

# Michael A Borger

## List of Publications by Year in descending order

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612  
papers

57,563  
citations

3721

89  
h-index

1310

224  
g-index

658  
all docs

658  
docs citations

658  
times ranked

32123  
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.	1.0	5,890
2	2021 ESC Guidelines for the diagnosis and treatment of acute and chronic heart failure. <i>European Heart Journal</i> , 2021, 42, 3599-3726.	1.0	5,558
3	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.	1.0	5,034
4	2014 ESC Guidelines on diagnosis and management of hypertrophic cardiomyopathy. <i>European Heart Journal</i> , 2014, 35, 2733-2779.	1.0	3,469
5	Guidelines on the management of valvular heart disease (version 2012). <i>European Heart Journal</i> , 2012, 33, 2451-2496.	1.0	3,465
6	2021 ESC Guidelines on cardiovascular disease prevention in clinical practice. <i>European Heart Journal</i> , 2021, 42, 3227-3337.	1.0	2,517
7	2021 ESC/EACTS Guidelines for the management of valvular heart disease. <i>European Heart Journal</i> , 2022, 43, 561-632.	1.0	2,169
8	Guidelines on the prevention, diagnosis, and treatment of infective endocarditis (new version 2009): The Task Force on the Prevention, Diagnosis, and Treatment of Infective Endocarditis of the European Society of Cardiology (ESC). <i>European Heart Journal</i> , 2009, 30, 2369-2413.	1.0	1,822
9	Guidelines on the management of valvular heart disease (version 2012). <i>European Journal of Cardio-thoracic Surgery</i> , 2012, 42, S1-S44.	0.6	1,313
10	2021 ESC Guidelines on cardiac pacing and cardiac resynchronization therapy. <i>European Heart Journal</i> , 2021, 42, 3427-3520.	1.0	899
11	2021 ESC Guidelines for the diagnosis and treatment of acute and chronic heart failure. <i>European Journal of Heart Failure</i> , 2022, 24, 4-131.	2.9	820
12	Stroke after cardiac surgery: a risk factor analysis of 16,184 consecutive adult patients. <i>Annals of Thoracic Surgery</i> , 2003, 75, 472-478.	0.7	559
13	Transapical Minimally Invasive Aortic Valve Implantation. <i>Circulation</i> , 2007, 116, I240-5.	1.6	513
14	Deep Sternal Wound Infection: Risk Factors and Outcomes. <i>Annals of Thoracic Surgery</i> , 1998, 65, 1050-1056.	0.7	383
15	2021 ESC Guidelines on cardiac pacing and cardiac resynchronization therapy. <i>Europace</i> , 2022, 24, 71-164.	0.7	370
16	Standardized Definition of Structural Valve Degeneration for Surgical and Transcatheter Bioprosthetic Aortic Valves. <i>Circulation</i> , 2018, 137, 388-399.	1.6	350
17	2021 ESC/EACTS Guidelines for the management of valvular heart disease. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 60, 727-800.	0.6	344
18	Esophageal perforation during left atrial radiofrequency ablation: Is the risk too high?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2003, 125, 836-842.	0.4	323

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19	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.	0.4	320
20	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.	0.4	305
21	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.	0.7	301
22	Transapical Aortic Valve Implantation: Step by Step. <i>Annals of Thoracic Surgery</i> , 2009, 87, 276-283.	0.7	290
23	Off-Pump Coronary Artery Surgery for Reducing Mortality and Morbidity. <i>Journal of the American College of Cardiology</i> , 2005, 46, 872-882.	1.2	278
24	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.	0.4	261
25	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.	0.6	260
26	Learning Minimally Invasive Mitral Valve Surgery. <i>Circulation</i> , 2013, 128, 483-491.	1.6	254
27	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
28	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.	0.7	238
29	Coronary bypass and carotid endarterectomy: does a combined approach increase risk? A metaanalysis. <i>Annals of Thoracic Surgery</i> , 1999, 68, 14-20.	0.7	227
30	Transapical minimally invasive aortic valve implantation; the initial 50 patients. <i>European Journal of Cardio-thoracic Surgery</i> , 2008, 33, 983-988.	0.6	224
31	2021 ESC Guidelines on cardiovascular disease prevention in clinical practice. <i>European Journal of Preventive Cardiology</i> , 2022, 29, 5-115.	0.8	220
32	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.	0.4	206
33	Minimally invasive transapical beating heart aortic valve implantation – proof of concept. <i>European Journal of Cardio-thoracic Surgery</i> , 2007, 31, 9-15.	0.6	205
34	Chronic Ischemic Mitral Regurgitation: Repair, Replace or Rethink?. <i>Annals of Thoracic Surgery</i> , 2006, 81, 1153-1161.	0.7	202
35	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.	0.4	202
36	Percutaneous and Minimally Invasive Valve Procedures. <i>Circulation</i> , 2008, 117, 1750-1767.	1.6	192

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37	Immediate primary transcatheter closure of postinfarction ventricular septal defects. <i>European Heart Journal</i> , 2008, 30, 81-88.	1.0	192
38	Aortic Valve Replacement in Octogenarians: Utility of Risk Stratification With EuroSCORE. <i>Annals of Thoracic Surgery</i> , 2009, 87, 1440-1445.	0.7	190
39	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.	0.6	188
40	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.	0.4	187
41	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.	0.7	187
42	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.	0.4	186
43	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.	1.2	185
44	Preoperative Use of Statins Is Associated with Reduced Early Delirium Rates after Cardiac Surgery. <i>Anesthesiology</i> , 2009, 110, 67-73.	1.3	180
45	Surgical risk of preoperative malperfusion in acute type A aortic dissection. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2009, 138, 1363-1369.	0.4	177
46	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.	0.4	176
47	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.	0.4	176
48	Cerebral microemboli during cardiopulmonary bypass: increased emboli during perfusionist interventions. <i>Annals of Thoracic Surgery</i> , 1999, 68, 89-93.	0.7	174
49	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.	0.7	166
50	Initial results of the chordal-cutting operation for ischemic mitral regurgitation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2007, 133, 1483-1492.e1.	0.4	161
51	Predictors of Procedural and Clinical Outcomes in Patients With Symptomatic Tricuspid Regurgitation Undergoing Transcatheter Edge-to-Edge Repair. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 1119-1128.	1.1	161
52	Midterm Outcomes of Tricuspid Valve Repair Versus Replacement for Organic Tricuspid Disease. <i>Annals of Thoracic Surgery</i> , 2006, 82, 1735-1741.	0.7	159
53	Comparison of newer generation self-expandable vs. balloon-expandable valves in transcatheter aortic valve implantation: the randomized SOLVE-TAVI trial. <i>European Heart Journal</i> , 2020, 41, 1890-1899.	1.0	159
54	A comparison of classification techniques to support land cover and land use analysis in tropical coastal zones. <i>Applied Geography</i> , 2011, 31, 525-532.	1.7	153

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55	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.	1.0	145
56	Continuous-Flow Cell Saver Reduces Cognitive Decline in Elderly Patients After Coronary Bypass Surgery. <i>Circulation</i> , 2007, 116, 1888-1895.	1.6	144
57	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.	1.2	144
58	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.	0.4	138
59	Redo Aortic Valve Surgery: Early and Late Outcomes. <i>Annals of Thoracic Surgery</i> , 2011, 91, 1120-1126.	0.7	135
60	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.	0.6	135
61	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.	0.7	132
62	The changing pattern of reoperative coronary surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2000, 120, 156-163.	0.4	131
63	Acute Aortic Dissection Type A. <i>Annals of Surgery</i> , 2014, 259, 598-604.	2.1	128
64	Cardiac Surgery Fast-track Treatment in a Postanesthetic Care Unit. <i>Anesthesiology</i> , 2008, 109, 61-66.	1.3	128
65	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.	0.7	126
66	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.	0.6	124
67	Trends in coronary artery bypass surgery results: a recent, 9-year study. <i>Annals of Thoracic Surgery</i> , 2000, 70, 84-90.	0.7	123
68	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.	0.6	122
69	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.	0.6	121
70	TRANSFORM (Multicenter Experience With Rapid Deployment Edwards INTUITY Valve System for Aortic) Trial. <i>European Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 153, 241-251.	0.4	120
71	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.	1.0	117
72	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.	0.6	115

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73	Minimal access aortic valve replacement: effects on morbidity and resource utilization. <i>Annals of Thoracic Surgery</i> , 2002, 74, 1318-1322.	0.7	113
74	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.	0.6	113
75	Human Minimally Invasive Off-Pump Valve-in-a-Valve Implantation. <i>Annals of Thoracic Surgery</i> , 2008, 85, 1072-1073.	0.7	109
76	Stroke during coronary bypass surgery: principal role of cerebral macroemboli. <i>European Journal of Cardio-thoracic Surgery</i> , 2001, 19, 627-632.	0.6	105
77	Increased risk of dehiscence after tricuspid valve repair with rigid annuloplasty rings. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2012, 143, 1050-1055.	0.4	105
78	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.	0.6	105
79	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.	0.7	104
80	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.	0.7	104
81	Concomitant Tricuspid Repair in Patients with Degenerative Mitral Regurgitation. <i>New England Journal of Medicine</i> , 2022, 386, 327-339.	13.9	102
82	Minimally Invasive Mitral Valve Surgery After Previous Sternotomy: Experience in 181 Patients. <i>Annals of Thoracic Surgery</i> , 2009, 87, 709-714.	0.7	101
83	Inaccurate and misleading valve sizing: a proposed standard for valve size nomenclature. <i>Annals of Thoracic Surgery</i> , 1998, 66, 1198-1203.	0.7	99
84	Predictors of Low Cardiac Output Syndrome After Isolated Aortic Valve Surgery. <i>Circulation</i> , 2005, 112, 1448-52.	1.6	98
85	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.	0.7	95
86	Valve-Sparing Root Reconstruction Does Not Compromise Survival in Acute Type A Aortic Dissection. <i>Annals of Thoracic Surgery</i> , 2012, 94, 1230-1234.	0.7	95
87	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.	1.0	94
88	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.	0.4	94
89	Stentless Aortic Valve Reoperations: A Surgical Challenge. <i>Annals of Thoracic Surgery</i> , 2007, 84, 737-744.	0.7	93
90	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.	0.6	92

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91	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.	0.4	91
92	Prediction of mortality rate in acute type A dissection: the German Registry for Acute Type A Aortic Dissection score. <i>European Journal of Cardio-thoracic Surgery</i> , 2020, 58, 700-706.	0.6	88
93	Intraoperative myocardial protection: current trends and future perspectives. <i>Annals of Thoracic Surgery</i> , 1999, 68, 1995-2001.	0.7	85
94	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.	0.6	85
95	Predictors of permanent pacemaker implantation after Medtronic CoreValve bioprosthesis implantation. <i>Europace</i> , 2012, 14, 1759-1763.	0.7	81
96	Haemodynamic benefits of rapid deployment aortic valve replacement via a minimally invasive approach: 1-year results of a prospective multicentre randomized controlled trial. <i>European Journal of Cardio-thoracic Surgery</i> , 2016, 50, 713-720.	0.6	81
97	General Versus Local Anesthesia With Conscious Sedation in Transcatheter Aortic Valve Implantation. <i>Circulation</i> , 2020, 142, 1437-1447.	1.6	81
98	Transapical Off-Pump Valve-in-Valve Implantation in Patients With Degenerated Aortic Xenografts. <i>Annals of Thoracic Surgery</i> , 2010, 89, 1934-1941.	0.7	80
99	Prevention and management of deep sternal wound infection. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2004, 16, 62-69.	0.4	78
100	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.	0.4	78
101	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.	0.4	77
102	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.	0.4	76
103	Near-infrared Spectroscopy Monitoring of the Collateral Network Prior to, During, and After Thoracoabdominal Aortic Repair: A Pilot Study. <i>European Journal of Vascular and Endovascular Surgery</i> , 2013, 46, 651-656.	0.8	76
104	Six-month outcome after transcatheter edge-to-edge repair of severe tricuspid regurgitation in patients with heart failure. <i>European Journal of Heart Failure</i> , 2018, 20, 1055-1062.	2.9	76
105	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.	1.0	75
106	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.	1.1	73
107	Early and mid-term results of mitral valve repair using premeasured Gore-Tex loops (â€˜loop techniqueâ€™). <i>European Journal of Cardio-thoracic Surgery</i> , 2008, 33, 566-572.	0.6	72
108	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.	1.1	72

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109	Twenty-year results of the Hancock II bioprosthesis. <i>Journal of Heart Valve Disease</i> , 2006, 15, 49-55; discussion 55-6.	0.5	72
110	Aortic Annular Enlargement During Aortic Valve Replacement: Improving Results With Time. <i>Annals of Thoracic Surgery</i> , 2007, 83, 2044-2049.	0.7	70
111	Impact of Perfusion Strategy on Outcome After Repair for Acute Type A Aortic Dissection. <i>Annals of Thoracic Surgery</i> , 2014, 97, 78-85.	0.7	70
112	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.	0.4	70
113	Transatrial implantation of a transcatheter heart valve for severe mitral annular calcification. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 156, 132-142.	0.4	69
114	Minimally invasive mitral valve surgery: "The Leipzig experience". <i>Annals of Cardiothoracic Surgery</i> , 2013, 2, 744-50.	0.6	68
115	Lactate release during reperfusion predicts low cardiac output syndrome after coronary bypass surgery. <i>Annals of Thoracic Surgery</i> , 2001, 71, 1925-1930.	0.7	66
116	Isolated tricuspid valve surgery in patients with previous cardiac surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013, 146, 841-847.	0.4	65
117	Carpentier-Edwards Perimount Magna Valve Versus Medtronic Hancock II: A Matched Hemodynamic Comparison. <i>Annals of Thoracic Surgery</i> , 2007, 83, 2054-2058.	0.7	64
118	Isolated Reoperative Minimally Invasive Tricuspid Valve Operations. <i>Annals of Thoracic Surgery</i> , 2012, 94, 2005-2010.	0.7	64
119	Decreased cerebral emboli during distal aortic arch cannulation: A randomized clinical trial. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1999, 118, 740-745.	0.4	63
120	Acute aortic dissection type A. <i>British Journal of Surgery</i> , 2012, 99, 1331-1344.	0.1	63
121	Sex-Specific Long-Term Outcomes After Combined Valve and Coronary Artery Surgery. <i>Annals of Thoracic Surgery</i> , 2006, 81, 1632-1636.	0.7	62
122	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.	0.6	62
123	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.	0.7	62
124	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.	0.4	62
125	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.	1.2	62
126	Distal Aortic Reinterventions After Root Surgery in Marfan Patients. <i>Annals of Thoracic Surgery</i> , 2008, 86, 1815-1819.	0.7	61



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127	Epi-aortic 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.	1.1	61
128	International consensus statement on nomenclature and classification of the congenital bicuspid aortic valve and its aortopathy, for clinical, surgical, interventional and research purposes. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 60, 448-476.	0.6	61
129	Bicuspid aortic valve disease: recent insights in pathophysiology and treatment. <i>Expert Review of Cardiovascular Therapy</i> , 2005, 3, 295-308.	0.6	60
130	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.	0.6	60
131	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.	1.1	60
132	Anesthesia Management for Transapical Transcatheter Aortic Valve Implantation: A Case Series. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2009, 23, 286-291.	0.6	58
133	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.	0.4	58
134	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.	0.6	57
135	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.	0.4	57
136	Reoperative coronary bypass surgery: Effect of patent grafts and retrograde cardioplegia. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2001, 121, 83-90.	0.4	56
137	Clinical Outcome After Mitral Valve Surgery Due to Ischemic Papillary Muscle Rupture. <i>Annals of Thoracic Surgery</i> , 2013, 95, 820-824.	0.7	56
138	Secundum ASD closure using a right lateral minithoracotomy: Five-Year experience in 122 patients. <i>Annals of Thoracic Surgery</i> , 2003, 75, 1527-1530.	0.7	55
139	Gender Differences in Mitral Valve Surgery. <i>Thoracic and Cardiovascular Surgeon</i> , 2013, 61, 042-046.	0.4	55
140	Transapical Beating Heart Mitral Valve Repair. <i>Circulation: Cardiovascular Interventions</i> , 2010, 3, 611-612.	1.4	54
141	Redo aortic valve surgery: Influence of prosthetic valve endocarditis on outcomes. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2011, 142, 99-105.	0.4	52
142	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.	0.4	52
143	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.	0.6	52
144	Does Timing of Coronary Artery Bypass Surgery Affect Early and Long-Term Outcomes in Patients With Non-“ST-Segment” Elevation Myocardial Infarction?. <i>Circulation</i> , 2015, 132, 731-740.	1.6	52

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145	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.	0.7	52
146	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.	0.3	51
147	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.	0.4	51
148	Iatrogenic acute aortic dissection type A: insight from the German Registry for Acute Aortic Dissection Type A (GERAADA). <i>European Journal of Cardio-thoracic Surgery</i> , 2013, 44, 353-359.	0.6	51
149	Reoperative mitral valve replacement: importance of preservation of the subvalvular apparatus. <i>Annals of Thoracic Surgery</i> , 2002, 74, 1482-1487.	0.7	50
150	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.	0.7	50
151	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.	0.6	49
152	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.	0.6	48
153	Good 5-Year Durability of Transapical Beating Heart Off-Pump Mitral Valve Repair With Neochordae. <i>Annals of Thoracic Surgery</i> , 2018, 106, 440-445.	0.7	48
154	International Expert Consensus on Sutureless and Rapid Deployment Valves in Aortic Valve Replacement Using Minimally Invasive Approaches. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2016, 11, 165-173.	0.4	47
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156	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.	0.6	47
157	Implications of a congenitally abnormal valve: a study of 1025 consecutively excised aortic valves. <i>Journal of Clinical Pathology</i> , 2008, 61, 530-536.	1.0	46
158	Mitral valve interventions in heart failure. <i>ESC Heart Failure</i> , 2018, 5, 552-561.	1.4	46
159	The value of an "Endocarditis Team". <i>Annals of Cardiothoracic Surgery</i> , 2019, 8, 621-629.	0.6	46
160	Short- and Long-Term Results of Triple Valve Surgery in the Modern Era. <i>Annals of Thoracic Surgery</i> , 2006, 81, 2172-2178.	0.7	44
161	Long-Term Results After Repair of Complete Atrioventricular Septal Defect With Two-patch Technique. <i>Annals of Thoracic Surgery</i> , 2010, 89, 1239-1243.	0.7	44
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164	Combined Mitral and Tricuspid Versus Isolated Mitral Valve Transcatheter Edge-to-Edge Repair in Patients With Symptomatic Valve Regurgitation at High Surgical Risk. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 1142-1151.	1.1	43
165	Ablation of Ganglionic Plexi During Combined Surgery for Atrial Fibrillation. <i>Annals of Thoracic Surgery</i> , 2008, 86, 1659-1663.	0.7	42
166	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.	0.7	42
167	Transapical aortic valve implantation at 3 years. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2012, 143, 326-331.	0.4	41
168	Insulin cardioplegia for elective coronary bypass surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2000, 119, 1176-1184.	0.4	39
169	The Insulin Cardioplegia Trial: Myocardial protection for urgent coronary artery bypass grafting. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2002, 123, 928-935.	0.4	39
170	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
171	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.	0.6	39
172	Mitral valve repair: Robotic and other minimally invasive approaches. <i>Progress in Cardiovascular Diseases</i> , 2017, 60, 394-404.	1.6	39
173	Reducing Cerebral Emboli During Cardiopulmonary Bypass. <i>Seminars in Cardiothoracic and Vascular Anesthesia</i> , 2005, 9, 153-158.	0.4	38
174	Awake Transapical Aortic Valve Implantation Using Thoracic Epidural Anesthesia. <i>Annals of Thoracic Surgery</i> , 2009, 88, 992-994.	0.7	38
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176	Transition From Temporary to Durable Circulatory Support Systems. <i>Journal of the American College of Cardiology</i> , 2020, 76, 2956-2964.	1.2	38
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178	Transapical aortic valve implantation in patients requiring redo surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2009, 36, 231-235.	0.6	37
179	Early outcomes after isolated aortic valve replacement with rapid deployment aortic valve. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016, 151, 1639-1647.	0.4	37
180	Continued Versus Interrupted Oral Anticoagulation During Transfemoral Transcatheter Aortic Valve Implantation and Impact of Postoperative Anticoagulant Management on Outcome in Patients With Atrial Fibrillation. <i>American Journal of Cardiology</i> , 2019, 123, 1134-1141.	0.7	37

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182	Transapical versus Conventional Aortic Valve Replacement: A Propensity-Matched Comparison. <i>Heart Surgery Forum</i> , 2012, 15, 4.	0.2	36
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185	Minimally invasive coronary bypass surgery with bilateral internal thoracic arteries: Early outcomes and angiographic patency. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 162, 1109-1119.e4.	0.4	35
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195	Extra-anatomic revascularization for preoperative cerebral malperfusion due to distal carotid artery occlusion in acute type A aortic dissection. <i>European Journal of Cardio-thoracic Surgery</i> , 2016, 49, 652-659.	0.6	32
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204	Tricuspid valve repair in the presence of a permanent ventricular pacemaker lead. <i>European Journal of Cardio-thoracic Surgery</i> , 2011, 39, 657-661.	0.6	29
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221	Less invasive surgical implant strategy and right heart failure after LVAD implantation. <i>Journal of Heart and Lung Transplantation</i> , 2021, 40, 289-297.	0.3	27
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225	Myocardial protection during minimally invasive mitral valve surgery: strategies and cardioplegic solutions. <i>Annals of Cardiothoracic Surgery</i> , 2013, 2, 803-8.	0.6	26
226	Myocardial perfusion during warm antegrade and retrograde cardioplegia: a contrast echo study. <i>Annals of Thoracic Surgery</i> , 1999, 68, 955-961.	0.7	25
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230	Endovascular Repair of Type A Aortic Dissection: Current Experience and Technical Considerations. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2016, 28, 312-317.	0.4	25
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232	International Consensus Statement on Nomenclature and Classification of the Congenital Bicuspid Aortic Valve and Its Aortopathy, for Clinical, Surgical, Interventional and Research Purposes. <i>Annals of Thoracic Surgery</i> , 2021, 112, e203-e235.	0.7	25
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254	The Incidence of Intraoperative Awareness in Cardiac Surgery Fast-track Treatment. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2010, 24, 785-789.	0.6	22
255	Acute Kidney Injury Following Surgical Aortic Valve Replacement. <i>Journal of Cardiac Surgery</i> , 2015, 30, 631-639.	0.3	22
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261	Treatment of hypercholesterolaemia with PCSK9 inhibitors in patients after cardiac transplantation. <i>PLoS ONE</i> , 2019, 14, e0210373.	1.1	21
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274	Early changes in bioprosthetic heart valves following ventricular assist device implantation. <i>International Journal of Cardiology</i> , 2007, 117, e20-e23.	0.8	19
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277	Closed incision management with negative pressure wound therapy. <i>Expert Review of Medical Devices</i> , 2014, 11, 395-402.	1.4	19
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430	Cardioscopically Guided Beating Heart Surgery: Paravalvular Leak Repair. <i>Annals of Thoracic Surgery</i> , 2017, 104, 1074-1079.	0.7	5
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