Dissection. Annals of Thoracic Surgery, 2015, 99, 786-794.	0.7	41
107	Early and late outcomes of acute type A aortic dissection with intramural hematoma. Journal of Thoracic and Cardiovascular Surgery, 2015, 149, 137-142.	0.4	41
108	Retrograde cerebral perfusion during profound hypothermia and circulatory arrest in pigs. Annals of Thoracic Surgery, 1995, 59, 1107-1112.	0.7	40

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109	Determinants and outcomes of nonoperative management for blunt traumatic aortic injuries. Journal of Vascular Surgery, 2018, 67, 389-398.	0.6	40
110	Thoracoabdominal aortic aneurysm associated with umbilical artery catheterization: Case report and review of the literature. Journal of Vascular Surgery, 1992, 16, 75-86.	0.6	38
111	Familial Thoracic Aortic Aneurysms and Dissections. Circulation: Cardiovascular Genetics, 2011, 4, 36-42.	5.1	38
112	Management of common carotid artery dissection due to extension from acute type A (DeBakey I) aortic dissection. Journal of Vascular Surgery, 2013, 58, 910-916.	0.6	38
113	The hybrid elephant trunk procedure: A single-stage repair of an ascending, arch, and descending thoracic aortic aneurysm. Journal of Vascular Surgery, 2006, 44, 404-407.	0.6	36
114	Role of Somatosensory Evoked Potentials in Predicting Outcome During Thoracoabdominal Aortic Repair. Annals of Thoracic Surgery, 2007, 84, 782-788.	0.7	35
115	Redo Thoracoabdominal Aortic Aneurysm Repair: A Single-Center Experience Over 25ÂYears. Annals of Thoracic Surgery, 2017, 103, 1421-1428.	0.7	34
116	Lipoprotein(a) in plasma, arterial wall, and thrombus from patients with aortic aneurysm. Clinical Genetics, 1997, 52, 262-271.	1.0	33
117	Fluctuations in Spinal Cord Perfusion Pressure: A Harbinger of Delayed Paraplegia After Thoracoabdominal Aortic Repair. Seminars in Thoracic and Cardiovascular Surgery, 2017, 29, 451-459.	0.4	32
118	Endovascular repair of traumatic aortic injury in a pediatric patient. Journal of Vascular Surgery, 2009, 50, 652-654.	0.6	31
119	Autologous Platelet-Rich Plasma Reduces Transfusions During Ascending Aortic Arch Repair: A Prospective, Randomized, Controlled Trial. Annals of Thoracic Surgery, 2015, 99, 1282-1290.	0.7	31
120	Progress in the Management of Type I Thoracoabdominal and Descending Thoracic Aortic Aneurysms. Annals of Vascular Surgery, 1999, 13, 457-462.	0.4	29
121	Reinfection after resection and revascularization of infected infrarenal abdominal aortic grafts. Journal of Vascular Surgery, 2014, 59, 684-692.	0.6	28
122	Aortic arch tortuosity, a novel biomarker for thoracic aortic disease, is increased in adults with bicuspid aortic valve. International Journal of Cardiology, 2019, 284, 84-89.	0.8	27
123	Open repair of chronic complicated type B aortic dissection using the open distal technique. Annals of Cardiothoracic Surgery, 2014, 3, 375-84.	0.6	27
124	Need for Limb Revascularization in Patients with Acute Aortic Dissection is Associated with Mesenteric Ischemia. Annals of Vascular Surgery, 2016, 36, 112-120.	0.4	26
125	A pilot study of a triple antimicrobial-bonded Dacron graft for the prevention of aortic graft infection. Journal of Vascular Surgery, 2012, 56, 794-801.	0.6	25
126	Current strategies of spinal cord protection during thoracoabdominal aortic surgery. General Thoracic and Cardiovascular Surgery, 2018, 66, 307-314.	0.4	25

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127	Repair of Extensive Aortic Aneurysms. Annals of Surgery, 2014, 260, 510-518.	2.1	24
128	Observation May Be Safe in Selected Cases ofÂBlunt Traumatic Abdominal Aortic Injury. Annals of Vascular Surgery, 2016, 30, 34-39.	0.4	24
129	SMAD4 rare variants in individuals and families with thoracic aortic aneurysms and dissections. European Journal of Human Genetics, 2019, 27, 1054-1060.	1.4	24
130	Is acute type A aortic dissection A true surgical emergency?. Seminars in Vascular Surgery, 2002, 15, 75-82.	1.1	23
131	Integrated cerebral perfusion for hypothermic circulatory arrest during transverse aortic arch repairsâ˜†. European Journal of Cardio-thoracic Surgery, 2010, 38, 293-298.	0.6	22
132	Postoperative renal function preservation with nonischemic femoral arterial cannulation for thoracoabdominal aortic repair. Journal of Vascular Surgery, 2010, 51, 38-42.	0.6	21
133	Ascending and Transverse Aortic Arch Repair: The Impact of Glomerular Filtration Rate on Mortality. Annals of Surgery, 2008, 247, 524-529.	2.1	20
134	Spinal screw penetration of the aorta. Journal of Vascular Surgery, 2013, 57, 1668-1670.	0.6	20
135	Indications and Outcomes of Open Inferior Vena Cava Filter Removal. Annals of Vascular Surgery, 2018, 46, 205.e5-205.e11.	0.4	20
136	Impact of redo sternotomy on proximal aortic repair: Does previous aortic repair affect outcomes?. Journal of Thoracic and Cardiovascular Surgery, 2020, 159, 1683-1691.	0.4	20
137	Staged Repair of Extensive Aortic Aneurysm: Improved Neurologic Outcome. Annals of Surgery, 1997, 226, 599-605.	2.1	20
138	Intraoperative Intercostal Nerve Cryoanalgesia Improves Pain Control After Descending and Thoracoabdominal Aortic Aneurysm Repairs. Annals of Thoracic Surgery, 2020, 109, 249-254.	0.7	19
139	Open repair of adult aortic coarctation mostly by a resection and graft replacement technique. Journal of Vascular Surgery, 2015, 61, 66-72.	0.6	18
140	Preoperative Sarcopenia Portends Worse Outcomes After Descending Thoracic Aortic Aneurysm Repair. Annals of Thoracic Surgery, 2018, 106, 1333-1339.	0.7	18
141	Outcomes of open repairs of chronic distal aortic dissection anatomically amenable to endovascular repairs. Journal of Thoracic and Cardiovascular Surgery, 2021, 161, 36-43.e6.	0.4	18
142	Chylothorax Complicating Repairs of the Descending and Thoracoabdominal Aorta. Chest, 2006, 130, 1138-1142.	0.4	17
143	Technical and Financial Feasibility of an Inferior Vena Cava Filter Retrieval Program at a Level One Trauma Center. Annals of Vascular Surgery, 2015, 29, 84-89.	0.4	17
144	Determinants of Operative Mortality in Patients With Ruptured Acute Type A Aortic Dissection. Annals of Thoracic Surgery, 2016, 101, 64-71.	0.7	15

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145	Role of the BioMedicus Pump and Distal Aortic Perfusion in Thoracoabdominal Aortic Aneurysm Repair. Artificial Organs, 1996, 20, 694-699.	1.0	14
146	InÂvitro efficacy of antibiotic beads in treating abdominal vascular graft infections. Journal of Vascular Surgery, 2015, 62, 1048-1053.	0.6	14
147	New type A dissection after acute type B aortic dissection. Journal of Vascular Surgery, 2018, 67, 85-92.	0.6	14
148	Mucopolysaccharidosis presenting as pediatric multiple aortic aneurysm: First reported case. Journal of Vascular Surgery, 1997, 26, 704-710.	0.6	13
149	Minimally Invasive Techniques for Total Aortic Arch Reconstruction. Methodist DeBakey Cardiovascular Journal, 2021, 12, 41.	0.5	13
150	The effect of aortic dissection on outcome in descending thoracic and thoracoabdominal aortic aneurysm repair. Seminars in Vascular Surgery, 2002, 15, 108-115.	1.1	12
151	Prevention of perioperative vascular prosthetic infection with a novel triple antimicrobial-bonded arterial graft. Journal of Vascular Surgery, 2016, 64, 1805-1814.	0.6	12
152	Risk of Mortality After Resolution of Spinal Malperfusion in Acute Dissection. Annals of Thoracic Surgery, 2018, 106, 473-481.	0.7	11
153	Cerebral perfusion in aortic arch surgery: antegrade, retrograde, or both?. Texas Heart Institute Journal, 2011, 38, 674-7.	0.1	11
154	Early and Late Outcomes After Complete Aortic Replacement. Annals of Thoracic Surgery, 2015, 100, 528-534.	0.7	10
155	Successful Multistaged Surgical Management of Secondary Aortoesophageal Fistula With Graft Infection. Annals of Thoracic Surgery, 2016, 101, e203-e205.	0.7	10
156	Spinal Cord Protection during Aortic Cross Clamping: Retrograde Venous Spinal Cord Perfusion, Distal Aortic Perfusion, and Cerebrospinal Fluid Drainage. Scandinavian Cardiovascular Journal, 2002, 36, 6-10.	0.4	9
157	Acute Type A Aortic Dissection: Surgical Intervention for All: PRO. Cardiology Clinics, 2010, 28, 317-323.	0.9	9
158	Update: Brain protection via cerebral retrograde perfusion during aortic arch aneurysm repair. Annals of Thoracic Surgery, 2001, 71, 1062-1063.	0.7	8
159	Correlations of Cerebrospinal Fluid Pressure with Hemodynamic Parameters During Thoracoabdominal Aortic Aneurysm Repair. Annals of Vascular Surgery, 2005, 19, 619-624.	0.4	8
160	Extensive cell salvage and postoperative outcomes following thoracoabdominal and descending aortic repair. Journal of Thoracic and Cardiovascular Surgery, 2020, , .	0.4	8
161	Resection and replacement of thoracic aortic graft infections. Journal of Thoracic and Cardiovascular Surgery, 2021, 162, 1-8.	0.4	8
162	A history of open thoracoabdominal aortic aneurysm repair: perspective from Houston. Journal of Cardiovascular Surgery, 2021, 62, 191-202.	0.3	7

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163	Repair of the Transverse Arch Using Retrograde Cerebral Perfusion During Acute Type A Aortic Dissection. Operative Techniques in Thoracic and Cardiovascular Surgery, 2005, 10, 3-22.	0.2	6
164	Risk Modeling to Optimize Patient Selection for Management of the Descending Thoracic Aortic Aneurysm. Annals of Thoracic Surgery, 2018, 105, 724-730.	0.7	6
165	The role of ascending aortic size in outcomes of patients with uncomplicated acute type B aortic dissection. Journal of Vascular Surgery, 2019, 69, 1011-1020.	0.6	6
166	Open thoracoabdominal aortic aneurysm surgery technique: how we do it. Journal of Cardiovascular Surgery, 2021, 62, 295-301.	0.3	6
167	In-hospital outcomes and long-term survival of women of childbearing age with aortic dissection. Journal of Vascular Surgery, 2021, 74, 1135-1142.e1.	0.6	6
168	Surgical Repair of Extensive Aortic Aneurysms. Perspectives in Vascular Surgery and Endovascular Therapy, 2005, 17, 217-223.	0.6	4
169	Feasibility and Durability of the Modified Cabrol Coronary Artery Reattachment Technique. Annals of Thoracic Surgery, 2020, 110, 1847-1853.	0.7	4
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171	Adjuncts during surgery of the thoracoabdominal aorta and their impact on neurologic outcome: distal aortic perfusion and cerebrospinal fluid drainage. Multimedia Manual of Cardiothoracic Surgery: MMCTS / European Association for Cardio-Thoracic Surgery, 2006, 2006, mmcts.2006.001933.	0.5	3
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