

Hazim J Safi

List of Publications by Citations

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199
papers

14,828
citations

67
h-index

119
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206
ext. papers

16,437
ext. citations

3.2
avg, IF

5.75
L-index

#	Paper	IF	Citations
199	Experience with 1509 patients undergoing thoracoabdominal aortic operations. <i>Journal of Vascular Surgery</i> , 1993 , 17, 357-370	3.5	830
198	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	3.5	756
197	Expert consensus document on the treatment of descending thoracic aortic disease using endovascular stent-grafts. <i>Annals of Thoracic Surgery</i> , 2008 , 85, S1-41	2.7	654
196	Mutations in smooth muscle alpha-actin (ACTA2) lead to thoracic aortic aneurysms and dissections. <i>Nature Genetics</i> , 2007 , 39, 1488-93	36.3	623
195	Deep hypothermia with circulatory arrest. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1993 , 106, 19-31	5	522
194	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, 617-27	11	364
193	Mutations in transforming growth factor-beta receptor type II cause familial thoracic aortic aneurysms and dissections. <i>Circulation</i> , 2005 , 112, 513-20	16.7	296
192	The Society for Vascular Surgery Practice Guidelines: management of the left subclavian artery with thoracic endovascular aortic repair. <i>Journal of Vascular Surgery</i> , 2009 , 50, 1155-8	3.5	290
191	In situ prosthetic graft replacement for mycotic aneurysm of the aorta. <i>Annals of Thoracic Surgery</i> , 1989 , 47, 193-203	2.7	284
190	Blunt traumatic aortic injury: initial experience with endovascular repair. <i>Journal of Vascular Surgery</i> , 2009 , 49, 1403-8	3.5	256
189	Surgical treatment of aneurysm and/or dissection of the ascending aorta, transverse aortic arch, and ascending aorta and transverse aortic arch. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1989 , 98, 659-674	1.5	252
188	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	3.5	249
187	Importance of intercostal artery reattachment during thoracoabdominal aortic aneurysm repair. <i>Journal of Vascular Surgery</i> , 1998 , 27, 58-66; discussion 66-8	3.5	238
186	Distal aortic perfusion and cerebrospinal fluid drainage for thoracoabdominal and descending thoracic aortic repair: ten years of organ protection. <i>Annals of Surgery</i> , 2003 , 238, 372-80; discussion 380-1	7.8	233
185	Characterization of the inflammatory and apoptotic cells in the aortas of patients with ascending thoracic aortic aneurysms and dissections. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2006 , 131, 671-8	1.5	225
184	MYH11 mutations result in a distinct vascular pathology driven by insulin-like growth factor 1 and angiotensin II. <i>Human Molecular Genetics</i> , 2007 , 16, 2453-62	5.6	210
183	Variables predictive of outcome in 832 patients undergoing repairs of the descending thoracic aorta. <i>Chest</i> , 1993 , 104, 1248-53	5.3	205

182	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	1.5	194
181	Descending thoracic aortic aneurysm repair: 12-year experience using distal aortic perfusion and cerebrospinal fluid drainage. <i>Annals of Thoracic Surgery</i> , 2005 , 80, 1290-6; discussion 1296	2.7	190
180	Composite valve graft replacement of the proximal aorta: comparison of techniques in 348 patients. <i>Annals of Thoracic Surgery</i> , 1992 , 54, 427-37; discussion 438-9	2.7	173
179	Cerebrospinal fluid drainage and distal aortic perfusion: reducing neurologic complications in repair of thoracoabdominal aortic aneurysm types I and II. <i>Journal of Vascular Surgery</i> , 1996 , 23, 223-8; discussion 229	3.5	172
178	Influence of segmental arteries, extent, and atriofemoral bypass on postoperative paraplegia after thoracoabdominal aortic operations. <i>Journal of Vascular Surgery</i> , 1994 , 20, 255-62	3.5	160
177	Diffuse aneurysmal disease (chronic aortic dissection, Marfan, and mega aorta syndromes) and multiple aneurysm. Treatment by subtotal and total aortic replacement emphasizing the elephant trunk operation. <i>Annals of Surgery</i> , 1990 , 211, 521-37	7.8	160
176	Predictive factors for acute renal failure in thoracic and thoracoabdominal aortic aneurysm surgery. <i>Journal of Vascular Surgery</i> , 1996 , 24, 338-44; discussion 344-5	3.5	150
175	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	36.3	148
174	Cerebrospinal fluid drainage during thoracic aortic repair: safety and current management. <i>Annals of Thoracic Surgery</i> , 2009 , 88, 9-15; discussion 15	2.7	147
173	Neurologic deficit in patients at high risk with thoracoabdominal aortic aneurysms: the role of cerebral spinal fluid drainage and distal aortic perfusion. <i>Journal of Vascular Surgery</i> , 1994 , 20, 434-44; discussion 442-3	3.5	144
172	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	1.5	142
171	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	3.5	142
170	Outcomes of medical management of acute type B aortic dissection. <i>Circulation</i> , 2006 , 114, 1384-9	16.7	133
169	Aortic dissection and dissecting aortic aneurysms. <i>Annals of Surgery</i> , 1988 , 208, 254-73	7.8	133
168	Descending thoracic aortic aneurysm: surgical approach and treatment using the adjuncts cerebrospinal fluid drainage and distal aortic perfusion. <i>Annals of Thoracic Surgery</i> , 2001 , 72, 481-6	2.7	132
167	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	3.5	127
166	Brain protection via cerebral retrograde perfusion during aortic arch aneurysm repair. <i>Annals of Thoracic Surgery</i> , 1993 , 56, 270-6	2.7	126
165	LOX Mutations Predispose to Thoracic Aortic Aneurysms and Dissections. <i>Circulation Research</i> , 2016 , 118, 928-34	15.7	122

164	Neurologic outcome after thoracic and thoracoabdominal aortic aneurysm repair. <i>Annals of Thoracic Surgery</i> , 2001 , 72, 1225-30; discussion 1230-1	2.7	121
163	Spinal cord protection in descending thoracic and thoracoabdominal aortic repair. <i>Annals of Thoracic Surgery</i> , 1999 , 67, 1937-9; discussion 1953-8	2.7	121
162	Acute type A aortic dissection complicated by stroke: can immediate repair be performed safely?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2006 , 132, 1404-8	1.5	120
161	Evolution of risk for neurologic deficit after descending and thoracoabdominal aortic repair. <i>Annals of Thoracic Surgery</i> , 2005 , 80, 2173-9; discussion 2179	2.7	113
160	Treatment of postoperative infection of ascending aorta and transverse aortic arch, including use of viable omentum and muscle flaps. <i>Annals of Thoracic Surgery</i> , 1990 , 50, 868-81	2.7	111
159	A prospective study of respiratory failure after high-risk surgery on the thoracoabdominal aorta. <i>Journal of Vascular Surgery</i> , 1991 , 14, 271-282	3.5	111
158	Thoracic and thoracoabdominal aortic aneurysm repair using cardiopulmonary bypass, profound hypothermia, and circulatory arrest via left side of the chest incision. <i>Journal of Vascular Surgery</i> , 1998 , 28, 591-8	3.5	110
157	Staged repair of extensive aortic aneurysms: morbidity and mortality in the elephant trunk technique. <i>Circulation</i> , 2001 , 104, 2938-42	16.7	107
156	Observations on delayed neurologic deficit after thoracoabdominal aortic aneurysm repair. <i>Journal of Vascular Surgery</i> , 1997 , 26, 616-22	3.5	103
155	Optimization of aortic arch replacement: two-stage approach. <i>Annals of Thoracic Surgery</i> , 2007 , 83, S815-8; discussion S824-31	2.7	103
154	Update on outcomes of acute type B aortic dissection. <i>Annals of Thoracic Surgery</i> , 2007 , 83, S842-5; discussion S846-50	2.7	101
153	Impact of retrograde cerebral perfusion on ascending aortic and arch aneurysm repair. <i>Annals of Thoracic Surgery</i> , 1997 , 63, 1601-7	2.7	99
152	Analysis of motor and somatosensory evoked potentials during thoracic and thoracoabdominal aortic aneurysm repair. <i>Journal of Vascular Surgery</i> , 2009 , 49, 36-41	3.5	94
151	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	3.5	94
150	Characterization of the inflammatory cells in ascending thoracic aortic aneurysms in patients with Marfan syndrome, familial thoracic aortic aneurysms, and sporadic aneurysms. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2008 , 136, 922-9, 929.e1	1.5	92
149	A prospective study of respiratory failure after high-risk surgery on the thoracoabdominal aorta. <i>Journal of Vascular Surgery</i> , 1991 , 14, 271-282	3.5	91
148	Preoperative and operative predictors of delayed neurologic deficit following repair of thoracoabdominal aortic aneurysm. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2003 , 126, 1288-94	1.5	90
147	A Quarter Century of Organ Protection in Open Thoracoabdominal Repair. <i>Annals of Surgery</i> , 2015 , 262, 660-8	7.8	82

146	Pathologic correlates of aortic plaques, thrombi and mobile "aortic debris" imaged in vivo with transesophageal echocardiography. <i>Journal of the American College of Cardiology</i> , 1997 , 30, 357-63	15.1	82
145	Operation for acute and chronic aortic dissection: recent outcome with regard to neurologic deficit and early death. <i>Annals of Thoracic Surgery</i> , 1998 , 66, 402-11	2.7	78
144	Outcomes of Patients With Acute Type B (DeBakey III) Aortic Dissection: A 13-Year, Single-Center Experience. <i>Circulation</i> , 2015 , 132, 748-54	16.7	77
143	Operative Intercostal Nerve Blocks With Long-Acting Bupivacaine Liposome for Pain Control After Thoracotomy. <i>Annals of Thoracic Surgery</i> , 2015 , 100, 2013-8	2.7	76
142	Glomerular filtration rate is a predictor of mortality after endovascular abdominal aortic aneurysm repair. <i>Journal of Vascular Surgery</i> , 2006 , 43, 14-8	3.5	76
141	Effect of extended cross-clamp time during thoracoabdominal aortic aneurysm repair. <i>Annals of Thoracic Surgery</i> , 1998 , 66, 1204-9	2.7	74
140	An outcome analysis of endovascular versus open repair of blunt traumatic aortic injuries. <i>Journal of Vascular Surgery</i> , 2013 , 57, 108-14; discussion 115	3.5	73
139	Glomerular filtration rate is superior to serum creatinine for prediction of mortality after thoracoabdominal aortic surgery. <i>Journal of Vascular Surgery</i> , 2005 , 42, 206-12	3.5	73
138	Staged repair of extensive aortic aneurysms. <i>Annals of Thoracic Surgery</i> , 2002 , 74, S1803-5; discussion S1825-32	2.7	73
137	Progress in the treatment of blunt thoracic aortic injury: 12-year single-institution experience. <i>Annals of Thoracic Surgery</i> , 2010 , 90, 64-71	2.7	71
136	Ascending and transverse aortic arch repair: the impact of retrograde cerebral perfusion. <i>Circulation</i> , 2008 , 118, S160-6	16.7	71
135	Molecular diagnosis in vascular Ehlers-Danlos syndrome predicts pattern of arterial involvement and outcomes. <i>Journal of Vascular Surgery</i> , 2014 , 60, 160-9	3.5	69
134	Staged repair of extensive aortic aneurysms: long-term experience with the elephant trunk technique. <i>Annals of Surgery</i> , 2004 , 240, 677-84; discussion 684-5	7.8	68
133	Redo operations for recurrent aneurysmal disease of the ascending aorta and transverse aortic arch. <i>Annals of Thoracic Surgery</i> , 1985 , 40, 439-55	2.7	68
132	Recurrent chromosome 16p13.1 duplications are a risk factor for aortic dissections. <i>PLoS Genetics</i> , 2011 , 7, e1002118	6	67
131	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
130	Thoracoabdominal and descending thoracic aortic aneurysm surgery in patients aged 79 years or older. <i>Journal of Vascular Surgery</i> , 2002 , 36, 469-75	3.5	64
129	Cold visceral perfusion improves early survival in patients with acute renal failure after thoracoabdominal aortic aneurysm repair. <i>Journal of Vascular Surgery</i> , 2004 , 39, 506-12	3.5	63

128	Neuromonitor-guided repair of thoracoabdominal aortic aneurysms. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2010 , 140, S131-5; discussion S142-S146	1.5	62
127	Cerebral monitoring with transcranial Doppler ultrasonography improves neurologic outcome during repairs of acute type A aortic dissection. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2005 , 129, 277-85	1.5	62
126	Outcomes of endovascular repair for patients with blunt traumatic aortic injury. <i>Journal of Trauma and Acute Care Surgery</i> , 2014 , 76, 510-6	3.3	59
125	Repair of ascending and transverse aortic arch. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2011 , 142, 630-3	1.5	56
124	Proximal reoperations after repaired acute type A aortic dissection. <i>Annals of Thoracic Surgery</i> , 2007 , 83, 1603-8; discussion 1608-9	2.7	55
123	Total aortic replacement for chronic aortic dissection occurring in patients with and without Marfan@ syndrome. <i>Annals of Surgery</i> , 1984 , 199, 358-62	7.8	55
122	Outcomes of acute type a aortic dissection after previous cardiac surgery. <i>Annals of Thoracic Surgery</i> , 2010 , 89, 1467-74	2.7	54
121	Postoperative risk factors for delayed neurologic deficit after thoracic and thoracoabdominal aortic aneurysm repair: a case-control study. <i>Journal of Vascular Surgery</i> , 2003 , 37, 750-4	3.5	53
120	Gastrointestinal complications after descending thoracic and thoracoabdominal aortic repairs: a 14-year experience. <i>Journal of Vascular Surgery</i> , 2006 , 44, 442-6	3.5	52
119	Predictors of intervention and mortality in patients with uncomplicated acute type B aortic dissection. <i>Journal of Vascular Surgery</i> , 2016 , 64, 1560-1568	3.5	52
118	Surgical management of primary aorto-esophageal fistula secondary to thoracic aneurysm. <i>Annals of Thoracic Surgery</i> , 2000 , 69, 967-70	2.7	51
117	The impact of diaphragm management on prolonged ventilator support after thoracoabdominal aortic repair. <i>Journal of Vascular Surgery</i> , 1999 , 29, 150-6	3.5	50
116	Outcomes after endovascular repair of arterial trauma. <i>Journal of Vascular Surgery</i> , 2014 , 60, 1309-1314	3.5	49
115	Determination of cerebral blood flow dynamics during retrograde cerebral perfusion using power M-mode transcranial Doppler. <i>Annals of Thoracic Surgery</i> , 2003 , 76, 704-9; discussion 709-10	2.7	48
114	Reversal of twice-delayed neurologic deficits with cerebrospinal fluid drainage after thoracoabdominal aneurysm repair: A case report and plea for a national database collection. <i>Journal of Vascular Surgery</i> , 2000 , 31, 592-598	3.5	47
113	Is Total Arch Replacement Associated With Worse Outcomes During Repair of Acute Type A Aortic Dissection?. <i>Annals of Thoracic Surgery</i> , 2015 , 100, 2159-65; discussion 2165-6	2.7	45
112	Determinants of early and late outcome for reoperations of the proximal aorta. <i>Annals of Thoracic Surgery</i> , 2004 , 78, 837-45; discussion 837-45	2.7	45
111	Genetic Variants in LRP1 and ULK4 Are Associated with Acute Aortic Dissections. <i>American Journal of Human Genetics</i> , 2016 , 99, 762-769	11	44

110	Analysis of ascending and transverse aortic arch repair in octogenarians. <i>Annals of Thoracic Surgery</i> , 2008 , 86, 774-9	2.7	43
109	Replacement of the ascending and transverse aortic arch: determinants of long-term survival. <i>Annals of Thoracic Surgery</i> , 2002 , 74, 1058-64; discussion 1064-5	2.7	43
108	Intraoperative skeletal muscle ischemia contributes to risk of renal dysfunction following thoracoabdominal aortic repair. <i>European Journal of Cardio-thoracic Surgery</i> , 2008 , 33, 691-4	3	41
107	Progress and future challenges in thoracoabdominal aortic aneurysm management. <i>World Journal of Surgery</i> , 2008 , 32, 355-60	3.3	40
106	Multilevel somatosensory evoked potentials and cerebrospinal proteins: indicators of spinal cord injury in thoracoabdominal aortic aneurysm surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2007 , 31, 637-42	3	40
105	Outcome predictors of limb salvage in traumatic popliteal artery injury. <i>Annals of Vascular Surgery</i> , 2014 , 28, 108-14	1.7	39
104	Management of limb ischemia in acute proximal aortic dissection. <i>Journal of Vascular Surgery</i> , 2013 , 57, 1023-9	3.5	38
103	Impact of distal aortic and visceral perfusion on liver function during thoracoabdominal and descending thoracic aortic repair. <i>Journal of Vascular Surgery</i> , 1998 , 27, 145-52; discussion 152-3	3.5	38
102	Cardiac function predicts mortality following thoracoabdominal and descending thoracic aortic aneurysm repair. <i>European Journal of Cardio-thoracic Surgery</i> , 2003 , 24, 119-24; discussion 124	3	38
101	Spinal cord protection in descending thoracic and thoracoabdominal aortic aneurysm repair. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 1998 , 10, 41-4	1.7	36
100	Update on blunt thoracic aortic injury: fifteen-year single-institution experience. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013 , 145, S154-8	1.5	35
99	Retrograde cerebral perfusion during profound hypothermia and circulatory arrest in pigs. <i>Annals of Thoracic Surgery</i> , 1995 , 59, 1107-12	2.7	35
98	Intentional left subclavian artery coverage during thoracic endovascular aortic repair for traumatic aortic injury. <i>Journal of Vascular Surgery</i> , 2015 , 61, 73-9	3.5	34
97	Thoracoabdominal aortic aneurysm associated with umbilical artery catheterization: Case report and review of the literature. <i>Journal of Vascular Surgery</i> , 1992 , 16, 75-86	3.5	33
96	Management of common carotid artery dissection due to extension from acute type A (DeBakey I) aortic dissection. <i>Journal of Vascular Surgery</i> , 2013 , 58, 910-6	3.5	32
95	Role of somatosensory evoked potentials in predicting outcome during thoracoabdominal aortic repair. <i>Annals of Thoracic Surgery</i> , 2007 , 84, 782-7; discussion 787-8	2.7	32
94	Familial thoracic aortic aneurysms and dissections: identification of a novel locus for stable aneurysms with a low risk for progression to aortic dissection. <i>Circulation: Cardiovascular Genetics</i> , 2011 , 4, 36-42		31
93	The hybrid elephant trunk procedure: a single-stage repair of an ascending, arch, and descending thoracic aortic aneurysm. <i>Journal of Vascular Surgery</i> , 2006 , 44, 404-7	3.5	31

92	Early and late outcomes of acute type A aortic dissection with intramural hematoma. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015 , 149, 137-42	1.5	30
91	The utility of intravascular ultrasound compared to angiography in the diagnosis of blunt traumatic aortic injury. <i>Journal of Vascular Surgery</i> , 2011 , 53, 608-14	3.5	30
90	Outcomes of open repair for chronic descending thoracic aortic dissection. <i>Annals of Thoracic Surgery</i> , 2015 , 99, 786-93; discussion 794	2.7	29
89	Endovascular repair of traumatic aortic injury in a pediatric patient. <i>Journal of Vascular Surgery</i> , 2009 , 50, 652-4	3.5	28
88	Acute Type A Dissection Repair by High-Volume Vs Low-Volume Surgeons at a High-Volume Aortic Center. <i>Annals of Thoracic Surgery</i> , 2019 , 108, 1330-1336	2.7	27
87	Intercostal artery management in thoracoabdominal aortic surgery: To reattach or not to reattach?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018 , 155, 1372-1378.e1	1.5	27
86	Outcomes and management of type A intramural hematoma. <i>Annals of Cardiothoracic Surgery</i> , 2016 , 5, 317-27	4.7	27
85	Redo Thoracoabdominal Aortic Aneurysm Repair: A Single-Center Experience Over 25 Years. <i>Annals of Thoracic Surgery</i> , 2017 , 103, 1421-1428	2.7	26
84	Progress in the management of type I thoracoabdominal and descending thoracic aortic aneurysms. <i>Annals of Vascular Surgery</i> , 1999 , 13, 457-62	1.7	26
83	A pilot study of a triple antimicrobial-bonded Dacron graft for the prevention of aortic graft infection. <i>Journal of Vascular Surgery</i> , 2012 , 56, 794-801	3.5	24
82	Open repair of chronic complicated type B aortic dissection using the open distal technique. <i>Annals of Cardiothoracic Surgery</i> , 2014 , 3, 375-84	4.7	24
81	Lipoprotein(a) in plasma, arterial wall, and thrombus from patients with aortic aneurysm. <i>Clinical Genetics</i> , 1997 , 52, 262-71	4	23
80	Determinants and outcomes of nonoperative management for blunt traumatic aortic injuries. <i>Journal of Vascular Surgery</i> , 2018 , 67, 389-398	3.5	22
79	Autologous platelet-rich plasma reduces transfusions during ascending aortic arch repair: a prospective, randomized, controlled trial. <i>Annals of Thoracic Surgery</i> , 2015 , 99, 1282-90	2.7	22
78	Reinfection after resection and revascularization of infected infrarenal abdominal aortic grafts. <i>Journal of Vascular Surgery</i> , 2014 , 59, 684-92	3.5	21
77	Indications and Outcomes of Open Inferior Vena Cava Filter Removal. <i>Annals of Vascular Surgery</i> , 2018 , 46, 205.e5-205.e11	1.7	19
76	Repair of extensive aortic aneurysms: a single-center experience using the elephant trunk technique over 20 years. <i>Annals of Surgery</i> , 2014 , 260, 510-6; discussion 517-8	7.8	19
75	Integrated cerebral perfusion for hypothermic circulatory arrest during transverse aortic arch repairs. <i>European Journal of Cardio-thoracic Surgery</i> , 2010 , 38, 293-8	3	19

74	Current strategies of spinal cord protection during thoracoabdominal aortic surgery. <i>General Thoracic and Cardiovascular Surgery</i> , 2018 , 66, 307-314	1.6	17
73	Spinal screw penetration of the aorta. <i>Journal of Vascular Surgery</i> , 2013 , 57, 1668-70	3.5	17
72	Postoperative renal function preservation with nonischemic femoral arterial cannulation for thoracoabdominal aortic repair. <i>Journal of Vascular Surgery</i> , 2010 , 51, 38-42	3.5	17
71	Open repair of adult aortic coarctation mostly by a resection and graft replacement technique. <i>Journal of Vascular Surgery</i> , 2015 , 61, 66-72	3.5	16
70	Ascending and transverse aortic arch repair: the impact of glomerular filtration rate on mortality. <i>Annals of Surgery</i> , 2008 , 247, 524-9	7.8	16
69	Chylothorax complicating repairs of the descending and thoracoabdominal aorta. <i>Chest</i> , 2006 , 130, 1138-42	5.4	16
68	Is acute type A aortic dissection a true surgical emergency?. <i>Seminars in Vascular Surgery</i> , 2002 , 15, 75-82	1.2	16
67	Staged repair of extensive aortic aneurysm: improved neurologic outcome. <i>Annals of Surgery</i> , 1997 , 226, 599-605	7.8	16
66	Technical and financial feasibility of an inferior vena cava filter retrieval program at a level one trauma center. <i>Annals of Vascular Surgery</i> , 2015 , 29, 84-9	1.7	15
65	Need for Limb Revascularization in Patients with Acute Aortic Dissection is Associated with Mesenteric Ischemia. <i>Annals of Vascular Surgery</i> , 2016 , 36, 112-120	1.7	15
64	Fluctuations in Spinal Cord Perfusion Pressure: A Harbinger of Delayed Paraplegia After Thoracoabdominal Aortic Repair. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2017 , 29, 451-459	1.7	14
63	Observation May Be Safe in Selected Cases of Blunt Traumatic Abdominal Aortic Injury. <i>Annals of Vascular Surgery</i> , 2016 , 30, 34-9	1.7	14
62	Aortic arch tortuosity, a novel biomarker for thoracic aortic disease, is increased in adults with bicuspid aortic valve. <i>International Journal of Cardiology</i> , 2019 , 284, 84-89	3.2	14
61	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
60	Mucopolysaccharidosis presenting as pediatric multiple aortic aneurysm: first reported case. <i>Journal of Vascular Surgery</i> , 1997 , 26, 704-10	3.5	13
59	Role of the BioMedicus Pump and Distal Aortic Perfusion in Thoracoabdominal Aortic Aneurysm Repair. <i>Artificial Organs</i> , 1996 , 20, 694-699	2.6	13
58	Determinants of Operative Mortality in Patients With Ruptured Acute Type A Aortic Dissection. <i>Annals of Thoracic Surgery</i> , 2016 , 101, 64-71	2.7	13
57	In vitro efficacy of antibiotic beads in treating abdominal vascular graft infections. <i>Journal of Vascular Surgery</i> , 2015 , 62, 1048-53	3.5	12

56	Cerebral perfusion in aortic arch surgery: antegrade, retrograde, or both?. <i>Texas Heart Institute Journal</i> , 2011 , 38, 674-7	0.8	11
55	Preoperative Sarcopenia Portends Worse Outcomes After Descending Thoracic Aortic Aneurysm Repair. <i>Annals of Thoracic Surgery</i> , 2018 , 106, 1333-1339	2.7	11
54	Risk of Mortality After Resolution of Spinal Malperfusion in Acute Dissection. <i>Annals of Thoracic Surgery</i> , 2018 , 106, 473-481	2.7	10
53	Prevention of perioperative vascular prosthetic infection with a novel triple antimicrobial-bonded arterial graft. <i>Journal of Vascular Surgery</i> , 2016 , 64, 1805-1814	3.5	10
52	The effect of aortic dissection on outcome in descending thoracic and thoracoabdominal aortic aneurysm repair. <i>Seminars in Vascular Surgery</i> , 2002 , 15, 108-115	1.2	10
51	Minimally Invasive Techniques for Total Aortic Arch Reconstruction. <i>Methodist DeBakey Cardiovascular Journal</i> , 2016 , 12, 41-4	2.1	10
50	New type A dissection after acute type B aortic dissection. <i>Journal of Vascular Surgery</i> , 2018 , 67, 85-92	3.5	9
49	Spinal cord protection during aortic cross clamping: retrograde venous spinal cord perfusion, distal aortic perfusion, and cerebrospinal fluid drainage. <i>Scandinavian Cardiovascular Journal</i> , 2002 , 36, 6-10	2	9
48	Outcomes of open repairs of chronic distal aortic dissection anatomically amenable to endovascular repairs. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 ,	1.5	9
47	Successful Multistaged Surgical Management of Secondary Aorto-esophageal Fistula With Graft Infection. <i>Annals of Thoracic Surgery</i> , 2016 , 101, e203-5	2.7	8
46	Acute type A aortic dissection: surgical intervention for all: PRO. <i>Cardiology Clinics</i> , 2010 , 28, 317-23	2.5	8
45	Intraoperative Intercostal Nerve Cryoanalgesia Improves Pain Control After Descending and Thoracoabdominal Aortic Aneurysm Repairs. <i>Annals of Thoracic Surgery</i> , 2020 , 109, 249-254	2.7	8
44	Impact of redo sternotomy on proximal aortic repair: Does previous aortic repair affect outcomes?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 , 159, 1683-1691	1.5	8
43	As originally published in 1993: Brain protection via cerebral retrograde perfusion during aortic arch aneurysm repair. Updated in 2001. <i>Annals of Thoracic Surgery</i> , 2001 , 71, 1062-3; discussion 1064	2.7	7
42	Risk Modeling to Optimize Patient Selection for Management of the Descending Thoracic Aortic Aneurysm. <i>Annals of Thoracic Surgery</i> , 2018 , 105, 724-730	2.7	6
41	Early and Late Outcomes After Complete Aortic Replacement. <i>Annals of Thoracic Surgery</i> , 2015 , 100, 528-34	2.7	6
40	Correlations of cerebrospinal fluid pressure with hemodynamic parameters during thoracoabdominal aortic aneurysm repair. <i>Annals of Vascular Surgery</i> , 2005 , 19, 619-24	1.7	6
39	Repair of the Transverse Arch Using Retrograde Cerebral Perfusion During Acute Type A Aortic Dissection. <i>Operative Techniques in Thoracic and Cardiovascular Surgery</i> , 2005 , 10, 3-22	0.9	5

38	Resection and replacement of thoracic aortic graft infections. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 , 162, 1-8	1.5	5
37	The role of ascending aortic size in outcomes of patients with uncomplicated acute type B aortic dissection. <i>Journal of Vascular Surgery</i> , 2019 , 69, 1011-1020	3.5	4
36	Pearls & Oysters: ophthalmic artery malperfusion in aortic dissection with common carotid artery involvement. <i>Neurology</i> , 2015 , 84, e27-9	6.5	3
35	Reprint of: Early and late outcomes of acute type A aortic dissection with intramural hematoma. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015 , 149, S110-5	1.5	2
34	Adjuncts during surgery of the thoracoabdominal aorta and their impact on neurologic outcome: distal aortic perfusion and cerebrospinal fluid drainage. <i>Multimedia Manual of Cardiothoracic Surgery: MMCTS / European Association for Cardio-Thoracic Surgery</i> , 2006 , 2006, mmcts.2006.001933	0.2	2
33	Surgical repair of extensive aortic aneurysms. <i>Perspectives in Vascular Surgery and Endovascular Therapy</i> , 2005 , 17, 217-23		2
32	Extensive cell salvage and postoperative outcomes following thoracoabdominal and descending aortic repair. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 ,	1.5	2
31	Reappraisal of the role of motor and somatosensory evoked potentials during open distal aortic repair. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 ,	1.5	2
30	Complicated type B aortic dissection causing ischemia in the celiac and inferior mesenteric artery distribution despite patent superior mesenteric artery bypass. <i>Vascular</i> , 2015 , 23, 422-6	1.3	1
29	Reparación endovascular torácica aórtica (TEVAR): un enfoque sobre complicaciones. <i>Cirugía Cardiovascular</i> , 2010 , 17, 11-23	0.1	1
28	Management of the patient with aortic root disease and aortic insufficiency. <i>Cardiology Clinics</i> , 1998 , 16, 463-75, viii	2.5	1
27	Successful descending thoracic aortic aneurysm repair during a twin pregnancy: case report and literature review. <i>Annals of Vascular Surgery</i> , 2007 , 21, 87-9	1.7	1
26	Proximal reconstruction during Type A aortic dissection. <i>European Journal of Cardio-thoracic Surgery</i> , 2007 , 31, 41-2	3	1
25	Cannulation strategy for acute type A aortic dissection. <i>Annals of Thoracic Surgery</i> , 2006 , 81, 2340; author reply 2340-1	2.7	1
24	Regarding "Surgical treatment of nonaneurysmal aortic arch lesions in patients with systemic embolizations". <i>Journal of Vascular Surgery</i> , 2002 , 36, 1274-5	3.5	1
23	Open repair of complicated acute type B aortic dissection. <i>Italian Journal of Vascular and Endovascular Surgery</i> , 2018 , 25,	1.4	1
22	In-hospital outcomes and long-term survival of women of childbearing age with aortic dissection. <i>Journal of Vascular Surgery</i> , 2021 , 74, 1135-1142.e1	3.5	1
21	Feasibility and Durability of the Modified Cabrol Coronary Artery Reattachment Technique. <i>Annals of Thoracic Surgery</i> , 2020 , 110, 1847-1853	2.7	0

20	Thoracoabdominal aortic aneurysm repair in Marfan syndrome: how we do it. <i>Annals of Cardiothoracic Surgery</i> , 2017 , 6, 709-711	4.7	o
19	A history of open thoracoabdominal aortic aneurysm repair: perspective from Houston. <i>Journal of Cardiovascular Surgery</i> , 2021 , 62, 191-202	0.7	o
18	Open thoracoabdominal aortic aneurysm surgery technique: how we do it. <i>Journal of Cardiovascular Surgery</i> , 2021 , 62, 295-301	0.7	o
17	Hybrid and Redo Strategies for Descending and Thoracoabdominal Aorta 2019 , 1157-1168		
16	Management of Recurrent Delayed Neurologic Deficit After Thoracoabdominal Aortic Operation. <i>Annals of Thoracic Surgery</i> , 2016 , 101, 346-8	2.7	
15	Patient height as a risk factor for poor outcome in acute type B aortic dissection. <i>Journal of Cardiovascular Surgery</i> , 2017 , 58, 551-556	0.7	
14	Duplex Ultrasound Protocol and Findings in Common Carotid Artery Dissection Extending from the Aortic Arch. <i>Journal for Vascular Ultrasound</i> , 2014 , 38, 80-86	0.1	
13	Thoracic Aortic Aneurysms: Classification, Incidence, Etiology, Natural History, and Results25-30		
12	Robotic replacement of the descending thoracic aorta: an alternative to endovascular therapy?. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2006 , 1, 115-8	1.5	
11	Spinal cord protection during descending aortic aneurysm repair: Reply. <i>Annals of Thoracic Surgery</i> , 2002 , 73, 1023-1024	2.7	
10	Advanced issues 2001 , 110-163		
9	Repair of Thoracoabdominal Aortic Aneurysms 2009 , 139-150		
8	Distal Aortic Perfusion and Selective Visceral Perfusion 2006 , 141-151		
7	Robotic Replacement of the Descending Thoracic Aorta: An Alternative to Endovascular Therapy?. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2006 , 1, 115-118	1.5	
6	Infected Aortic Grafts in the Descending Thoracic Aorta 2019 , 1143-1155		
5	Abdominal and Thoracoabdominal Aortic Replacement for Marfan Syndrome 2016 , 127-140		
4	Surgical Approaches to the Treatment of Aortic Aneurysms and Dissections570-577		
3	Indications, Techniques and Results of Open Repair of Ascending and Transverse Aortic Arch Aneurysms473-485		

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