

Michael Borger

List of Publications by Year in descending order

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359
papers

38,750
citations

6613

79
h-index

2953

189
g-index

372
all docs

372
docs citations

372
times ranked

26395
citing authors

#	ARTICLE	IF	CITATIONS
1	2015 ESC Guidelines for the management of acute coronary syndromes in patients presenting without persistent ST-segment elevation. <i>European Heart Journal</i> , 2016, 37, 267-315.	2.2	5,890
2	ESC Guidelines for the management of acute myocardial infarction in patients presenting with ST-segment elevation. <i>European Heart Journal</i> , 2012, 33, 2569-2619.	2.2	5,034
3	2014 ESC Guidelines on diagnosis and management of hypertrophic cardiomyopathy. <i>European Heart Journal</i> , 2014, 35, 2733-2779.	2.2	3,469
4	Guidelines on the management of valvular heart disease (version 2012). <i>European Heart Journal</i> , 2012, 33, 2451-2496.	2.2	3,465
5	Guidelines on the management of valvular heart disease (version 2012). <i>European Journal of Cardio-thoracic Surgery</i> , 2012, 42, S1-S44.	1.4	1,313
6	Stroke after cardiac surgery: a risk factor analysis of 16,184 consecutive adult patients. <i>Annals of Thoracic Surgery</i> , 2003, 75, 472-478.	1.3	559
7	Transapical Minimally Invasive Aortic Valve Implantation. <i>Circulation</i> , 2007, 116, I240-5.	1.6	513
8	Deep Sternal Wound Infection: Risk Factors and Outcomes. <i>Annals of Thoracic Surgery</i> , 1998, 65, 1050-1056.	1.3	383
9	Esophageal perforation during left atrial radiofrequency ablation: Is the risk too high?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2003, 125, 836-842.	0.8	323
10	Hyperglycemia during cardiopulmonary bypass is an independent risk factor for mortality in patients undergoing cardiac surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2005, 130, 1144.e1-1144.e8.	0.8	320
11	Should the ascending aorta be replaced more frequently in patients with bicuspid aortic valve disease?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2004, 128, 677-683.	0.8	305
12	Five-Year results of 219 consecutive patients treated with extracorporeal membrane oxygenation for refractory postoperative cardiogenic shock. <i>Annals of Thoracic Surgery</i> , 2004, 77, 151-157.	1.3	301
13	Transapical Aortic Valve Implantation: Step by Step. <i>Annals of Thoracic Surgery</i> , 2009, 87, 276-283.	1.3	290
14	Off-Pump Coronary Artery Surgery for Reducing Mortality and Morbidity. <i>Journal of the American College of Cardiology</i> , 2005, 46, 872-882.	2.8	278
15	Predictors of delirium after cardiac surgery delirium: Effect of beating-heart (off-pump) surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2004, 127, 57-64.	0.8	261
16	Minimal invasive mitral valve repair for mitral regurgitation: results of 1339 consecutive patients. <i>European Journal of Cardio-thoracic Surgery</i> , 2008, 34, 760-765.	1.4	260
17	Learning Minimally Invasive Mitral Valve Surgery. <i>Circulation</i> , 2013, 128, 483-491.	1.6	254
18	Tricuspid Valve Repair With an Annuloplasty Ring Results in Improved Long-Term Outcomes. <i>Circulation</i> , 2006, 114, I-577-I-581.	1.6	248

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19	Low Hematocrit During Cardiopulmonary Bypass is Associated With Increased Risk of Perioperative Stroke in Cardiac Surgery. <i>Annals of Thoracic Surgery</i> , 2005, 80, 1381-1387.	1.3	238
20	Coronary bypass and carotid endarterectomy: does a combined approach increase risk? A metaanalysis. <i>Annals of Thoracic Surgery</i> , 1999, 68, 14-20.	1.3	227
21	Transapical minimally invasive aortic valve implantation; the initial 50 patients. <i>European Journal of Cardio-thoracic Surgery</i> , 2008, 33, 983-988.	1.4	224
22	One-year outcomes of the Surgical Treatment of Aortic Stenosis With a Next Generation Surgical Aortic Valve (TRITON) trial: A prospective multicenter study of rapid-deployment aortic valve replacement with the EDWARDS INTUITY Valve System. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013, 145, 110-116.	0.8	206
23	Minimally invasive transapical beating heart aortic valve implantation – proof of concept. <i>European Journal of Cardio-thoracic Surgery</i> , 2007, 31, 9-15.	1.4	205
24	Chronic Ischemic Mitral Regurgitation: Repair, Replace or Rethink?. <i>Annals of Thoracic Surgery</i> , 2006, 81, 1153-1161.	1.3	202
25	The American Association for Thoracic Surgery consensus guidelines on bicuspid aortic valve-related aortopathy: Full online-only version. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 156, e41-e74.	0.8	202
26	Percutaneous and Minimally Invasive Valve Procedures. <i>Circulation</i> , 2008, 117, 1750-1767.	1.6	192
27	Immediate primary transcatheter closure of postinfarction ventricular septal defects. <i>European Heart Journal</i> , 2008, 30, 81-88.	2.2	192
28	Aortic Valve Replacement in Octogenarians: Utility of Risk Stratification With EuroSCORE. <i>Annals of Thoracic Surgery</i> , 2009, 87, 1440-1445.	1.3	190
29	Is aortopathy in bicuspid aortic valve disease a congenital defect or a result of abnormal hemodynamics? A critical reappraisal of a one-sided argument. <i>European Journal of Cardio-thoracic Surgery</i> , 2011, 39, 809-814.	1.4	188
30	How does the use of polytetrafluoroethylene neochordae for posterior mitral valve prolapse (loop) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 <i>Cardiovascular Surgery</i> , 2008, 136, 1200-1206.	0.8	187
31	A Randomized Multicenter Trial of Minimally Invasive Rapid Deployment Versus Conventional Full Sternotomy Aortic Valve Replacement. <i>Annals of Thoracic Surgery</i> , 2015, 99, 17-25.	1.3	187
32	Skeletonization of bilateral internal thoracic artery grafts lowers the risk of sternal infection in patients with diabetes. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2003, 126, 1314-1319.	0.8	186
33	Off-Pump Transapical Implantation of Artificial Neo-Chordae to Correct Mitral Regurgitation. <i>Journal of the American College of Cardiology</i> , 2014, 63, 914-919.	2.8	185
34	Preoperative Use of Statins Is Associated with Reduced Early Delirium Rates after Cardiac Surgery. <i>Anesthesiology</i> , 2009, 110, 67-73.	2.5	180
35	Surgical risk of preoperative malperfusion in acute type A aortic dissection. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2009, 138, 1363-1369.	0.8	177
36	Neuropsychologic impairment after coronary bypass surgery: Effect of gaseous microemboli during perfusionist interventions. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2001, 121, 743-749.	0.8	176

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37	Thromboelastometrically guided transfusion protocol during aortic surgery with circulatory arrest: A prospective, randomized trial. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2010, 140, 1117-1124.e2.	0.8	176
38	Cerebral microemboli during cardiopulmonary bypass: increased emboli during perfusionist interventions. <i>Annals of Thoracic Surgery</i> , 1999, 68, 89-93.	1.3	174
39	What Is the Best Strategy for Brain Protection in Patients Undergoing Aortic Arch Surgery? A Single Center Experience of 636 Patients. <i>Annals of Thoracic Surgery</i> , 2012, 93, 1502-1508.	1.3	166
40	Initial results of the chordal-cutting operation for ischemic mitral regurgitation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2007, 133, 1483-1492.e1.	0.8	161
41	Midterm Outcomes of Tricuspid Valve Repair Versus Replacement for Organic Tricuspid Disease. <i>Annals of Thoracic Surgery</i> , 2006, 82, 1735-1741.	1.3	159
42	Transapical aortic valve implantation in 100 consecutive patients: comparison to propensity-matched conventional aortic valve replacement. <i>European Heart Journal</i> , 2010, 31, 1398-1403.	2.2	145
43	Continuous-Flow Cell Saver Reduces Cognitive Decline in Elderly Patients After Coronary Bypass Surgery. <i>Circulation</i> , 2007, 116, 1888-1895.	1.6	144
44	Valve-in-a-Valve Concept for Transcatheter Minimally Invasive Repeat Xenograft Implantation. <i>Journal of the American College of Cardiology</i> , 2007, 50, 56-60.	2.8	144
45	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, 590-597.	0.8	138
46	Redo Aortic Valve Surgery: Early and Late Outcomes. <i>Annals of Thoracic Surgery</i> , 2011, 91, 1120-1126.	1.3	135
47	Current trends in cannulation and neuroprotection during surgery of the aortic arch in Europe. <i>European Journal of Cardio-thoracic Surgery</i> , 2015, 47, 917-923.	1.4	135
48	The Frozen Elephant Trunk for the Treatment of Chronic Dissection of the Thoracic Aorta: A Multicenter Experience. <i>Annals of Thoracic Surgery</i> , 2011, 92, 1663-1670.	1.3	132
49	The changing pattern of reoperative coronary surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2000, 120, 156-163.	0.8	131
50	Acute Aortic Dissection Type A. <i>Annals of Surgery</i> , 2014, 259, 598-604.	4.2	128
51	Cardiac Surgery Fast-track Treatment in a Postanesthetic Care Unit. <i>Anesthesiology</i> , 2008, 109, 61-66.	2.5	128
52	Chordae Replacement Versus Resection for Repair of Isolated Posterior Mitral Leaflet Prolapse: A Randomized Trial. <i>Annals of Thoracic Surgery</i> , 2009, 87, 1715-1720.	1.3	126
53	Risk of late aortic events after an isolated aortic valve replacement for bicuspid aortic valve stenosis with concomitant ascending aortic dilation. <i>European Journal of Cardio-thoracic Surgery</i> , 2012, 42, 832-838.	1.4	124
54	Trends in coronary artery bypass surgery results: a recent, 9-year study. <i>Annals of Thoracic Surgery</i> , 2000, 70, 84-90.	1.3	123

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55	Comparison of outcomes of minimally invasive mitral valve surgery for posterior, anterior and bileaflet prolapse†. <i>European Journal of Cardio-thoracic Surgery</i> , 2009, 36, 532-538.	1.4	122
56	Analysis of risk factors for neurological dysfunction in patients with acute aortic dissection type A: data from the German Registry for Acute Aortic Dissection Type A (GERAADA). <i>European Journal of Cardio-thoracic Surgery</i> , 2012, 42, 557-565.	1.4	121
57	Clinical characteristics, diagnosis, and risk stratification of pulmonary hypertension in severe tricuspid regurgitation and implications for transcatheter tricuspid valve repair. <i>European Heart Journal</i> , 2020, 41, 2785-2795.	2.2	117
58	Experience with the conventional and frozen elephant trunk techniques: a single-centre study. <i>European Journal of Cardio-thoracic Surgery</i> , 2013, 44, 1076-1083.	1.4	115
59	Minimal access aortic valve replacement: effects on morbidity and resource utilization. <i>Annals of Thoracic Surgery</i> , 2002, 74, 1318-1322.	1.3	113
60	Sutureless, rapid deployment valves and stented bioprosthesis in aortic valve replacement: recommendations of an International Expert Consensus Panel. <i>European Journal of Cardio-thoracic Surgery</i> , 2016, 49, 709-718.	1.4	113
61	Human Minimally Invasive Off-Pump Valve-in-a-Valve Implantation. <i>Annals of Thoracic Surgery</i> , 2008, 85, 1072-1073.	1.3	109
62	Stroke during coronary bypass surgery: principal role of cerebral macroemboli. <i>European Journal of Cardio-thoracic Surgery</i> , 2001, 19, 627-632.	1.4	105
63	Increased risk of dehiscence after tricuspid valve repair with rigid annuloplasty rings. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2012, 143, 1050-1055.	0.8	105
64	Minimal invasive aortic valve replacement surgery is associated with improved survival: a propensity-matched comparison. <i>European Journal of Cardio-thoracic Surgery</i> , 2015, 47, 11-17.	1.4	105
65	Stentless Aortic Valves are Hemodynamically Superior to Stented Valves During Mid-Term Follow-Up: A Large Retrospective Study. <i>Annals of Thoracic Surgery</i> , 2005, 80, 2180-2185.	1.3	104
66	Minimally Invasive Versus Sternotomy Approach for Mitral Valve Surgery in Patients Greater Than 70 Years Old: A Propensity-Matched Comparison. <i>Annals of Thoracic Surgery</i> , 2011, 91, 401-405.	1.3	104
67	Minimally Invasive Mitral Valve Surgery After Previous Sternotomy: Experience in 181 Patients. <i>Annals of Thoracic Surgery</i> , 2009, 87, 709-714.	1.3	101
68	Inaccurate and misleading valve sizing: a proposed standard for valve size nomenclature. <i>Annals of Thoracic Surgery</i> , 1998, 66, 1198-1203.	1.3	99
69	Predictors of Low Cardiac Output Syndrome After Isolated Aortic Valve Surgery. <i>Circulation</i> , 2005, 112, 1448-52.	1.6	98
70	Renal Dysfunction in High-Risk Patients After On-Pump and Off-Pump Coronary Artery Bypass Surgery: A Propensity Score Analysis. <i>Annals of Thoracic Surgery</i> , 2005, 80, 2148-2153.	1.3	95
71	Valve-Sparing Root Reconstruction Does Not Compromise Survival in Acute Type A Aortic Dissection. <i>Annals of Thoracic Surgery</i> , 2012, 94, 1230-1234.	1.3	95
72	Mild to Moderate Atheromatous Disease of the Thoracic Aorta and New Ischemic Brain Lesions After Conventional Coronary Artery Bypass Graft Surgery. <i>Stroke</i> , 2004, 35, e356-8.	2.0	94

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73	Reoperation is not an independent predictor of mortality during aortic valve surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2006, 131, 329-335.e2.	0.8	94
74	Stentless Aortic Valve Reoperations: A Surgical Challenge. <i>Annals of Thoracic Surgery</i> , 2007, 84, 737-744.	1.3	93
75	Relation between aortic cross-clamp time and mortality "not as straightforward as expected". <i>European Journal of Cardio-thoracic Surgery</i> , 2008, 33, 660-665.	1.4	92
76	Long-term prognosis of ascending aortic aneurysm after aortic valve replacement for bicuspid versus tricuspid aortic valve stenosis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 147, 276-282.	0.8	91
77	Intraoperative myocardial protection: current trends and future perspectives. <i>Annals of Thoracic Surgery</i> , 1999, 68, 1995-2001.	1.3	85
78	Iatrogenic type A aortic dissection during cardiac procedures: early and late outcome in 48 patients. <i>European Journal of Cardio-thoracic Surgery</i> , 2012, 41, 641-646.	1.4	85
79	Predictors of permanent pacemaker implantation after Medtronic CoreValve bioprosthesis implantation. <i>Europace</i> , 2012, 14, 1759-1763.	1.7	81
80	Transapical Off-Pump Valve-in-Valve Implantation in Patients With Degenerated Aortic Xenografts. <i>Annals of Thoracic Surgery</i> , 2010, 89, 1934-1941.	1.3	80
81	Prevention and management of deep sternal wound infection. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2004, 16, 62-69.	0.6	78
82	Three-year hemodynamic performance, left ventricular mass regression, and prosthetic-patient mismatch after rapid deployment aortic valve replacement in 287 patients. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 148, 2854-2861.	0.8	78
83	Transesophageal echocardiographic scoring for transcatheter aortic valve implantation: Impact of aortic cusp calcification on postoperative aortic regurgitation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2011, 142, 1229-1235.	0.8	77
84	Secondary surgical procedures after endovascular stent grafting of the thoracic aorta: Successful approaches to a challenging clinical problem. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2008, 136, 1289-1294.	0.8	76
85	Surgical and interventional management of mitral valve regurgitation: a position statement from the European Society of Cardiology Working Groups on Cardiovascular Surgery and Valvular Heart Disease. <i>European Heart Journal</i> , 2016, 37, 133-139.	2.2	75
86	Physiological and Clinical Consequences of Right Ventricular Volume Overload Reduction After Transcatheter Treatment for Tricuspid Regurgitation. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 1423-1434.	2.9	73
87	Early and mid-term results of mitral valve repair using premeasured Gore-Tex loops ("loop technique"). <i>European Journal of Cardio-thoracic Surgery</i> , 2008, 33, 566-572.	1.4	72
88	Comparison of Sirolimus-Eluting Stenting With Minimally Invasive Bypass Surgery for Stenosis of the Left Anterior Descending Coronary Artery. <i>JACC: Cardiovascular Interventions</i> , 2015, 8, 30-38.	2.9	72
89	Aortic Annular Enlargement During Aortic Valve Replacement: Improving Results With Time. <i>Annals of Thoracic Surgery</i> , 2007, 83, 2044-2049.	1.3	70
90	Impact of Perfusion Strategy on Outcome After Repair for Acute Type A Aortic Dissection. <i>Annals of Thoracic Surgery</i> , 2014, 97, 78-85.	1.3	70

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91	The American Association for Thoracic Surgery consensus guidelines on bicuspid aortic valve-related aortopathy: Executive summary. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 156, 473-480.	0.8	70
92	Minimally invasive mitral valve surgery: "The Leipzig experience". <i>Annals of Cardiothoracic Surgery</i> , 2013, 2, 744-50.	1.7	68
93	Lactate release during reperfusion predicts low cardiac output syndrome after coronary bypass surgery. <i>Annals of Thoracic Surgery</i> , 2001, 71, 1925-1930.	1.3	66
94	Isolated tricuspid valve surgery in patients with previous cardiac surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013, 146, 841-847.	0.8	65
95	Carpentier-Edwards Perimount Magna Valve Versus Medtronic Hancock II: A Matched Hemodynamic Comparison. <i>Annals of Thoracic Surgery</i> , 2007, 83, 2054-2058.	1.3	64
96	Isolated Reoperative Minimally Invasive Tricuspid Valve Operations. <i>Annals of Thoracic Surgery</i> , 2012, 94, 2005-2010.	1.3	64
97	Decreased cerebral emboli during distal aortic arch cannulation: A randomized clinical trial. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1999, 118, 740-745.	0.8	63
98	Sex-Specific Long-Term Outcomes After Combined Valve and Coronary Artery Surgery. <i>Annals of Thoracic Surgery</i> , 2006, 81, 1632-1636.	1.3	62
99	Outcome of patients suffering from acute type B aortic dissection: a retrospective single-centre analysis of 135 consecutive patients†. <i>European Journal of Cardio-thoracic Surgery</i> , 2010, 38, 285-292.	1.4	62
100	Transforming Growth Factor-Beta Receptor Type II Mutation in a Patient With Bicuspid Aortic Valve Disease and Intraoperative Aortic Dissection. <i>Annals of Thoracic Surgery</i> , 2011, 91, e70-e71.	1.3	62
101	Surgical management of aortic root abscess: A 13-year experience in 172 patients with 100% follow-up. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2012, 143, 332-337.	0.8	62
102	Aortic Dissection After Previous Aortic Valve Replacement for Bicuspid Aortic Valve Disease. <i>Journal of the American College of Cardiology</i> , 2015, 66, 1409-1411.	2.8	62
103	Distal Aortic Reinterventions After Root Surgery in Marfan Patients. <i>Annals of Thoracic Surgery</i> , 2008, 86, 1815-1819.	1.3	61
104	Epaortic Scanning Modifies Planned Intraoperative Surgical Management But Not Cerebral Embolic Load During Coronary Artery Bypass Surgery. <i>Anesthesia and Analgesia</i> , 2008, 106, 1611-1618.	2.2	61
105	Bicuspid aortic valve disease: recent insights in pathophysiology and treatment. <i>Expert Review of Cardiovascular Therapy</i> , 2005, 3, 295-308.	1.5	60
106	Minimally invasive mitral valve surgery is a very safe procedure with very low rates of conversion to full sternotomy. <i>European Journal of Cardio-thoracic Surgery</i> , 2012, 42, e13-e16.	1.4	60
107	Comparison of Bare-Metal Stenting With Minimally Invasive Bypass Surgery for Stenosis of the Left Anterior Descending Coronary Artery. <i>JACC: Cardiovascular Interventions</i> , 2013, 6, 20-26.	2.9	60
108	Anesthesia Management for Transapical Transcatheter Aortic Valve Implantation: A Case Series. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2009, 23, 286-291.	1.3	58

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109	Surgery for infective endocarditis complicated by cerebral embolism: A consecutive series of 375 patients. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 147, 1837-1846.	0.8	58
110	Double valve replacement and reconstruction of the intervalvular fibrous body in patients with active infective endocarditis. <i>European Journal of Cardio-thoracic Surgery</i> , 2014, 45, 146-152.	1.4	57
111	2015 ESC Guidelines for the Management of Acute Coronary Syndromes in Patients Presenting Without Persistent ST-segment Elevation. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2015, 68, 1125.	0.6	57
112	Reoperative coronary bypass surgery: Effect of patent grafts and retrograde cardioplegia. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2001, 121, 83-90.	0.8	56
113	Clinical Outcome After Mitral Valve Surgery Due to Ischemic Papillary Muscle Rupture. <i>Annals of Thoracic Surgery</i> , 2013, 95, 820-824.	1.3	56
114	Secundum ASD closure using a right lateral minithoracotomy: Five-Year experience in 122 patients. <i>Annals of Thoracic Surgery</i> , 2003, 75, 1527-1530.	1.3	55
115	Gender Differences in Mitral Valve Surgery. <i>Thoracic and Cardiovascular Surgeon</i> , 2013, 61, 042-046.	1.0	55
116	Transapical Beating Heart Mitral Valve Repair. <i>Circulation: Cardiovascular Interventions</i> , 2010, 3, 611-612.	3.9	54
117	Redo aortic valve surgery: Influence of prosthetic valve endocarditis on outcomes. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2011, 142, 99-105.	0.8	52
118	Minimally invasive mitral valve repair in Barlow's disease: Early and long-term results. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 148, 1379-1385.	0.8	52
119	Aortic events after isolated aortic valve replacement for bicuspid aortic valve root phenotype: echocardiographic follow-up study. <i>European Journal of Cardio-thoracic Surgery</i> , 2015, 48, e71-e76.	1.4	52
120	Does Timing of Coronary Artery Bypass Surgery Affect Early and Long-Term Outcomes in Patients With Non-â€œST-Segmentâ€œ Elevation Myocardial Infarction?. <i>Circulation</i> , 2015, 132, 731-740.	1.6	52
121	Creation of a Scorecard to Predict In-Hospital Death in Patients Undergoing Operations for Acute Type A Aortic Dissection. <i>Annals of Thoracic Surgery</i> , 2016, 101, 1700-1706.	1.3	52
122	Temporary Extracorporeal Membrane Oxygenation in Patients with Refractory Postoperative Cardiogenic Shock-A Single Center Experience. <i>Journal of Cardiac Surgery</i> , 2003, 18, 512-518.	0.7	51
123	Management of the Valve and Ascending Aorta in Adults with Bicuspid Aortic Valve Disease. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2005, 17, 143-147.	0.6	51
124	Iatrogenic acute aortic dissection type A: insight from the German Registry for Acute Aortic Dissection Type A (GERAADA)â€. <i>European Journal of Cardio-thoracic Surgery</i> , 2013, 44, 353-359.	1.4	51
125	Reoperative mitral valve replacement: importance of preservation of the subvalvular apparatus. <i>Annals of Thoracic Surgery</i> , 2002, 74, 1482-1487.	1.3	50
126	Echocardiographic Identification of Iatrogenic Injury of the Circumflex Artery During Minimally Invasive Mitral Valve Repair. <i>Annals of Thoracic Surgery</i> , 2010, 89, 1866-1872.	1.3	50

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127	The outcome after aortic valve-sparing (David) operation in 179 patients: a single-centre experience. <i>European Journal of Cardio-thoracic Surgery</i> , 2012, 42, 261-267.	1.4	49
128	Optimal treatment for patients with chronic Stanford type B aortic dissection: endovascularly, surgically or both? <i>European Journal of Cardio-thoracic Surgery</i> , 2013, 44, e165-e174.	1.4	48
129	Early- and medium-term results after aortic arch replacement with frozen elephant trunk techniques-a single center study. <i>Annals of Cardiothoracic Surgery</i> , 2013, 2, 606-11.	1.7	47
130	Short- and Long-Term Results of Triple Valve Surgery in the Modern Era. <i>Annals of Thoracic Surgery</i> , 2006, 81, 2172-2178.	1.3	44
131	Long-Term Results After Repair of Complete Atrioventricular Septal Defect With Two-patch Technique. <i>Annals of Thoracic Surgery</i> , 2010, 89, 1239-1243.	1.3	44
132	Ablation of Ganglionic Plexi During Combined Surgery for Atrial Fibrillation. <i>Annals of Thoracic Surgery</i> , 2008, 86, 1659-1663.	1.3	42
133	Value of Augmented Reality-Enhanced Transesophageal Echocardiography (TEE) for Determining Optimal Annuloplasty Ring Size During Mitral Valve Repair. <i>Annals of Thoracic Surgery</i> , 2008, 86, 1473-1478.	1.3	42
134	Transapical aortic valve implantation at 3 years. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2012, 143, 326-331.	0.8	41
135	Insulin cardioplegia for elective coronary bypass surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2000, 119, 1176-1184.	0.8	39
136	The Insulin Cardioplegia Trial: Myocardial protection for urgent coronary artery bypass grafting. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2002, 123, 928-935.	0.8	39
137	Impact of Expedient Management of Perioperative Myocardial Ischemia in Patients Undergoing Isolated Coronary Artery Bypass Surgery. <i>Circulation</i> , 2013, 128, S226-34.	1.6	39
138	Early and late outcomes of complex aortic root surgery in patients with aortic root abscesses. <i>European Journal of Cardio-thoracic Surgery</i> , 2016, 49, 447-455.	1.4	39
139	Mitral valve repair: Robotic and other minimally invasive approaches. <i>Progress in Cardiovascular Diseases</i> , 2017, 60, 394-404.	3.1	39
140	Reducing Cerebral Emboli During Cardiopulmonary Bypass. <i>Seminars in Cardiothoracic and Vascular Anesthesia</i> , 2005, 9, 153-158.	1.0	38
141	Awake Transapical Aortic Valve Implantation Using Thoracic Epidural Anesthesia. <i>Annals of Thoracic Surgery</i> , 2009, 88, 992-994.	1.3	38
142	Predictors of Mortality and Symptomatic Outcome of Patients With Low-Flow Severe Aortic Stenosis Undergoing Transcatheter Aortic Valve Replacement. <i>Journal of the American Heart Association</i> , 2018, 7, .	3.7	38
143	Regional overexpression of insulin-like growth factor-I and transforming growth factor- β 1 in the myocardium of patients with hypertrophic obstructive cardiomyopathy. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2002, 123, 89-95.	0.8	37
144	Transapical aortic valve implantation in patients requiring redo surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2009, 36, 231-235.	1.4	37

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145	Minimally Invasive Off-Pump Aortic Valve Implantation: The Surgical Safety Net. <i>Annals of Thoracic Surgery</i> , 2008, 86, 1665-1668.	1.3	36
146	Transapical versus Conventional Aortic Valve Replacement: A Propensity-Matched Comparison. <i>Heart Surgery Forum</i> , 2012, 15, 4.	0.5	36
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148	Emergency open surgery for aorto-oesophageal and aorto-bronchial fistulae after thoracic endovascular aortic repair: a single-centre experience. <i>European Journal of Cardio-thoracic Surgery</i> , 2015, 47, 374-383.	1.4	35
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150	Should the pericardium be closed routinely after heart operations?. <i>Annals of Thoracic Surgery</i> , 1999, 67, 484-488.	1.3	34
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152	Current trends in aortic valve replacement: development of the rapid deployment EDWARDS INTUITY valve system. <i>Expert Review of Medical Devices</i> , 2013, 10, 461-470.	2.8	33
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154	Correlation between systolic transvalvular flow and proximal aortic wall changes in bicuspid aortic valve stenosis. <i>European Journal of Cardio-thoracic Surgery</i> , 2014, 46, 234-239.	1.4	33
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156	Comparison of aortic media changes in patients with bicuspid aortic valve stenosis versus bicuspid valve insufficiency and proximal aortic aneurysm. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2013, 17, 931-936.	1.1	32
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160	Results of frozen elephant trunk from the international E-vita Open registry. <i>Annals of Cardiothoracic Surgery</i> , 2020, 9, 178-188.	1.7	30
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164	The Toronto Risk Score for adverse events following cardiac surgery. <i>Canadian Journal of Cardiology</i> , 2006, 22, 221-227.	1.7	28
165	Longevity After Aortic Root Replacement. <i>Circulation</i> , 2013, 128, S253-62.	1.6	28
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170	Comparison of recovery after mitral valve repair and replacement. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2007, 133, 1257-1263.	0.8	27
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173	Aortopathy in patients with bicuspid aortic valve stenosis: role of aortic root functional parameters. <i>European Journal of Cardio-thoracic Surgery</i> , 2016, 49, 635-644.	1.4	27
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