

Joseph E Bavaria

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

139
papers

13,063
citations

35
h-index

114
g-index

150
ext. papers

16,145
ext. citations

4
avg. IF

5.7
L-index

#	Paper	IF	Citations
139	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> , 2022 ,	1.5	5
138	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> , 2022 ,	2.7	7
137	Five-year Outcomes of the COMMENCE Trial Investigating Aortic Valve Replacement with RESILIA Tissue.. <i>Annals of Thoracic Surgery</i> , 2022 ,	2.7	5
136	Practice Patterns and Outcomes of Transcatheter Aortic Valve Replacement in the United States and Japan: A Report From Joint Data Harmonization Initiative of STS/ACC TVT and J-TVT.. <i>Journal of the American Heart Association</i> , 2022 , e023848	6	1
135	Patients with Atrial Fibrillation Benefit from SAVR with Surgical Ablation Compared to TAVR Alone.. <i>Cardiology and Therapy</i> , 2022 , 1	2.8	
134	Intermediate-term outcomes of aortic valve replacement using a bioprosthesis with a novel tissue. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 , 162, 1478-1485	1.5	11
133	Association of Volume and Outcomes in 234,556 Patients Undergoing Surgical Aortic Valve Replacement. <i>Annals of Thoracic Surgery</i> , 2021 ,	2.7	1
132	Socioeconomic and Geographic Characteristics of Hospitals Establishing Transcatheter Aortic Valve Replacement Programs, 2012-2018. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2021 , 14, e008260 ^{5.8}	5.8	2
131	Evaluation of the Gore TAG thoracic branch endoprosthesis in the treatment of proximal descending thoracic aortic aneurysms. <i>Journal of Vascular Surgery</i> , 2021 , 74, 1483-1490.e2	3.5	5
130	Effect of Aortic Valve Type on Patients Who Undergo Type A Aortic Dissection Repair. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2021 ,	1.7	1
129	The impact of surgeon and hospital procedural volume on outcomes after aortic root replacement in the United States. <i>Journal of Cardiac Surgery</i> , 2021 , 36, 2669-2676	1.3	0
128	Management of arch aneurysms with a single-branch thoracic endograft in zone 0. <i>JTCVS Techniques</i> , 2021 , 7, 1-6	0.2	3
127	Impact of short-term complications of transcatheter aortic valve replacement on longer-term outcomes: results from the STS/ACC Transcatheter Valve Therapy Registry. <i>European Heart Journal Quality of Care & Clinical Outcomes</i> , 2021 , 7, 208-213	4.6	12
126	Recurrent aortic insufficiency after emergency surgery for acute type A aortic dissection with aortic root preservation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 , 161, 1989-2000.e6	1.5	4
125	STS-ACC TVT Registry of Transcatheter Aortic Valve Replacement. <i>Annals of Thoracic Surgery</i> , 2021 , 111, 701-722	2.7	20
124	Long-term outcomes of aortic root operations in the United States among Medicare beneficiaries. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 ,	1.5	5
123	Composite Metric for Benchmarking Site Performance in Transcatheter Aortic Valve Replacement: Results From the STS/ACC TVT Registry. <i>Circulation</i> , 2021 , 144, 186-194	16.7	3

122	STS-ACC TVT Registry of Transcatheter Aortic Valve Replacement. <i>Journal of the American College of Cardiology</i> , 2020 , 76, 2492-2516	15.1	130
121	Midterm outcomes and durability of sinus segment preservation compared with root replacement for acute type A aortic dissection. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 ,	1.5	2
120	State-of-the art bicuspid aortic valve repair in 2020. <i>Progress in Cardiovascular Diseases</i> , 2020 , 63, 457-468.	4.5	18
119	Midterm outcomes of emergency surgery for acute type A aortic dissection in octogenarians. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 ,	1.5	3
118	Letter by Stetson et al Regarding Article, "Episode Payments for Transcatheter and Surgical Aortic Valve Replacement". <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2020 , 13, e006493	5.8	
117	Fate of the Preserved Sinuses of Valsalva After Emergency Repair for Acute Type A Aortic Dissection. <i>Annals of Thoracic Surgery</i> , 2020 , 110, 1476-1483	2.7	1
116	Society for Vascular Surgery (SVS) and Society of Thoracic Surgeons (STS) reporting standards for type B aortic dissections. <i>Journal of Vascular Surgery</i> , 2020 , 71, 723-747	3.5	117
115	Thoracic Endovascular Aneurysm Repair Trends and Outcomes in Over 27,000 Medicare Patients for Descending Thoracic Aneurysms. <i>Annals of Thoracic Surgery</i> , 2020 , 109, 1757-1764	2.7	8
114	Preoperative neurological deficit in acute type A aortic dissection. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2020 , 30, 613-619	1.8	11
113	Society for Vascular Surgery (SVS) and Society of Thoracic Surgeons (STS) Reporting Standards for Type B Aortic Dissections. <i>Annals of Thoracic Surgery</i> , 2020 , 109, 959-981	2.7	44
112	Five-year outcomes of endovascular repair of complicated acute type B aortic dissections. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 ,	1.5	6
111	Study Design of the Prospective Non-Randomized Single-Arm Multicenter Evaluation of the Durability of Aortic Bioprosthetic Valves with RESILIA Tissue in Subjects under 65 Years Old (RESILIENCE Trial). <i>Structural Heart</i> , 2020 , 4, 46-52	0.6	6
110	Two different geometric orientations for aortic neoroot creation in bicuspid aortic valve repair with root reimplantation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 , 160, 47-57	1.5	6
109	Glycation and Serum Albumin Infiltration Contribute to the Structural Degeneration of Bioprosthetic Heart Valves. <i>JACC Basic To Translational Science</i> , 2020 , 5, 755-766	8.7	7
108	Triage and management of aortic emergencies during the coronavirus disease 2019 (COVID-19) pandemic: A consensus document supported by the American Association for Thoracic Surgery (AATS) and Asian Society for Cardiovascular and Thoracic Surgery (ASCVTS). <i>Asian Cardiovascular and Thoracic Annals</i> , 2020 , 218492320974505	0.6	
107	A biological approach to aortic valve disease: durability and survival. <i>Nature Reviews Cardiology</i> , 2020 , 17, 754-756	14.8	1
106	Type A Aortic Dissection in Patients With Bicuspid Aortic Valve Aortopathy. <i>Annals of Thoracic Surgery</i> , 2020 , 109, 94-100	2.7	13
105	The Role of Thoracic Endovascular Repair in Chronic Type B Aortic Dissection. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2020 , 32, 21-24	1.7	6

104	Factors associated with acute stroke after type A aortic dissection repair: An analysis of the Society of Thoracic Surgeons National Adult Cardiac Surgery Database. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 , 159, 2143-2154.e3	1.5	44
103	Common carotid artery true lumen flow impairment in patients with type A aortic dissection. <i>European Journal of Cardio-thoracic Surgery</i> , 2020 ,	3	1
102	Selection of prosthetic aortic valve and root replacement in patients younger than age 30 years. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 , 157, 714-725	1.5	7
101	Cognition and Cerebral Infarction in Older Adults After Surgical Aortic Valve Replacement. <i>Annals of Thoracic Surgery</i> , 2019 , 107, 787-794	2.7	15
100	Bicuspid aortic valve repair: systematic review on long-term outcomes. <i>Annals of Cardiothoracic Surgery</i> , 2019 , 8, 302-312	4.7	16
99	Hemoadsorption to Reduce Plasma-Free Hemoglobin During Cardiac Surgery: Results of REFRESH I Pilot Study. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2019 , 31, 783-793	1.7	15
98	2019 AATS/ACC/ASE/SCAI/STS Expert Consensus Systems of Care Document: A Proposal to Optimize Care for Patients With Valvular Heart Disease: A Joint Report of the American Association for Thoracic Surgery, American College of Cardiology, American Society of Echocardiography, Society for Cardiovascular Angiography and Interventions, and Society of Thoracic Surgeons. <i>Journal of the American College of Cardiology</i> , 2019 , 73, 2609-2635	15.1	45
97	Impact of Carotid Artery Involvement in Type A Aortic Dissection. <i>Circulation</i> , 2019 , 139, 1977-1978	16.7	9
96	Development and Application of a Risk Prediction Model for In-Hospital Stroke After Transcatheter Aortic Valve Replacement: A Report From The Society of Thoracic Surgeons/American College of Cardiology Transcatheter Valve Therapy Registry. <i>Annals of Thoracic Surgery</i> , 2019 , 107, 1097-1103	2.7	22
95	Resection of noncoronary sinus segment in a nonaneurysmal root: To do or not to do. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 , 157, e321	1.5	
94	The train has left: Can surgeons still get a ticket to treat structural heart disease?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 , 157, 2369-2376.e2	1.5	20
93	Anatomic feasibility of an endovascular valve-carrying conduit for the treatment of type A aortic dissection. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 , 157, 26-34.e1	1.5	20
92	2018 AATS/ACC/SCAI/STS Expert Consensus Systems of Care Document: Operator and Institutional Recommendations and Requirements for Transcatheter Aortic Valve Replacement: A Joint Report of the American Association for Thoracic Surgery, American College of Cardiology, Society for Cardiovascular Angiography and Interventions, and Society of Thoracic Surgeons. <i>Journal of the American College of Cardiology</i> , 2019 , 73, 2609-2635	15.1	63
91	Outcome after aortic, axillary, or femoral cannulation for acute type A aortic dissection. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 , 158, 27-34.e9	1.5	28
90	Influence of Age and the Burden of Ischemic Injury on the Outcome of Type A Aortic Dissection Repair. <i>Annals of Thoracic Surgery</i> , 2019 , 108, 1391-1397	2.7	11
89	Invited Commentary. <i>Annals of Thoracic Surgery</i> , 2019 , 108, 722	2.7	
88	Management of Patients With Coronary Artery Malperfusion Secondary to Type A Aortic Dissection. <i>Annals of Thoracic Surgery</i> , 2019 , 107, 1174-1180	2.7	20
87	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> , 2019 , 157, 66-73	1.5	17

86	Functional Outcomes of Type I Bicuspid Aortic Valve Repair With Annular Stabilization: Subcommissural Annuloplasty Versus External Subannular Aortic Ring. <i>Annals of Thoracic Surgery</i> , 2019 , 107, 68-75	2.7	4
85	Threshold for intervention upon ascending aortic aneurysms: an evolving target and implication of bicuspid aortic valve. <i>Indian Journal of Thoracic and Cardiovascular Surgery</i> , 2019 , 35, 96-105	0.4	
84	Association of Tricuspid Regurgitation With Transcatheter Aortic Valve Replacement Outcomes: A Report From The Society of Thoracic Surgeons/American College of Cardiology Transcatheter Valve Therapy Registry. <i>Annals of Thoracic Surgery</i> , 2018 , 105, 1121-1128	2.7	19
83	Outcome After Operation for Aortic Dissection Type A in Morbidly Obese Patients. <i>Annals of Thoracic Surgery</i> , 2018 , 106, 491-497	2.7	10
82	Management of the moderately dilated sinus of Valsalva: To cut or not to cut?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018 , 155, 526-527	1.5	
81	Facilitating Hemostasis After Proximal Aortic Surgery: Results of The PROTECT Trial. <i>Annals of Thoracic Surgery</i> , 2018 , 105, 1357-1364	2.7	4
80	Predicting Distal Aortic Remodeling After Endovascular Repair for Chronic DeBakey III Aortic Dissection. <i>Annals of Thoracic Surgery</i> , 2018 , 105, 1691-1696	2.7	25
79	Impact of acute postoperative limb ischemia after cardiac and thoracic aortic surgery. <i>Journal of Vascular Surgery</i> , 2018 , 67, 1530-1536.e2	3.5	4
78	Long-term outcome of surgical cryoablation for refractory ventricular tachycardia in patients with non-ischemic cardiomyopathy. <i>Europace</i> , 2018 , 20, e30-e41	3.9	14
77	Aortic Regurgitation in Acute Type-A Aortic Dissection: A Clinical Classification for the Perioperative Echocardiographer in the Era of the Functional Aortic Annulus. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2018 , 32, 586-597	2.1	26
76	Reframing the Biological Basis of Neuroprotection Using Functional Genomics: Differentially Weighted, Time-Dependent Multifactor Pathogenesis of Human Ischemic Brain Damage. <i>Frontiers in Neurology</i> , 2018 , 9, 497	4.1	4
75	Association of Renin-Angiotensin Inhibitor Treatment With Mortality and Heart Failure Readmission in Patients With Transcatheter Aortic Valve Replacement. <i>JAMA - Journal of the American Medical Association</i> , 2018 , 320, 2231-2241	27.4	44
74	Predictors of Recurrent Aortic Insufficiency in Type I Bicuspid Aortic Valve Repair. <i>Annals of Thoracic Surgery</i> , 2018 , 106, 1316-1324	2.7	14
73	Simplifying aortic arch surgery: open zone 2 arch with single branched thoracic endovascular aortic repair completion. <i>Annals of Cardiothoracic Surgery</i> , 2018 , 7, 351-356	4.7	18
72	Techniques and outcomes of secondary open repair for chronic dissection after acute repair of type A aortic dissection. <i>Journal of Cardiovascular Surgery</i> , 2018 , 59, 759-766	0.7	1
71	Midterm, multicenter clinical and hemodynamic results for the Trifecta aortic pericardial valve. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017 , 153, 561-569.e2	1.5	63
70	2016 Annual Report of The Society of Thoracic Surgeons/American College of Cardiology Transcatheter Valve Therapy Registry. <i>Annals of Thoracic Surgery</i> , 2017 , 103, 1021-1035	2.7	32
69	Concomitant Endografting of a Type B Aortic Dissection During Transfemoral Aortic Valve Replacement. <i>Annals of Thoracic Surgery</i> , 2017 , 103, e223-e224	2.7	6

68	Surgeon Involvement in Transcatheter Aortic Valve Replacement in the United States: A 2016 Society of Thoracic Surgeons Survey. <i>Annals of Thoracic Surgery</i> , 2017 , 104, 1088-1093	2.7	17
67	Outcomes, readmissions, and costs in transfemoral and alterative access transcatheter aortic valve replacement in the US Medicare population. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017 , 154, 1224-1232.e1	1.5	17
66	Outcomes of Elective Aortic Hemiarch Reconstruction for Aneurysmal Disease in the Elderly. <i>Annals of Thoracic Surgery</i> , 2017 , 104, 1522-1530	2.7	23
65	Fate of remnant sinuses of Valsalva in patients with bicuspid and trileaflet valves undergoing aortic valve, ascending aorta, and aortic arch replacement. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017 , 154, 421-432	1.5	20
64	The COMMENCE trial: 2-year outcomes with an aortic bioprosthesis with RESILIA tissue. <i>European Journal of Cardio-thoracic Surgery</i> , 2017 , 52, 432-439	3	51
63	2016 Annual Report of The Society of Thoracic Surgeons/American College of Cardiology Transcatheter Valve Therapy Registry. <i>Journal of the American College of Cardiology</i> , 2017 , 69, 1215-1230	15.1	334
62	Conscious Sedation Versus General Anesthesia for Transcatheter Aortic Valve Replacement: Insights from the National Cardiovascular Data Registry Society of Thoracic Surgeons/American College of Cardiology Transcatheter Valve Therapy Registry. <i>Circulation</i> , 2017 , 136, 2132-2140	16.7	137
61	Central cannulation strategy for extent I thoracoabdominal aneurysm repair of chronic type B aortic dissection. <i>Journal of Cardiac Surgery</i> , 2017 , 32, 494-499	1.3	3
60	Thoracic aortic surgery enters the era of big data. <i>European Journal of Cardio-thoracic Surgery</i> , 2017 , 52, 499-500	3	4
59	Cost and contribution margin of transcatheter versus surgical aortic valve replacement. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017 , 154, 1872-1880.e1	1.5	27
58	The role of extracorporeal membrane oxygenator therapy in the setting of Type A aortic dissection. <i>Journal of Cardiac Surgery</i> , 2017 , 32, 822-825	1.3	26
57	Risk Aversion and Public Reporting. Part 2: Mitigation Strategies. <i>Annals of Thoracic Surgery</i> , 2017 , 104, 2102-2110	2.7	21
56	Risk Aversion and Public Reporting. Part 1: Observations From Cardiac Surgery and Interventional Cardiology. <i>Annals of Thoracic Surgery</i> , 2017 , 104, 2093-2101	2.7	31
55	Central Repair With Antegrade TEVAR for Malperfusion Syndromes in Acute DeBakey I Aortic Dissection. <i>Annals of Thoracic Surgery</i> , 2017 , 103, 748-755	2.7	33
54	Pathogenesis and Risk Factors for Cerebral Infarct After Surgical Aortic Valve Replacement. <i>Stroke</i> , 2016 , 47, 2130-2	6.7	18
53	Pathway for Surgeons and Programs to Establish and Maintain a Successful Robot-Assisted Adult Cardiac Surgery Program. <i>Annals of Thoracic Surgery</i> , 2016 , 102, 340-4	2.7	9
52	The Society of Thoracic Surgeons National Database 2016 Annual Report. <i>Annals of Thoracic Surgery</i> , 2016 , 102, 1790-1797	2.7	27
51	Bicuspid Aortic Insufficiency With Aortic Root Aneurysm: Root Reimplantation Versus Bentall Root Replacement. <i>Annals of Thoracic Surgery</i> , 2016 , 102, 1221-8	2.7	22

50	Branched Endovascular Therapy of the Distal Aortic Arch: Preliminary Results of the Feasibility Multicenter Trial of the Gore Thoracic Branch Endoprosthesis. <i>Annals of Thoracic Surgery</i> , 2016 , 102, 1190-8	2.7	76
49	The Impact of Deep Versus Moderate Hypothermia on Postoperative Kidney Function After Elective Aortic Hemiarch Repair. <i>Annals of Thoracic Surgery</i> , 2016 , 102, 1313-21	2.7	40
48	Evaluation of Flow After Transcatheter Aortic Valve Replacement in Patients With Low-Flow Aortic Stenosis: A Secondary Analysis of the PARTNER Randomized Clinical Trial. <i>JAMA Cardiology</i> , 2016 , 1, 584-92	16.2	34
47	How I Teach a Valve-Sparing Root Replacement. <i>Annals of Thoracic Surgery</i> , 2016 , 101, 422-5	2.7	32
46	Hemiarch replacement with concomitant antegrade stent grafting of the descending thoracic aorta versus total arch replacement for treatment of acute DeBakey I aortic dissection with arch tear. <i>European Journal of Cardio-thoracic Surgery</i> , 2016 , 49, 1256-61; discussion 1261	3	18
45	Routine use of hemiarch during acute type A aortic dissection repair. <i>Annals of Cardiothoracic Surgery</i> , 2016 , 5, 245-7	4.7	28
44	Sodium bicarbonate use and the risk of hypernatremia in thoracic aortic surgical patients with metabolic acidosis following deep hypothermic circulatory arrest. <i>Annals of Cardiac Anaesthesia</i> , 2016 , 19, 454-62	1.3	13
43	Valve Selection in End-Stage Renal Disease: Should It Always Be Biological?. <i>Annals of Thoracic Surgery</i> , 2016 , 102, 1531-1535	2.7	26
42	Reply. <i>Annals of Thoracic Surgery</i> , 2016 , 102, 1412-3	2.7	
41	Distal aortic reintervention after surgery for acute DeBakey type I or II aortic dissection: open versus endovascular repair. <i>European Journal of Cardio-thoracic Surgery</i> , 2015 , 48, 258-63	3	22
40	Moderate versus deep hypothermic circulatory arrest for elective aortic transverse hemiarch reconstruction. <i>Annals of Thoracic Surgery</i> , 2015 , 99, 1511-7	2.7	51
39	The effect of postoperative medical treatment on left ventricular mass regression after aortic valve replacement. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015 , 149, 781-6	1.5	17
38	Outcomes of aortic root replacement after previous aortic root replacement: the "true" redo root. <i>Annals of Thoracic Surgery</i> , 2015 , 99, 1601-8; discussion 1608-9	2.7	21
37	Bicuspid Aortic Valve Resuspension in Acute Type A Aortic Dissection Patients. <i>Annals of Thoracic Surgery</i> , 2015 , 100, 827-32	2.7	5
36	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> , 2015 , 100, 802-8; discussion 808-9	2.7	52
35	Impact of timing on major complications after thoracic endovascular aortic repair for acute type B aortic dissection. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015 , 149, S151-6	1.5	47
34	Validation of semiautomated and locally resolved aortic wall thickness measurements from computed tomography. <i>Journal of Vascular Surgery</i> , 2015 , 61, 1034-40	3.5	19
33	Endovascular repair of the ascending aorta in patients at high risk for open repair. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015 , 149, S144-50	1.5	48

32	Use of computational fluid dynamics studies in predicting aneurysmal degeneration of acute type B aortic dissections. <i>Journal of Vascular Surgery</i> , 2015 , 62, 279-84	3.5	42
31	Severity and Duration of Metabolic Acidosis After Deep Hypothermic Circulatory Arrest for Thoracic Aortic Surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2015 , 29, 1432-40	2.1	6
30	History and Current Status of Cardiovascular Surgery at the University of Pennsylvania. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2015 , 27, 370-3	1.7	1
29	Outcomes of surgery for chronic type A aortic dissection. <i>Annals of Thoracic Surgery</i> , 2015 , 99, 88-93	2.7	29
28	Contemporary real-world outcomes of surgical aortic valve replacement in 141,905 low-risk, intermediate-risk, and high-risk patients. <i>Annals of Thoracic Surgery</i> , 2015 , 99, 55-61	2.7	205
27	Cardiopulmonary bypass and intra-aortic balloon pump use is associated with higher short and long term mortality after transcatheter aortic valve replacement: a PARTNER trial substudy. <i>Catheterization and Cardiovascular Interventions</i> , 2015 , 86, 316-22	2.7	20
26	Type A aortic dissection after previous cardiac surgery: results of an integrated surgical approach. <i>Annals of Thoracic Surgery</i> , 2014 , 97, 1582-8; discussion 1588-9	2.7	14
25	Suture technique does not affect hemodynamic performance of the small supra-annular Trifecta bioprosthesis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 148, 1347-51	1.5	15
24	Root stabilization of the repaired bicuspid aortic valve: subcommissural annuloplasty versus root reimplantation. <i>Annals of Thoracic Surgery</i> , 2014 , 97, 1227-34	2.7	30
23	Combined transaortic transcatheter valve replacement and thoracic endografting. <i>Annals of Thoracic Surgery</i> , 2014 , 97, 696-8	2.7	10
22	Comprehensive analysis of mortality among patients undergoing TAVR: results of the PARTNER trial. <i>Journal of the American College of Cardiology</i> , 2014 , 64, 158-68	15.1	58
21	Stroke after aortic valve surgery: results from a prospective cohort. <i>Circulation</i> , 2014 , 129, 2253-61	16.7	136
20	Moderate mitral regurgitation in aortic root replacement surgery: comparing mitral repair with no mitral repair. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 147, 938-41	1.5	9
19	Antegrade thoracic stent grafting during repair of acute Debakey type I dissection promotes distal aortic remodeling and reduces late open distal reoperation rate. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 147, 942-8	1.5	43
18	How does the ascending aorta geometry change when it dissects?. <i>Journal of the American College of Cardiology</i> , 2014 , 63, 1311-1319	15.1	116
17	Long-term results of neomedia sinus valsalva repair in 489 patients with type A aortic dissection. <i>Annals of Thoracic Surgery</i> , 2014 , 98, 582-8; discussion 588-9	2.7	57
16	Modeling of predissection aortic size in acute type A dissection: More than 90% fail to meet the guidelines for elective ascending replacement. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 148, 944-8.e1	1.5	64
15	The St Jude Medical Trifecta aortic pericardial valve: results from a global, multicenter, prospective clinical study. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 147, 590-7	1.5	119

14	Transcatheter aortic valve implantation in patients with ascending aortic dilatation: safety of the procedure and mid-term follow-up. <i>European Journal of Cardio-thoracic Surgery</i> , 2014 , 46, 228-33; discussion 233	3	17
13	Long-term results of aggressive hemiarch replacement in 534 patients with type A aortic dissection. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 148, 2981-5	1.5	59
12	Results of type II hybrid arch repair with zone 0 stent graft deployment for complex aortic arch pathology. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 148, 2951-5	1.5	31
11	Operative techniques in patients with type A dissection complicated by cerebral malperfusion. <i>European Journal of Cardio-thoracic Surgery</i> , 2014 , 46, 156-66	3	38
10	Surgical treatment of bicuspid aortic valve disease: knowledge gaps and research perspectives. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 147, 1749-57, 1757.e1	1.5	65
9	Aortic valve morphology determines the presentation and surgical approach to acute type A aortic dissection. <i>Annals of Thoracic Surgery</i> , 2014 , 97, 1991-6; discussion 1996-7	2.7	15
8	Stratification of outcomes after transcatheter aortic valve replacement according to surgical inoperability for technical versus clinical reasons. <i>Journal of the American College of Cardiology</i> , 2014 , 63, 901-11	15.1	46
7	Can the bicuspid aortic valve be spared? The con position, with caveats and nuances. <i>Texas Heart Institute Journal</i> , 2013 , 40, 544-6	0.8	2
6	The progression of a transcatheter aortic valve program: a decision analysis of more than 680 patient referrals. <i>Annals of Thoracic Surgery</i> , 2011 , 92, 2072-6; discussion 2076-7	2.7	15
5	Transcatheter versus surgical aortic-valve replacement in high-risk patients. <i>New England Journal of Medicine</i> , 2011 , 364, 2187-98	59.2	4230
4	Transcatheter aortic-valve implantation for aortic stenosis in patients who cannot undergo surgery. <i>New England Journal of Medicine</i> , 2010 , 363, 1597-607	59.2	4801
3	Advances in the treatment of acute type A dissection: an integrated approach. <i>Annals of Thoracic Surgery</i> , 2002 , 74, S1848-52; discussion S1857-63	2.7	152
2	Fatal hyperammonemia after orthotopic lung transplantation. <i>Annals of Internal Medicine</i> , 2000 , 132, 283-7	8	56
1	Integrin expression in non-small cell carcinoma of the lung. <i>Cancer and Metastasis Reviews</i> , 1995 , 14, 229-39	9.6	37