

# G Chad Hughes

## List of Publications by Citations

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196  
papers

8,027  
citations

44  
h-index

85  
g-index

205  
ext. papers

9,806  
ext. citations

3.2  
avg. IF

5.79  
L-index

#	Paper	IF	Citations
196	Transcatheter aortic-valve replacement with a self-expanding prosthesis. <i>New England Journal of Medicine</i> , <b>2014</b> , 370, 1790-8	59.2	1793
195	Transcatheter aortic valve replacement using a self-expanding bioprosthesis in patients with severe aortic stenosis at extreme risk for surgery. <i>Journal of the American College of Cardiology</i> , <b>2014</b> , 63, 1972-81	15.1	698
194	2-Year Outcomes in Patients Undergoing Surgical or Self-Expanding Transcatheter Aortic Valve Replacement. <i>Journal of the American College of Cardiology</i> , <b>2015</b> , 66, 113-21	15.1	288
193	3-Year Outcomes in High-Risk Patients Who Underwent Surgical or Transcatheter Aortic Valve Replacement. <i>Journal of the American College of Cardiology</i> , <b>2016</b> , 67, 2565-74	15.1	229
192	5-Year Outcomes of Self-Expanding Transcatheter Versus Surgical Aortic Valve Replacement in High-Risk Patients. <i>Journal of the American College of Cardiology</i> , <b>2018</b> , 72, 2687-2696	15.1	173
191	Early Clinical Outcomes After Transcatheter Aortic Valve Replacement Using a Novel Self-Expanding Bioprosthesis in Patients With Severe Aortic Stenosis Who Are Suboptimal for Surgery: Results of the Evolut R U.S. Study. <i>JACC: Cardiovascular Interventions</i> , <b>2017</b> , 10, 268-275	5	131
190	Consensus on hypothermia in aortic arch surgery. <i>Annals of Cardiothoracic Surgery</i> , <b>2013</b> , 2, 163-8	4.7	128
189	Contemporary results for proximal aortic replacement in North America. <i>Journal of the American College of Cardiology</i> , <b>2012</b> , 60, 1156-62	15.1	121
188	Society for Vascular Surgery (SVS) and Society of Thoracic Surgeons (STS) reporting standards for type B aortic dissections. <i>Journal of Vascular Surgery</i> , <b>2020</b> , 71, 723-747	3.5	117
187	Effects of institutional volumes on operative outcomes for aortic root replacement in North America. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2013</b> , 145, 166-70	1.5	113
186	Retrograde ascending aortic dissection as an early complication of thoracic endovascular aortic repair. <i>Journal of Vascular Surgery</i> , <b>2012</b> , 55, 1255-62	3.5	112
185	Translational physiology: porcine models of human coronary artery disease: implications for preclinical trials of therapeutic angiogenesis. <i>Journal of Applied Physiology</i> , <b>2003</b> , 94, 1689-701	3.7	106
184	Outcomes of acute type a dissection repair before and after implementation of a multidisciplinary thoracic aortic surgery program. <i>Journal of the American College of Cardiology</i> , <b>2014</b> , 63, 1796-803	15.1	103
183	Five-year results for endovascular repair of acute complicated type B aortic dissection. <i>Journal of Vascular Surgery</i> , <b>2014</b> , 59, 96-106	3.5	97
182	Midterm results for endovascular repair of complicated acute and chronic type B aortic dissection. <i>Annals of Thoracic Surgery</i> , <b>2010</b> , 89, 97-102; discussion 102-4	2.7	92
181	Results with an algorithmic approach to hybrid repair of the aortic arch. <i>Journal of Vascular Surgery</i> , <b>2013</b> , 57, 655-67; discussion 666-7	3.5	88
180	A meta-analysis of deep hypothermic circulatory arrest versus moderate hypothermic circulatory arrest with selective antegrade cerebral perfusion. <i>Annals of Cardiothoracic Surgery</i> , <b>2013</b> , 2, 148-58	4.7	87

179	Midterm results with thoracic endovascular aortic repair for chronic type B aortic dissection with associated aneurysm. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2011</b> , 141, 322-7	1.5	84
178	Therapeutic angiogenesis in chronically ischemic porcine myocardium: comparative effects of bFGF and VEGF. <i>Annals of Thoracic Surgery</i> , <b>2004</b> , 77, 812-8	2.7	82
177	Use of custom Dacron branch grafts for "hybrid" aortic debranching during endovascular repair of thoracic and thoracoabdominal aortic aneurysms. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2008</b> , 136, 21-8, 28.e1-6	1.5	70
176	Results with a selective revascularization strategy for left subclavian artery coverage during thoracic endovascular aortic repair. <i>Annals of Thoracic Surgery</i> , <b>2011</b> , 92, 97-102; discussion 102-3	2.7	69
175	Subclavian/Axillary Access for Self-Expanding Transcatheter Aortic Valve Replacement Renders Equivalent Outcomes as Transfemoral. <i>Annals of Thoracic Surgery</i> , <b>2018</b> , 105, 477-483	2.7	65
174	Root replacement surgery versus more conservative management during type A acute aortic dissection repair. <i>Annals of Thoracic Surgery</i> , <b>2014</b> , 98, 2078-84	2.7	65
173	Contemporary management and outcomes of acute type A aortic dissection: An analysis of the STS adult cardiac surgery database. <i>Journal of Cardiac Surgery</i> , <b>2018</b> , 33, 7-18	1.3	63
172	Frailty and risk in proximal aortic surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2014</b> , 147, 186-191.e163	1.3	63
171	"Hybrid" repair of aneurysms of the transverse aortic arch: midterm results. <i>Annals of Thoracic Surgery</i> , <b>2009</b> , 88, 1882-7; discussion 1887-8	2.7	61
170	Staged total abdominal debranching and thoracic endovascular aortic repair for thoracoabdominal aneurysm. <i>Journal of Vascular Surgery</i> , <b>2012</b> , 56, 621-9	3.5	59
169	Neurological Events Following Transcatheter Aortic Valve Replacement and Their Predictors: A Report From the CoreValve Trials. <i>Circulation: Cardiovascular Interventions</i> , <b>2016</b> , 9,	6	58
168	ROBO4 variants predispose individuals to bicuspid aortic valve and thoracic aortic aneurysm. <i>Nature Genetics</i> , <b>2019</b> , 51, 42-50	36.3	56
167	"Real world" thoracic endografting: results with the Gore TAG device 2 years after U.S. FDA approval. <i>Annals of Thoracic Surgery</i> , <b>2008</b> , 86, 1530-7; discussion 1537-8	2.7	54
166	Hypothermia and cerebral protection strategies in aortic arch surgery: a comparative effectiveness analysis from the STS Adult Cardiac Surgery Database. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2017</b> , 52, 492-498	3	53
165	Outcomes of Thoracic Endovascular Aortic Repair in Acute Type B Aortic Dissection: Results From the Valiant United States Investigational Device Exemption Study. <i>Annals of Thoracic Surgery</i> , <b>2015</b> , 100, 802-8; discussion 808-9	2.7	52
164	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> , <b>2016</b> , 1, 945-949	16.2	51
163	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> , <b>2014</b> , 148, 2869-76.e1-7	1.5	51
162	Management of acute type B aortic dissection. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2013</b> , 145, S202-7	1.5	50

161	Incidence, Management, and Associated Clinical Outcomes of New-Onset Atrial Fibrillation Following Transcatheter Aortic Valve Replacement: An Analysis From the STS/ACC TVT Registry. <i>JACC: Cardiovascular Interventions</i> , <b>2018</b> , 11, 1746-1756	5	50
160	Richard E. Clark Award. Aortic dissection as a complication of cardiac surgery: report from the Society of Thoracic Surgeons database. <i>Annals of Thoracic Surgery</i> , <b>2010</b> , 90, 1812-6; discussion 1816-7	2.7	47
159	Standardizing clinical end points in aortic arch surgery: a consensus statement from the International Aortic Arch Surgery Study Group. <i>Circulation</i> , <b>2014</b> , 129, 1610-6	16.7	46
158	Peripheral Artery Disease and Transcatheter Aortic Valve Replacement Outcomes: A Report From the Society of Thoracic Surgeons/American College of Cardiology Transcatheter Therapy Registry. <i>Circulation: Cardiovascular Interventions</i> , <b>2017</b> , 10,	6	45
157	Cocaine-related aortic dissection: lessons from the International Registry of Acute Aortic Dissection. <i>American Journal of Medicine</i> , <b>2014</b> , 127, 878-85	2.4	45
156	Thoracic endovascular aortic repair for chronic DeBakey IIIb aortic dissection. <i>Annals of Thoracic Surgery</i> , <b>2014</b> , 98, 2092-7; discussion 2098	2.7	45
155	Endovascular repair of descending thoracic aneurysms: results with "on-label" application in the post Food and Drug Administration approval era. <i>Annals of Thoracic Surgery</i> , <b>2010</b> , 90, 83-9	2.7	45
154	2-Year Outcomes After Iliofemoral Self-Expanding Transcatheter Aortic Valve Replacement in Patients With Severe Aortic Stenosis Deemed Extreme Risk for Surgery. <i>Journal of the American College of Cardiology</i> , <b>2015</b> , 66, 1327-34	15.1	44
153	Society for Vascular Surgery (SVS) and Society of Thoracic Surgeons (STS) Reporting Standards for Type B Aortic Dissections. <i>Annals of Thoracic Surgery</i> , <b>2020</b> , 109, 959-981	2.7	44
152	Management of acute type B aortic dissection; ADSORB trial. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2015</b> , 149, S158-62	1.5	43
151	Results with selective preoperative lumbar drain placement for thoracic endovascular aortic repair. <i>Annals of Thoracic Surgery</i> , <b>2013</b> , 95, 1968-74; discussion 1974-5	2.7	43
150	Intraoperative magnesium administration does not improve neurocognitive function after cardiac surgery. <i>Stroke</i> , <b>2013</b> , 44, 3407-13	6.7	43
149	Degree of hypothermia in aortic arch surgery - optimal temperature for cerebral and spinal protection: deep hypothermia remains the gold standard in the absence of randomized data. <i>Annals of Cardiothoracic Surgery</i> , <b>2013</b> , 2, 184-93	4.7	43
148	Intraoperative use of low-dose recombinant activated factor VII during thoracic aortic operations. <i>Annals of Thoracic Surgery</i> , <b>2012</b> , 93, 1921-8; discussion 1928-9	2.7	42
147	Predictors of electrocerebral inactivity with deep hypothermia. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2014</b> , 147, 1002-7	1.5	41
146	Antegrade versus retrograde cerebral perfusion for hemiarch replacement with deep hypothermic circulatory arrest: does it matter? A propensity-matched analysis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2014</b> , 148, 2896-902	1.5	41
145	A meta-analysis of deep hypothermic circulatory arrest alone versus with adjunctive selective antegrade cerebral perfusion. <i>Annals of Cardiothoracic Surgery</i> , <b>2013</b> , 2, 261-70	4.7	41
144	Current management and outcome of chronic type B aortic dissection: results with open and endovascular repair since the advent of thoracic endografting. <i>Annals of Cardiothoracic Surgery</i> , <b>2014</b> , 3, 264-74	4.7	41

143	Long-term results of endovascular repair for descending thoracic aortic aneurysms. <i>Journal of Vascular Surgery</i> , <b>2018</b> , 67, 363-368	3.5	40
142	Predictors of massive transfusion with thoracic aortic procedures involving deep hypothermic circulatory arrest. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2011</b> , 141, 1283-8	1.5	39
141	Safety of Moderate Hypothermia With Antegrade Cerebral Perfusion in Total Aortic Arch Replacement. <i>Annals of Thoracic Surgery</i> , <b>2018</b> , 105, 54-61	2.7	38
140	Acute aortic dissection in blacks: insights from the International Registry of Acute Aortic Dissection. <i>American Journal of Medicine</i> , <b>2013</b> , 126, 909-15	2.4	37
139	Thoracoabdominal aortic aneurysm: hybrid repair outcomes. <i>Annals of Cardiothoracic Surgery</i> , <b>2012</b> , 1, 311-9	4.7	36
138	Metabolic profiles predict adverse events after coronary artery bypass grafting. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2012</b> , 143, 873-8	1.5	35
137	Results of thoracic endovascular aortic repair 6 years after United States Food and Drug Administration approval. <i>Annals of Thoracic Surgery</i> , <b>2012</b> , 94, 1394-9	2.7	35
136	Outcomes of carotid-subclavian bypass performed in the setting of thoracic endovascular aortic repair. <i>Journal of Vascular Surgery</i> , <b>2019</b> , 69, 701-709	3.5	34
135	Elective Aortic Root Replacement in North America: Analysis of STS Adult Cardiac Surgery Database. <i>Annals of Thoracic Surgery</i> , <b>2019</b> , 107, 1307-1312	2.7	33
134	Comparison of aortic annulus size by transesophageal echocardiography and computed tomography angiography with direct surgical measurement. <i>American Journal of Cardiology</i> , <b>2015</b> , 115, 1568-73	3	33
133	Results of Proximal Arch Replacement Using Deep Hypothermia for Circulatory Arrest: Is Moderate Hypothermia Really Justifiable?. <i>American Surgeon</i> , <b>2011</b> , 77, 1438-1444	0.8	33
132	Relationship of the time interval between cardiac catheterization and elective coronary artery bypass surgery with postprocedural acute kidney injury. <i>Circulation</i> , <b>2011</b> , 124, S149-55	16.7	33
131	Does moderate hypothermia really carry less bleeding risk than deep hypothermia for circulatory arrest? A propensity-matched comparison in hemiarch replacement. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2016</b> , 152, 1559-1569.e2	1.5	33
130	Impact of Retrograde Arch Extension in Acute Type B Aortic Dissection on Management and Outcomes. <i>Annals of Thoracic Surgery</i> , <b>2016</b> , 102, 2036-2043	2.7	29
129	Angiogenic therapy for coronary artery and peripheral arterial disease. <i>Expert Review of Cardiovascular Therapy</i> , <b>2005</b> , 3, 521-35	2.5	29
128	Metabolic changes in the normal and hypoxic neonatal myocardium. <i>Annals of the New York Academy of Sciences</i> , <b>1999</b> , 874, 254-61	6.5	29
127	Balloon Post-Dilation Following Implantation of a Self-Expanding Transcatheter Aortic Valve Bioprosthesis. <i>JACC: Cardiovascular Interventions</i> , <b>2017</b> , 10, 168-175	5	27
126	Neurophysiologic intraoperative monitoring during endovascular stent graft repair of the descending thoracic aorta. <i>Journal of Clinical Neurophysiology</i> , <b>2007</b> , 24, 328-35	2.2	26

125	The utility of the aortic dissection team: outcomes and insights after a decade of experience. <i>Annals of Cardiothoracic Surgery</i> , <b>2016</b> , 5, 194-201	4.7	26
124	The risk and extent of neurologic events are equivalent for high-risk patients treated with transcatheter or surgical aortic valve replacement. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2016</b> , 152, 85-96	1.5	26
123	Complementary roles of open and hybrid approaches to thoracoabdominal aortic aneurysm repair. <i>Journal of Vascular Surgery</i> , <b>2016</b> , 64, 1228-1238	3.5	26
122	The ARCH Projects: design and rationale (IAASSG 001). <i>European Journal of Cardio-thoracic Surgery</i> , <b>2014</b> , 45, 10-6	3	25
121	Utility of remote wireless pressure sensing for endovascular leak detection after endovascular thoracic aneurysm repair. <i>Annals of Thoracic Surgery</i> , <b>2010</b> , 89, 446-52	2.7	25
120	Hybrid thoracoabdominal aortic aneurysm repair: concomitant visceral revascularization and endovascular aneurysm exclusion. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , <b>2009</b> , 21, 355-62	1.7	25
119	Results of proximal arch replacement using deep hypothermia for circulatory arrest: is moderate hypothermia really justifiable?. <i>American Surgeon</i> , <b>2011</b> , 77, 1438-44	0.8	25
118	One-year outcomes from the international multicenter study of the Zenith Alpha Thoracic Endovascular Graft for thoracic endovascular repair. <i>Journal of Vascular Surgery</i> , <b>2015</b> , 62, 1485-94.e2	3.5	23
117	Evolving practice pattern changes and outcomes in the era of hybrid aortic arch repair. <i>Journal of Vascular Surgery</i> , <b>2016</b> , 63, 323-31	3.5	23
116	Intrathoracic subclavian artery aneurysm repair in the thoracic endovascular aortic repair era. <i>Journal of Vascular Surgery</i> , <b>2013</b> , 57, 915-25	3.5	23
115	Stent graft-induced new entry tear (SINE): Intentional and NOT. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2019</b> , 157, 101-106.e3	1.5	23
114	Adult surgical experience with Loey's-Dietz syndrome. <i>Annals of Thoracic Surgery</i> , <b>2015</b> , 99, 1275-81	2.7	22
113	Endovascular approaches to complex thoracic aortic disease. <i>Seminars in Cardiothoracic and Vascular Anesthesia</i> , <b>2008</b> , 12, 298-319	1.4	22
112	Intraoperative Magnesium Administration Does Not Reduce Postoperative Atrial Fibrillation After Cardiac Surgery. <i>Anesthesia and Analgesia</i> , <b>2015</b> , 121, 861-867	3.9	21
111	Long-Term Survival After Bovine Pericardial Versus Porcine Stented Bioprosthetic Aortic Valve Replacement: Does Valve Choice Matter?. <i>Annals of Thoracic Surgery</i> , <b>2015</b> , 100, 550-9	2.7	21
110	Imaging Surveillance After Proximal Aortic Operations: Is it Necessary?. <i>Annals of Thoracic Surgery</i> , <b>2017</b> , 103, 734-741	2.7	20
109	Pseudoaneurysm formation after medtronic freestyle porcine aortic bioprosthesis implantation: a word of caution. <i>Annals of Thoracic Surgery</i> , <b>2014</b> , 98, 2061-7	2.7	20
108	A previously unreported complication of apicoaortic conduit for severe aortic stenosis. <i>Annals of Thoracic Surgery</i> , <b>2009</b> , 87, 927-8	2.7	19

107	A comparison of mechanical and laser transmyocardial revascularization for induction of angiogenesis and arteriogenesis in chronically ischemic myocardium. <i>Journal of the American College of Cardiology</i> , <b>2002</b> , 39, 1220-8	15.1	19
106	Transcatheter or Surgical Aortic Valve Replacement in Patients With Prior Coronary Artery Bypass Grafting. <i>Annals of Thoracic Surgery</i> , <b>2016</b> , 101, 72-9; discussion 79	2.7	18
105	Acute aortic dissections with entry tear in the arch: A report from the International Registry of Acute Aortic Dissection. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2019</b> , 157, 66-73	1.5	17
104	Outcomes of Reoperation After Acute Type A Aortic Dissection: Implications for Index Repair Strategy. <i>Journal of the American Heart Association</i> , <b>2017</b> , 6,	6	16
103	Two-stage total cardioaortic replacement for end-stage heart and aortic disease in Marfan syndrome: case report and review of the literature. <i>Journal of Heart and Lung Transplantation</i> , <b>2009</b> , 28, 958-63	5.8	16
102	Changes in Risk Profile and Outcomes of Patients Undergoing Surgical Aortic Valve Replacement From the Pre- to Post-Transcatheter Aortic Valve Replacement Eras. <i>Annals of Thoracic Surgery</i> , <b>2016</b> , 101, 110-7	2.7	16
101	Electroencephalography During Hemiarch Replacement With Moderate Hypothermic Circulatory Arrest. <i>Annals of Thoracic Surgery</i> , <b>2016</b> , 101, 631-7	2.7	16
100	Short-term and intermediate-term outcomes of aortic root replacement with St. Jude mechanical conduits and aortic allografts. <i>Annals of Thoracic Surgery</i> , <b>2006</b> , 82, 579-85; discussion 585	2.7	15
99	Radiation-associated valvular heart disease. <i>Journal of Heart Valve Disease</i> , <b>2013</b> , 22, 883-92		15
98	Use of human fibrinogen concentrate during proximal aortic reconstruction with deep hypothermic circulatory arrest. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2016</b> , 151, 376-82	1.5	14
97	Cardiac catheterization within 1 to 3 days of proximal aortic surgery is not associated with increased postoperative acute kidney injury. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2012</b> , 143, 1404-10	1.5	14
96	Insurance status is associated with acuity of presentation and outcomes for thoracic aortic operations. <i>Circulation: Cardiovascular Quality and Outcomes</i> , <b>2014</b> , 7, 398-406	5.8	14
95	Comparison of attachment site endoleak rates in Dacron versus native aorta landing zones after thoracic endovascular aortic repair. <i>Journal of Vascular Surgery</i> , <b>2014</b> , 59, 921-9	3.5	14
94	Epigenetic profiling identifies novel genes for ascending aortic aneurysm formation with bicuspid aortic valves. <i>Heart Surgery Forum</i> , <b>2015</b> , 18, E134-9	0.7	14
93	Neurophysiological Intraoperative Monitoring During Aortic Arch Surgery. <i>Seminars in Cardiothoracic and Vascular Anesthesia</i> , <b>2016</b> , 20, 273-282	1.4	14
92	Risk factors for 1-year mortality after thoracic endovascular aortic repair. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2013</b> , 145, 1242-7	1.5	13
91	Total aortic replacement in Loays-Dietz syndrome. <i>Journal of Cardiac Surgery</i> , <b>2011</b> , 26, 304-8	1.3	13
90	Endovascular thoracic aortic aneurysm repair with concomitant myocardial and carotid revascularization. <i>Annals of Thoracic Surgery</i> , <b>2007</b> , 84, e1-3	2.7	13

89	Two-stage total aortic replacement for Loeys-Dietz syndrome. <i>Journal of Cardiac Surgery</i> , <b>2010</b> , 25, 223-4.	4.3	12
88	Reimplantation technique (David operation) for multiple sinus of valsalva aneurysms. <i>Annals of Thoracic Surgery</i> , <b>2006</b> , 82, e14-6	2.7	12
87	Intramyocardial and intracoronary basic fibroblast growth factor in porcine hibernating myocardium: a comparative study. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2004</b> , 127, 34-43	1.5	12
86	Thoracic endovascular aortic repair for the ascending aorta: experience and pitfalls. <i>Journal of Visualized Surgery</i> , <b>2018</b> , 4, 92	0.3	12
85	Permissive Hypertension and Collateral Revascularization May Allow Avoidance of Cerebrospinal Fluid Drainage in Thoracic Endovascular Aortic Repair. <i>Annals of Thoracic Surgery</i> , <b>2020</b> , 110, 1469-1474	2.7	11
84	Prolonged postoperative respiratory support after proximal thoracic aortic surgery: Is deep hypothermic circulatory arrest a risk factor?. <i>Journal of Critical Care</i> , <b>2016</b> , 31, 125-9	4	11
83	Insurance status predicts acuity of thoracic aortic operations. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2014</b> , 148, 2082-6	1.5	11
82	Novel approach to the treatment of distal malperfusion secondary to ascending aortic dissection. <i>Journal of Cardiac Surgery</i> , <b>2010</b> , 25, 220-2	1.3	11
81	Surgical options to contend with thoracic aortic pathology. <i>Seminars in Roentgenology</i> , <b>2009</b> , 44, 29-51	0.8	11
80	Individualized thoracic aortic replacement for the aortopathy of bicuspid aortic valve disease. <i>Journal of Heart Valve Disease</i> , <b>2011</b> , 20, 387-95		11
79	When to Consider Deferral of Surgery in Acute Type A Aortic Dissection: A Review. <i>Annals of Thoracic Surgery</i> , <b>2021</b> , 111, 1754-1762	2.7	11
78	Stroke and Cardiovascular Outcomes in Patients With Carotid Disease Undergoing Transcatheter Aortic Valve Replacement. <i>Circulation: Cardiovascular Interventions</i> , <b>2018</b> , 11, e006322	6	10
77	Immediate mechanical effects of acute left bundle branch block by speckle tracked strain. <i>Journal of Electrocardiology</i> , <b>2015</b> , 48, 643-51	1.4	10
76	Analysis of geographic variations in the diagnosis and treatment of patients with aortic stenosis in North Carolina. <i>American Journal of Cardiology</i> , <b>2014</b> , 113, 1874-8	3	10
75	Management of patients with bicuspid aortic valve disease. <i>Current Treatment Options in Cardiovascular Medicine</i> , <b>2011</b> , 13, 489-505	2.1	10
74	Aggressive aortic replacement for Loeys-Dietz syndrome. <i>Texas Heart Institute Journal</i> , <b>2011</b> , 38, 663-6	0.8	10
73	Incidence of strict versus nonstrict left bundle branch block after transcatheter aortic valve replacement. <i>American Heart Journal</i> , <b>2015</b> , 169, 438-44	4.9	9
72	Thoracic endografting in a patient with hereditary hemorrhagic telangiectasia presenting with a descending thoracic aneurysm. <i>Journal of Vascular Surgery</i> , <b>2010</b> , 51, 468-70	3.5	9



71	Outcomes of Planned Two-Stage Hybrid Aortic Repair With Dacron-Replaced Proximal Landing Zone. <i>Annals of Thoracic Surgery</i> , <b>2018</b> , 106, 1136-1142	2.7	9
70	Assessment of single-bolus contrast administration technique using hybrid dual-source ECG-gated thoracic and dual-source non-ECG-gated high-pitch abdominopelvic CT acquisitions for procedural planning before transcatheter aortic valve replacement. <i>Journal of Computer Assisted Tomography</i> , <b>2015</b> , 39, 207-12	2.2	8
69	Role of cardiac evaluation before thoracic endovascular aortic repair. <i>Journal of Vascular Surgery</i> , <b>2014</b> , 60, 1196-1203	3.5	7
68	Mast cell activation and arterial hypotension during proximal aortic repair requiring hypothermic circulatory arrest. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2017</b> , 153, 68-76.e2	1.5	7
67	Regional cardiac sympathetic innervation early and late after transmyocardial laser revascularization. <i>Journal of Cardiac Surgery</i> , <b>2004</b> , 19, 21-7	1.3	7
66	The Society of Thoracic Surgeons/American Association for Thoracic Surgery Clinical Practice Guidelines on the Management of Type B Aortic Dissection.. <i>Annals of Thoracic Surgery</i> , <b>2022</b> ,	2.7	7
65	Endovascular Repair of Chronic Type B Aortic Dissection With Aneurysmal Degeneration. <i>Operative Techniques in Thoracic and Cardiovascular Surgery</i> , <b>2013</b> , 18, 101-116	0.9	6
64	Transcatheter aortic valve replacement performed via left ventricular assist device inflow cannula. <i>Circulation: Heart Failure</i> , <b>2014</b> , 7, 544-6	7.6	6
63	Risk-adjusted survival after tissue versus mechanical aortic valve replacement: a 23-year assessment. <i>Journal of Heart Valve Disease</i> , <b>2013</b> , 22, 810-6		6
62	Five-year outcomes of endovascular repair of complicated acute type B aortic dissections. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2020</b> ,	1.5	6
61	Geographic Access to Transcatheter Aortic Valve Replacement Centers in the United States: Insights From the Society of Thoracic Surgeons/American College of Cardiology Transcatheter Valve Therapy Registry. <i>JAMA Cardiology</i> , <b>2020</b> , 5, 1006-1010	16.2	5
60	Aortic valve repair with a newly approved geometric annuloplasty ring in patients undergoing proximal aortic repair: early results from a single-centre experience. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2020</b> , 57, 1137-1144	3	5
59	Pan-aortic hybrid treatment of mega-aorta syndrome. <i>Journal of Vascular Surgery</i> , <b>2011</b> , 53, 1398-401	3.5	5
58	The Society of Thoracic Surgeons/American Association for Thoracic Surgery clinical practice guidelines on the management of type B aortic dissection.. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2022</b> ,	1.5	5
57	Long-term outcomes of aortic root operations in the United States among Medicare beneficiaries. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2021</b> ,	1.5	5
56	Resolution of severe hemolysis and paravalvular aortic regurgitation employing an Amplatzer Vascular Plug 4: the importance of detailed pre-procedural planning using CT angiography. <i>Cardiovascular Intervention and Therapeutics</i> , <b>2017</b> , 32, 48-52	2.5	4
55	Transcatheter aortic valve replacement for patients with severe bicuspid aortic stenosis. <i>American Heart Journal</i> , <b>2020</b> , 224, 105-112	4.9	4
54	Reply: To PMID 25301369. <i>Annals of Thoracic Surgery</i> , <b>2015</b> , 100, 1508	2.7	4

53	Current state of hybrid solutions for aortic arch aneurysms.. <i>Annals of Cardiothoracic Surgery</i> , <b>2021</b> , 10, 731-743	4.7	4
52	Commentary: Left subclavian artery revascularization during zone 2 thoracic endovascular aortic repair: Bypass versus transposition? Just do it!. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2020</b> , 159, 1228-1230	1.5	4
51	Risk Prediction Model for Major Adverse Outcome in Proximal Thoracic Aortic Surgery. <i>Annals of Thoracic Surgery</i> , <b>2019</b> , 107, 795-801	2.7	3
50	Predicting In-Hospital Survival in Acute Type A Aortic Dissection Medically Treated. <i>Journal of the American College of Cardiology</i> , <b>2020</b> , 75, 1360-1361	15.1	3
49	Relation of Postdischarge Care Fragmentation and Outcomes in Transcatheter Aortic Valve Implantation from the STS/ACC TVT Registry. <i>American Journal of Cardiology</i> , <b>2019</b> , 124, 912-919	3	3
48	Ascending-descending aortic bypass with valve-sparing root replacement for coarctation with aortic root aneurysm. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2012</b> , 143, 514-5	1.5	3
47	Aortic Valve Replacement via Right Minithoracotomy versus Median Sternotomy. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , <b>2014</b> , 9, 75-81	1.5	3
46	Geometric ring annuloplasty for bicuspid aortic valve repair in a child. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2020</b> , 159, e135-e137	1.5	3
45	Aortic Valve Repair Using Geometric Ring Annuloplasty. <i>Operative Techniques in Thoracic and Cardiovascular Surgery</i> , <b>2021</b> , 26, 173-188	0.9	3
44	Factor VIIa for Annulus Rupture After Transcatheter Aortic Valve Replacement. <i>Annals of Thoracic Surgery</i> , <b>2015</b> , 100, 313-5	2.7	2
43	Aortic subannular left ventricular aneurysm: a rare and surgically correctable cause of angina. <i>Annals of Thoracic Surgery</i> , <b>2014</b> , 97, 313-5	2.7	2
42	National trends in repair for type B aortic dissection. <i>Clinical Cardiology</i> , <b>2021</b> , 44, 1058-1068	3.3	2
41	Valve-in-Ring Transcatheter Aortic Valve Replacement After Left Ventricular Assist Device Therapy. <i>Annals of Thoracic Surgery</i> , <b>2020</b> , 109, e163-e165	2.7	2
40	Commentary: Lack of screening makes primary prevention most effective to reduce the mortality of aortic dissection. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2021</b> , 161, 1202-1203	1.5	2
39	Does deeper hypothermia reduce the risk of acute kidney injury after circulatory arrest for aortic arch surgery?. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2021</b> , 60, 314-321	3	2
38	Factors Associated With and Outcomes of Aborted Procedures During Elective Transcatheter Aortic Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , <b>2019</b> , 12, 1768-1777	5	1
37	Commentary: Go "all in" the way they do in Texas-Or wait to see how the hand plays out? Extent of distal repair for acute type I dissection. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2019</b> , 158, 1283-1284	1.5	1
36	Impact of dual energy cardiac CT for metal artefact reduction post aortic valve replacement. <i>European Journal of Radiology</i> , <b>2020</b> , 129, 109135	4.7	1

35	Fluoroscopic characterization of surgical bioprosthetic heart valves. <i>Catheterization and Cardiovascular Interventions</i> , <b>2015</b> , 85, 1274-6	2.7	1
34	Conformable Gore <sup>®</sup> TAG <sup>®</sup> Thoracic Endoprosthesis for the treatment of thoracic aortic aneurysms. <i>Interventional Cardiology</i> , <b>2013</b> , 5, 267-274	3	1
33	Endovascular repair will be the best option for thoracoabdominal aortic aneurysm in 2020. <i>Texas Heart Institute Journal</i> , <b>2012</b> , 39, 834-5	0.8	1
32	Acute Type A Aortic Dissection: When Not to Operate <b>2021</b> , 519-534		1
31	Protocolized hemostatic factor use in major thoracic aortic surgery. <i>Journal of Cardiovascular Surgery</i> , <b>2019</b> , 60, 633-636	0.7	1
30	Invited Commentary. <i>Annals of Thoracic Surgery</i> , <b>2020</b> , 109, 33-35	2.7	1
29	Surgical Sutureless and Sutured Aortic Valve Replacement in Low-risk Patients. <i>Annals of Thoracic Surgery</i> , <b>2021</b> ,	2.7	1
28	Long-term outcomes of aortic root replacement for endocarditis. <i>Journal of Cardiac Surgery</i> , <b>2021</b> , 36, 1969-1978	1.3	1
27	TEVAR for Chronic Type B Dissection: Highlighting the Importance of Patient Selection, Adjunctive False Lumen Procedures, Speaking the Same Language, and Industry Collaboration. <i>Annals of Thoracic Surgery</i> , <b>2021</b> , 111, 501-502	2.7	1
26	Reply: The future of guideline-based prophylactic proximal aortic surgery is "patient-specific" but not diameter-based metrics. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2021</b> , 161, e256-e257	1.5	1
25	Repair of Bicuspid Aortic Valve Syndrome with Anomalous Right Coronary Artery in Osteogenesis Imperfecta. <i>Journal of Heart Valve Disease</i> , <b>2015</b> , 24, 666-668		1
24	The Modified Ross Procedure with Prosthetic Graft Wrap Does Not Prevent Autograft Failure. <i>Journal of Heart Valve Disease</i> , <b>2017</b> , 26, 735-737		1
23	Tailored approach and outcomes of aortic arch reconstruction after acute type A dissection repair.. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2022</b> ,	1.5	1
22	Early Outcomes of Patients Undergoing Neoaortic Valve Repair Incorporating Geometric Ring Annuloplasty.. <i>World Journal for Pediatric &amp; Congenital Heart Surgery</i> , <b>2022</b> , 13, 304-309	1.1	1
21	Commentary: Structural abnormalities after Freestyle full aortic root replacement: Time to accept the facts. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2021</b> ,	1.5	0
20	Transcatheter Aortic Valve Replacement versus Medical Management among Patients with Aortic Stenosis and Left Ventricular Systolic Dysfunction. <i>Structural Heart</i> , <b>2018</b> , 2, 388-395	0.6	0
19	Location of Aortic Enlargement and Risk of Type A Dissection at Smaller Diameters.. <i>Journal of the American College of Cardiology</i> , <b>2022</b> , 79, 1890-1897	15.1	0
18	Valvular Disease in Marfan Syndrome: Surgical Considerations and Management. <i>Current Cardiology Reports</i> , <b>2019</b> , 21, 23	4.2	

17	Back stabber: ladder fall causing traumatic aortic transection. <i>Asian Cardiovascular and Thoracic Annals</i> , <b>2019</b> , 27, 302-303	0.6
16	INVITED COMMENTARY. <i>Annals of Thoracic Surgery</i> , <b>2020</b> , 110, 38-39	2.7
15	Invited Commentary. <i>Annals of Thoracic Surgery</i> , <b>2016</b> , 101, 152-3	2.7
14	Invited Commentary. <i>Annals of Thoracic Surgery</i> , <b>2016</b> , 101, 973	2.7
13	Invited Commentary. <i>Annals of Thoracic Surgery</i> , <b>2016</b> , 101, 2235-6	2.7
12	Reply to the editor. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2013</b> , 145, 313-4	1.5
11	Therapeutic Angiogenesis and Myocardial Regeneration <b>2005</b> , 271-292	
10	Acute Type B Aortic Dissection <b>2020</b> , 487-496	
9	Debranching Concepts and Techniques for Arch Surgery <b>2019</b> , 1009-1025	
8	Balloon Post-dilation During Transcatheter Aortic Valve Implantation <b>2019</b> , 351-362	
7	Contemporary Considerations in Aortic Valve Surgery <b>2009</b> , 281-310	
6	Six Year, Single Institution, off-Label Use of Recombinant Factor VIIa. <i>Blood</i> , <b>2010</b> , 116, 1402-1402	2.2
5	Perioperative Transfusion Practices and Aortic Root Replacement: The Devil Is in the Details. <i>Annals of Thoracic Surgery</i> , <b>2020</b> , 110, 1234	2.7
4	Independent Validation of the Ozaki Procedure: A Welcome Addition to the Literature But the Jury Is Still Out. <i>Annals of Thoracic Surgery</i> , <b>2021</b> , 111, 1944	2.7
3	Commentary: Branched Endograft Repair of Thoracoabdominal Aortic Aneurysm Finally Ready for Prime Time. <i>Operative Techniques in Thoracic and Cardiovascular Surgery</i> , <b>2021</b> , 26, 20-22	0.9
2	Commentary: Mechanical aortic graft injury after thoracoabdominal aortic aneurysm repair: A reminder that even the little details matter. <i>JTCVS Techniques</i> , <b>2021</b> , 8, 44-45	0.2
1	Complex Repair of a Completely Fused Noncuspid Aortic Valve Late in Adolescence. <i>World Journal for Pediatric &amp; Congenital Heart Surgery</i> , <b>2021</b> , 12, 790-793	1.1