

Michael A Borger

List of Publications by Citations

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554
papers

34,925
citations

78
h-index

179
g-index

658
ext. papers

45,478
ext. citations

3.3
avg, IF

6.71
L-index

#	Paper	IF	Citations
554	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
553	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
552	Guidelines on the management of valvular heart disease (version 2012). <i>European Heart Journal</i> , 2012 , 33, 2451-96	9.5	2866
551	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
550	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). Endorsed by the European Society of Clinical Microbiology and Infectious Diseases (ESCMID). <i>European Heart Journal</i> , 2009 , 30, 1705-25	9.5	1415
549	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, S1-44	3	1002
548	2021 ESC Guidelines for the diagnosis and treatment of acute and chronic heart failure. <i>European Heart Journal</i> , 2021 , 42, 3599-3726	9.5	875
547	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
546	Transapical minimally invasive aortic valve implantation: multicenter experience. <i>Circulation</i> , 2007 , 116, I240-5	16.7	415
545	2021 ESC Guidelines on cardiovascular disease prevention in clinical practice. <i>European Heart Journal</i> , 2021 , 42, 3227-3337	9.5	358
544	Deep sternal wound infection: risk factors and outcomes. <i>Annals of Thoracic Surgery</i> , 1998 , 65, 1050-6	2.7	336
543	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
542	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
541	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
540	Transapical aortic valve implantation: step by step. <i>Annals of Thoracic Surgery</i> , 2009 , 87, 276-83	2.7	262
539	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
538	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

537	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
536	2021 ESC/EACTS Guidelines for the management of valvular heart disease. <i>European Heart Journal</i> , 2021 ,	9.5	226
535	Tricuspid valve repair with an annuloplasty ring results in improved long-term outcomes. <i>Circulation</i> , 2006 , 114, 1577-81	16.7	202
534	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
533	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
532	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
531	Standardized Definition of Structural Valve Degeneration for Surgical and Transcatheter Bioprosthetic Aortic Valves. <i>Circulation</i> , 2018 , 137, 388-399	16.7	194
530	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
529	Chronic ischemic mitral regurgitation: repair, replace or rethink?. <i>Annals of Thoracic Surgery</i> , 2006 , 81, 1153-61	2.7	181
528	Transapical minimally invasive aortic valve implantation; the initial 50 patients. <i>European Journal of Cardio-thoracic Surgery</i> , 2008 , 33, 983-8	3	174
527	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
526	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
525	Aortic valve replacement in octogenarians: utility of risk stratification with EuroSCORE. <i>Annals of Thoracic Surgery</i> , 2009 , 87, 1440-5	2.7	163
524	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
523	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
522	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
521	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, 1750-67	16.7	145
520	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

519	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
518	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
517	Cerebral microemboli during cardiopulmonary bypass: increased emboli during perfusionist interventions. <i>Annals of Thoracic Surgery</i> , 1999 , 68, 89-93	2.7	142
516	Preoperative use of statins is associated with reduced early delirium rates after cardiac surgery. <i>Anesthesiology</i> , 2009 , 110, 67-73	4.3	142
515	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
514	Immediate primary transcatheter closure of postinfarction ventricular septal defects. <i>European Heart Journal</i> , 2009 , 30, 81-8	9.5	139
513	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
512	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
511	2021 ESC Guidelines on cardiac pacing and cardiac resynchronization therapy. <i>European Heart Journal</i> , 2021 , 42, 3427-3520	9.5	134
510	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
509	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
508	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
507	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
506	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
505	Redo aortic valve surgery: early and late outcomes. <i>Annals of Thoracic Surgery</i> , 2011 , 91, 1120-6	2.7	115
504	Continuous-flow cell saver reduces cognitive decline in elderly patients after coronary bypass surgery. <i>Circulation</i> , 2007 , 116, 1888-95	16.7	115
503	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
502	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

501	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
500	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	4.4	106
499	Chordae replacement versus resection for repair of isolated posterior mitral leaflet prolapse: ¶ Galit¶ <i>Annals of Thoracic Surgery</i> , 2009 , 87, 1715-20	2.7	106
498	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
497	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
496	Minimal access aortic valve replacement: effects on morbidity and resource utilization. <i>Annals of Thoracic Surgery</i> , 2002 , 74, S1318-22	2.7	96
495	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
494	Human minimally invasive off-pump valve-in-a-valve implantation. <i>Annals of Thoracic Surgery</i> , 2008 , 85, 1072-3	2.7	93
493	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
492	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
491	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
490	Stroke during coronary bypass surgery: principal role of cerebral macroemboli. <i>European Journal of Cardio-thoracic Surgery</i> , 2001 , 19, 627-32	3	92
489	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	5	92
488	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
487	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
486	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
485	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
484	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

483	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
482	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
481	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
480	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
479	TRANSFORM (Multicenter Experience With Rapid Deployment Edwards INTUITY Valve System for Aortic Valve Replacement) US clinical trial: Performance of a rapid deployment aortic valve. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017 , 153, 241-251.e2	1.5	81
478	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
477	Predictors of low cardiac output syndrome after isolated aortic valve surgery. <i>Circulation</i> , 2005 , 112, 1448-52	16.7	79
476	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
475	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
474	Stentless aortic valve reoperations: a surgical challenge. <i>Annals of Thoracic Surgery</i> , 2007 , 84, 737-43; discussion 743-4	2.7	78
473	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
472	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
471	Intraoperative myocardial protection: current trends and future perspectives. <i>Annals of Thoracic Surgery</i> , 1999 , 68, 1995-2001	2.7	72
470	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, 1890-1899.5		71
469	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
468	Twenty-year results of the Hancock II bioprosthesis. <i>Journal of Heart Valve Disease</i> , 2006 , 15, 49-55; discussion 55-6		70
467	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
466	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

465	Predictors of permanent pacemaker implantation after Medtronic CoreValve bioprosthesis implantation. <i>Europace</i> , 2012 , 14, 1759-63	3.9	68
464	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
463	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, 651-6	2.3	63
462	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
461	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
460	Prevention and management of deep sternal wound infection. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2004 , 16, 62-9	1.7	61
459	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
458	2021 ESC/EACTS Guidelines for the management of valvular heart disease. <i>European Journal of Cardio-thoracic Surgery</i> , 2021 , 60, 727-800	3	60
457	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
456	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	3	58
455	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
454	Aortic annular enlargement during aortic valve replacement: improving results with time. <i>Annals of Thoracic Surgery</i> , 2007 , 83, 2044-9	2.7	57
453	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
452	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	12.3	56
451	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
450	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
449	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
448	Minimally invasive mitral valve surgery: "The Leipzig experience". <i>Annals of Cardiothoracic Surgery</i> , 2013 , 2, 744-50	4.7	53

447	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
446	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
445	Bicuspid aortic valve disease: recent insights in pathophysiology and treatment. <i>Expert Review of Cardiovascular Therapy</i> , 2005 , 3, 295-308	2.5	52
444	Distal aortic reinterventions after root surgery in Marfan patients. <i>Annals of Thoracic Surgery</i> , 2008 , 86, 1815-9	2.7	51
443	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
442	Isolated reoperative minimally invasive tricuspid valve operations. <i>Annals of Thoracic Surgery</i> , 2012 , 94, 2005-10	2.7	50
441	2021 ESC Guidelines for the diagnosis and treatment of acute and chronic heart failure: Developed by the Task Force for the diagnosis and treatment of acute and chronic heart failure of the European Society of Cardiology (ESC). With the special contribution of the Heart Failure Association (HFA) of the ESC. <i>European Journal of Heart Failure</i> , 2022 , 24, 4-131	12.3	50
440	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
439	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
438	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
437	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
436	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
435	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
434	Transapical beating heart mitral valve repair. <i>Circulation: Cardiovascular Interventions</i> , 2010 , 3, 611-2	6	46
433	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
432	Acute aortic dissection type A. <i>British Journal of Surgery</i> , 2012 , 99, 1331-44	5.3	45
431	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, 1611-8	3.9	45
430	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

429	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
428	Reoperative mitral valve replacement: importance of preservation of the subvalvular apparatus. <i>Annals of Thoracic Surgery</i> , 2002 , 74, 1482-7	2.7	44
427	Gender differences in mitral valve surgery. <i>Thoracic and Cardiovascular Surgeon</i> , 2013 , 61, 42-6	1.6	43
426	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
425	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
424	Transatrial implantation of a transcatheter heart valve for severe mitral annular calcification. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018 , 156, 132-142	1.5	41
423	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
422	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
421	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
420	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
419	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
418	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
417	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
416	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
415	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
414	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
413	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
412	Functional Aortic Root Parameters and Expression of Aortopathy in Bicuspid Versus Tricuspid Aortic Valve Stenosis. <i>Journal of the American College of Cardiology</i> , 2016 , 67, 1786-1796	15.1	38

411	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
410	Transapical aortic valve implantation at 3 years. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2012 , 143, 326-31	1.5	36
409	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
408	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	2.7	35
407	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
406	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
405	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
404	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
403	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	5.1	34
402	Implications of a congenitally abnormal valve: a study of 1025 consecutively excised aortic valves. <i>Journal of Clinical Pathology</i> , 2008 , 61, 530-6	3.9	34
401	Insulin cardioplegia for elective coronary bypass surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2000 , 119, 1176-84	1.5	34
400	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, 165-73	1.5	33
399	Awake transapical aortic valve implantation using thoracic epidural anesthesia. <i>Annals of Thoracic Surgery</i> , 2009 , 88, 992-4	2.7	33
398	Minimally invasive off-pump aortic valve implantation: the surgical safety net. <i>Annals of Thoracic Surgery</i> , 2008 , 86, 1665-8	2.7	33
397	Ablation of ganglionic plexi during combined surgery for atrial fibrillation. <i>Annals of Thoracic Surgery</i> , 2008 , 86, 1659-63	2.7	33
396	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
395	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
394	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

393	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
392	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
391	Morphological and clinical findings in 247 surgically excised native aortic valves. <i>Canadian Journal of Cardiology</i> , 2005 , 21, 747-55	3.8	32
390	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
389	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
388	2021 ESC Guidelines on cardiovascular disease prevention in clinical practice. <i>European Journal of Preventive Cardiology</i> , 2021 ,	3.9	31
387	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
386	Valve surgery in octogenarians: a safe option with good medium-term results. <i>Journal of Heart Valve Disease</i> , 2006 , 15, 191-6; discussion 196		30
385	Early outcomes after isolated aortic valve replacement with rapid deployment aortic valve. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016 , 151, 1639-47	1.5	29
384	Bicuspid aortic valve and associated aortopathy: an update. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2013 , 25, 310-6	1.7	29
383	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
382	Transapical versus conventional aortic valve replacement--a propensity-matched comparison. <i>Heart Surgery Forum</i> , 2012 , 15, E4-8	0.7	29
381	General Versus Local Anesthesia With Conscious Sedation in Transcatheter Aortic Valve Implantation: The Randomized SOLVE-TAVI Trial. <i>Circulation</i> , 2020 , 142, 1437-1447	16.7	29
380	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	3	28
379	Mitral valve interventions in heart failure. <i>ESC Heart Failure</i> , 2018 , 5, 552-561	3.7	28
378	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
377	Reducing cerebral emboli during cardiopulmonary bypass. <i>Seminars in Cardiothoracic and Vascular Anesthesia</i> , 2005 , 9, 153-8	1.4	27
376	Should the pericardium be closed routinely after heart operations?. <i>Annals of Thoracic Surgery</i> , 1999 , 67, 484-8	2.7	27

375	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
374	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
373	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
372	The Toronto Risk Score for adverse events following cardiac surgery. <i>Canadian Journal of Cardiology</i> , 2006 , 22, 221-7	3.8	26
371	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
370	Comparison of recovery after mitral valve repair and replacement. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2007 , 133, 1257-63	1.5	25
369	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
368	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
367	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
366	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	5	23
365	Mitral valve repair: Robotic and other minimally invasive approaches. <i>Progress in Cardiovascular Diseases</i> , 2017 , 60, 394-404	8.5	23
364	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
363	Effect of prior valve type on mortality in reoperative valve surgery. <i>Annals of Thoracic Surgery</i> , 2007 , 83, 938-45	2.7	23
362	High-affinity Anticalins with aggregation-blocking activity directed against the Alzheimer β amyloid peptide. <i>Biochemical Journal</i> , 2016 , 473, 1563-78	3.8	22
361	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
360	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
359	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
358	Three good reasons for heart surgeons to understand cardiac metabolism. <i>European Journal of Cardio-thoracic Surgery</i> , 2008 , 33, 862-71	3	22

357	Esophageal perforation during left atrial radiofrequency ablation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2003 , 126, 2119-20; author reply 2120	1.5	22
356	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
355	Endovascular Repair of Type A Aortic Dissection: Current Experience and Technical Considerations. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2016 , 28, 312-317	1.7	21
354	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
353	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
352	Guía ESC 2015 sobre el tratamiento de los síndromes coronarios agudos en pacientes sin elevación persistente del segmento ST: Grupo de Trabajo de la Sociedad Europea de Cardiología (ESC) para el tratamiento de los síndromes coronarios agudos en pacientes sin elevación persistente del segmento ST. <i>Revista Española de Cardiología</i> , 2015 , 66, 1125-1125-61	1.5	20
351	Relation of bicuspid aortic valve morphology to the dilatation pattern of the proximal aorta: focus on the transvalvular flow. <i>Cardiology Research and Practice</i> , 2012 , 2012, 478259	1.9	20
350	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
349	Myocardial protection in reoperative coronary artery bypass grafting:. <i>Journal of Cardiac Surgery</i> , 2004 , 19, 291-5	1.3	20
348	Cross-sectional survey on minimally invasive mitral valve surgery. <i>Annals of Cardiothoracic Surgery</i> , 2013 , 2, 733-8	4.7	20
347	Morphologic and Functional Markers of Aortopathy in Patients With Bicuspid Aortic Valve Insufficiency Versus Stenosis. <i>Annals of Thoracic Surgery</i> , 2017 , 103, 49-57	2.7	19
346	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
345	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
344	Conversion rate and contraindications for minimally invasive mitral valve surgery. <i>Annals of Cardiothoracic Surgery</i> , 2013 , 2, 853-4	4.7	19
343	The value of an "Endocarditis Team". <i>Annals of Cardiothoracic Surgery</i> , 2019 , 8, 621-629	4.7	19
342	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	3	18
341	Early Operation for Endocarditis Complicated by Preoperative Cerebral Emboli Is Not Associated With Worsened Outcomes. <i>Annals of Thoracic Surgery</i> , 2015 , 100, 501-8	2.7	18
340	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

339	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
338	Early changes in bioprosthetic heart valves following ventricular assist device implantation. <i>International Journal of Cardiology</i> , 2007 , 117, e20-3	3.2	18
337	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
336	Subannular perforation of left ventricular outflow tract associated with transcatheter valve implantation: pathophysiological background and clinical implications. <i>European Journal of Cardio-thoracic Surgery</i> , 2017 , 51, 91-96	3	17
335	A comparison of sufentanil vs. remifentanil in fast-track cardiac surgery patients. <i>Anaesthesia</i> , 2019 , 74, 602-608	6.6	17
334	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
333	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
332	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
331	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
330	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
329	Durability and clinical experience using a bovine pericardial prosthetic aortic valve. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 , 161, 1742-1749	1.5	17
328	Transition From Temporary to Durable Circulatory Support Systems. <i>Journal of the American College of Cardiology</i> , 2020 , 76, 2956-2964	15.1	16
327	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
326	Minimally invasive mitral valve repair for anterior leaflet prolapse. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013 , 146, 109-13	1.5	16
325	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
324	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
323	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
322	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

321	Transapical aortic valve implantation - The Leipzig experience. <i>Annals of Cardiothoracic Surgery</i> , 2012 , 1, 129-37	4.7	16
320	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
319	Aortic Valve Annular Sizing: Intraoperative Assessment Versus Preoperative Multidetector Computed Tomography. <i>Circulation: Cardiovascular Imaging</i> , 2017 , 10,	3.9	15
318	Influence of Staphylococcus aureus on Outcomes after Valvular Surgery for Infective Endocarditis. <i>Journal of Cardiothoracic Surgery</i> , 2017 , 12, 57	1.6	15
317	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
316	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
315	Acute kidney injury following surgical aortic valve replacement. <i>Journal of Cardiac Surgery</i> , 2015 , 30, 631-9	1.3	15
314	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
313	Closed incision management with negative pressure wound therapy. <i>Expert Review of Medical Devices</i> , 2014 , 11, 395-402	3.5	15
312	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
311	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
310	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
309	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
308	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
307	Bivalirudin anticoagulation for cardiopulmonary bypass in a patient with heparin-induced thrombocytopenia. <i>Canadian Journal of Anaesthesia</i> , 2005 , 52, 1093-8	3	15
306	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
305	Treatment of hypercholesterolaemia with PCSK9 inhibitors in patients after cardiac transplantation. <i>PLoS ONE</i> , 2019 , 14, e0210373	3.7	15
304	Cardiac Surgery Compared With Antibiotics Only in Patients Developing Infective Endocarditis After Transcatheter Aortic Valve Replacement. <i>Journal of the American Heart Association</i> , 2018 , 7, e010027	6	15

303	Evaluation of collateral network near-infrared spectroscopy during and after segmental artery occlusion in a chronic large animal model. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 , 158, 155-164.e5 ¹⁴	1.5	14
302	Transcatheter Aortic Valve Replacement by a Novel Suprasternal Approach. <i>Annals of Thoracic Surgery</i> , 2018 , 105, 1215-1222	2.7	14
301	Dynamic annuloplasty for mitral regurgitation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013 , 145, 425-9	1.5	14
300	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
299	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
298	Prediction of the annuloplasty ring size in patients undergoing mitral valve repair using real-time three-dimensional transoesophageal echocardiography. <i>European Heart Journal Cardiovascular Imaging</i> , 2011 , 12, 445-53	4.1	14
297	Quadruple valve replacement for acute endocarditis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2009 , 137, 1564-5	1.5	14
296	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
295	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
294	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
293	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
292	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
291	Minimally invasive isolated tricuspid valve surgery. <i>Journal of Heart Valve Disease</i> , 2010 , 19, 189-92; discussion 193		14
290	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
289	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	1.5	13
288	The fate of mild-to-moderate proximal aortic dilatation after isolated aortic valve replacement for bicuspid aortic valve stenosis: a magnetic resonance imaging follow-up study. <i>European Journal of Cardio-thoracic Surgery</i> , 2016 , 49, e80-6; discussion e86-7	3	13
287	Aortic Root Replacement in Octogenarians Offers Acceptable Perioperative and Late Outcomes. <i>Annals of Thoracic Surgery</i> , 2016 , 101, 967-72	2.7	13
286	Extracorporeal membrane oxygenation: experience in acute graft failure after heart transplantation. <i>Clinical Transplantation</i> , 2014 , 28, 789-96	3.8	13

285	Transcatheter heart-valve replacement: update. <i>Cmaj</i> , 2010 , 182, 791-5	3.5	13
284	Repair of bileaflet prolapse in Barlow syndrome. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2010 , 22, 174-8	1.7	13
283	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
282	Optimal flow rates for integrated cardioplegia. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1998 , 115, 226-35	1.5	13
281	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
280	Histological analysis of aortic dissections following previous cardiovascular surgery. <i>Cardiovascular Pathology</i> , 2008 , 17, 199-205	3.8	13
279	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
278	Esophageal perforation during left atrial radiofrequency ablation: is the risk too high?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2003 , 126, 1661-2; author reply 1662	1.5	13
277	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
276	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
275	AVIATOR: An open international registry to evaluate medical and surgical outcomes of aortic valve insufficiency and ascending aorta aneurysm. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 , 157, 2202-2211.e7	1.5	13
274	Prevention and management of potential adverse events during transapical aortic valve replacement. <i>Journal of Heart Valve Disease</i> , 2013 , 22, 276-86		13
273	Nutritional status in tricuspid regurgitation: implications of transcatheter repair. <i>European Journal of Heart Failure</i> , 2020 , 22, 1826-1836	12.3	12
272	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
271	Barlow's mitral valve disease: results of conventional and minimally invasive repair approaches. <i>Annals of Cardiothoracic Surgery</i> , 2013 , 2, 768-73	4.7	12
270	Concomitant Tricuspid Repair in Patients with Degenerative Mitral Regurgitation. <i>New England Journal of Medicine</i> , 2021 ,	59.2	12
269	Early and Long-Term Outcomes in Patients Undergoing Cardiac Surgery Following Iatrogenic Injuries During Percutaneous Coronary Intervention. <i>Journal of the American Heart Association</i> , 2019 , 8, e010940	6	11
268	The Toronto Root bioprosthesis: midterm results in 186 patients. <i>Annals of Thoracic Surgery</i> , 2009 , 87, 1751-6	2.7	11

267	Aortic valve reconstruction: current status. <i>Herz</i> , 2010 , 35, 88-93	2.6	11
266	Gore-Tex Loop Implantation for Mitral Valve Prolapse: The Leipzig Loop Technique. <i>Operative Techniques in Thoracic and Cardiovascular Surgery</i> , 2008 , 13, 83-90	0.9	11
265	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
264	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
263	Gender-dependent differences in patients undergoing tricuspid valve surgery. <i>Thoracic and Cardiovascular Surgeon</i> , 2013 , 61, 37-41	1.6	10
262	The future of aortic surgery in Europe. <i>European Journal of Cardio-thoracic Surgery</i> , 2013 , 43, 226-30	3	10
261	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, 1070-9; discussion 1079-80	1.5	10
260	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
259	Minimally invasive mitral valve surgery in octogenarians-a brief report. <i>Annals of Cardiothoracic Surgery</i> , 2013 , 2, 765-7	4.7	10
258	Valve-in-Valve for Degenerated Transcatheter Aortic Valve Replacement Versus Valve-in-Valve for Degenerated Surgical Aortic Bioprostheses: A 3-Center Comparison of Hemodynamic and 1-Year Outcome. <i>Journal of the American Heart Association</i> , 2020 , 9, e013973	6	10
257	Sutureless aortic valve prostheses. <i>Heart</i> , 2019 , 105, s16-s20	5.1	10
256	The International Society for Minimally Invasive Cardiothoracic Surgery Expert Consensus Statement on Transcatheter and Surgical Aortic Valve Replacement in Low- and Intermediate-Risk Patients: A Meta-Analysis of Randomized and Propensity-Matched Studies. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2021 , 16, 2-16	1.5	10
255	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
254	Imaging in patients with severe mitral annular calcification: insights from a multicentre experience using transatrial balloon-expandable valve replacement. <i>European Heart Journal Cardiovascular Imaging</i> , 2019 , 20, 1395-1406	4.1	9
253	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
252	Ischemic Cardiomyopathy Affects the Thioredoxin System in the Human Myocardium. <i>Journal of Cardiac Failure</i> , 2019 , 25, 204-212	3.3	9
251	Pacemaker-associated thrombotic occlusion of the inferior vena cava causing liver failure. <i>Thoracic and Cardiovascular Surgeon</i> , 2010 , 58, 431-3	1.6	9
250	Massive cerebral air embolism after bronchoscopy and central line manipulation. <i>Asian Cardiovascular and Thoracic Annals</i> , 2009 , 17, 67-9	0.6	9

249	Life-threatening hemothorax resulting from lung hernia after minimally invasive mitral valve surgery. <i>Thoracic and Cardiovascular Surgeon</i> , 2011 , 59, 252-4	1.6	9
248	Atrioesophageal fistula: is it an unavoidable complication of radiofrequency ablation?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2003 , 126, 1662-3; author reply 1663	1.5	9
247	Minimally invasive rapid deployment Edwards Intuity aortic valve implantation. <i>Annals of Cardiothoracic Surgery</i> , 2015 , 4, 193-5	4.7	9
246	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
245	International consensus statement on nomenclature and classification of the congenital bicuspid aortic valve and its aortopathy, for clinical, surgical, interventional and research purposes. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 , 162, e383-e414	1.5	9
244	Bicuspid aortic valve patients show specific epigenetic tissue signature increasing extracellular matrix destruction. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2019 , 29, 937-943	1.8	8
243	The DEDICATE Trial: An independent all-comers trial of transcatheter aortic valve implantation vs. surgical aortic valve replacement in patients at low to intermediate operative risk is recruiting patients. <i>European Heart Journal</i> , 2019 , 40, 331-333	9.5	8
242	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
241	Prevalence of permanent pacemaker implantation after conventional aortic valve replacement-a propensity-matched analysis in patients with a bicuspid or tricuspid aortic valve: a benchmark for transcatheter aortic valve replacement. <i>European Journal of Cardio-thoracic Surgery</i> , 2020 , 58, 130-137	3	8
240	Durability of bioprosthetic aortic valves in patients under the age of 60 years - rationale and design of the international INDURE registry. <i>Journal of Cardiothoracic Surgery</i> , 2020 , 15, 119	1.6	8
239	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
238	Cerebral flow pattern monitoring by transcranial Doppler during cardiopulmonary resuscitation. <i>Anaesthesia and Intensive Care</i> , 2010 , 38, 376-80	1.1	8
237	Is profound hypothermia required for storage of cardiac allografts?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2001 , 122, 501-7	1.5	8
236	Transcatheter edge-to-edge mitral valve repair with the PASCAL system: early results from a real-world series. <i>EuroIntervention</i> , 2020 , 16, 824-832	3.1	8
235	Bridging Anticoagulation After Mechanical Aortic Heart Valve Replacement: A Questionable Routine. <i>Annals of Thoracic Surgery</i> , 2016 , 102, 48-54	2.7	8
234	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
233	Long-term results of bioprosthetic mitral valve replacement: the pericardial perspective. <i>Journal of Cardiovascular Surgery</i> , 2004 , 45, 449-54	0.7	8
232	Comparison of two accelerated 4D-flow sequences for aortic flow quantification. <i>Scientific Reports</i> , 2019 , 9, 8643	4.9	7

231	Antegrade selective cerebral perfusion reduced in-hospital mortality and permanent focal neurological deficit in patients with elective aortic arch surgery□ <i>European Journal of Cardio-thoracic Surgery</i> , 2019 , 56, 1001-1008	3	7
230	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
229	Five-year outcomes following complex reconstructive surgery for infective endocarditis involving the intervalvular fibrous body. <i>European Journal of Cardio-thoracic Surgery</i> , 2020 , 58, 1080-1087	3	7
228	Combined Coronary CT-Angiography and TAVI-Planning: A Contrast-Neutral Routine Approach for Ruling-out Significant Coronary Artery Disease. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	7
227	Gender-dependent association of diabetes mellitus with mortality in patients undergoing transcatheter aortic valve replacement. <i>Clinical Research in Cardiology</i> , 2019 , 108, 39-47	6.1	7
226	Annuloplasty ring dehiscence after mitral valve repair: incidence, localization and reoperation. <i>European Journal of Cardio-thoracic Surgery</i> , 2020 , 57, 300-307	3	7
225	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
224	Suprasternal Aortic Valve Replacement: Key Technology and Techniques. <i>Annals of Thoracic Surgery</i> , 2017 , 104, 1417-1422	2.7	7
223	David operation for type A aortic dissection: risks and rewards. <i>European Journal of Cardio-thoracic Surgery</i> , 2017 , 52, 325-326	3	7
222	Late onset Takotsubo cardiomyopathy after mitral valve replacement. <i>Thoracic and Cardiovascular Surgeon</i> , 2011 , 59, 500-3	1.6	7
221	Valve-in-Valve Replacement Using a Sutureless Aortic Valve. <i>American Journal of Case Reports</i> , 2016 , 17, 699-702	1.3	7
220	Mapping the collateral network: Optimal near-infrared spectroscopy optode placement. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 ,	1.5	7
219	The "UFO" procedure. <i>Annals of Cardiothoracic Surgery</i> , 2019 , 8, 691-698	4.7	7
218	The Ubiquitin Proteasome System in Ischemic and Dilated Cardiomyopathy. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	7
217	Impact of Tricuspid Valve Morphology on Clinical Outcomes After Transcatheter Edge-to-Edge Repair. <i>JACC: Cardiovascular Interventions</i> , 2021 , 14, 1616-1618	5	7
216	Optimal occlusion pattern for minimally invasive staged segmental artery coil embolization in a chronic porcine model. <i>European Journal of Cardio-thoracic Surgery</i> , 2019 , 56, 126-134	3	6
215	Myxomatous Mitral Valve Repair: Loop Neochord Technique. <i>Operative Techniques in Thoracic and Cardiovascular Surgery</i> , 2015 , 20, 106-123	0.9	6
214	Surgical threshold for bicuspid aortic valve-associated aortopathy: does the phenotype matter?. <i>JACC: Cardiovascular Imaging</i> , 2014 , 7, 318	8.4	6

213	Structural valve deterioration of a Corevalve prosthesis 9 months after implantation. <i>European Heart Journal</i> , 2013 , 34, 1607	9.5	6
212	Dislocation of a transapically implanted aortic valve prosthesis with a functionally bicuspid aortic valve and ascending aortic aneurysm. <i>Thoracic and Cardiovascular Surgeon</i> , 2011 , 59, 503-6	1.6	6
211	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
210	Skeletonized bilateral internal thoracic arteries in patients with diabetes: additional advantages and concerns. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2004 , 127, 1856-7; author reply 1857	1.5	6
209	Effects of metabolic stimulation on cardiac allograft recovery. <i>Annals of Thoracic Surgery</i> , 2001 , 71, 219-257		6
208	Study Design of the Prospective Non-Randomized Single-Arm Multicenter Evaluation of the Durability of Aortic Bioprosthetic Valves with RESILIA Tissue in Subjects under 65 Years Old (RESILIENCE Trial). <i>Structural Heart</i> , 2020 , 4, 46-52	0.6	6
207	Identification of the immunological profile in rejection-free heart transplantation. <i>Transplant Immunology</i> , 2020 , 59, 101259	1.7	6
206	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
205	Loop neochord versus leaflet resection techniques for minimally invasive mitral valve repair: long-term results. <i>European Journal of Cardio-thoracic Surgery</i> , 2021 , 59, 180-186	3	6
204	Surgical results for prosthetic versus native valve endocarditis: A multicenter analysis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 , 161, 609-619.e10	1.5	6
203	Hospitalization deficit of in- and outpatient cases with cardiovascular diseases and utilization of cardiological interventions during the COVID-19 pandemic: Insights from the German-wide helios hospital network. <i>Clinical Cardiology</i> , 2021 , 44, 392-400	3.3	6
202	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
201	2021 ESC Guidelines on cardiac pacing and cardiac resynchronization therapy. <i>Europace</i> , 2021 ,	3.9	6
200	Mitral Valve Prolapse Induces Regionalized Myocardial Fibrosis. <i>Journal of the American Heart Association</i> , 2021 , e022332	6	6
199	Advanced symptoms are associated with myocardial damage in patients with severe aortic stenosis. <i>Journal of Cardiology</i> , 2017 , 70, 41-47	3	5
198	Dynamic mitral valve geometry in patients with primary and secondary mitral regurgitation: implications for mitral valve repair. <i>European Journal of Cardio-thoracic Surgery</i> , 2019 , 56, 983-992	3	5
197	Oral health-related quality of life of patients after heart transplantation and those with heart failure is associated with general health-related quality of life: a cross-sectional study. <i>Quality of Life Research</i> , 2020 , 29, 1621-1630	3.7	5
196	The value of surgeon-specific outcome data: results of a questionnaire. <i>European Journal of Cardio-thoracic Surgery</i> , 2016 , 50, 196-200	3	5

195	Combined Coronary Artery Bypass Surgery With Bone Marrow Stem Cell Transplantation: Are We There Yet?. <i>Annals of Thoracic Surgery</i> , 2019 , 108, 1913-1921	2.7	5
194	The demise of the stentless valve. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2012 , 24, 5-7	1.7	5
193	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
192	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
191	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
190	Aortic root replacement surgery: indications, techniques and outcomes. <i>Expert Review of Cardiovascular Therapy</i> , 2005 , 3, 845-56	2.5	5
189	Five-year Outcomes of the COMMENCE Trial Investigating Aortic Valve Replacement with RESILIA Tissue.. <i>Annals of Thoracic Surgery</i> , 2022 ,	2.7	5
188	Systematic use of intentional leaflet laceration to prevent TAVI-induced coronary obstruction: feasibility and early clinical outcomes of the BASILICA technique. <i>EuroIntervention</i> , 2020 , 16, 682-690	3.1	5
187	A series of four transcatheter aortic valve replacement in failed Perceval valves. <i>Annals of Cardiothoracic Surgery</i> , 2020 , 9, 280-288	4.7	5
186	Repair of ascending aortic aneurysms following cardiac transplantation. <i>Journal of Cardiac Surgery</i> , 2016 , 31, 778-780	1.3	5
185	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
184	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
183	Twenty-year outcomes of minimally invasive direct coronary artery bypass surgery: The Leipzig experience. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 ,	1.5	5
182	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	3	5
181	Percutaneous valve replacement: Fact or fiction?. <i>Canadian Journal of Cardiology</i> , 2005 , 21, 829-32	3.8	5
180	Aortopathy in Bicuspid Aortic Valve Stenosis with Fusion of Right-Left versus Right-Non-Coronary Cusps: Are These Different Diseases?. <i>Journal of Heart Valve Disease</i> , 2016 , 25, 262-269		5
179	Aortic Valve Surgery in Nonelderly Patients: Insights Gained From AVIATOR. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2019 , 31, 643-649	1.7	4
178	Bicuspid aortic valve increases risk of permanent pacemaker implant following aortic root replacement. <i>European Journal of Cardio-thoracic Surgery</i> , 2016 , 50, 497-503	3	4

177	Advances in Mitral Valve Surgery. <i>Current Treatment Options in Cardiovascular Medicine</i> , 2018 , 20, 75	2.1	4
176	Cardioplegia and myocardial protection: time for a reassessment?. <i>Journal of Thoracic Disease</i> , 2019 , 11, E76-E78	2.6	4
175	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
174	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
173	Infective mitral valve endocarditis after transapical aortic valve implantation. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2013 , 16, 394-5	1.8	4
172	Mitral valve re-replacement in a patient with osteogenesis imperfecta. <i>Thoracic and Cardiovascular Surgeon</i> , 2010 , 58, 486-8	1.6	4
171	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
170	Mechanical assist and transplantation for treatment of giant cell myocarditis. <i>Canadian Journal of Cardiology</i> , 2010 , 26, 96-7	3.8	4
169	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
168	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
167	Surgical therapy of ventricular arrhythmias. <i>Herzschrittmachertherapie Und Elektrophysiologie</i> , 2007 , 18, 62-7	0.8	4
166	Infective endocarditis in a Hancock bioprosthetic heart valve. <i>Journal of Cardiac Surgery</i> , 2005 , 20, 389-92	1.3	4
165	Modification of Reconstruction of Intervalvular Fibrous Body for Extensive Infective Endocarditis. <i>Annals of Thoracic Surgery</i> , 2020 , 109, e211-e214	2.7	4
164	Concomitant Tricuspid Valve Repair during Minimally Invasive Mitral Valve Repair. <i>Thoracic and Cardiovascular Surgeon</i> , 2020 , 68, 486-491	1.6	4
163	Evidence of subannular and left ventricular morphological differences in patients with bicuspid versus tricuspid aortic valve stenosis: magnetic resonance imaging-based analysis. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2017 , 24, 369-376	1.8	4
162	Detrimental effects of cerebrospinal fluid pressure elevation on spinal cord perfusion: first-time direct detection in a large animal model. <i>European Journal of Cardio-thoracic Surgery</i> , 2020 , 58, 286-293	3	4
161	Effects of Custom-made Mouthguards on Cardiopulmonary Exercise Capacity. <i>International Journal of Sports Medicine</i> , 2021 , 42, 448-455	3.6	4
160	Two Decades of Contemporary Surgery of Primary Cardiac Tumors. <i>The Surgery Journal</i> , 2018 , 4, e176-e181	1.8	4

159	Oral health and dental behaviour of patients with left ventricular assist device: a cross-sectional study. <i>ESC Heart Failure</i> , 2020 , 7, 1273-1281	3.7	3
158	Lack in Periodontal Care of Patients Suffering from Severe Heart Diseases-Results after 12 Months Follow-Up. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	3
157	Impact of small prosthesis size on transcatheter or surgical aortic valve replacement outcomes. <i>Catheterization and Cardiovascular Interventions</i> , 2018 , 91, 765-773	2.7	3
156	Avoiding pacemaker implantation with sutureless valves: Staying "on pace" in the era of transcatheter aortic valve replacement. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016 , 152, 636-7	1.5	3
155	Is isolated aortic valve replacement sufficient to treat concomitant moderate functional mitral regurgitation? A propensity-matched analysis. <i>Journal of Cardiothoracic Surgery</i> , 2018 , 13, 72	1.6	3
154	Safety and Efficacy of Transcatheter Edge-to-Edge Repair of the Tricuspid Valve in Patients With Cardiac Implantable Electronic Device Leads. <i>JACC: Cardiovascular Interventions</i> , 2019 , 12, 2114-2116	5	3
153	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
152	Cardioscopically Guided Beating Heart Surgery: Paravalvular Leak Repair. <i>Annals of Thoracic Surgery</i> , 2017 , 104, 1074-1079	2.7	3
151	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
150	Retrograde Type A Ascending Dissection after Total Endovascular Aortic Arch Repair. <i>Aorta</i> , 2014 , 2, 84-6	0.9	3
149	Late perforation of a right ventricular pacing lead: a potentially dangerous complication. <i>Thoracic and Cardiovascular Surgeon</i> , 2009 , 57, 176-7	1.6	3
148	Transcatheter mitral valve repair: a high mountain to climb. <i>European Heart Journal Supplements</i> , 2010 , 12, E46-E51	1.5	3
147	Optimal myocardial preconditioning in humans. <i>Annals of the New York Academy of Sciences</i> , 1999 , 874, 306-19	6.5	3
146	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
145	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
144	Contemporary suprasternal transcatheter aortic valve replacement: A multicenter experience using a simple, reliable alternative access approach. <i>Catheterization and Cardiovascular Interventions</i> , 2020 , 95, 1178-1183	2.7	3
143	Clinical and Microbiological Analysis of Deep Sternal Wound Infections in Fifty-Two Consecutive Patients. <i>Surgical Infections</i> , 2020 , 21, 370-377	2	3
142	Decreased exercise capacity in young athletes using self-adapted mouthguards. <i>European Journal of Applied Physiology</i> , 2021 , 121, 1881-1888	3.4	3

141	Device-induced platelet dysfunction in patients after left ventricular assist device implantation. <i>Journal of Thrombosis and Haemostasis</i> , 2021 , 19, 1331-1341	15.4	3
140	Atrial fibrillation after cardiac surgery: A systematic review and meta-analysis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 ,	1.5	3
139	Less invasive surgical implant strategy and right heart failure after LVAD implantation. <i>Journal of Heart and Lung Transplantation</i> , 2021 , 40, 289-297	5.8	3
138	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
137	Minithoracotomy versus full sternotomy for isolated aortic valve replacement: Propensity matched data from two centers. <i>Journal of Cardiac Surgery</i> , 2021 , 36, 97-104	1.3	3
136	Indication-specific immunomodulatory effects of extracorporeal photopheresis: A pilot study in heart transplanted patients. <i>Journal of Clinical Apheresis</i> , 2018 , 33, 591-599	3.2	3
135	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	2.7	3
134	A giant aneurysm of the left sinus of Valsalva. <i>European Journal of Cardio-thoracic Surgery</i> , 2019 , 56, 627-3		2
133	Minimally Invasive Mitral Valve Surgery via Mini-Thoracotomy: Current Update. <i>Current Treatment Options in Cardiovascular Medicine</i> , 2015 , 17, 48	2.1	2
132	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
131	Surgical management of the aorta in BAV patients. <i>Progress in Cardiovascular Diseases</i> , 2020 , 63, 475-481	18.5	2
130	Multi-biomarker mortality prediction in patients with aortic stenosis undergoing valve replacement. <i>Journal of Cardiology</i> , 2020 , 76, 154-162	3	2
129	Mitral regurgitation after previous aortic valve surgery for bicuspid aortic valve insufficiency. <i>Journal of Cardiovascular Surgery</i> , 2017 , 58, 473-480	0.7	2
128	Thoracic Endovascular Aortic Repair for Aorto-esophageal Fistula after Covered Rupture of Aortic Homograft: A Durable Option?. <i>Aorta</i> , 2017 , 5, 96-100	0.9	2
127	Suprasternal Transcatheter Aortic Valve Replacement in Patients With Marginal Femoral Access. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2018 , 13, 1-4	1.5	2
126	Differences of early immunological responses in on-pump versus off-pump cardiac surgery. <i>Perfusion (United Kingdom)</i> , 2019 , 34, 399-407	1.9	2
125	Isolated Mitral Valve Repair in Patients with Reduced Left Ventricular Ejection Fraction. <i>Annals of Thoracic and Cardiovascular Surgery</i> , 2019 , 25, 326-335	1.8	2
124	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

123	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
122	Aortopathy in bicuspid aortic valve disease: is it really congenital?. <i>Radiology</i> , 2010 , 256, 1015-6; author reply 1016	20.5	2
121	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
120	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
119	Temperature Management During Cardiopulmonary Bypass: Effect of Rewarming Rate on Cognitive Dysfunction. <i>Seminars in Cardiothoracic and Vascular Anesthesia</i> , 2002 , 6, 17-20	1.4	2
118	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	1.5	2
117	Assessment of long-term outcomes: aortic valve reimplantation versus aortic valve and root replacement with biological valved conduit in aortic root aneurysm with tricuspid valve. <i>European Journal of Cardio-thoracic Surgery</i> , 2021 , 59, 658-665	3	2
116	Utilization of in- and outpatient hospital care in Germany during the Covid-19 pandemic insights from the German-wide Helios hospital network. <i>PLoS ONE</i> , 2021 , 16, e0249251	3.7	2
115	Minimally invasive ventricular assist device implantation. <i>Journal of Thoracic Disease</i> , 2021 , 13, 2010-2017	1.6	2
114	Impact of Anesthesia Strategy and Valve Type on Clinical Outcomes After Transcatheter Aortic Valve Replacement. <i>Journal of the American College of Cardiology</i> , 2021 , 77, 2204-2215	15.1	2
113	Cardiogenic Shock From Coronary Compression: A Difficult Diagnosis But Easy Fix. <i>Annals of Thoracic Surgery</i> , 2016 , 101, e111-3	2.7	2
112	Commentary: Optimal perfusion strategy for stroke risk reduction in type A aortic dissection repair-Still unresolved?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 , 159, 2157-2158	1.5	2
111	Anatomical description of the intraspinal collateral network: bringing the concept full circle-is the devil in the details?. <i>European Journal of Cardio-thoracic Surgery</i> , 2021 , 59, 144-146	3	2
110	Evaluation of risk factors for a fulminant <i>Clostridium difficile</i> infection after cardiac surgery: a single-center, retrospective cohort study. <i>BMC Anesthesiology</i> , 2018 , 18, 133	2.4	2
109	Early outcomes of patients with Marfan syndrome and acute aortic type A dissection. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 ,	1.5	2
108	International Consensus Statement on Nomenclature and Classification of the Congenital Bicuspid Aortic Valve and Its Aortopathy, for Clinical, Surgical, Interventional and Research Purposes. <i>Radiology: Cardiothoracic Imaging</i> , 2021 , 3, e200496	8.3	2
107	Custodiol-N [®] cardioplegia lowers cerebral inflammation and activation of hypoxia-inducible factor-1 α . <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2019 , 28, 884-892	1.8	1
106	Direct access valve-in-valve implantation for management of complex valvulopathy. <i>Catheterization and Cardiovascular Interventions</i> , 2019 , 93, 1385-1388	2.7	1

105	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
104	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
103	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
102	Intuity Elite Valve Implantation Technique. <i>Operative Techniques in Thoracic and Cardiovascular Surgery</i> , 2016 , 21, 306-321	0.9	1
101	Acute Effect of Mitral Valve Repair on Mitral Valve Geometry. <i>Thoracic and Cardiovascular Surgeon</i> , 2019 , 67, 516-523	1.6	1
100	Invited commentary. <i>Annals of Thoracic Surgery</i> , 2013 , 95, 619-20	2.7	1
99	Patent foramen ovale. Correct route for implantation of a biventricular permanent pacemaker?. <i>Herzschrittmachertherapie Und Elektrophysiologie</i> , 2012 , 23, 141-3	0.8	1
98	Clinical evaluation of the new BMU 40 in-line blood analysis monitor. <i>Perfusion (United Kingdom)</i> , 2009 , 24, 277-86	1.9	1
97	Transapikale minimal invasive Aortenklappen-Implantation. <i>Zeitschrift Fur Herz-, Thorax- Und Gefasschirurgie</i> , 2007 , 21, 170-178	0.1	1
96	Are patients with mitral regurgitation being referred too late for surgery?. <i>Canadian Journal of Cardiology</i> , 2007 , 23, 215-7	3.8	1
95	Intraoperative fracture of the right coronary artery: recognition and management. <i>Annals of Thoracic Surgery</i> , 2005 , 79, 693-6	2.7	1
94	Safe bilateral use of skeletonized internal thoracic artery in patients with diabetes. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2004 , 127, 1534-5; author reply 1535	1.5	1
93	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
92	Biomechanical engineering analysis of an acute papillary muscle rupture disease model using an innovative 3D-printed left heart simulator.. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2022 ,	1.8	1
91	Thoracoscopic confirmation of correct seating of minimally-invasive rapid-deployment aortic bioprosthesis. <i>Medical Science Monitor</i> , 2013 , 19, 773-6	3.2	1
90	Benefit of Self-Managed Anticoagulation in Patients with Left Ventricular Assist Device. <i>Thoracic and Cardiovascular Surgeon</i> , 2021 , 69, 518-525	1.6	1
89	Management of aortic root in type A dissection: Bentall approach. <i>Journal of Cardiac Surgery</i> , 2021 , 36, 1779-1785	1.3	1
88	Cryoablation for the treatment of atrial fibrillation in patients undergoing minimally invasive mitral valve surgery 2010 , 291-301		1

87	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
86	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
85	Valve-Sparing Root Replacement Versus Bio-Bentall: Inverse Propensity Weighting of 796 Patients. <i>Annals of Thoracic Surgery</i> , 2021 ,	2.7	1
84	Surgical options in infective valve endocarditis with neurological complications. <i>Annals of Cardiothoracic Surgery</i> , 2019 , 8, 661-666	4.7	1
83	Diagnostic tools in surgically treated patients with infective valve endocarditis. <i>Annals of Cardiothoracic Surgery</i> , 2019 , 8, 654-660	4.7	1
82	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
81	"Possum, sed nolo" (I could, but I don't want to). <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 ,	1.5	1
80	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
79	Mechanical circulatory support for early surgical repair of postinfarction ventricular septal defect with cardiogenic shock. <i>Artificial Organs</i> , 2021 , 45, 244-253	2.6	1
78	30-Day perioperative mortality following venoarterial extracorporeal membrane oxygenation for postcardiotomy cardiogenic shock in patients with normal preoperative ejection fraction. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2021 , 32, 817-824	1.8	1
77	Impact of a surgical approach for implantation of durable left ventricular assist devices in patients on extracorporeal life support. <i>Journal of Cardiac Surgery</i> , 2021 , 36, 1344-1351	1.3	1
76	Long-term Follow-up After Transcatheter Aortic Valve Replacement. <i>CJC Open</i> , 2021 , 3, 845-853	2	1
75	Summary: 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, 481-496	3	1
74	Situation Awareness for Circumflex Artery Injury During Mitral Valve Surgery. <i>Annals of Thoracic Surgery</i> , 2019 , 108, e329-e332	2.7	0
73	Invited commentary. <i>Annals of Thoracic Surgery</i> , 2011 , 91, 1827-8	2.7	0
72	Continuous cell saver reduces cognitive decline after cabg surgery. <i>Canadian Journal of Anaesthesia</i> , 2007 , 54, 44543-44543	3	0
71	Commentary: Prevention of Systolic Anterior Motion After Mitral Repair in Hypertrophic Obstructive Cardiomyopathy: One Simple Stitch Fits All?. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2020 , 32, 269-270	1.7	0
70	Video-Assisted Minimally Invasive Aortic Valve Replacement Through Right Anterior Minithoracotomy for All Comers With Aortic Valve Disease. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2021 , 16, 169-174	1.5	0

69	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	o
68	Oral health-related quality of life in patients with heart failure and left ventricular assist devices-results of a cross-sectional study. <i>Clinical Oral Investigations</i> , 2021 , 25, 5879-5887	4.2	o
67	Postoperative outcome after reoperative isolated tricuspid valve surgery-is there a predictor for survival?. <i>European Journal of Cardio-thoracic Surgery</i> , 2021 , 60, 867-871	3	o
66	Effect of cerebrospinal fluid pressure elevation on spinal cord perfusion during aortic cross-clamping with distal aortic perfusion. <i>European Journal of Cardio-thoracic Surgery</i> , 2021 , 60, 569-576	3	o
65	Proximal aortic aneurysms: correlation of maximum aortic diameter and aortic wall thickness. <i>European Journal of Cardio-thoracic Surgery</i> , 2021 , 60, 322-330	3	o
64	Cyclosporine A-enhanced cardioplegia preserves mitochondrial basal respiration after ischemic arrest. <i>Perfusion (United Kingdom)</i> , 2021 , 2676591211025746	1.9	o
63	European registry of type A aortic dissection (ERTAAD) - rationale, design and definition criteria. <i>Journal of Cardiothoracic Surgery</i> , 2021 , 16, 171	1.6	o
62	Spinal cord protection in thoracoabdominal aortic aneurysm surgery: a multimodal approach. <i>Journal of Cardiovascular Surgery</i> , 2021 , 62, 316-325	0.7	o
61	Transatrial Implantation of the Sapien 3 Heart Valve in Severe Mitral Annular Calcification: Multi-Clinic Experience, Written and Video Description. <i>Structural Heart</i> , 2019 , 3, 74-76	0.6	o
60	Quantification of regurgitation in mitral valve prolapse with automated real time echocardiographic 3D proximal isovelocity surface area: multimodality consistency and role of eccentricity index. <i>International Journal of Cardiovascular Imaging</i> , 2021 , 37, 1947-1959	2.5	o
59	Experimental near-infrared spectroscopy-guided minimally invasive segmental artery occlusion. <i>European Journal of Cardio-thoracic Surgery</i> , 2021 , 60, 48-55	3	o
58	Immune Monitoring Assay for Extracorporeal Photopheresis Treatment Optimization After Heart Transplantation. <i>Frontiers in Immunology</i> , 2021 , 12, 676175	8.4	o
57	Summary: International consensus statement on nomenclature and classification of the congenital bicuspid aortic valve and its aortopathy, for clinical, surgical, interventional, and research purposes. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 , 162, 781-797	1.5	o
56	Summary: 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, 1005-1022	2.7	o
55	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	o
54	Zerebrale Protektionsstrategien und Monitoring im hypothermen Kreislaufstillstand. <i>Zeitschrift Fur Herz-, Thorax- Und Gefasschirurgie</i> , 2019 , 33, 393-404	0.1	
53	Bicuspid Aortic Valve: Timing of Surgery 2019 , 531-540		
52	Reconstruction of the Left Ventricular Outflow Tract for Aortic Root Abscess 2019 , 663-676		

- 51 A giant aneurysm of the distal arch after stenting and carotid-subclavian bypass by type B dissection. *European Journal of Cardio-thoracic Surgery*, **2015**, 47, 936-7 3
- 50 Pneumorrhachis After Thoracoabdominal Aortic Repair. *Annals of Thoracic Surgery*, **2020**, 110, e349 2.7
- 49 Strahlenschutz bei katheterinterventionellen Eingriffen. *Zeitschrift Fur Herz-, Thorax- Und Gefasschirurgie*, **2018**, 32, 235-241 0.1
- 48 Invited commentary. *Annals of Thoracic Surgery*, **2014**, 98, 1542-3 2.7
- 47 Retrograde Typ-A-Dissektion nach Rebranching und endovaskulärer Stentgraft-Therapie des Aortenbogens. *Zeitschrift Fur Herz-, Thorax- Und Gefasschirurgie*, **2014**, 28, 265-270 0.1
- 46 Invited commentary. *Annals of Thoracic Surgery*, **2012**, 93, 488 2.7
- 45 Moderate Hypothermie in der Aortenbogenchirurgie: eine Gefahr für das Rückenmark?. *Zeitschrift Fur Herz-, Thorax- Und Gefasschirurgie*, **2012**, 26, 70-77 0.1
- 44 Operative Therapie der akuten Aortendissektion Typ A. *Zeitschrift Fur Herz-, Thorax- Und Gefasschirurgie*, **2013**, 27, 257-260 0.1
- 43 Working with Friedrich Mohr: The International Fellows' View. *Thoracic and Cardiovascular Surgeon*, **2017**, 65 Suppl 3, S155-S157 1.6
- 42 Traumatic sinus of valsalva aneurysm repaired by partial david operation. *The Thoracic and Cardiovascular Surgeon Reports*, **2014**, 3, 13-5 0.3
- 41 Invited commentary. *Annals of Thoracic Surgery*, **2014**, 97, 1259 2.7
- 40 Offen chirurgische Therapie extensiver thorakaler und thorakoabdominaler Aortenaneurysmata. *Zeitschrift Fur Herz-, Thorax- Und Gefasschirurgie*, **2012**, 26, 346-353 0.1
- 39 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
- 38 Reply to Lee. *European Journal of Cardio-thoracic Surgery*, **2013**, 44, 583-4 3
- 37 Patienten mit bikuspidaler Aortenklappe und moderat erweiterter Aorta ascendens. *Zeitschrift Fur Herz-, Thorax- Und Gefasschirurgie*, **2011**, 25, 99-106 0.1
- 36 Reply to Apostolakis et al.. *European Journal of Cardio-thoracic Surgery*, **2009**, 35, 377-378 3
- 35 Staged concept for treatment of severe postsaphenectomy wound infection. *Case Reports in Medicine*, **2011**, 2011, 903839 0.7
- 34 Invited commentary. *Annals of Thoracic Surgery*, **2009**, 88, 1850 2.7

- 33 Peri-operative supplemental warming was associated with fewer morbid cardiac events than routine thermal care. *Evidence-based Cardiovascular Medicine*, **1997**, 1, 78
- 32 Cell saver use during cpb and transfusion rates after cabg surgery. *Canadian Journal of Anaesthesia*, **2007**, 54, 44571-44571 3
- 31 Update Vorhofflimmer-Chirurgie 2008. *Zeitschrift Fur Herz-, Thorax- Und Gefasschirurgie*, **2008**, 22, 23-31 0.1
- 30 Epi-aortic scanning modifies surgical management during cabg surgery. *Canadian Journal of Anaesthesia*, **2006**, 53, 26292-26292 3
- 29 Reply to Kalavrouziotis et al.. *European Journal of Cardio-thoracic Surgery*, **2007**, 32, 189-190 3
- 28 Infective endocarditis of the tricuspid valve. *Journal of Cardiac Surgery*, **2006**, 21, 603-4 1.3
- 27 Beating Heart Coronary Artery Bypass in Patients with Acute Myocardial Infarction: A New Strategy to Protect the Myocardium 144-151
- 26 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
- 25 Invited commentary. *Annals of Thoracic Surgery*, **2003**, 76, 486 2.7
- 24 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
- 23 Biomechanical analysis of neochordal repair error from diastolic phase inversion of static left ventricular pressurization.. *JTCVS Techniques*, **2022**, 12, 54-64 0.2
- 22 Combined Cardiac and Vascular Surgery **2021**, 517-522
- 21 Future Considerations for Acute Aortic Syndromes **2021**, 643-659
- 20 Aortic Valve-Sparing Root Replacement **2020**, 315-324
- 19 Cardiopulmonary Bypass Circuit and the Brain **2011**, 11-18
- 18 Massively dilated right atrium masquerading as a mediastinal tumor. *Clinics and Practice*, **2011**, 1, e20 2.4
- 17 Reply: Why Still IIB And C?. *Journal of Thoracic and Cardiovascular Surgery*, **2020**, 159, e168-e169 1.5
- 16 Transcatheter "valve-in-valve" mitral valve replacement for patient-prosthesis mismatch: Chronicle of a death foretold. *Journal of Cardiac Surgery*, **2020**, 35, 3606-3609 1.3

15	Intraoperative Diagnosis of Subaortic Stenosis in a Young Patient Scheduled for Elective Aortic Valve Replacement. <i>A&A Practice</i> , 2020 , 14, e01288	0.8
14	Impact of pre-existing comorbidities on outcomes of patients undergoing surgical aortic valve replacement - rationale and design of the international IMPACT registry. <i>Journal of Cardiothoracic Surgery</i> , 2021 , 16, 51	1.6
13	Left-Atrial Appendage Thrombosis in Patients With Severe Aortic Stenosis Undergoing Transcatheter Aortic Valve Implantation. <i>Canadian Journal of Cardiology</i> , 2021 , 37, 450-457	3.8
12	Valve-in-Valve Transcatheter Aortic Valve Replacement Versus Redo Surgical Aortic Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2021 , 14, 926-927	5
11	Impact of extra-corporeal life support (ECLS) cannulation strategy on outcome after durable mechanical circulation support system implantation on behalf of durable MCS after ECLS Study Group. <i>Annals of Cardiothoracic Surgery</i> , 2021 , 10, 353-363	4.7
10	Spinal cord monitoring using collateral network near-infrared spectroscopy during extended aortic arch surgery with a frozen elephant trunk. <i>Journal of Surgical Case Reports</i> , 2021 , 2021, rjab174	0.6
9	Propensity score matched comparison of isolated, elective aortic valve replacement with and without concomitant septal myectomy: is it worth it?. <i>Journal of Cardiovascular Surgery</i> , 2021 , 62, 258-267	0.7
8	Predictors of Mortality in Primary Surgical Repair of Postinfarction Ventricular Septal Defects: The Leipzig Experience. <i>Heart Surgery Forum</i> , 2021 , 24, E522-E529	0.7
7	Invited Commentary. <i>Annals of Thoracic Surgery</i> , 2016 , 101, 1442	2.7
6	Commentary: Innovate or perish in cardiac surgical training. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 , 159, 590-591	1.5
5	Validation of the VT-LVAD score for prediction of late VAs in LVAD recipients. <i>Journal of Cardiovascular Electrophysiology</i> , 2021 , 32, 515-522	2.7
4	Magnetic resonance imaging in patients with postoperative spinal cord injury: 'one step at a time towards safer aortic repair'. <i>European Journal of Cardio-thoracic Surgery</i> , 2021 , 60, 174-176	3
3	Commentary: More insights into the resect versus respect debate: Will we ever have a winner?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 ,	1.5
2	Suprasternal Transcatheter Aortic Valve Replacement in Patients with Marginal Femoral Access. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2018 , 13, 1-4	1.5
1	Bilateral Prosthetic Graft Stenosis After Supraaortic Debranching and Thoracic Endovascular Aortic Repair of the Transverse Arch. <i>Annals of Thoracic Surgery</i> , 2018 , 106, e285-e287	2.7