

Michael Borger

List of Publications by Citations

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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.

341 papers	29,446 citations	74 h-index	167 g-index
372 ext. papers	33,895 ext. citations	3.3 avg, IF	6.45 L-index

#	Paper	IF	Citations
341	ESC Guidelines for the management of acute myocardial infarction in patients presenting with ST-segment elevation. <i>European Heart Journal</i> , 2012 , 33, 2569-619	9.5	3978
340	2015 ESC Guidelines for the management of acute coronary syndromes in patients presenting without persistent ST-segment elevation: Task Force for the Management of Acute Coronary Syndromes in Patients Presenting without Persistent ST-Segment Elevation of the European Society of Cardiology (ESC). <i>European Heart Journal</i> , 2016 , 37, 267-315	9.5	3850
339	Guidelines on the management of valvular heart disease (version 2012). <i>European Heart Journal</i> , 2012 , 33, 2451-96	9.5	2866
338	2014 ESC Guidelines on diagnosis and management of hypertrophic cardiomyopathy: the Task Force for the Diagnosis and Management of Hypertrophic Cardiomyopathy of the European Society of Cardiology (ESC). <i>European Heart Journal</i> , 2014 , 35, 2733-79	9.5	2361
337	Guidelines on the management of valvular heart disease (version 2012): the Joint Task Force on the Management of Valvular Heart Disease of the European Society of Cardiology (ESC) and the European Association for Cardio-Thoracic Surgery (EACTS). <i>European Journal of Cardio-thoracic Surgery</i> , 2012 , 42, 51-44	3	1002
336	Stroke after cardiac surgery: a risk factor analysis of 16,184 consecutive adult patients. <i>Annals of Thoracic Surgery</i> , 2003 , 75, 472-8	2.7	463
335	Transapical minimally invasive aortic valve implantation: multicenter experience. <i>Circulation</i> , 2007 , 116, 1240-5	16.7	415
334	Deep sternal wound infection: risk factors and outcomes. <i>Annals of Thoracic Surgery</i> , 1998 , 65, 1050-6	2.7	336
333	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	1.5	274
332	Esophageal perforation during left atrial radiofrequency ablation: Is the risk too high?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2003 , 125, 836-42	1.5	272
331	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, 151-7; discussion 157	2.7	263
330	Transapical aortic valve implantation: step by step. <i>Annals of Thoracic Surgery</i> , 2009 , 87, 276-83	2.7	262
329	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, 677-83	1.5	236
328	Off-pump coronary artery surgery for reducing mortality and morbidity: meta-analysis of randomized and observational studies. <i>Journal of the American College of Cardiology</i> , 2005 , 46, 872-82	15.1	233
327	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	1.5	226
326	Tricuspid valve repair with an annuloplasty ring results in improved long-term outcomes. <i>Circulation</i> , 2006 , 114, 1577-81	16.7	202
325	Minimal invasive mitral valve repair for mitral regurgitation: results of 1339 consecutive patients. <i>European Journal of Cardio-thoracic Surgery</i> , 2008 , 34, 760-5	3	200

324	Coronary bypass and carotid endarterectomy: does a combined approach increase risk? A metaanalysis. <i>Annals of Thoracic Surgery</i> , 1999 , 68, 14-20; discussion 21	2.7	197
323	Low hematocrit during cardiopulmonary bypass is associated with increased risk of perioperative stroke in cardiac surgery. <i>Annals of Thoracic Surgery</i> , 2005 , 80, 1381-7	2.7	195
322	Learning minimally invasive mitral valve surgery: a cumulative sum sequential probability analysis of 3895 operations from a single high-volume center. <i>Circulation</i> , 2013 , 128, 483-91	16.7	181
321	Chronic ischemic mitral regurgitation: repair, replace or rethink?. <i>Annals of Thoracic Surgery</i> , 2006 , 81, 1153-61	2.7	181
320	Transapical minimally invasive aortic valve implantation; the initial 50 patients. <i>European Journal of Cardio-thoracic Surgery</i> , 2008 , 33, 983-8	3	174
319	Minimally invasive transapical beating heart aortic valve implantation--proof of concept. <i>European Journal of Cardio-thoracic Surgery</i> , 2007 , 31, 9-15	3	172
318	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, 110-5; discussion 115-6	1.5	163
317	Aortic valve replacement in octogenarians: utility of risk stratification with EuroSCORE. <i>Annals of Thoracic Surgery</i> , 2009 , 87, 1440-5	2.7	163
316	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, 1314-9	1.5	160
315	Off-pump transapical implantation of artificial neo-chordae to correct mitral regurgitation: the TACT Trial (Transapical Artificial Chordae Tendinae) proof of concept. <i>Journal of the American College of Cardiology</i> , 2014 , 63, 914-9	15.1	150
314	How does the use of polytetrafluoroethylene neochordae for posterior mitral valve prolapse (loop technique) compare with leaflet resection? A prospective randomized trial. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2008 , 136, 1205; discussion 1205-6	1.5	148
313	Percutaneous and minimally invasive valve procedures: a scientific statement from the American Heart Association Council on Cardiovascular Surgery and Anesthesia, Council on Clinical Cardiology, Functional Genomics and Translational Biology Interdisciplinary Working Group, and Quality of Care and Outcomes Research Interdisciplinary Working Group. <i>Circulation</i> , 2008 , 117, 1750-17	16.7	145
312	Thromboelastometrically guided transfusion protocol during aortic surgery with circulatory arrest: a prospective, randomized trial. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2010 , 140, 1117-24.e2	1.5	144
311	Neuropsychologic impairment after coronary bypass surgery: effect of gaseous microemboli during perfusionist interventions. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2001 , 121, 743-9	1.5	144
310	Surgical risk of preoperative malperfusion in acute type A aortic dissection. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2009 , 138, 1363-9	1.5	143
309	Cerebral microemboli during cardiopulmonary bypass: increased emboli during perfusionist interventions. <i>Annals of Thoracic Surgery</i> , 1999 , 68, 89-93	2.7	142
308	Preoperative use of statins is associated with reduced early delirium rates after cardiac surgery. <i>Anesthesiology</i> , 2009 , 110, 67-73	4.3	142
307	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	2.7	141

306	Immediate primary transcatheter closure of postinfarction ventricular septal defects. <i>European Heart Journal</i> , 2009 , 30, 81-8	9.5	139
305	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, 809-14	3	138
304	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, 1502-8	2.7	137
303	Midterm outcomes of tricuspid valve repair versus replacement for organic tricuspid disease. <i>Annals of Thoracic Surgery</i> , 2006 , 82, 1735-41; discussion 1741	2.7	131
302	Initial results of the chordal-cutting operation for ischemic mitral regurgitation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2007 , 133, 1483-92	1.5	129
301	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	15.1	127
300	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
299	Transapical aortic valve implantation in 100 consecutive patients: comparison to propensity-matched conventional aortic valve replacement. <i>European Heart Journal</i> , 2010 , 31, 1398-403	9.5	119
298	Redo aortic valve surgery: early and late outcomes. <i>Annals of Thoracic Surgery</i> , 2011 , 91, 1120-6	2.7	115
297	Continuous-flow cell saver reduces cognitive decline in elderly patients after coronary bypass surgery. <i>Circulation</i> , 2007 , 116, 1888-95	16.7	115
296	The changing pattern of reoperative coronary surgery: trends in 1230 consecutive reoperations. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2000 , 120, 156-63	1.5	111
295	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	1.5	109
294	Trends in coronary artery bypass surgery results: a recent, 9-year study. <i>Annals of Thoracic Surgery</i> , 2000 , 70, 84-90	2.7	109
293	Chordae replacement versus resection for repair of isolated posterior mitral leaflet prolapse: ¶ ¶alit¶ <i>Annals of Thoracic Surgery</i> , 2009 , 87, 1715-20	2.7	106
292	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, 1663-70; discussion 1670	2.7	103
291	Current trends in cannulation and neuroprotection during surgery of the aortic arch in Europe. <i>European Journal of Cardio-thoracic Surgery</i> , 2015 , 47, 917-23	3	102
290	Minimal access aortic valve replacement: effects on morbidity and resource utilization. <i>Annals of Thoracic Surgery</i> , 2002 , 74, S1318-22	2.7	96
289	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, 832-7; discussion 837-8	3	95

288	Human minimally invasive off-pump valve-in-a-valve implantation. <i>Annals of Thoracic Surgery</i> , 2008 , 85, 1072-3	2.7	93
287	Acute aortic dissection type A: age-related management and outcomes reported in the German Registry for Acute Aortic Dissection Type A (GERAADA) of over 2000 patients. <i>Annals of Surgery</i> , 2014 , 259, 598-604	7.8	92
286	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, 532-8	3	92
285	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, 2180-5	2.7	92
284	Stroke during coronary bypass surgery: principal role of cerebral macroemboli. <i>European Journal of Cardio-thoracic Surgery</i> , 2001 , 19, 627-32	3	92
283	Inaccurate and misleading valve sizing: a proposed standard for valve size nomenclature. <i>Annals of Thoracic Surgery</i> , 1998 , 66, 1198-203	2.7	91
282	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, 11-7; discussion 17	3	89
281	Increased risk of dehiscence after tricuspid valve repair with rigid annuloplasty rings. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2012 , 143, 1050-5	1.5	89
280	Cardiac surgery fast-track treatment in a postanesthetic care unit: six-month results of the Leipzig fast-track concept. <i>Anesthesiology</i> , 2008 , 109, 61-6	4.3	89
279	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, 401-5	2.7	86
278	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, 2148-53	2.7	84
277	Minimally invasive mitral valve surgery after previous sternotomy: experience in 181 patients. <i>Annals of Thoracic Surgery</i> , 2009 , 87, 709-14	2.7	83
276	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, 557-65	3	82
275	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	6.7	82
274	Valve-sparing root reconstruction does not compromise survival in acute type A aortic dissection. <i>Annals of Thoracic Surgery</i> , 2012 , 94, 1230-4	2.7	80
273	Predictors of low cardiac output syndrome after isolated aortic valve surgery. <i>Circulation</i> , 2005 , 112, 1448-52	16.7	79
272	Experience with the conventional and frozen elephant trunk techniques: a single-centre study. <i>European Journal of Cardio-thoracic Surgery</i> , 2013 , 44, 1076-82; discussion 1083	3	78
271	Reoperation is not an independent predictor of mortality during aortic valve surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2006 , 131, 329-35	1.5	78

270	Stentless aortic valve reoperations: a surgical challenge. <i>Annals of Thoracic Surgery</i> , 2007 , 84, 737-43; discussion 743-4	2.7	78
269	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, 709-18	3	77
268	Transapical off-pump valve-in-valve implantation in patients with degenerated aortic xenografts. <i>Annals of Thoracic Surgery</i> , 2010 , 89, 1934-41	2.7	74
267	Intraoperative myocardial protection: current trends and future perspectives. <i>Annals of Thoracic Surgery</i> , 1999 , 68, 1995-2001	2.7	72
266	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, 1289-94	1.5	70
265	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, 276-82	1.5	69
264	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, 1229-35	1.5	69
263	Predictors of permanent pacemaker implantation after Medtronic CoreValve bioprosthesis implantation. <i>Europace</i> , 2012 , 14, 1759-63	3.9	68
262	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, 641-6	3	65
261	Relation between aortic cross-clamp time and mortality--not as straightforward as expected. <i>European Journal of Cardio-thoracic Surgery</i> , 2008 , 33, 660-5	3	63
260	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, 566-72	3	61
259	Prevention and management of deep sternal wound infection. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2004 , 16, 62-9	1.7	61
258	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, 133-9	9.5	60
257	Impact of perfusion strategy on outcome after repair for acute type a aortic dissection. <i>Annals of Thoracic Surgery</i> , 2014 , 97, 78-85	2.7	59
256	Lactate release during reperfusion predicts low cardiac output syndrome after coronary bypass surgery. <i>Annals of Thoracic Surgery</i> , 2001 , 71, 1925-30	2.7	58
255	Aortic annular enlargement during aortic valve replacement: improving results with time. <i>Annals of Thoracic Surgery</i> , 2007 , 83, 2044-9	2.7	57
254	Decreased cerebral emboli during distal aortic arch cannulation: a randomized clinical trial. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1999 , 118, 740-5	1.5	57
253	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, 2854-60	1.5	55

252	Sex-specific long-term outcomes after combined valve and coronary artery surgery. <i>Annals of Thoracic Surgery</i> , 2006 , 81, 1632-6	2.7	54
251	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, e70-1	2.7	53
250	Minimally invasive mitral valve surgery: "The Leipzig experience". <i>Annals of Cardiothoracic Surgery</i> , 2013 , 2, 744-50	4.7	53
249	Comparison of bare-metal stenting with minimally invasive bypass surgery for stenosis of the left anterior descending coronary artery: 10-year follow-up of a randomized trial. <i>JACC: Cardiovascular Interventions</i> , 2013 , 6, 20-6	5	52
248	Carpentier-Edwards Perimount Magna valve versus Medtronic Hancock II: a matched hemodynamic comparison. <i>Annals of Thoracic Surgery</i> , 2007 , 83, 2054-8	2.7	52
247	Bicuspid aortic valve disease: recent insights in pathophysiology and treatment. <i>Expert Review of Cardiovascular Therapy</i> , 2005 , 3, 295-308	2.5	52
246	Distal aortic reinterventions after root surgery in Marfan patients. <i>Annals of Thoracic Surgery</i> , 2008 , 86, 1815-9	2.7	51
245	Isolated tricuspid valve surgery in patients with previous cardiac surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013 , 146, 841-7	1.5	50
244	Isolated reoperative minimally invasive tricuspid valve operations. <i>Annals of Thoracic Surgery</i> , 2012 , 94, 2005-10	2.7	50
243	Comparison of sirolimus-eluting stenting with minimally invasive bypass surgery for stenosis of the left anterior descending coronary artery: 7-year follow-up of a randomized trial. <i>JACC: Cardiovascular Interventions</i> , 2015 , 8, 30-8	5	49
242	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, 285-92	3	49
241	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, e13-5; discussion e16	3	49
240	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, 332-7	1.5	48
239	Anesthesia management for transapical transcatheter aortic valve implantation: a case series. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2009 , 23, 286-91	2.1	47
238	Secundum ASD closure using a right lateral minithoracotomy: five-year experience in 122 patients. <i>Annals of Thoracic Surgery</i> , 2003 , 75, 1527-30; discussion 1530-1	2.7	47
237	Transapical beating heart mitral valve repair. <i>Circulation: Cardiovascular Interventions</i> , 2010 , 3, 611-2	6	46
236	Surgery for infective endocarditis complicated by cerebral embolism: a consecutive series of 375 patients. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 147, 1837-44	1.5	45
235	Epiaortic scanning modifies planned intraoperative surgical management but not cerebral embolic load during coronary artery bypass surgery. <i>Anesthesia and Analgesia</i> , 2008 , 106, 1611-8	3.9	45

234	Reoperative coronary bypass surgery: effect of patent grafts and retrograde cardioplegia. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2001 , 121, 83-90	1.5	45
233	Redo aortic valve surgery: Influence of prosthetic valve endocarditis on outcomes. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2011 , 142, 99-105	1.5	44
232	Reoperative mitral valve replacement: importance of preservation of the subvalvular apparatus. <i>Annals of Thoracic Surgery</i> , 2002 , 74, 1482-7	2.7	44
231	Gender differences in mitral valve surgery. <i>Thoracic and Cardiovascular Surgeon</i> , 2013 , 61, 42-6	1.6	43
230	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	9.5	42
229	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	1.5	42
228	Clinical outcome after mitral valve surgery due to ischemic papillary muscle rupture. <i>Annals of Thoracic Surgery</i> , 2013 , 95, 820-4	2.7	41
227	Aortic Dissection After Previous Aortic Valve Replacement for Bicuspid Aortic Valve Disease. <i>Journal of the American College of Cardiology</i> , 2015 , 66, 1409-11	15.1	41
226	Minimally invasive mitral valve repair in Barlow's disease: early and long-term results. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 148, 1379-85	1.5	41
225	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, 353-9; discussion 359	3	41
224	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, 731-40	16.7	40
223	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	0.7	40
222	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, e165-74; discussion e174	3	40
221	Management of the valve and ascending aorta in adults with bicuspid aortic valve disease. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2005 , 17, 143-7	1.7	40
220	Echocardiographic identification of iatrogenic injury of the circumflex artery during minimally invasive mitral valve repair. <i>Annals of Thoracic Surgery</i> , 2010 , 89, 1866-72	2.7	39
219	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, 261-6; discussion 266-7	3	39
218	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, 1700-6	2.7	38
217	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, 146-52	3	37

216	Transapical aortic valve implantation at 3 years. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2012 , 143, 326-31	1.5	36
215	Short- and long-term results of triple valve surgery in the modern era. <i>Annals of Thoracic Surgery</i> , 2006 , 81, 2172-7; discussion 2177-8	2.7	36
214	Long-term results after repair of complete atrioventricular septal defect with two-patch technique. <i>Annals of Thoracic Surgery</i> , 2010 , 89, 1239-43	2.7	35
213	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, 1473-8	2.7	35
212	Temporary extracorporeal membrane oxygenation in patients with refractory postoperative cardiogenic shock--a single center experience. <i>Journal of Cardiac Surgery</i> , 2003 , 18, 512-8	1.3	35
211	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	4.7	35
210	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	5.434	34
209	Insulin cardioplegia for elective coronary bypass surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2000 , 119, 1176-84	1.5	34
208	Awake transapical aortic valve implantation using thoracic epidural anesthesia. <i>Annals of Thoracic Surgery</i> , 2009 , 88, 992-4	2.7	33
207	Minimally invasive off-pump aortic valve implantation: the surgical safety net. <i>Annals of Thoracic Surgery</i> , 2008 , 86, 1665-8	2.7	33
206	Ablation of ganglionic plexi during combined surgery for atrial fibrillation. <i>Annals of Thoracic Surgery</i> , 2008 , 86, 1659-63	2.7	33
205	The insulin cardioplegia trial: myocardial protection for urgent coronary artery bypass grafting. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2002 , 123, 928-35	1.5	33
204	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, 234-9; discussion 239	3	32
203	Transapical aortic valve implantation in patients requiring redo surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2009 , 36, 231-4; discussion 234-5	3	32
202	Regional overexpression of insulin-like growth factor-I and transforming growth factor-beta1 in the myocardium of patients with hypertrophic obstructive cardiomyopathy. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2002 , 123, 89-95	1.5	32
201	A novel comparison of stentless versus stented valves in the small aortic root. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1999 , 117, 431-6; discussion 436-38	1.5	32
200	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, e71-6	3	31
199	Minimally invasive off-pump valve-in-a-valve implantation: the atrial transcatheter approach for re-operative mitral valve replacement. <i>European Heart Journal</i> , 2008 , 29, 2382-7	9.5	31

198	Impact of expeditious management of perioperative myocardial ischemia in patients undergoing isolated coronary artery bypass surgery. <i>Circulation</i> , 2013 , 128, S226-34	16.7	30
197	Bicuspid aortic valve and associated aortopathy: an update. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2013 , 25, 310-6	1.7	29
196	Current trends in aortic valve replacement: development of the rapid deployment EDWARDS INTUITY valve system. <i>Expert Review of Medical Devices</i> , 2013 , 10, 461-70	3.5	29
195	Transapical versus conventional aortic valve replacement--a propensity-matched comparison. <i>Heart Surgery Forum</i> , 2012 , 15, E4-8	0.7	29
194	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,	6	28
193	Reducing cerebral emboli during cardiopulmonary bypass. <i>Seminars in Cardiothoracic and Vascular Anesthesia</i> , 2005 , 9, 153-8	1.4	27
192	Should the pericardium be closed routinely after heart operations?. <i>Annals of Thoracic Surgery</i> , 1999 , 67, 484-8	2.7	27
191	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, 374-82; discussion 382-3	3	26
190	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, 931-6	1.8	26
189	Tricuspid valve repair in the presence of a permanent ventricular pacemaker lead. <i>European Journal of Cardio-thoracic Surgery</i> , 2011 , 39, 657-61	3	26
188	The Toronto Risk Score for adverse events following cardiac surgery. <i>Canadian Journal of Cardiology</i> , 2006 , 22, 221-7	3.8	26
187	One-stage repair in complex multisegmental thoracic aneurysmal disease: results of a multicentre study. <i>European Journal of Cardio-thoracic Surgery</i> , 2013 , 44, e325-31	3	25
186	Comparison of recovery after mitral valve repair and replacement. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2007 , 133, 1257-63	1.5	25
185	Aortic arch reoperation in a single centre: early and late results in 57 consecutive patients. <i>European Journal of Cardio-thoracic Surgery</i> , 2013 , 44, e82-6	3	24
184	Aortopathy in patients with bicuspid aortic valve stenosis: role of aortic root functional parameters. <i>European Journal of Cardio-thoracic Surgery</i> , 2016 , 49, 635-43; discussion 643-4	3	23
183	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, 447-54; discussion 454-5	3	23
182	Mitral valve repair: Robotic and other minimally invasive approaches. <i>Progress in Cardiovascular Diseases</i> , 2017 , 60, 394-404	8.5	23
181	Effect of preoperative statin therapy on patients undergoing isolated and combined valvular heart surgery. <i>Annals of Thoracic Surgery</i> , 2010 , 89, 773-9; discussion 779-80	2.7	23

180	Effect of prior valve type on mortality in reoperative valve surgery. <i>Annals of Thoracic Surgery</i> , 2007 , 83, 938-45	2.7	23
179	Longevity after aortic root replacement: is the mechanically valved conduit really the gold standard for quinquagenarians?. <i>Circulation</i> , 2013 , 128, S253-62	16.7	22
178	Intraoperative neuroprotective drugs without beneficial effects? Results of the German Registry for Acute Aortic Dissection Type A (GERAADA). <i>European Journal of Cardio-thoracic Surgery</i> , 2013 , 44, 939-46	3	22
177	Bone marrow-derived stem cells attenuate impaired contractility and enhance capillary density in a rabbit model of Doxorubicin-induced failing hearts. <i>Journal of Cardiac Surgery</i> , 2009 , 24, 591-9	1.3	22
176	Three good reasons for heart surgeons to understand cardiac metabolism. <i>European Journal of Cardio-thoracic Surgery</i> , 2008 , 33, 862-71	3	22
175	Myocardial perfusion during warm antegrade and retrograde cardioplegia: a contrast echo study. <i>Annals of Thoracic Surgery</i> , 1999 , 68, 955-61	2.7	22
174	Barlow's Mitral Valve Disease: A Comparison of Neochordal (Loop) and Edge-To-Edge (Alfieri) Minimally Invasive Repair Techniques. <i>Annals of Thoracic Surgery</i> , 2015 , 100, 2127-33; discussion 2133-5	2.7	20
173	Surgical management of delayed retrograde type A aortic dissection following complete supra-aortic de-branching and stent-grafting of the transverse arch. <i>European Journal of Cardio-thoracic Surgery</i> , 2013 , 44, 958-63	3	20
172	Functional, metabolic, and morphological aspects of continuous, normothermic heart preservation: effects of different preparation and perfusion techniques. <i>Tissue Engineering - Part C: Methods</i> , 2009 , 15, 275-83	2.9	20
171	Myocardial protection in reoperative coronary artery bypass grafting:. <i>Journal of Cardiac Surgery</i> , 2004 , 19, 291-5	1.3	20
170	Cross-sectional survey on minimally invasive mitral valve surgery. <i>Annals of Cardiothoracic Surgery</i> , 2013 , 2, 733-8	4.7	20
169	Conventional versus frozen elephant trunk surgery for extensive disease of the thoracic aorta. <i>Journal of Cardiovascular Medicine</i> , 2014 , 15, 803-9	1.9	19
168	Postoperative outcome of isolated tricuspid valve operation using arrested-heart or beating-heart technique. <i>Annals of Thoracic Surgery</i> , 2012 , 94, 1218-22	2.7	19
167	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, 652-8; discussion 658-9	3	18
166	Thrombelastometry guided blood-component therapy after cardiac surgery: a randomized study. <i>BMC Anesthesiology</i> , 2019 , 19, 201	2.4	18
165	Role of tricuspid valve repair for moderate tricuspid regurgitation during minimally invasive mitral valve surgery. <i>Thoracic and Cardiovascular Surgeon</i> , 2013 , 61, 386-91	1.6	18
164	Early changes in bioprosthetic heart valves following ventricular assist device implantation. <i>International Journal of Cardiology</i> , 2007 , 117, e20-3	3.2	18
163	Impact of off-pump coronary bypass grafting on the prevalence of adverse perioperative outcome in women undergoing coronary artery bypass grafting surgery. <i>Annals of Thoracic Surgery</i> , 2005 , 79, 807-12; discussion 812-3	2.7	18

162	Aetiology-based clinical scenarios predict outcomes of transcatheter edge-to-edge tricuspid valve repair of functional tricuspid regurgitation. <i>European Journal of Heart Failure</i> , 2019 , 21, 1117-1125	12.3	17
161	Guía de práctica clínica de la ESC para el manejo del infarto agudo de miocardio en pacientes con elevación del segmento ST. <i>Revista Espanola De Cardiologia</i> , 2013 , 66, 53.e1-53.e46	1.5	17
160	Long-term survival after composite mechanical aortic root replacement: a consecutive series of 448 cases. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013 , 145, S41-7	1.5	17
159	Improving mitral valve coaptation with adjustable rings: outcomes from a European multicentre feasibility study with a new-generation adjustable annuloplasty ring system. <i>European Journal of Cardio-thoracic Surgery</i> , 2013 , 44, 913-8	3	17
158	Current indications for surgical repair in patients with bicuspid aortic valve and ascending aortic ectasia. <i>Cardiology Research and Practice</i> , 2012 , 2012, 313879	1.9	17
157	Mitral valve replacement with a transcatheter valve in the setting of severe mitral annular calcification. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016 , 151, e47-e49	1.5	16
156	Minimally invasive mitral valve repair for anterior leaflet prolapse. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013 , 146, 109-13	1.5	16
155	Mid-term outcomes of off-pump versus on-pump coronary artery bypass graft surgery. <i>Canadian Journal of Cardiology</i> , 2008 , 24, 279-84	3.8	16
154	Moderate versus deep hypothermia for the arterial switch operation--experience with 100 consecutive patients. <i>European Journal of Cardio-thoracic Surgery</i> , 2008 , 33, 619-25	3	16
153	Prevalence of claustrophobia and magnetic resonance imaging after coronary artery bypass graft surgery. <i>Neuropsychiatric Disease and Treatment</i> , 2008 , 4, 487-93	3.1	16
152	Extending the usable size range of homografts in the pulmonary circulation: outcome of bicuspid homografts. <i>Annals of Thoracic Surgery</i> , 2002 , 73, 866-9; discussion 869-70	2.7	16
151	Transapical aortic valve implantation - The Leipzig experience. <i>Annals of Cardiothoracic Surgery</i> , 2012 , 1, 129-37	4.7	16
150	Myocardial protection during minimally invasive mitral valve surgery: strategies and cardioplegic solutions. <i>Annals of Cardiothoracic Surgery</i> , 2013 , 2, 803-8	4.7	16
149	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
148	Novel emboli protection system during cardiac surgery: a multi-center, randomized, clinical trial. <i>Annals of Thoracic Surgery</i> , 2014 , 98, 1627-33; discussion 1633-4	2.7	15
147	Acute kidney injury following surgical aortic valve replacement. <i>Journal of Cardiac Surgery</i> , 2015 , 30, 631-9	1.3	15
146	Outcome of aortic valve replacement for active infective endocarditis in patients on chronic hemodialysis. <i>Annals of Thoracic Surgery</i> , 2015 , 99, 532-8	2.7	15
145	Closed incision management with negative pressure wound therapy. <i>Expert Review of Medical Devices</i> , 2014 , 11, 395-402	3.5	15

144	Risk of proximal aortic dissection in patients with bicuspid aortic valve: how to address this controversy?. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2014 , 18, 355-9	1.8	15
143	Is the new EuroSCORE II a better predictor for transapical aortic valve implantation?. <i>European Journal of Cardio-thoracic Surgery</i> , 2013 , 44, 302-8; discussion 308	3	15
142	Acute respiratory dysfunction after surgery for acute type A aortic dissection. <i>European Journal of Cardio-thoracic Surgery</i> , 2010 , 37, 691-6	3	15
141	The incidence of intraoperative awareness in cardiac surgery fast-track treatment. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2010 , 24, 785-9	2.1	15
140	A new concept for correction of systolic anterior motion and mitral valve regurgitation in patients with hypertrophic obstructive cardiomyopathy. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2010 , 140, 481-3	1.5	15
139	Bivalirudin anticoagulation for cardiopulmonary bypass in a patient with heparin-induced thrombocytopenia. <i>Canadian Journal of Anaesthesia</i> , 2005 , 52, 1093-8	3	15
138	Treatment of failed aortic bioprostheses: An evaluation of conventional redo surgery and transfemoral transcatheter aortic valve-in-valve implantation. <i>International Journal of Cardiology</i> , 2020 , 300, 80-86	3.2	15
137	Treatment of hypercholesterolaemia with PCSK9 inhibitors in patients after cardiac transplantation. <i>PLoS ONE</i> , 2019 , 14, e0210373	3.7	15
136	Dynamic annuloplasty for mitral regurgitation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013 , 145, 425-9	1.5	14
135	Conventional aortic valve replacement in transcatheter aortic valve implantation candidates: a 5-year experience. <i>Annals of Thoracic Surgery</i> , 2012 , 94, 726-9; discussion 729-30	2.7	14
134	Minimal invasive implantation of an EDWARDS INTUITY rapid deployment aortic valve. <i>Multimedia Manual of Cardiothoracic Surgery: MMCTS / European Association for Cardio-Thoracic Surgery</i> , 2013 , 2013, mmt011	0.2	14
133	Quadruple valve replacement for acute endocarditis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2009 , 137, 1564-5	1.5	14
132	Combined surgical left ventricular reconstruction and left ventricular assist device implantation for destination therapy in end-stage heart failure. <i>Circulation: Heart Failure</i> , 2011 , 4, e14-5	7.6	14
131	Frequency and pattern of de-novo three-vessel and left main coronary artery disease; insights from single center enrolment in the SYNTAX study. <i>European Journal of Cardio-thoracic Surgery</i> , 2008 , 34, 376-82; discussion 382-3	3	14
130	Predictive accuracy study: comparing a statistical model to clinicians' estimates of outcomes after coronary bypass surgery. <i>Annals of Thoracic Surgery</i> , 2000 , 70, 162-8	2.7	14
129	The effect of insulin cardioplegia on atrial fibrillation after high-risk coronary bypass surgery: a double-blinded, randomized, controlled trial. <i>Anesthesia and Analgesia</i> , 2001 , 92, 810-6	3.9	14
128	Concomitant tricuspid valve repair in patients with minimally invasive mitral valve surgery. <i>Annals of Cardiothoracic Surgery</i> , 2013 , 2, 758-64	4.7	14
127	Postoperative Changes in the Distal Residual Aorta after Surgery for Acute Type A Aortic Dissection: Impact of False Lumen Patency and Size of Descending Aorta. <i>Thoracic and Cardiovascular Surgeon</i> , 2017 , 65, 90-98	1.6	13

126	Aortic Root Replacement in Octogenarians Offers Acceptable Perioperative and Late Outcomes. <i>Annals of Thoracic Surgery</i> , 2016 , 101, 967-72	2.7	13
125	Extracorporeal membrane oxygenation: experience in acute graft failure after heart transplantation. <i>Clinical Transplantation</i> , 2014 , 28, 789-96	3.8	13
124	Transcatheter heart-valve replacement: update. <i>Cmaj</i> , 2010 , 182, 791-5	3.5	13
123	Repair of bileaflet prolapse in Barlow syndrome. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2010 , 22, 174-8	1.7	13
122	Trans-apical beating-heart implantation of neo-chordae to mitral valve leaflets: results of an acute animal study. <i>European Journal of Cardio-thoracic Surgery</i> , 2012 , 41, 173-6; discussion 176	3	13
121	Optimal flow rates for integrated cardioplegia. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1998 , 115, 226-35	1.5	13
120	Long-term prognosis of type A aortic dissection in non-Marfan patients with histologic pattern of cystic medial necrosis. <i>Annals of Thoracic Surgery</i> , 2008 , 85, 972-7	2.7	13
119	Histological analysis of aortic dissections following previous cardiovascular surgery. <i>Cardiovascular Pathology</i> , 2008 , 17, 199-205	3.8	13
118	Hypoxemia complicating LVAD insertion: novel application of the Amplatzer PFO occlusion device. <i>Journal of Cardiac Surgery</i> , 2007 , 22, 156-8	1.3	13
117	Preventing stroke during coronary bypass: are we focusing on the wrong culprit?. <i>Journal of Cardiac Surgery</i> , 2005 , 20, 58-9	1.3	13
116	Early and Late Results After David vs Bentall Procedure: A Propensity Matched Analysis. <i>Annals of Thoracic Surgery</i> , 2020 , 110, 120-126	2.7	13
115	Nutritional status in tricuspid regurgitation: implications of transcatheter repair. <i>European Journal of Heart Failure</i> , 2020 , 22, 1826-1836	12.3	12
114	Mitral valve pathology in severely impaired left ventricles can be successfully managed using a right-sided minimally invasive surgical approach. <i>European Journal of Cardio-thoracic Surgery</i> , 2013 , 44, e1-7	3	12
113	The Toronto Root bioprosthesis: midterm results in 186 patients. <i>Annals of Thoracic Surgery</i> , 2009 , 87, 1751-6	2.7	11
112	Aortic valve reconstruction: current status. <i>Herz</i> , 2010 , 35, 88-93	2.6	11
111	Gender-Based Long-Term Surgical Outcome in Patients with Active Infective Aortic Valve Endocarditis. <i>Medical Science Monitor</i> , 2016 , 22, 2520-7	3.2	11
110	Results of frozen elephant trunk from the international E-vita Open registry. <i>Annals of Cardiothoracic Surgery</i> , 2020 , 9, 178-188	4.7	10
109	Gender-dependent differences in patients undergoing tricuspid valve surgery. <i>Thoracic and Cardiovascular Surgeon</i> , 2013 , 61, 37-41	1.6	10

108	The future of aortic surgery in Europe. <i>European Journal of Cardio-thoracic Surgery</i> , 2013 , 43, 226-30	3	10
107	Management of patients with concomitant coronary and carotid vascular disease. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2001 , 13, 192-8	1.7	10
106	Minimally invasive mitral valve surgery in octogenarians-a brief report. <i>Annals of Cardiothoracic Surgery</i> , 2013 , 2, 765-7	4.7	10
105	Sutureless aortic valve prostheses. <i>Heart</i> , 2019 , 105, s16-s20	5.1	10
104	Mid-term results after Epic xenograft implantation for aortic, mitral, and double valve replacement. <i>Journal of Heart Valve Disease</i> , 2007 , 16, 641-8; discussion 648		10
103	Acquired von Willebrand factor deficiency is reduced in HeartMate 3 patients. <i>European Journal of Cardio-thoracic Surgery</i> , 2019 , 56, 444-450	3	9
102	Ischemic Cardiomyopathy Affects the Thioredoxin System in the Human Myocardium. <i>Journal of Cardiac Failure</i> , 2019 , 25, 204-212	3.3	9
101	Massive cerebral air embolism after bronchoscopy and central line manipulation. <i>Asian Cardiovascular and Thoracic Annals</i> , 2009 , 17, 67-9	0.6	9
100	Changes in dynamic mitral valve geometry during percutaneous edge-edge mitral valve repair with the MitraClip system. <i>Journal of Echocardiography</i> , 2019 , 17, 84-94	1.6	9
99	Transcatheter Versus Rapid-Deployment Aortic Valve Replacement: A Propensity-Matched Analysis From the German Aortic Valve Registry. <i>JACC: Cardiovascular Interventions</i> , 2020 , 13, 2642-2654	5	8
98	Off-pump coronary artery bypass surgery with bilateral internal thoracic arteries: the Leipzig experience. <i>Annals of Cardiothoracic Surgery</i> , 2018 , 7, 483-491	4.7	8
97	Is profound hypothermia required for storage of cardiac allografts?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2001 , 122, 501-7	1.5	8
96	Cerebral emboli during cardiopulmonary bypass: effect of perfusionist interventions and aortic cannulas. <i>Journal of Extra-Corporeal Technology</i> , 2002 , 34, 29-33	0.4	8
95	Comparison of two accelerated 4D-flow sequences for aortic flow quantification. <i>Scientific Reports</i> , 2019 , 9, 8643	4.9	7
94	Outcomes After Thoracic Endovascular Aortic Repair With Overstenting of the Left Subclavian Artery. <i>Annals of Thoracic Surgery</i> , 2019 , 107, 1372-1379	2.7	7
93	No-touch aorta off-pump coronary bypass operation: arteriovenous composite grafts may be used as a last resort. <i>Annals of Thoracic Surgery</i> , 2013 , 95, 846-52	2.7	7
92	Valve-in-Valve Replacement Using a Sutureless Aortic Valve. <i>American Journal of Case Reports</i> , 2016 , 17, 699-702	1.3	7
91	Surgical threshold for bicuspid aortic valve-associated aortopathy: does the phenotype matter?. <i>JACC: Cardiovascular Imaging</i> , 2014 , 7, 318	8.4	6

90	2014 ESC Guidelines on Diagnosis and Management of Hypertrophic Cardiomyopathy. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2015 , 68, 63	0.7	6
89	Structural valve deterioration of a Corevalve prosthesis 9 months after implantation. <i>European Heart Journal</i> , 2013 , 34, 1607	9.5	6
88	Endocardial laser ablation for the treatment of atrial fibrillation in an acute sheep model. <i>Journal of Cardiac Surgery</i> , 2008 , 23, 198-203	1.3	6
87	Effects of metabolic stimulation on cardiac allograft recovery. <i>Annals of Thoracic Surgery</i> , 2001 , 71, 219-257	2.5	6
86	Insufficient Oral Behaviour and the High Need for Periodontal Treatment in Patients with Heart Insufficiency and after Heart Transplantation: A Need for Special Care Programs?. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	6
85	Quantification of Aortic Valve Regurgitation by Pulsed Doppler Examination of the Left Subclavian Artery Velocity Contour: A Validation Study with Cardiovascular Magnetic Resonance Imaging. <i>Journal of the American Society of Echocardiography</i> , 2018 , 31, 42-51	5.8	6
84	The demise of the stentless valve. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2012 , 24, 5-7	1.7	5
83	Pseudoaneurysm of the mitral-aortic intervalvular fibrosa as a complication after minimally invasive mitral valve repair. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2013 , 16, 396-8	1.8	5
82	Commentary on ischemic intervals during warm blood cardioplegia in the canine heart evaluated by phosphorus 31-magnetic resonance spectroscopy. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1997 , 114, 1079-1080	1.5	5
81	Heterotaxy syndrome with azygous continuation-causing pseudo Budd-Chiari syndrome after cardiopulmonary bypass. <i>Annals of Thoracic Surgery</i> , 2006 , 81, 1890-2	2.7	5
80	Aortic root replacement surgery: indications, techniques and outcomes. <i>Expert Review of Cardiovascular Therapy</i> , 2005 , 3, 845-56	2.5	5
79	Deep sternal wound infection - latissimus dorsi flap is a reliable option for reconstruction of the thoracic wall. <i>BMC Surgery</i> , 2019 , 19, 173	2.3	5
78	Standardized Musculocutaneous Flap for the Coverage of Deep Sternal Wounds After Cardiac Surgery. <i>Annals of Thoracic Surgery</i> , 2019 , 107, 802-808	2.7	5
77	Advances in Mitral Valve Surgery. <i>Current Treatment Options in Cardiovascular Medicine</i> , 2018 , 20, 75	2.1	4
76	Cardioplegia and myocardial protection: time for a reassessment?. <i>Journal of Thoracic Disease</i> , 2019 , 11, E76-E78	2.6	4
75	Improved mitral valve performance after transapical aortic valve implantation. <i>Annals of Thoracic Surgery</i> , 2014 , 97, 1247-53; discussion 1253-4	2.7	4
74	Transapical implantation of an Edwards Sapien valve into a failed prosthetic mitral valve 3 years after a transapical aortic valve implantation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013 , 145, e19-21	1.5	4
73	Infective mitral valve endocarditis after transapical aortic valve implantation. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2013 , 16, 394-5	1.8	4

72	Successful surgical treatment of atrial fibrillation, mitral regurgitation, and aortic root aneurysm in a patient with classical type Ehlers-Danlos syndrome. <i>Annals of Thoracic Surgery</i> , 2010 , 89, 273-5	2.7	4
71	Mechanical assist and transplantation for treatment of giant cell myocarditis. <i>Canadian Journal of Cardiology</i> , 2010 , 26, 96-7	3.8	4
70	The coronary sinus: a versatile option for pacemaker implantation during minimally invasive valve surgery. <i>Journal of Cardiac Surgery</i> , 2009 , 24, 431-2	1.3	4
69	Late cardiac perforation after transcatheter closure of patent foramen ovale mimicking acute type a aortic dissection. <i>Annals of Thoracic Surgery</i> , 2010 , 89, 1649-51	2.7	4
68	Infective endocarditis in a Hancock bioprosthetic heart valve. <i>Journal of Cardiac Surgery</i> , 2005 , 20, 389-92.	2.3	4
67	Modification of Reconstruction of Interventricular Fibrous Body for Extensive Infective Endocarditis. <i>Annals of Thoracic Surgery</i> , 2020 , 109, e211-e214	2.7	4
66	Concomitant Tricuspid Valve Repair during Minimally Invasive Mitral Valve Repair. <i>Thoracic and Cardiovascular Surgeon</i> , 2020 , 68, 486-491	1.6	4
65	Two Decades of Contemporary Surgery of Primary Cardiac Tumors. <i>The Surgery Journal</i> , 2018 , 4, e176-e184	1.4	4
64	Longevity after mechanical aortic root replacement--do men live longer?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 148, 2087-95	1.5	3
63	Can the Results of Aortic Valve Repair Equal the Results of a Biologic Aortic Valve Replacement?. <i>Aorta</i> , 2014 , 2, 1-9	0.9	3
62	Retrograde Type A Ascending Dissection after Total Endovascular Aortic Arch Repair. <i>Aorta</i> , 2014 , 2, 84-6	0.9	3
61	Optimal myocardial preconditioning in humans. <i>Annals of the New York Academy of Sciences</i> , 1999 , 874, 306-19	6.5	3
60	Cost-effective provision of cardiac services in a fixed-dollar environment. <i>Annals of Thoracic Surgery</i> , 1996 , 62, S18-21; discussion S31-2	2.7	3
59	Effects of β -Adrenoceptor and Catechol-O-Methyl-Transferase (COMT) Polymorphism on Postoperative Outcome in Cardiac Surgery Patients. <i>Medical Science Monitor Basic Research</i> , 2017 , 23, 223-233	3.2	3
58	Less-invasive ventricular assist device implantation: A multicenter study. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 ,	1.5	3
57	Clinical and Microbiological Analysis of Deep Sternal Wound Infections in Fifty-Two Consecutive Patients. <i>Surgical Infections</i> , 2020 , 21, 370-377	2	3
56	Manta versus Perclose ProGlide vascular closure device after transcatheter aortic valve implantation: Initial experience from a large European center. <i>Cardiovascular Revascularization Medicine</i> , 2021 ,	1.6	3
55	Quantification of regurgitation in mitral valve prolapse with four-dimensional flow cardiovascular magnetic resonance. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021 , 23, 87	6.9	3

54	Minimally Invasive Mitral Valve Surgery via Mini-Thoracotomy: Current Update. <i>Current Treatment Options in Cardiovascular Medicine</i> , 2015 , 17, 48	2.1	2
53	Midterm results after St Jude Medical Epic porcine xenograft for aortic, mitral, and double valve replacement. <i>Journal of Cardiac Surgery</i> , 2020 , 35, 1769-1777	1.3	2
52	Thoracic Endovascular Aortic Repair for Aortoesophageal Fistula after Covered Rupture of Aortic Homograft: A Durable Option?. <i>Aorta</i> , 2017 , 5, 96-100	0.9	2
51	Surgical management after stent-graft failure during the frozen elephant trunk technique for acute type A aortic dissection. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2012 , 144, e106-8	1.5	2
50	Embolic occlusion of the left main coronary artery following an isolated aortic valve replacement. <i>Journal of Cardiac Surgery</i> , 2011 , 26, 168-70	1.3	2
49	Aortopathy in bicuspid aortic valve disease: is it really congenital?. <i>Radiology</i> , 2010 , 256, 1015-6; author reply 1016	20.5	2
48	Hybrid debranching technique for aortic arch replacement. <i>Multimedia Manual of Cardiothoracic Surgery: MMCTS / European Association for Cardio-Thoracic Surgery</i> , 2011 , 2011, mmcts.2011.005108	0.2	2
47	Extending the in situ right internal mammary artery graft with retrocaval positioning. <i>Annals of Thoracic Surgery</i> , 2003 , 75, 1335-6	2.7	2
46	Combined Coronary CT-Angiography and TAVR Planning for Ruling Out Significant Coronary Artery Disease: Added Value of Machine-Learning-Based CT-FFR. <i>JACC: Cardiovascular Imaging</i> , 2021 ,	8.4	2
45	Minimally invasive ventricular assist device implantation. <i>Journal of Thoracic Disease</i> , 2021 , 13, 2010-2017	1.6	2
44	Commentary: Functional assessment of circle of Willis-interesting observation or critical consideration?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 , 158, 1305-1306	1.5	1
43	Acute type A aortic dissection surgery impeded by substernal colon interposition. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2015 , 20, 146-7	1.8	1
42	Grading of aortic regurgitation by cardiovascular magnetic resonance and pulsed Doppler of the left subclavian artery: harmonizing grading scales between imaging modalities. <i>International Journal of Cardiovascular Imaging</i> , 2020 , 36, 1517-1526	2.5	1
41	Acute Effect of Mitral Valve Repair on Mitral Valve Geometry. <i>Thoracic and Cardiovascular Surgeon</i> , 2019 , 67, 516-523	1.6	1
40	Clinical evaluation of the new BMU 40 in-line blood analysis monitor. <i>Perfusion (United Kingdom)</i> , 2009 , 24, 277-86	1.9	1
39	Are patients with mitral regurgitation being referred too late for surgery?. <i>Canadian Journal of Cardiology</i> , 2007 , 23, 215-7	3.8	1
38	Intraoperative fracture of the right coronary artery: recognition and management. <i>Annals of Thoracic Surgery</i> , 2005 , 79, 693-6	2.7	1
37	Aortovenous bypass graft to the posterior left ventricle in absence of an identifiable coronary artery. <i>Annals of Thoracic Surgery</i> , 2004 , 78, 313-4	2.7	1

36	Thoracoscopic confirmation of correct seating of minimally-invasive rapid-deployment aortic bioprosthesis. <i>Medical Science Monitor</i> , 2013 , 19, 773-6	3.2	1
35	Cryoablation for the treatment of atrial fibrillation in patients undergoing minimally invasive mitral valve surgery 2010 , 291-301		1
34	Outcome of patients with previous coronary artery bypass grafting and severe calcific aortic stenosis receiving transfemoral transcatheter aortic valve replacement. <i>Catheterization and Cardiovascular Interventions</i> , 2020 , 96, E196-E203	2.7	1
33	Fluorescence in situ Hybridization (FISH) in the Microbiological Diagnostic of Deep Sternal Wound Infection (DSWI). <i>Infection and Drug Resistance</i> , 2021 , 14, 2309-2319	4.2	1
32	Valve-Sparing Root Replacement Versus Bio-Bentall: Inverse Propensity Weighting of 796 Patients. <i>Annals of Thoracic Surgery</i> , 2021 ,	2.7	1
31	Surgical options in infective valve endocarditis with neurological complications. <i>Annals of Cardiothoracic Surgery</i> , 2019 , 8, 661-666	4.7	1
30	Diagnostic tools in surgically treated patients with infective valve endocarditis. <i>Annals of Cardiothoracic Surgery</i> , 2019 , 8, 654-660	4.7	1
29	David aortic valve-sparing reimplantation versus biological aortic root replacement: a retrospective analysis of 411 patients. <i>Indian Journal of Thoracic and Cardiovascular Surgery</i> , 2020 , 36, 97-103	0.4	1
28	Modified Reconstruction of Left Ventricular Outflow Tract Till Proximal Ascending Aorta as Reversed Elephant Trunk in Extensive Infective Endocarditis Surgery: Reply. <i>Annals of Thoracic Surgery</i> , 2021 , 111, 380-381	2.7	1
27	Long-term Follow-up After Transcatheter Aortic Valve Replacement. <i>CJC Open</i> , 2021 , 3, 845-853	2	1
26	Outflow cannula position for left ventricular assist device: A propensity score-matched study. <i>Journal of Cardiac Surgery</i> , 2021 , 36, 4095-4101	1.3	1
25	Situation Awareness for Circumflex Artery Injury During Mitral Valve Surgery. <i>Annals of Thoracic Surgery</i> , 2019 , 108, e329-e332	2.7	0
24	Invited commentary. <i>Annals of Thoracic Surgery</i> , 2011 , 91, 1827-8	2.7	0
23	Impact of Custodiol-N cardioplegia on acute kidney injury after cardiopulmonary bypass. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2020 , 47, 640-649	3	0
22	Cyclosporine A-enhanced cardioplegia preserves mitochondrial basal respiration after ischemic arrest. <i>Perfusion (United Kingdom)</i> , 2021 , 2676591211025746	1.9	0
21	Risk Assessment of Coronary Obstruction During Transcatheter Aortic Valve Replacement: Insights From Post-BASILICA Computed Tomography.. <i>JACC: Cardiovascular Interventions</i> , 2022 , 15, 496-507	5	0
20	A giant aneurysm of the distal arch after stenting and carotid-subclavian bypass by type B dissection. <i>European Journal of Cardio-thoracic Surgery</i> , 2015 , 47, 936-7	3	
19	Invited commentary. <i>Annals of Thoracic Surgery</i> , 2014 , 98, 1542-3	2.7	

- 18 Invited commentary. *Annals of Thoracic Surgery*, **2012**, 93, 488 2.7
- 17 Traumatic sinus of valsalva aneurysm repaired by partial david operation. *The Thoracic and Cardiovascular Surgeon Reports*, **2014**, 3, 13-5 0.3
- 16 Biventricular amputation for biventricular pulsatile assist device implantation in patients with severe ventricular septal perforation. *Interactive Cardiovascular and Thoracic Surgery*, **2013**, 17, 202-204 1.8
- 15 Reply to Lee. *European Journal of Cardio-thoracic Surgery*, **2013**, 44, 583-4 3
- 14 Reply to Apostolakis et al.. *European Journal of Cardio-thoracic Surgery*, **2009**, 35, 377-378 3
- 13 Staged concept for treatment of severe postsaphenectomy wound infection. *Case Reports in Medicine*, **2011**, 2011, 903839 0.7
- 12 Invited commentary. *Annals of Thoracic Surgery*, **2009**, 88, 1850 2.7
- 11 Peri-operative supplemental warming was associated with fewer morbid cardiac events than routine thermal care. *Evidence-based Cardiovascular Medicine*, **1997**, 1, 78
- 10 Reply to Kalavrouziotis et al.. *European Journal of Cardio-thoracic Surgery*, **2007**, 32, 189-190 3
- 9 Infective endocarditis of the tricuspid valve. *Journal of Cardiac Surgery*, **2006**, 21, 603-4 1.3
- 8 Skeletonized bilateral internal thoracic arteries in patients with diabetes: additional advantages and concerns: reply to the editor. *Journal of Thoracic and Cardiovascular Surgery*, **2004**, 127, 1857 1.5
- 7 Invited commentary. *Annals of Thoracic Surgery*, **2003**, 76, 486 2.7
- 6 On the Acute Effect of Cerivastatin on Cardiac Regional Ischemia in a Rat Model Mimicking Off-pump Coronary Surgery. *Journal of Cardiac Surgery*, **2005**, 20, 512-512 1.3
- 5 Cardiopulmonary Bypass Circuit and the Brain **2011**, 11-18
- 4 Massively dilated right atrium masquerading as a mediastinal tumor. *Clinics and Practice*, **2011**, 1, e20 2.4
- 3 Intraoperative Diagnosis of Subaortic Stenosis in a Young Patient Scheduled for Elective Aortic Valve Replacement. *A&A Practice*, **2020**, 14, e01288 0.8
- 2 Bilateral Prosthetic Graft Stenosis After Supraaortic Debranching and Thoracic Endovascular Aortic Repair of the Transverse Arch. *Annals of Thoracic Surgery*, **2018**, 106, e285-e287 2.7
- 1 A system for real-time multivariate feature combination of endoscopic mitral valve simulator training data.. *International Journal of Computer Assisted Radiology and Surgery*, **2022**, 1 3.9

