

# Friedhelm Beyersdorf

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/8605583/friedhelm-beyersdorf-publications-by-year.pdf>

**Version:** 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

611  
papers

13,694  
citations

60  
h-index

92  
g-index

745  
ext. papers

17,381  
ext. citations

3  
avg, IF

6.3  
L-index

#	Paper	IF	Citations
611	Cytokine Hemoadsorption During Cardiac Surgery versus Standard Surgical Care for Infective Endocarditis (REMOVE): Results from a Multicenter, Randomized, Controlled Trial.. <i>Circulation</i> , <b>2022</b> ,	16.7	6
610	Limiting calcium overload after cardiac arrest: The role of human albumin in controlled automated reperfusion of the whole body.. <i>Perfusion (United Kingdom)</i> , <b>2022</b> , 2676591211073779	1.9	
609	2021 ESC/EACTS Guidelines for the management of valvular heart disease.. <i>EuroIntervention</i> , <b>2021</b> ,	3.1	14
608	Endo-Bentall for proximal aortic dissection: from conception to application. <i>Asian Cardiovascular and Thoracic Annals</i> , <b>2021</b> , 29, 697-700	0.6	2
607	Reply to Garc�-Villarreal et al. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2021</b> ,	3	2
606	Concomitant Tricuspid Repair in Patients with Degenerative Mitral Regurgitation. <i>New England Journal of Medicine</i> , <b>2021</b> ,	59.2	12
605	Einfluss der bikuspiden und trikuspiden Aortenklappe bei Typ-A-Aortendissektion. <i>Zeitschrift Fur Herz-, Thorax- Und Gefasschirurgie</i> , <b>2021</b> , 35, 358-363	0.1	
604	Endovascular Treatment of Type A Aortic Dissections <b>2021</b> , 261-268		
603	Application of cardiac surgery techniques to improve the results of cardiopulmonary resuscitation after cardiac arrest: Controlled automated reperfusion of the whole body. <i>JTCVS Open</i> , <b>2021</b> ,	0.2	3
602	Societies of Futures Past: Examining the History and Potential of International Society Collaborations in Addressing the Burden of Rheumatic Heart Disease in the Developing World. <i>Frontiers in Cardiovascular Medicine</i> , <b>2021</b> , 8, 740745	5.4	0
601	Excessive oozing through the fabric of the branched Cryolife-Jotec Evita Open NEO hybrid prosthesis. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2021</b> , 60, 423-424	3	6
600	Aortic Arch Anatomy in Candidates for Aortic Arch Repair. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , <b>2021</b> ,	1.7	1
599	Intervention rates and outcomes in medically managed uncomplicated descending thoracic aortic dissections. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2021</b> ,	1.5	3
598	United in earnest: first pilot sites for increased surgical capacity for rheumatic heart disease announced by cardiac surgery intersociety alliance. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2021</b> , 59, 1139-1143	3	1
597	First 5-year multicentric clinical trial experience with the HeartMate 3 left ventricular assist system. <i>Journal of Heart and Lung Transplantation</i> , <b>2021</b> , 40, 247-250	5.8	2
596	United in earnest: First pilot sites for increased surgical capacity for rheumatic heart disease announced by Cardiac Surgery Intersociety Alliance. <i>Asian Cardiovascular and Thoracic Annals</i> , <b>2021</b> , 29, 729-734	0.6	
595	Five-year outcome in 18 010 patients from the German Aortic Valve Registry. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2021</b> , 60, 1139-1146	3	4

594	United in earnest: First pilot sites for increased surgical capacity for rheumatic heart disease announced by Cardiac Surgery Intersociety Alliance. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2021</b> , 161, 2108-2113	1.5	3
593	United in Earnest: First Pilot Sites for Increased Surgical Capacity for Rheumatic Heart Disease Announced by Cardiac Surgery Intersociety Alliance. <i>Annals of Thoracic Surgery</i> , <b>2021</b> , 111, 1931-1936	2.7	
592	Heterogeneity and Remodeling of Ion Currents in Cultured Right Atrial Fibroblasts From Patients With Sinus Rhythm or Atrial Fibrillation. <i>Frontiers in Physiology</i> , <b>2021</b> , 12, 673891	4.6	0
591	Gender-related differences in patients with acute aortic dissection type A. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2021</b> , 162, 528-535.e1	1.5	19
590	Analysis of spinal cord blood supply combining vascular corrosion casting and fluorescence microsphere technique: A feasibility study in an aortic surgical large animal model. <i>Clinical Anatomy</i> , <b>2021</b> , 34, 527-535	2.5	
589	Systolic stretching of the ascending aorta. <i>Archives of Medical Science</i> , <b>2021</b> , 17, 25-30	2.9	0
588	Letter to the Editor of the Journal of Artificial Organs: The flaws in the detail of describing methods, comparing patient cohorts and interpreting results. <i>Journal of Artificial Organs</i> , <b>2021</b> , 24, 305-306	1.8	
587	The intraspinal arterial collateral network: a new anatomical basis for understanding and preventing paraplegia during aortic repair. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2021</b> , 59, 137-144	2	8
586	The Frozen Elephant Trunk Technique for the Treatment of Type B and Type Non-A Non-B Aortic Dissection. <i>European Journal of Vascular and Endovascular Surgery</i> , <b>2021</b> , 61, 107-113	2.3	7
585	Determination of local flow ratios and velocities in a femoral venous cannula with computational fluid dynamics and 4D flow-sensitive magnetic resonance imaging: A method validation. <i>Artificial Organs</i> , <b>2021</b> , 45, 506-515	2.6	1
584	The frozen elephant trunk technique for aortic dissection is safe after previous aortic repair. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2021</b> , 59, 130-136	3	10
583	Transcatheter or surgical aortic valve implantation in chronic dialysis patients: a German Aortic Valve Registry analysis. <i>Clinical Research in Cardiology</i> , <b>2021</b> , 110, 357-367	6.1	3
582	Neurologic recovery after ten minutes of absent cerebral blood flow at normothermia. <i>Perfusion (United Kingdom)</i> , <b>2021</b> , 36, 432-434	1.9	2
581	Commentary: The new kid in town: Pulsed ultrasound to prevent ischemia-reperfusion injury. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2021</b> , 161, e308-e309	1.5	
580	Direct Versus Side Graft Cannulation From the Right Axillary Artery in Thoracic Aortic Surgery. <i>Annals of Thoracic Surgery</i> , <b>2021</b> , 112, 1433-1440	2.7	5
579	The 3-step approach for the treatment of multisegmental thoraco-abdominal aortic pathologies. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2021</b> , 33, 269-275	1.8	0
578	Five-year outcomes of patients supported with HeartMate 3: a single-centre experience. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2021</b> , 59, 1155-1163	3	6
577	Multicentre experience with the frozen elephant trunk technique to treat penetrating aortic ulcers involving the aortic arch. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2021</b> , 59, 1238-1244	3	2

576	Treatment of infectious aortic disease with bovine pericardial tube grafts. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2021</b> , 60, 155-161	3	4
575	Reconstruction of the Mediastinum and Tracheopexy for Tracheomalacia in Straight Back Syndrome. <i>Annals of Thoracic Surgery</i> , <b>2021</b> , 112, e41-e44	2.7	3
574	Brain vulnerability and viability after ischaemia. <i>Nature Reviews Neuroscience</i> , <b>2021</b> , 22, 553-572	13.5	8
573	Rotational thromboelastometry and conventional coagulation tests in patients undergoing major cardiac or aortic surgery: a retrospective single-center cohort study. <i>Journal of Thrombosis and Thrombolysis</i> , <b>2021</b> , 1	5.1	
572	2021 ESC/EACTS Guidelines for the management of valvular heart disease. <i>European Heart Journal</i> , <b>2021</b> ,	9.5	226
571	Efficacy of Vascular Closure Devices in Closing Large-Bore Sheath Arterial Sites after Treatment with Extracorporeal Life Support System. <i>Thoracic and Cardiovascular Surgeon</i> , <b>2021</b> , 69, 537-541	1.6	1
570	2021 ESC/EACTS Guidelines for the management of valvular heart disease. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2021</b> , 60, 727-800	3	60
569	Piezo1 and BK channels in human atrial fibroblasts: Interplay and remodelling in atrial fibrillation. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2021</b> , 158, 49-62	5.8	6
568	Contralateral Stenosis and Echolucent Plaque Morphology are Associated with Elevated Stroke Risk in Patients Treated with Asymptomatic Carotid Artery Stenosis within a Controlled Clinical Trial (SPACE-2). <i>Journal of Stroke and Cerebrovascular Diseases</i> , <b>2021</b> , 30, 105940	2.8	0
567	Commentary: Inattention to detail is the hallmark of mediocrity. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2021</b> ,	1.5	
566	The "ten commandments" for the 2021 ESC/EACTS Guidelines on valvular heart disease. <i>European Heart Journal</i> , <b>2021</b> , 42, 4207-4208	9.5	34
565	Ex Vivo Allograft Perfusion for Complex Pediatric Heart Transplant Recipients. <i>Annals of Thoracic Surgery</i> , <b>2021</b> , 112, 1275-1280	2.7	3
564	Impact of chronic kidney disease in 29 893 patients undergoing transcatheter or surgical aortic valve replacement from the German Aortic Valve Registry. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2021</b> , 59, 532-544	3	0
563	Transcatheter Versus Rapid-Deployment Aortic Valve Replacement: A Propensity-Matched Analysis From the German Aortic Valve Registry. <i>JACC: Cardiovascular Interventions</i> , <b>2020</b> , 13, 2642-2654	5	8
562	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> , <b>2020</b> , 58, 700-706	3	28
561	Acquired von Willebrand Syndrome and Platelet Function Defects during Extracorporeal Life Support (Mechanical Circulatory Support). <i>Hamostaseologie</i> , <b>2020</b> , 40, 221-225	1.9	8
560	Distal Stent Graft-Induced New Entries After the Frozen Elephant Trunk Procedure. <i>Annals of Thoracic Surgery</i> , <b>2020</b> , 110, 1271-1279	2.7	18
559	Landing Zone Remodelling after Endovascular Repair of Dissected Descending Aorta. <i>European Journal of Vascular and Endovascular Surgery</i> , <b>2020</b> , 59, 939-945	2.3	6

558	Distal Stent Graft-Induced New Entry After TEVAR or FET: Insights Into a New Disease From EuREC. <i>Annals of Thoracic Surgery</i> , <b>2020</b> , 110, 1494-1500	2.7	15
557	GARY-The Largest Registry of Aortic Stenosis Treatment Worldwide. <i>European Heart Journal</i> , <b>2020</b> , 41, 733-735	9.5	7
556	Complete 2-Year Results Confirm Bayesian Analysis of the SURTAVI Trial. <i>JACC: Cardiovascular Interventions</i> , <b>2020</b> , 13, 323-331	5	11
555	Transcatheter aortic valve implantation in nonagenarians: insights from the German Aortic Valve Registry (GARY). <i>Clinical Research in Cardiology</i> , <b>2020</b> , 109, 1099-1106	6.1	10
554	Preoperative neurological deficit in acute type A aortic dissection. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2020</b> , 30, 613-619	1.8	11
553	Evaluation of myocardial injury, the need for vasopressors and inotropic support in beating-heart aortic arch surgery. <i>Journal of Cardiovascular Surgery</i> , <b>2020</b> , 61, 505-511	0.7	4
552	Postcardiotomy mechanical support in patients with mitral valve prostheses is associated with poor survival. <i>International Journal of Artificial Organs</i> , <b>2020</b> , 391398820982621	1.9	
551	Response to Letter to the Editor. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , <b>2020</b> , 34, 3486	2.1	
550	How to minimize air embolisms during thoracic endovascular aortic repair with Relay Pro?. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2020</b> , 30, 293-295	1.8	5
549	Impact of left ventricular assist device therapy on the cardiac proteome and metabolome composition in ischemic cardiomyopathy. <i>Artificial Organs</i> , <b>2020</b> , 44, 257-267	2.6	4
548	Aortic dissection reconsidered: type, entry site, malperfusion classification adding clarity and enabling outcome prediction. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2020</b> , 30, 451-457	1.8	30
547	Acquired von Willebrand syndrome and left ventricular assist devices. <i>Journal of Heart and Lung Transplantation</i> , <b>2020</b> , 39, 89	5.8	3
546	Decreased biventricular function following thoracic endovascular aortic repair. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2020</b> , 30, 600-604	1.8	7
545	Reply from authors: Semantics against improving outcome of type A dissection surgery: We can win the battle, but how not to lose the war?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2020</b> , 160, e11-e13	1.5	
544	Twisting and constriction of a HeartMate II driveline in the area of a repair site. <i>Journal of Artificial Organs</i> , <b>2020</b> , 23, 371-373	1.8	
543	Can a trainee perform endovascular aortic repair as effectively and safely as an experienced specialist?. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2020</b> , 31, 841-846	1.8	
542	First Long-Term 5-years Experience with the HeartMate 3 LVAS in Multicentric Clinical Trial. <i>Journal of Heart and Lung Transplantation</i> , <b>2020</b> , 39, S184	5.8	2
541	Transcatheter valve-in-valve implantation in degenerated aortic bioprostheses: are patients with small surgical bioprostheses at higher risk for unfavourable mid-term outcomes?. <i>Annals of Cardiothoracic Surgery</i> , <b>2020</b> , 9, 478-486	4.7	1

540	Impact of Intermittent Functional Internal Iliac Artery Occlusion on Spinal Cord Blood Supply during TEVAR. <i>Thoracic and Cardiovascular Surgeon</i> , <b>2020</b> , 68, 315-321	1.6	3
539	Impact of new pacemaker implantation following surgical and transcatheter aortic valve replacement on 1-year outcome. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2020</b> , 57, 151-159	3	26
538	Aortic reinterventions after the frozen elephant trunk procedure. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2020</b> , 159, 392-399.e1	1.5	32
537	Perioperative Changes of Right Ventricular Function in Cardiac Surgical Patients Assessed by Myocardial Deformation Analysis and 3-Dimensional Echocardiography. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , <b>2020</b> , 34, 708-718	2.1	12
536	Aberrant Vertebral Artery. <i>Annals of Thoracic Surgery</i> , <b>2020</b> , 109, e319	2.7	
535	Type A Aortic Dissection in Patients With Bicuspid Aortic Valve Aortopathy. <i>Annals of Thoracic Surgery</i> , <b>2020</b> , 109, 94-100	2.7	13
534	Standardized Weaning from Temporary Extracorporeal Life Support in Cardiovascular Patients. <i>Thoracic and Cardiovascular Surgeon</i> , <b>2020</b> , 68, 425-432	1.6	0
533	Common carotid artery true lumen flow impairment in patients with type A aortic dissection. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2020</b> ,	3	1
532	Comparison of a Complete Percutaneous versus Surgical Approach to Aortic Valve Replacement and Revascularization in Patients at Intermediate Surgical Risk: Results from the Randomized SURTAVI Trial. <i>Circulation</i> , <b>2019</b> ,	16.7	21
531	Percutaneous coronary intervention versus coronary artery bypass grafting in patients with three-vessel or left main coronary artery disease: 10-year follow-up of the multicentre randomised controlled SYNTAX trial. <i>Lancet, The</i> , <b>2019</b> , 394, 1325-1334	40	206
530	Late surgical conversions after abdominal endovascular aortic repair: underlying mechanisms, clinical results and strategies for prevention. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2019</b> , 29, 944-949	1.8	3
529	Preemptive Extracorporeal Life Support for Surgical Treatment of Severe Constrictive Pericarditis. <i>Annals of Thoracic Surgery</i> , <b>2019</b> , 108, 1376-1381	2.7	1
528	Re: Cardiac surgical operative training: a disincentivized necessity. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2019</b> , 55, 177-178	3	
527	Adding tricuspid repair to standard open heart surgery does not increase risk but improves right ventricular function. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2019</b> , 29, 416-421	1.8	1
526	Morphologic performance analysis of the Relay nonbare stent graft in dissected thoracic aorta. <i>Journal of Vascular Surgery</i> , <b>2019</b> , 70, 1390-1398	3.5	4
525	Redo aortic root repair in patients with infective prosthetic endocarditis using xenopericardial solutions. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2019</b> , 29, 339-343	1.8	2
524	Does the heart transplant have a future?. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2019</b> , 55, i38-i48	3	18
523	Standards of reporting in open and endovascular aortic surgery (STORAGE guidelines). <i>European Journal of Cardio-thoracic Surgery</i> , <b>2019</b> , 56, 10-20	3	34

522	Impact of Carotid Artery Involvement in Type A Aortic Dissection. <i>Circulation</i> , <b>2019</b> , 139, 1977-1978	16.7	9
521	Cardiac Transplantation in Higher Risk Patients: Is Ex Vivo Heart Perfusion a Safe Preservation Technique? A Two Center Experience. <i>Journal of Heart and Lung Transplantation</i> , <b>2019</b> , 38, S43	5.8	6
520	Organ Preservation and Implantation. <i>Cardiovascular Medicine</i> , <b>2019</b> , 223-230	0.1	
519	Outcomes After Thoracic Endovascular Aortic Repair With Overstenting of the Left Subclavian Artery. <i>Annals of Thoracic Surgery</i> , <b>2019</b> , 107, 1372-1379	2.7	7
518	Modelling of predissection aortic size in acute descending aortic dissection. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2019</b> , 29, 124-129	1.8	4
517	Multicentre experience with two frozen elephant trunk prostheses in the treatment of acute aortic dissection. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2019</b> , 56, 572-578	3	30
516	Human Atrial Fibroblast Adaptation to Heterogeneities in Substrate Stiffness. <i>Frontiers in Physiology</i> , <b>2019</b> , 10, 1526	4.6	7
515	Long-term evaluation of a fully magnetically levitated circulatory support device for advanced heart failure-two-year results from the HeartMate 3 CE Mark Study. <i>European Journal of Heart Failure</i> , <b>2019</b> , 21, 90-97	12.3	55
514	Anatomic feasibility of an endovascular valve-carrying conduit for the treatment of type A aortic dissection. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2019</b> , 157, 26-34.e1	1.5	20
513	Statistical primer: checking model assumptions with regression diagnostics. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2019</b> , 28, 1-8	1.8	8
512	Results of primary biventricular support: an analysis of data from the EUROMACS registry. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2019</b> , 56, 1037-1045	3	19
511	Endovascular aortic arch repair using a double-branched approach. <i>Indian Journal of Thoracic and Cardiovascular Surgery</i> , <b>2019</b> , 35, 164-168	0.4	3
510	Outcome of Near-Infrared Spectroscopy-Guided Selective Shunting During Carotid Endarterectomy in General Anesthesia. <i>Annals of Vascular Surgery</i> , <b>2019</b> , 61, 170-177	1.7	11
509	Controlled automated reperfusion of the whole body after cardiac arrest. <i>Journal of Thoracic Disease</i> , <b>2019</b> , 11, S1464-S1470	2.6	16
508	Influence of Age and the Burden of Ischemic Injury on the Outcome of Type A Aortic Dissection Repair. <i>Annals of Thoracic Surgery</i> , <b>2019</b> , 108, 1391-1397	2.7	11
507	Impact of Intermittent Functional Internal Iliac Artery Occlusion on Spinal Cord Blood Supply During TEVAR. <i>Journal of Vascular Surgery</i> , <b>2019</b> , 70, 1009-1010	3.5	
506	The Use of Biological Heart Valves. <i>Deutsches A&amp;#x0308;rztblatt International</i> , <b>2019</b> , 116, 423-430	2.5	1
505	Perfusion parameters and target values during extracorporeal cardiopulmonary resuscitation: a scoping review protocol. <i>BMJ Open</i> , <b>2019</b> , 9, e030562	3	

504	"Spades" Sign in Acute Type A Aortic Dissection. <i>Annals of Thoracic Surgery</i> , <b>2019</b> , 108, e343	2.7	
503	Spontaneous leakage of the Thoraflex® frozen elephant trunk prosthesis. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2019</b> , 28, 327-329	1.8	8
502	Acquired von Willebrand syndrome in paediatric patients during mechanical circulatory support. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2019</b> , 55, 1194-1201	3	12
501	Patients at low surgical risk as defined by the Society of Thoracic Surgeons Score undergoing isolated interventional or surgical aortic valve implantation: in-hospital data and 1-year results from the German Aortic Valve Registry (GARY). <i>European Heart Journal</i> , <b>2019</b> , 40, 1323-1330	9.5	60
500	Accuracy of deployment of the Relay non-bare stent graft in the aortic arch. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2019</b> , 28, 797-802	1.8	10
499	Outcomes of Early-Onset Acute Type A Aortic Dissection - Influence of Etiologic Factors. <i>Circulation Journal</i> , <b>2019</b> , 83, 285-294	2.9	6
498	Investigating the Impact of Early Valve Surgery on Survival in Staphylococcus aureus Infective Endocarditis Using a Marginal Structural Model Approach: Results of a Large, Prospectively Evaluated Cohort. <i>Clinical Infectious Diseases</i> , <b>2019</b> , 69, 487-494	11.6	3
497	Ergebnisse der Transplantation von Spenderherzen nach normothermer Ex-vivo-Perfusion. <i>Zeitschrift Fur Herz-, Thorax- Und Gefasschirurgie</i> , <b>2019</b> , 33, 199-203	0.1	
496	Local and Lower Limb Complications during and after Femoral Cannulation for Extracorporeal Life Support. <i>Thoracic and Cardiovascular Surgeon</i> , <b>2019</b> , 67, 176-182	1.6	5
495	Benefits and Risks of Prophylactic Cerebrospinal Fluid Catheter and Evoked Potential Monitoring in Symptomatic Spinal Cord Ischemia Low-Risk Thoracic Endovascular Aortic Repair. <i>Thoracic and Cardiovascular Surgeon</i> , <b>2019</b> , 67, 379-384	1.6	11
494	True-lumen and false-lumen diameter changes in the downstream aorta after frozen elephant trunk implantation. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2018</b> , 54, 375-381	3	32
493	The frozen elephant trunk technique for the treatment of acute complicated Type B aortic dissection. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2018</b> , 53, 525-530	3	38
492	Emergency Repair of a Perforated Mycotic Aneurysm with a Self-made Pericardial Tube-graft. <i>The Thoracic and Cardiovascular Surgeon Reports</i> , <b>2018</b> , 7, e9-e11	0.3	
491	The COSTA Study: Sternal Closure in High-Risk Patients - A Prospective Randomized Multicenter Trial. <i>Thoracic and Cardiovascular Surgeon</i> , <b>2018</b> , 66, 508-516	1.6	0
490	Orthotopic branched endovascular aortic arch repair in patients who cannot undergo classical surgery. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2018</b> , 53, 1007-1012	3	57
489	Platelet Secretion Defects and Acquired von Willebrand Syndrome in Patients With Ventricular Assist Devices. <i>Journal of the American Heart Association</i> , <b>2018</b> , 7,	6	33
488	How does descending aorta geometry change when it dissects?. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2018</b> , 53, 815-821	3	34
487	Impact of proximal radiopaque coronary bypass graft markers on postbypass surgery coronary angiography. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2018</b> , 155, 1565-1572	1.5	4



486	Leitlinien Aortenerkrankungen der European Society of Cardiology. <i>Zeitschrift Fur Herz-, Thorax- Und Gefasschirurgie</i> , <b>2018</b> , 32, 127-132	0.1	
485	Somatic Development in Children with Congenital Heart Defects. <i>Journal of Pediatrics</i> , <b>2018</b> , 192, 136-143	3.4	6
484	Alteration of von Willebrand Factor after Transcatheter Aortic Valve Replacement in the Absence of Paravalvular Regurgitation. <i>Thrombosis and Haemostasis</i> , <b>2018</b> , 118, 103-111	7	4
483	New insights into spinal cord ischaemia after thoracic aortic procedures: the importance of the number of anterior radiculomedullary arteries for surgical outcome. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2018</b> , 54, 149-156	3	12
482	Kommentar zu den Leitlinien (2017) der ESC/EACTS zum Management von Herzklappenerkrankungen. <i>Kardiologe</i> , <b>2018</b> , 12, 184-193	0.6	5
481	Moderate ischemic mitral regurgitation: coronary artery bypass grafting with versus without simultaneous treatment of the mitral valve. <i>Journal of Cardiovascular Surgery</i> , <b>2018</b> , 59, 830-835	0.7	1
480	Perioperative Management of a Large Idiopathic Pulmonary Artery Aneurysm Without Pulmonary Arterial Hypertension. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , <b>2018</b> , 32, 2402-2408	2.1	5
479	Improved Outcome in an Animal Model of Prolonged Cardiac Arrest Through Pulsatile High Pressure Controlled Automated Reperfusion of the Whole Body. <i>Artificial Organs</i> , <b>2018</b> , 42, 992-1000	2.6	6
478	Akute Non-A-non-B-Aortendissektion. <i>Zeitschrift Fur Herz-, Thorax- Und Gefasschirurgie</i> , <b>2018</b> , 32, 339-340	0.1	
477	Impact of reimplantation technique of supra-aortic branches in total arch replacement on stroke rate and survival: results from the ARCH registry. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2018</b> , 54, 1045-1051	3	5
476	Surgical Treatment of Native and Prosthetic Aortic Infection With Xenopericardial Tube Grafts. <i>Annals of Thoracic Surgery</i> , <b>2018</b> , 106, 498-504	2.7	29
475	The Cape Town Declaration on Access to Cardiac Surgery in the Developing World. <i>Annals of Thoracic Surgery</i> , <b>2018</b> , 106, 930-933	2.7	13
474	Abdominal aortic aneurysm neck remodeling after Anaconda stent graft implantation. <i>Journal of Vascular Surgery</i> , <b>2018</b> , 68, 1354-1359.e2	3.5	14
473	Wall stress correlates with intimal entry tear localization in Type A aortic dissection. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2018</b> , 27, 797-801	1.8	9
472	Intraoperative detection of circulating tumor cells in pulmonary venous blood during metastasectomy for colorectal lung metastases. <i>Scientific Reports</i> , <b>2018</b> , 8, 8751	4.9	10
471	The Cape Town Declaration on Access to Cardiac Surgery in the Developing World. <i>Cardiovascular Journal of Africa</i> , <b>2018</b> , 29, 256-259	0.7	11
470	Valve sparing aortic root replacement and beating-heart aortic arch replacement in Frozen Elephant Trunk technique. <i>Multimedia Manual of Cardiothoracic Surgery: MMCTS / European Association for Cardio-Thoracic Surgery</i> , <b>2018</b> , 2018,	0.2	
469	Aortic Replacement After TEVAR-Diameter Correction With Modified Use of the Siena Prosthesis. <i>Annals of Thoracic Surgery</i> , <b>2018</b> , 105, 587-591	2.7	7

468	Twenty minutes of normothermic cardiac arrest in a pig model: the role of short-term hypothermia for neurological outcome. <i>Perfusion (United Kingdom)</i> , <b>2018</b> , 33, 270-277	1.9	5
467	Endovaskuläre Aortentherapie. <i>Zeitschrift Fur Herz-, Thorax- Und Gefasschirurgie</i> , <b>2018</b> , 32, 7-13	0.1	
466	Chronic type B "residual" after type A: what I would do?. <i>Journal of Visualized Surgery</i> , <b>2018</b> , 4, 14	0.3	6
465	Somatosensory and transcranial motor evoked potential monitoring in a porcine model for experimental procedures. <i>PLoS ONE</i> , <b>2018</b> , 13, e0205410	3.7	3
464	The Cape Town Declaration on Access to Cardiac Surgery in the Developing World. <i>Asian Cardiovascular and Thoracic Annals</i> , <b>2018</b> , 26, 535-539	0.6	0
463	The Cape Town Declaration on Access to Cardiac Surgery in the Developing World. <i>South African Medical Journal</i> , <b>2018</b> , 108, 702-704	1.5	8
462	Endovascular treatment of acute Type A aortic dissection-the Endo Bentall approach. <i>Journal of Visualized Surgery</i> , <b>2018</b> , 4, 69	0.3	11
461	Global Unmet Needs in Cardiac Surgery. <i>Global Heart</i> , <b>2018</b> , 13, 293-303	2.9	65
460	The Cape Town declaration on access to cardiac surgery in the developing world. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2018</b> , 54, 407-410	3	15
459	Kommentar zu den Leitlinien (2017) der ESC/EACTS zum Management von Herzklappenerkrankungen. <i>Zeitschrift Fur Herz-, Thorax- Und Gefasschirurgie</i> , <b>2018</b> , 32, 208-217	0.1	2
458	In Vitro Evaluation of Aortic Stent Graft Deployment Accuracy in the Distal Landing Zone. <i>European Journal of Vascular and Endovascular Surgery</i> , <b>2018</b> , 56, 808-816	2.3	8
457	Inaccurate aortic stent graft deployment in the distal landing zone: incidence, reasons and consequences. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2018</b> , 53, 1158-1164	3	25
456	Staphylococcus aureus bloodstream infection in patients with ventricular assist devices-Management and outcome in a prospective bicenter cohort. <i>Journal of Infection</i> , <b>2018</b> , 77, 30-37 <sup>18.9</sup>		4
455	Spinal ischaemia after thoracic endovascular aortic repair with left subclavian artery sacrifice: is there a critical stent graft length?. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2018</b> , 53, 385-391	3	5
454	Endovaskuläre Behandlung des Aortenbogenaneurysmas. <i>Zeitschrift Fur Herz-, Thorax- Und Gefasschirurgie</i> , <b>2018</b> , 32, 258-262	0.1	
453	How do I get my article published? Insight from an EACTS luncheon. <i>Journal of Cardiovascular Medicine</i> , <b>2017</b> , 18, 843	1.9	
452	Acquired Von Willebrand syndrome in patients on long-term support with HeartMate II. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2017</b> , 51, 587-590	3	10
451	Technical details making aortic arch replacement a safe procedure using the Thoraflex Hybrid prosthesis. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2017</b> , 51, i15-i19	3	22

450	Invited Commentary. <i>Annals of Thoracic Surgery</i> , <b>2017</b> , 103, 827		2.7
449	Altered Regional Myocardial Mechanics in Transplanted Hearts: Influence of Time and Transplantation. <i>Thoracic and Cardiovascular Surgeon</i> , <b>2017</b> , 65, 415-422	1.6	3
448	Proteomics highlights decrease of matricellular proteins in left ventricular assist device therapy□ <i>European Journal of Cardio-thoracic Surgery</i> , <b>2017</b> , 51, 1063-1071	3	9
447	Heartmate 3 fully magnetically levitated left ventricular assist device for the treatment of advanced heart failure -1 year results from the Ce mark trial. <i>Journal of Cardiothoracic Surgery</i> , <b>2017</b> , 12, 23	1.6	79
446	HeartMate 3 Fully Magnetically Levitated Left Ventricular Assist Device for the Treatment of Advanced Heart Failure - CE Mark Study 2-Year Results. <i>Journal of Heart and Lung Transplantation</i> , <b>2017</b> , 36, S66	5.8	4
445	Aneurysms of the azygos vein. <i>Journal of Vascular Surgery: Venous and Lymphatic Disorders</i> , <b>2017</b> , 5, 576-586	3.8	10
444	Friedrich Mohr: The 20th President of the German Society for Thoracic and Cardiovascular Surgery-A Tribute. <i>Thoracic and Cardiovascular Surgeon</i> , <b>2017</b> , 65 Suppl 3, S145-S146	1.6	
443	Body image after heart transplantation compared to mechanical aortic valve insertion. <i>International Journal of Psychiatry in Clinical Practice</i> , <b>2017</b> , 21, 277-282	2.4	5
442	Acute non-A non-B aortic dissection: incidence, treatment and outcome. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2017</b> , 52, 1111-1117	3	48
441	Fate of the dissected aortic arch after ascending replacement in type A aortic dissection□ <i>European Journal of Cardio-thoracic Surgery</i> , <b>2017</b> , 51, 1127-1134	3	40
440	Reply to Stamm et al. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2017</b> , 51, 192	3	1
439	Left Ventricular Reconstruction and Conventional Surgery for Cardiac Failure <b>2017</b> , 743-757		
438	Spinal Ischemia in Thoracic Aortic Procedures: Impact of Radiculomedullary Artery Distribution. <i>Annals of Thoracic Surgery</i> , <b>2017</b> , 104, 1953-1959	2.7	1
437	The combined impact of mechanical factors on the wall stress of the human ascending aorta - a finite elements study. <i>BMC Cardiovascular Disorders</i> , <b>2017</b> , 17, 297	2.3	8
436	Controlled automated reperfusion of the whole body after 120 minutes of Cardiopulmonary resuscitation: first clinical report. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , <b>2017</b> , 25, 66	3.6	10
435	Reply by the Authors of the Original Article. <i>Thoracic and Cardiovascular Surgeon</i> , <b>2017</b> , 65, 72	1.6	
434	Characterization of serum matrix metalloproteinase 2/9 levels in patients with ascending aortic aneurysms. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2017</b> , 24, 20-26	1.8	12
433	Safety of Simultaneous Coronary Artery Bypass Grafting and Carotid Endarterectomy Versus Isolated Coronary Artery Bypass Grafting: A Randomized Clinical Trial. <i>Stroke</i> , <b>2017</b> , 48, 2769-2775	6.7	45

432	Long-Term Follow-Up on Health-Related Quality of Life After Mechanical Circulatory Support in Children. <i>Pediatric Critical Care Medicine</i> , <b>2017</b> , 18, 176-182	3	10
431	A novel aortic clamp distributing equal pressure along the jaws. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2017</b> , 154, 1524-1525	1.5	0
430	Rahmenbedingungen für ein Kinderherztransplantationsprogramm. <i>Zeitschrift Für Herz-, Thorax- Und Gefasschirurgie</i> , <b>2017</b> , 31, 308-314	0.1	
429	Thigh compartment syndrome during extracorporeal life support. <i>Journal of Vascular Surgery: Venous and Lymphatic Disorders</i> , <b>2017</b> , 5, 859-863	3.2	5
428	Operieren mithilfe einer App. <i>Zeitschrift Für Herz-, Thorax- Und Gefasschirurgie</i> , <b>2017</b> , 31, 143-146	0.1	
427	Hypothermie und ihr Einfluss auf das Tumorwachstum. <i>Zeitschrift Für Herz-, Thorax- Und Gefasschirurgie</i> , <b>2017</b> , 31, 222-227	0.1	
426	Das kollaterale Netzwerk inklusive des Vier-Regionen-Konzepts und des intraspinalen kollateralen Netzwerks. <i>Gefasschirurgie</i> , <b>2017</b> , 22, 83-87	0.3	
425	Towards a cardiac allocation score: a retrospective calculation for 73 patients from a German transplant center. <i>Journal of Cardiothoracic Surgery</i> , <b>2017</b> , 12, 14	1.6	6
424	Descendo-bifemoral bypass grafting and renal artery revascularization to treat complex obliterative arteriopathy. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2017</b> , 24, 655-658	1.8	1
423	Implantation of the HeartMate 3 Description of the Surgical Technique. <i>Operative Techniques in Thoracic and Cardiovascular Surgery</i> , <b>2017</b> , 22, 173-185	0.9	3
422	Reply by the Authors of the Original Article. <i>Thoracic and Cardiovascular Surgeon</i> , <b>2017</b> , 65, e2	1.6	1
421	Pediced and free flaps for intrathoracic fistula management. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2017</b> , 52, 1211-1217	3	7
420	Semi-Controlled Aortic Stent Graft Deployment in the Distal Landing Zone: Incidence, Reasons and Consequences. <i>Thoracic and Cardiovascular Surgeon</i> , <b>2017</b> , 65, S1-S110	1.6	
419	New Insights into Spinal Cord Ischemia after Thoracic Aortic Procedures: The Importance of Anterior Radiculo-Medullary Artery Anatomy for Surgical Outcome. <i>Thoracic and Cardiovascular Surgeon</i> , <b>2017</b> , 65, S1-S110	1.6	
418	A New Mechanism of Unilateral Motor Evoked and Somatosensory Evoked Potential Decrease or Loss during Thoracic Endovascular Aortic Repair. <i>Thoracic and Cardiovascular Surgeon</i> , <b>2017</b> , 65, S1-S110	1.6	
417	Conversion to Prosthetic Replacement after Scheduled Valve-Sparing Aortic Root Replacement: What Is the Role of Complex Mechanisms of Aortic Regurgitation?. <i>Thoracic and Cardiovascular Surgeon</i> , <b>2017</b> , 65, S1-S110	1.6	
416	Left-Ventricular-Assist-Device Weaning Protocol Including Exercise and Invasive Hemodynamics - Multi-Institutional Experience. <i>Thoracic and Cardiovascular Surgeon</i> , <b>2017</b> , 65, S1-S110	1.6	
415	Acute Non-A Non-B Aortic Dissection: Definition, Treatment and Outcome. <i>Thoracic and Cardiovascular Surgeon</i> , <b>2017</b> , 65, S1-S110	1.6	

414	Bicuspid Aortic Valve-Sparing Root Surgery: What Is the Fate of Residual Aortic Regurgitation?. <i>Thoracic and Cardiovascular Surgeon</i> , <b>2017</b> , 65, S1-S110	1.6	
413	Successful retrieval of an active fixation leadless pacemaker in a 74-year-old woman 506 days post-implant. <i>Europace</i> , <b>2017</b> , 19, 1729	3.9	2
412	Progression of Aortic Regurgitation After Different Repair Techniques for Congenital Aortic Valve Stenosis. <i>Pediatric Cardiology</i> , <b>2016</b> , 37, 84-9	2.1	6
411	Generalized Malperfusion Due to Systemic Embolization From a Large Thrombosed Pulmonary Vein Aneurysm. <i>Annals of Thoracic Surgery</i> , <b>2016</b> , 102, e123-4	2.7	
410	Multicentre clinical trial experience with the HeartMate 3 left ventricular assist device: 30-day outcomes. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2016</b> , 50, 548-54	3	28
409	Immediate Spinal Cord Collateral Blood Flow During Thoracic Aortic Procedures: The Role of Epidural Arcades. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , <b>2016</b> , 28, 378-387	1.7	14
408	EACTS clinical statement: guidance for the provision of adult cardiac surgery. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2016</b> , 50, 1006-1009	3	16
407	Ablation of biglycan attenuates cardiac hypertrophy and fibrosis after left ventricular pressure overload. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2016</b> , 101, 145-155	5.8	28
406	Endovaskulärer Aortenklappen- und Aszendensersatz. <i>Zeitschrift Fur Herz-, Thorax- Und Gefasschirurgie</i> , <b>2016</b> , 30, 339-342	0.1	
405	Unequal pressure distribution along the jaws of currently available vascular clamps: do we need a new aortic clamp?. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2016</b> , 49, 1671-5	3	5
404	The JUPITER registry: 1-year results of transapical aortic valve implantation using a second-generation transcatheter heart valve in patients with aortic stenosis. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2016</b> , 50, 874-881	3	31
403	Genetic variations of phenprocoumon metabolism in patients with ventricular assist devices. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2016</b> , 50, 275-80	3	2
402	Aspekte der Hämohstase bei Patienten mit mechanischer Herzunterstützung. <i>Zeitschrift Fur Herz-, Thorax- Und Gefasschirurgie</i> , <b>2016</b> , 30, 127-131	0.1	
401	Is right axillary artery cannulation safe in type A aortic dissection with involvement of the innominate artery?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2016</b> , 152, 801-807.e1	1.5	26
400	The TEVAR App: a contemporary guide to thoracic endovascular aortic repair. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2016</b> , 22, 228-30	1.8	8
399	Mental health status of patients with mechanical aortic valves, with ventricular assist devices and after heart transplantation. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2016</b> , 23, 321-5	1.8	9
398	Current Results of Surgical Aortic Valve Replacement: Insights From the German Aortic Valve Registry. <i>Annals of Thoracic Surgery</i> , <b>2016</b> , 101, 658-66	2.7	35
397	Geometric ring annuloplasty as an adjunct to aortic valve repair: clinical investigation of the HAART 300 device. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2016</b> , 49, 987-93	3	34

396	Residual and Progressive Aortic Regurgitation After Valve-Sparing Root Replacement: A Propensity-Matched Multi-Institutional Analysis in 764 Patients. <i>Annals of Thoracic Surgery</i> , <b>2016</b> , 101, 1500-6	2.7	20
395	Right ventricular function after aortic valve replacement: a pilot study comparing surgical and transcatheter procedures using 3D echocardiography. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2016</b> , 49, 966-71	3	27
394	Improved Values for Acquired Von Willebrand Syndrome and Better Clinical Outcome in Patients with Heartmate III Compared to Heartmate II. <i>Blood</i> , <b>2016</b> , 128, 2582-2582	2.2	3
393	Selective Heart, Brain and Body Perfusion in Open Aortic Arch Replacement. <i>Journal of Extra-Corporeal Technology</i> , <b>2016</b> , 48, 122-128	0.4	
392	Preprocedural planning and implantation of a transcatheter aortic valve without the use of contrast agent. <i>EuroIntervention</i> , <b>2016</b> , 11, 1433	3.1	
391	MMP-2 Isoforms in Aortic Tissue and Serum of Patients with Ascending Aortic Aneurysms and Aortic Root Aneurysms. <i>PLoS ONE</i> , <b>2016</b> , 11, e0164308	3.7	9
390	Photonic sensing of arterial distension. <i>Biomedical Optics Express</i> , <b>2016</b> , 7, 3230-3246	3.5	1
389	Short-term intervention to reduce anxiety before coronary artery bypass surgery--a randomised controlled trial. <i>Journal of Clinical Nursing</i> , <b>2016</b> , 25, 351-61	3.2	13
388	A randomized, parallel group, double-blind study of ticagrelor compared with aspirin for prevention of vascular events in patients undergoing coronary artery bypass graft operation: Rationale and design of the Ticagrelor in CABG (TiCAB) trial: An Investigator-Initiated trial. <i>American Heart Journal</i> <b>2016</b> , 179, 69-76	4.9	12
387	Aortic root volume is associated with contained rupture of the aortic annulus in balloon-expandable transcatheter aortic valve replacement. <i>Catheterization and Cardiovascular Interventions</i> , <b>2016</b> , 87, 807-17	2.7	6
386	Preserved brain morphology after controlled automated reperfusion of the whole body following normothermic circulatory arrest time of up to 20 minutes. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2016</b> , 50, 1025-1034	3	22
385	Recurrent pulseless electrical activity in a patient with coronary vasospasm and supra-avalvular aortic stenosis: a case report. <i>BMC Cardiovascular Disorders</i> , <b>2016</b> , 16, 100	2.3	2
384	Quality of Life After Transcatheter Aortic Valve Replacement: Prospective Data From GARY (German Aortic Valve Registry). <i>JACC: Cardiovascular Interventions</i> , <b>2016</b> , 9, 2541-2554	5	34
383	Thoracic endovascular aortic repair for uncomplicated type B aortic dissection. <i>Current Opinion in Cardiology</i> , <b>2016</b> , 31, 606-610	2.1	3
382	Transposition der Kopf- und HalsgefäÙ. <i>Zeitschrift Fur Herz-, Thorax- Und Gefasschirurgie</i> , <b>2016</b> , 30, 290-298.1		
381	Quality of life among elderly patients undergoing transcatheter or surgical aortic valve replacement- a model-based longitudinal data analysis. <i>Health and Quality of Life Outcomes</i> , <b>2016</b> , 14, 109	3	12
380	Aufbau und Organisation von Herzinsuffizienz-Netzwerken (HF-NETs) und Herzinsuffizienz-Einheiten (Heart Failure Units [HFUs]) zur Optimierung der Behandlung der akuten und chronischen Herzinsuffizienz. <i>Kardiologe</i> , <b>2016</b> , 10, 222-235	0.6	25
379	Two Aortic Ruptures in Two Months-Role of Cross-Clamp-Associated Late Injury. <i>Annals of Vascular Surgery</i> , <b>2016</b> , 32, 129.e17-9	1.7	1

378	HeartMate 3 Fully Magnetically Levitated Left Ventricular Assist Device for the Treatment of Advanced Heart Failure -1 Year Results from the CE Mark Trial. <i>Journal of Heart and Lung Transplantation</i> , <b>2016</b> , 35, S9	5.8	3
377	Pimobendan in Chronic Right Heart Failure in a Left Ventricular Assist Device Patient. <i>The Thoracic and Cardiovascular Surgeon Reports</i> , <b>2016</b> , 5, 39-40	0.3	1
376	Survival and freedom from aortic valve-related reoperation after valve-sparing aortic root replacement in 1015 patients. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2016</b> , 22, 431-8	1.8	25
375	A Technical Modification for Establishing Selective Antegrade Cerebral Perfusion during Pulmonary Endarterectomy. <i>The Thoracic and Cardiovascular Surgeon Reports</i> , <b>2016</b> , 5, 33-35	0.3	
374	Herzchirurgische Therapieansätze bei terminaler Herzinsuffizienz. <i>Kardiologie Up2date</i> , <b>2016</b> , 12, 27-43	0	
373	VEGF Pathways in the Lymphatics of Healthy and Diseased Heart. <i>Microcirculation</i> , <b>2016</b> , 23, 5-14	2.9	27
372	Aneurysms of the pulmonary artery. <i>Circulation</i> , <b>2015</b> , 131, 310-6	16.7	106
371	Aortic surgery and spinal collateral flow: A call for structured approaches to functional characterization of the intraspinal collateral system. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2015</b> , 149, 1675-80	1.5	4
370	Investigation of hemodynamics in an in vitro system simulating left ventricular support through the right subclavian artery using 4-dimensional flow magnetic resonance imaging. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2015</b> , 150, 200-7	1.5	4
369	Porcine aortic surgical model to study isolated intraspinal collateralization. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2015</b> , 150, 413-4	1.5	0
368	Unilateral pulmonary oedema after minimally invasive cardiac surgery via right anterolateral minithoracotomy. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2015</b> , 47, 1097-102	3	29
367	Distal aortic reintervention after surgery for acute DeBakey type I or II aortic dissection: open versus endovascular repair. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2015</b> , 48, 258-63	3	22
366	Resuscitation in cardiac surgical patients: Symptoms versus cause. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2015</b> , 149, 1219-20	1.5	2
365	Neuron-specific enolase correlates to laboratory markers of haemolysis in patients on long-term circulatory support. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2015</b> , 48, 416-20; discussion 420	3	15
364	Two-year survival of patients screened for transcatheter aortic valve replacement with potentially malignant incidental findings in initial body computed tomography. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2015</b> , 16, 731-7	4.1	26
363	Methodology manual for European Association for Cardio-Thoracic Surgery (EACTS) clinical guidelines. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2015</b> , 48, 809-16	3	2
362	Platelet dysfunction and acquired von Willebrand syndrome in patients with left ventricular assist devices. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2015</b> , 48, 421-7	3	45
361	Adrenergic Repression of the Epigenetic Reader MeCP2 Facilitates Cardiac Adaptation in Chronic Heart Failure. <i>Circulation Research</i> , <b>2015</b> , 117, 622-33	15.7	44

360	Bicuspid Aortic Valve Resuspension in Acute Type A Aortic Dissection Patients. <i>Annals of Thoracic Surgery</i> , <b>2015</b> , 100, 827-32	2.7	5
359	HeartMate 3, Fully Magnetically Levitated Left Ventricular Assist Device for the Treatment of Advanced Heart Failure Results from the CE Mark Trial. <i>Journal of Cardiac Failure</i> , <b>2015</b> , 21, 936	3.3	5
358	Analysis of the additional costs of clinical complications in patients undergoing transcatheter aortic valve replacement in the German Health Care System. <i>International Journal of Cardiology</i> , <b>2015</b> , 179, 231-7	3.2	18
357	eReply. Long-term follow-up data are needed in new valve technologies!. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2015</b> , 21, 665-6	1.8	
356	In-hospital resource utilization in surgical and transcatheter aortic valve replacement. <i>BMC Cardiovascular Disorders</i> , <b>2015</b> , 15, 132	2.3	5
355	Fenestrated and Branched Aortic Grafts. <i>Deutsches Arzteblatt International</i> , <b>2015</b> , 112, 816-22	2.5	14
354	Effect of Availability of Transcatheter Aortic-Valve Replacement on Clinical Practice. <i>New England Journal of Medicine</i> , <b>2015</b> , 373, 2438-47	59.2	144
353	Healthcare-associated prosthetic heart valve, aortic vascular graft, and disseminated <i>Mycobacterium chimaera</i> infections subsequent to open heart surgery. <i>European Heart Journal</i> , <b>2015</b> , 36, 2745-53	9.5	156
352	Four-dimensional magnetic resonance imaging-derived ascending aortic flow eccentricity and flow compression are linked to aneurysm morphology. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2015</b> , 20, 582-7; discussion 587-8	1.8	14
351	Aortic valve reimplantation for large root aneurysm and high-grade aortic regurgitation: incidence and implications of additional cusp and commissure repair. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2015</b> , 20, 611-5	1.8	3
350	No-React. Injectable BioPulmonic valves re-evaluated: discouraging follow-up results. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2015</b> , 21, 657-65	1.8	6
349	Fully Magnetically Levitated Left Ventricular Assist System for Treating Advanced HF: A Multicenter Study. <i>Journal of the American College of Cardiology</i> , <b>2015</b> , 66, 2579-2589	15.1	163
348	Bedeutung des Perikards für die Herzchirurgie. <i>Zeitschrift Für Herz-, Thorax- Und Gefasschirurgie</i> , <b>2015</b> , 29, 152-158	0.1	
347	The porcine valve type predicts obstructive thrombosis beyond the first three postoperative months in bioprostheses in the aortic position. <i>International Journal of Cardiology</i> , <b>2015</b> , 199, 90-5	3.2	22
346	Secondary organ fistulation after thoracic endovascular aortic repair. <i>Minimally Invasive Therapy and Allied Technologies</i> , <b>2015</b> , 24, 305-10	2.1	5
345	"Heart Team" decision making in elderly patients with symptomatic aortic valve stenosis who underwent AVR or TAVI - a look behind the curtain. Results of the prospective TAVI Calculation of Costs Trial (TCCT). <i>EuroIntervention</i> , <b>2015</b> , 11, 793-8	3.1	18
344	Biomarker für Scherstress und Wandspannung in thorakalen Aortenaneurysmen. <i>Zeitschrift Für Herz-, Thorax- Und Gefasschirurgie</i> , <b>2014</b> , 28, 72-78	0.1	
343	Results after thoracic aortic reoperations in Marfan syndrome. <i>Annals of Thoracic Surgery</i> , <b>2014</b> , 97, 1275-80	3.0	10



342	The German Aortic Valve Registry (GARY): in-hospital outcome. <i>European Heart Journal</i> , <b>2014</b> , 35, 1588-98	9.5	245
341	Anxiety and fear in patients with short waiting times before coronary artery bypass surgery--a qualitative study. <i>Journal of Clinical Nursing</i> , <b>2014</b> , 23, 1900-7	3.2	18
340	The ARCH Projects: design and rationale (IAASSG 001). <i>European Journal of Cardio-thoracic Surgery</i> , <b>2014</b> , 45, 10-6	3	25
339	Implantable accelerometer system for the determination of blood pressure using reflected wave transit time. <i>Sensors and Actuators A: Physical</i> , <b>2014</b> , 206, 151-158	3.9	19
338	Magnetic sensor for arterial distension and blood pressure monitoring. <i>Biomedical Microdevices</i> , <b>2014</b> , 16, 815-27	3.7	2
337	David I reimplantation procedure for aortic root replacement in Marfan patients: medium-term outcome. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2014</b> , 19, 743-8	1.8	8
336	The Additional Costs Of Clinical Complications In Patients Undergoing Transcatheter Aortic Valve Replacement In The German Health Care System. <i>Value in Health</i> , <b>2014</b> , 17, A473	3.3	
335	Valve thrombosis 7 months after transcatheter aortic valve implantation. <i>Annals of Thoracic Surgery</i> , <b>2014</b> , 98, 1079-81	2.7	9
334	New insights regarding the incidence, presentation and treatment options of aorto-oesophageal fistulation after thoracic endovascular aortic repair: the European Registry of Endovascular Aortic Repair Complications. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2014</b> , 45, 452-7	3	65
333	Reply to the editor. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2014</b> , 147, 1112-3	1.5	
332	How does the ascending aorta geometry change when it dissects?. <i>Journal of the American College of Cardiology</i> , <b>2014</b> , 63, 1311-1319	15.1	116
331	Type A aortic dissection in Marfan syndrome: extent of initial surgery determines long-term outcome. <i>Circulation</i> , <b>2014</b> , 129, 1381-6	16.7	62
330	Aortic valve annuloplasty: new single suture technique. <i>Annals of Thoracic Surgery</i> , <b>2014</b> , 97, 2211-3	2.7	11
329	Acute type A aortic dissection extending beyond ascending aorta: Limited or extensive distal repair. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2014</b> , 148, 949-54; discussion 954	1.5	73
328	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> , <b>2014</b> , 259, 598-604	7.8	92
327	Bikuspidale Aortenklappe. <i>Zeitschrift Fur Herz-, Thorax- Und Gefasschirurgie</i> , <b>2014</b> , 28, 395-402	0.1	
326	Kathetergestützte Aortenklappenimplantation TAVI 2014. <i>Innere Medizin Up2date</i> , <b>2014</b> , 02, 131-150		
325	Modified perfusion strategy and aortic arch debranching in complicated acute aortic dissection type A: a bridge to definitive endovascular therapy. <i>Annals of Thoracic and Cardiovascular Surgery</i> , <b>2014</b> , 20, 1038-41	1.8	1

324	Beatmungskonzepte beim herzchirurgischen Patienten. <i>Zeitschrift Fur Herz-, Thorax- Und Gefasschirurgie</i> , <b>2014</b> , 28, 315-324	0.1	
323	Postoperatives Management nach Implantation eines linksventrikulären Unterstützungssystems. <i>Zeitschrift Fur Herz-, Thorax- Und Gefasschirurgie</i> , <b>2014</b> , 28, 337-346	0.1	
322	Reply to Hajj-Chahine. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2014</b> , 46, 509	3	3
321	Implantable impedance plethysmography. <i>Sensors</i> , <b>2014</b> , 14, 14858-72	3.8	6
320	Feasibility and exploratory efficacy evaluation of the Embrella Embolic Deflector system for the prevention of cerebral emboli in patients undergoing transcatheter aortic valve replacement: the PROTAVI-C pilot study. <i>JACC: Cardiovascular Interventions</i> , <b>2014</b> , 7, 1146-55	5	98
319	Significance and function of different spinal collateral compartments following thoracic aortic surgery: immediate versus long-term flow compensation. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2014</b> , 45, 799-804	3	11
318	Leaflet reconstructive techniques for aortic valve repair. <i>Annals of Thoracic Surgery</i> , <b>2014</b> , 98, 2053-60	2.7	19
317	Implantable pulse oximetry on subcutaneous tissue. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2014</b> , 2014, 2089-92	0.9	6
316	Platelet repellent properties of hydrogel coatings on polyurethane-coated glass surfaces. <i>ASAIO Journal</i> , <b>2014</b> , 60, 587-93	3.6	15
315	Superior neurologic recovery after 15 minutes of normothermic cardiac arrest using an extracorporeal life support system for optimized blood pressure and flow. <i>Perfusion (United Kingdom)</i> , <b>2014</b> , 29, 130-8	1.9	17
314	Detection of abnormal circumflex artery from the right coronary sinus in a patient scheduled for root aneurysm repair. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2014</b> , 19, 883-4	1.8	7
313	Operative techniques in patients with type A dissection complicated by cerebral malperfusion. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2014</b> , 46, 156-66	3	38
312	Treatment solution by Siepe et al. Treatment of choice for the detection of abnormal circumflex artery from the right coronary sinus in a patient scheduled for root aneurysm repair. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2014</b> , 19, 884-5	1.8	
311	The German Aortic Valve Registry: 1-year results from 13,680 patients with aortic valve disease. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2014</b> , 46, 808-16	3	124
310	Results with SynCardia total artificial heart beyond 1 year. <i>ASAIO Journal</i> , <b>2014</b> , 60, 626-34	3.6	61
309	TAVI for low-flow, low-gradient severe aortic stenosis with preserved or reduced ejection fraction: a subgroup analysis from the German Aortic Valve Registry (GARY). <i>EuroIntervention</i> , <b>2014</b> , 10, 850-9	3.1	59
308	An implantable optical blood pressure sensor based on pulse transit time. <i>Biomedical Microdevices</i> , <b>2013</b> , 15, 73-81	3.7	28
307	Supracoronary ascending aortic replacement in patients with acute aortic dissection type A: what happens to the aortic root in the long run?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2013</b> , 146, 285-90	1.5	50

306	Marfan-Syndrom. <i>Zeitschrift Fur Herz-, Thorax- Und Gefasschirurgie</i> , <b>2013</b> , 27, 134-139	0.1	
305	Inhalatives Kohlenmonoxid zur Protektion der Lunge während des kardiopulmonalen Bypasses. <i>Zeitschrift Fur Herz-, Thorax- Und Gefasschirurgie</i> , <b>2013</b> , 27, 73-78	0.1	
304	Subcutaneous blood pressure monitoring with an implantable optical sensor. <i>Biomedical Microdevices</i> , <b>2013</b> , 15, 811-20	3.7	24
303	Long Term Results with Total Artificial Heart: Is It Prime Time for Destination Therapy?. <i>Journal of Heart and Lung Transplantation</i> , <b>2013</b> , 32, S118	5.8	3
302	Repair of the regurgitant bicuspid or tricuspid aortic valve: background, principles, and outcomes. <i>Circulation</i> , <b>2013</b> , 128, 854-63	16.7	20
301	Invited commentary. <i>Annals of Thoracic Surgery</i> , <b>2013</b> , 96, 1265	2.7	
300	First serial in vivo results of mechanical circulatory support in children with a new diagonal pump. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2013</b> , 44, 828-35	3	18
299	Mechanical heart valve recipients: anticoagulation in patients with genetic variations of phenprocoumon metabolism. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2013</b> , 44, 309-14; discussion 314-5	3	3
298	Effect of cannula position in the thoracic aorta with continuous left ventricular support: four-dimensional flow-sensitive magnetic resonance imaging in an in vitro model. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2013</b> , 44, 551-8	3	20
297	Corrigendum to [Impact Factor 1.112 for Interactive CardioVascular and Thoracic Surgery: a well-deserved recognition for all contributors [Interact CardioVasc Thorac Surg 17 (2013) 601-602]. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2013</b> , 17, 1063-1063	1.8	78
296	Results of high-risk endovascular procedures in patients with non-dissected thoracic aortic pathology: intermediate outcomes. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2013</b> , 44, 156-62	3	21
295	Controlled reperfusion versus conventional treatment of the acutely ischemic limb: results of a randomized, open-label, multicenter trial. <i>Circulation: Cardiovascular Interventions</i> , <b>2013</b> , 6, 417-27	6	12
294	Standard intra-aortic counterpulsation balloon may cause temporary occlusion of mesenteric and renal arteries. <i>ASAIO Journal</i> , <b>2013</b> , 59, 593-9	3.6	8
293	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> , <b>2013</b> , 44, 353-9; discussion 359	3	41
292	Prolonged cardiac arrest and resuscitation by extracorporeal life support: favourable outcome without preceding anticoagulation in an experimental setting. <i>Perfusion (United Kingdom)</i> , <b>2013</b> , 28, 520-8	1.9	11
291	Late complications and distal growth rates of Marfan aortas after proximal aortic repair. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2013</b> , 44, 163-71	3	23
290	Wound complications after median sternotomy: a single-centre study. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2013</b> , 16, 643-8	1.8	51
289	Implantable acceleration plethysmography for blood pressure determination. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2013</b> , 2013, 4038-41	0.9	3

288	Visualization of hypoxemic coronary perfusion despite full retrograde extracorporeal circulatory life support. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2013</b> , 43, e47	3	5
287	Impact Factor of the European Journal of Cardio-Thoracic Surgery increased to 2.674. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2013</b> , 44, 589-590	3	
286	Short-term heart and lung support: extracorporeal membrane oxygenation and extracorporeal life support. <i>Multimedia Manual of Cardiothoracic Surgery: MMCTS / European Association for Cardio-Thoracic Surgery</i> , <b>2013</b> , 2013, mmt008	0.2	4
285	Randomized comparison of synchronous CABG and carotid endarterectomy vs. isolated CABG in patients with asymptomatic carotid stenosis: the CABACS trial. <i>International Journal of Stroke</i> , <b>2012</b> , 7, 354-60	6.3	19
284	Acquired von Willebrand syndrome in patients with extracorporeal life support (ECLS). <i>Intensive Care Medicine</i> , <b>2012</b> , 38, 62-8	14.5	150
283	Arterial strain measurement by implantable capacitive sensor without vessel constriction. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2012</b> , 2012, 535-8	0.9	8
282	Hepatocyte growth factor-transfected skeletal myoblasts to limit the development of postinfarction heart failure. <i>Artificial Organs</i> , <b>2012</b> , 36, 238-46	2.6	12
281	Thorakoabdominelles Aortenaneurysma. <i>Zeitschrift Fur Herz-, Thorax- Und Gefasschirurgie</i> , <b>2012</b> , 26, 354-355		
280	Chronic critical limb ischemia. <i>Deutsches A&amp;#x0308;rztblatt International</i> , <b>2012</b> , 109, 95-101	2.5	19
279	Adventitial inversion with graft telescopic insertion for distal anastomosis in acute type a aortic dissection. <i>Annals of Thoracic and Cardiovascular Surgery</i> , <b>2012</b> , 18, 278-80	1.8	5
278	3D MRI flow analysis in an in-vitro system modelling continuous left ventricular support: effect of cannula position in the thoracic aorta. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2012</b> , 14,	6.9	78
277	The everyday used nomenclature of the aortic root components: the tower of Babel?. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2012</b> , 41, 478-82	3	67
276	Double tunnel technique for the LVAD driveline: improved management regarding driveline infections. <i>Journal of Artificial Organs</i> , <b>2012</b> , 15, 44-8	1.8	45
275	Thoratec paracorporeal biventricular assist device therapy: the Freiburg experience. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2012</b> , 41, 207-12; discussion 212	3	3
274	Established markers of renal and hepatic failure are not appropriate to predict mortality in the acute stage before extracorporeal life support implantation. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2012</b> , 42, 135-41; discussion 141	3	9
273	The German Aortic Valve Registry (GARY): a nationwide registry for patients undergoing invasive therapy for severe aortic valve stenosis. <i>Thoracic and Cardiovascular Surgeon</i> , <b>2012</b> , 60, 319-25	1.6	69
272	Pathophysiological implications of different bicuspid aortic valve configurations. <i>Cardiology Research and Practice</i> , <b>2012</b> , 2012, 735829	1.9	10
271	Improvements in organ donation are best done by the combined efforts of physicians and politicians. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2012</b> , 41, 239-239	3	

270	A new look for EJCTS, ICVTS and MMCTS: better service for our readers with the support of our new publisher, the Oxford University Press. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2012</b> , 14, 1-1	1.8	1
269	Impact factor for ICVTS expected in 2013. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2012</b> , 15, 943-948	7.8	
268	Determination of vessel wall dynamics by optical microsensors. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2012</b> , 2012, 2359-62	0.9	4
267	Does listing for heart transplant for longer than 30 days before ventricular assist device implantation influence utilization of psychotherapeutic support and outcome?. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2012</b> , 41, 1371-6; discussion 1376	3	6
266	Mechanisms of symptomatic spinal cord ischemia after TEVAR: insights from the European Registry of Endovascular Aortic Repair Complications (EuREC). <i>Journal of Endovascular Therapy</i> , <b>2012</b> , 19, 37-43	2.5	114
265	Early histological changes in the porcine aortic media after thoracic stent-graft implantation. <i>Journal of Endovascular Therapy</i> , <b>2012</b> , 19, 363-9	2.5	7
264	Scaffold-based transplantation of vascular endothelial growth factor-overexpressing stem cells leads to neovascularization in ischemic myocardium but did not show a functional regenerative effect. <i>ASAIO Journal</i> , <b>2012</b> , 58, 268-74	3.6	7
263	Prosthesis oversizing in balloon-expandable transcatheter aortic valve implantation is associated with contained rupture of the aortic root. <i>Circulation: Cardiovascular Interventions</i> , <b>2012</b> , 5, 540-8	6	119
262	Scaffold-based transplantation of akt1-overexpressing skeletal myoblasts: functional regeneration is associated with angiogenesis and reduced infarction size. <i>Tissue Engineering - Part A</i> , <b>2011</b> , 17, 205-12	3.9	10
261	Biventricular cannulation is superior regarding hemodynamics and organ recovery in patients on biventricular assist device support. <i>Journal of Heart and Lung Transplantation</i> , <b>2011</b> , 30, 1011-7	5.8	9
260	Trans-apical aortic valve implantation using a new self-expandable bioprosthesis: initial outcomes. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2011</b> , 40, 1114-9	3	39
259	Three-dimensional flow characteristics in ventricular assist devices: impact of valve design and operating conditions. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2011</b> , 142, 1019-26	1.5	6
258	Sternum augmentation with bovine bone substitute in the neonate. <i>Annals of Thoracic Surgery</i> , <b>2011</b> , 91, 311-3	2.7	3
257	Preoperative assessment of aortic annulus dimensions: comparison of noninvasive and intraoperative measurement. <i>Annals of Thoracic Surgery</i> , <b>2011</b> , 91, 709-14	2.7	55
256	Effect of postconditioning on mitochondrial dysfunction in experimental aortic cross-clamping (Br J Surg 2011; 98: 511B16). <i>British Journal of Surgery</i> , <b>2011</b> , 98, 517-517	5.3	
255	Reply to Demaria and Poinet, Reply to Hajj-Chahine et al.. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2011</b> , 39, 143-143	3	
254	Use of extracorporeal circulation (ECC) outside the cardiac operating room: indications, requirements and recommendations for routine practice. <i>Thoracic and Cardiovascular Surgeon</i> , <b>2011</b> , 59, 66-8	1.6	7
253	Cardiac surgery in Germany during 2010: a report on behalf of the German Society for Thoracic and Cardiovascular Surgery. <i>Thoracic and Cardiovascular Surgeon</i> , <b>2011</b> , 59, 259-67	1.6	60

252	High-dose tranexamic acid is related to increased risk of generalized seizures after aortic valve replacement. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2011</b> , 39, e114-21	3	73
251	Outcome after surgery for acute aortic dissection type A in patients over 70 years: data analysis from the German Registry for Acute Aortic Dissection Type A (GERAADA). <i>European Journal of Cardio-thoracic Surgery</i> , <b>2011</b> , 40, 435-40	3	41
250	Position article for the use of extracorporeal life support in adult patients. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2011</b> , 40, 676-80	3	47
249	Extracorporeal membranous oxygenation support for acute fulminant myocarditis: analysis of a single center's experience. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2011</b> , 40, 682-8	3	44
248	Hand-held minimised extracorporeal membrane oxygenation: a new bridge to recovery in patients with out-of-centre cardiogenic shock. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2011</b> , 40, 689-94	3	19
247	Ludwig K. von Segesser: Editor-in-Chief of EJCTS and ICVTS from 2000 to 2010. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2011</b> , 12, 1-3	1.8	0
246	Comprehensive 4-dimensional magnetic resonance flow analysis after successful heart transplantation resolves controversial intraoperative findings and reveals complex hemodynamic alterations. <i>Circulation</i> , <b>2011</b> , 123, e381-3	16.7	8
245	Supportive psychotherapy for patients with heart transplantation or ventricular assist devices. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2011</b> , 39, e44-50	3	17
244	Time-resolved three-dimensional magnetic resonance velocity mapping of cardiovascular flow paths in volunteers and patients with Fontan circulation. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2011</b> , 39, 206-12	3	70
243	Acquired Von Willebrand syndrome is an early-onset problem in ventricular assist device patients. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2011</b> , 40, 1328-33; discussion 1233	3	21
242	Increased systemic perfusion pressure during cardiopulmonary bypass is associated with less early postoperative cognitive dysfunction and delirium. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2011</b> , 40, 200-7	3	115
241	Functional regeneration of ischemic myocardium by transplanted cells overexpressing stromal cell-derived factor-1 (SDF-1): intramyocardial injection versus scaffold-based application. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2011</b> , 40, e135-41	3	6
240	High-grade mitral valve insufficiency after fracture of the Mitrofix prosthesis. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2011</b> , 40, 1542	3	
239	Ludwig K. von Segesser: Editor-in-Chief of EJCTS and ICVTS from 2000 to 2010. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2011</b> , 39, 6-7	3	1
238	Implantation of a catheter-based self-expanding pulmonary valve in congenital heart surgery: results of a pilot study. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2011</b> , 40, 552-6	3	3
237	Acquired von Willebrand syndrome in patients with ventricular assist device or total artificial heart. <i>Thrombosis and Haemostasis</i> , <b>2010</b> , 103, 962-7	7	87
236	Reducing the ischemic time of donor hearts will decrease morbidity and costs of cardiac transplantations. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2010</b> , 10, 945-7	1.8	15
235	Enhanced microparticles in ventricular assist device patients predict platelet, leukocyte and endothelial cell activation. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2010</b> , 11, 133-7	1.8	67

234	Assessment of aortic annulus dimensions for Edwards SAPIEN Transapical Heart Valve implantation by computed tomography: calculating average diameter using a virtual ring method. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2010</b> , 38, 750-8	3	74
233	Cardiac surgery in Germany during 2009. A report on behalf of the German Society for Thoracic and Cardiovascular Surgery. <i>Thoracic and Cardiovascular Surgeon</i> , <b>2010</b> , 58, 379-86	1.6	43
232	Clinical experience with the VentrAssist left ventricular assist device. <i>Thoracic and Cardiovascular Surgeon</i> , <b>2010</b> , 58 Suppl 2, S198-201	1.6	2
231	Change in Editors of The Thoracic and Cardiovascular Surgeon. <i>Thoracic and Cardiovascular Surgeon</i> , <b>2010</b> , 58, 191-193	1.6	1
230	Value and pitfalls of neurophysiological monitoring in thoracic and thoracoabdominal aortic replacement and endovascular repair. <i>Thoracic and Cardiovascular Surgeon</i> , <b>2010</b> , 58, 260-4	1.6	9
229	Re: Amelioration of rat cardiac cold ischemia/reperfusion injury with inhaled hydrogen or carbon monoxide, or both. <i>Journal of Heart and Lung Transplantation</i> , <b>2010</b> , 29, 1442; discussion 1442-3	5.8	3
228	In vivo monitoring of blood oxygenation using an implantable MEMS-based sensor <b>2010</b> ,		4
227	Implantable sensor for blood pressure determination via pulse transit time <b>2010</b> ,		6
226	Destination therapy with a rotary blood pump and novel power delivery. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2010</b> , 37, 350-6	3	14
225	Endoscopic treatment for delayed cardiac tamponade. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2010</b> , 37, 490-1	3	2
224	Funktionelle Regeneration des Herzinfarkts durch die Transplantation von Stammzell-Patches. <i>Zeitschrift Fur Herz-, Thorax- Und Gefasschirurgie</i> , <b>2010</b> , 24, 185-190	0.1	
223	Successful resuscitation after prolonged periods of cardiac arrest: a new field in cardiac surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2010</b> , 139, 1325-32, 1332.e1-2	1.5	32
222	An improved technique for aortic anastomosis: graft telescopic inversion. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2010</b> , 140, 934-5	1.5	7
221	Regression of "fixed" pulmonary vascular resistance in heart transplant candidates after unloading with ventricular assist devices. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2010</b> , 140, 747-9	1.5	25
220	Concomitant mitral valve replacement and re-re-repair of severe pectus deformity correction in a patient with Marfan syndrome. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2010</b> , 140, e75-6	1.5	4
219	Lymph angiogenesis after lung transplantation and relation to acute organ rejection in humans. <i>Annals of Thoracic Surgery</i> , <b>2010</b> , 90, 406-11	2.7	43
218	Polyurethane scaffolds seeded with genetically engineered skeletal myoblasts: a promising tool to regenerate myocardial function. <i>Artificial Organs</i> , <b>2010</b> , 34, E46-54	2.6	23
217	Inhaled Carbon Monoxide as an Experimental Therapeutic Strategy of Lung Protection During Cardiopulmonary Bypass <b>2010</b> , 377-381		

216	Human neonatal thymus-derived mesenchymal stromal cells: characterization, differentiation, and immunomodulatory properties. <i>Tissue Engineering - Part A</i> , <b>2009</b> , 15, 1787-96	3.9	29
215	A clinical comparison of bubble elimination in Quadrox and Polystan oxygenators. <i>Perfusion (United Kingdom)</i> , <b>2009</b> , 24, 423-7	1.9	10
214	Extra-anatomic bypass for recurrent abdominal aortic and renal in-stent stenoses following radiotherapy for neuroblastoma. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2009</b> , 8, 488-90	1.8	4
213	Emergency repair of a broken Jarvik 2000 power connector using a paper-clip. <i>ASAIO Journal</i> , <b>2009</b> , 55, 1-2	3.6	1
212	The use of controlled reperfusion strategies in cardiac surgery to minimize ischaemia/reperfusion damage. <i>Cardiovascular Research</i> , <b>2009</b> , 83, 262-8	9.9	47
211	Haemolysis in patients with ventricular assist devices: major differences between systems. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2009</b> , 36, 580-4	3	75
210	Safety and efficacy of the StarClose vascular closure system using 7-F and 8-F sheath sizes: a consecutive single-center analysis. <i>Journal of Endovascular Therapy</i> , <b>2009</b> , 16, 475-82	2.5	24
209	Evaluation of platelet activation in patients supported by the Jarvik 2000* high-rotational speed impeller ventricular assist device. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2009</b> , 137, 736-41	1.5	10
208	Controlled reperfusion after acute and persistent limb ischemia. <i>Seminars in Vascular Surgery</i> , <b>2009</b> , 22, 52-7	1.2	34
207	EuroSCORE overestimates the risk of cardiac surgery: results from the national registry of the German Society of Thoracic and Cardiovascular Surgery. <i>Clinical Research in Cardiology</i> , <b>2009</b> , 98, 363-9	6.1	65
206	Herz-Kreislauf-Stillstand und kardiopulmonale Reanimation auf der herzchirurgischen Intensivstation. <i>Zeitschrift Fur Herz-, Thorax- Und Gefasschirurgie</i> , <b>2009</b> , 23, 33-40	0.1	
205	The influence of controlled limb reperfusion with PGE1 on reperfusion injury after prolonged ischemia. <i>Journal of Surgical Research</i> , <b>2009</b> , 155, 293-300	2.5	7
204	Endovascular aortic arch repair after aortic arch de-branching. <i>Annals of Thoracic Surgery</i> , <b>2009</b> , 87, 603-7	2.7	67
203	Fluid-dynamic modeling of the human left ventricle: methodology and application to surgical ventricular reconstruction. <i>Annals of Thoracic Surgery</i> , <b>2009</b> , 87, 1187-95	2.7	73
202	Endovascular repair of thoracoabdominal aortic aneurysms. <i>Texas Heart Institute Journal</i> , <b>2009</b> , 36, 446-8	0.8	1
201	Heart valve surgery today: indications, operative technique, and selected aspects of postoperative care in acquired valvular heart disease. <i>Deutsches A&amp;#x0308;rztblatt International</i> , <b>2009</b> , 106, 224-33; quiz 234	2.5	7
200	Heart transplant and artificial heart systems. <i>Deutsches A&amp;#x0308;rztblatt International</i> , <b>2009</b> , 106, 469-70	2.5	1
199	Hybrid pulmonary valve implantation: injection of a self-expanding tissue valve through the main pulmonary artery. <i>Annals of Thoracic Surgery</i> , <b>2008</b> , 85, 632-4	2.7	19





180	Transapical transcatheter aortic valve implantation. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2007</b> , 31, 7-8	3	11
179	Incidence of neurological complications following overstenting of the left subclavian artery. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2007</b> , 31, 628-36	3	37
178	Successful interventional closure of a patent foramen ovale in a pediatric patient supported with a biventricular assist device. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2007</b> , 6, 778-9	1.8	4
177	Miniaturized pulse oximeter sensor for continuous vital parameter monitoring <b>2007</b> ,		1
176	Anatomical study on the surgical technique used for xenotransplantation: porcine hearts into humans. <i>Journal of Surgical Research</i> , <b>2007</b> , 143, 211-5	2.5	6
175	Interaction of models of the haemodynamics and the thermodynamical processes in a patient under hypothermia <b>2007</b> , 3700-3703		
174	Improvement of contractility accompanies angiogenesis rather than arteriogenesis in chronic myocardial ischemia. <i>Vascular Pharmacology</i> , <b>2006</b> , 44, 326-32	5.9	5
173	Myoblast-seeded biodegradable scaffolds to prevent post-myocardial infarction evolution toward heart failure. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2006</b> , 132, 124-31	1.5	67
172	Differential gene expression in response to ventricular unloading in rat and human myocardium. <i>Thoracic and Cardiovascular Surgeon</i> , <b>2006</b> , 54, 381-7	1.6	8
171	Neurophysiological monitoring during thoracoabdominal aortic endovascular stent graft implantation. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2006</b> , 29, 392-6	3	27
170	Aortic atresia with aortico-left ventricular tunnel mimicking severe aortic incompetence in utero. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2006</b> , 29, 845-7	3	7
169	Images in cardiovascular medicine. Time-resolved 3-dimensional magnetic resonance velocity mapping at 3 T reveals drastic changes in flow patterns in a partially thrombosed aortic arch. <i>Circulation</i> , <b>2006</b> , 113, e460-1	16.7	15
168	Stenting of unprotected left main stem stenosis in cardiogenic shock after orthotopic heart transplantation. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2006</b> , 5, 502-4	1.8	1
167	Growth factor therapy grows, despite limited insight. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2006</b> , 30, 107-8	3	
166	Evidence of a steal phenomenon by a thoracic side branch of an internal mammary artery bypass. <i>Journal of Vascular and Interventional Radiology</i> , <b>2006</b> , 17, 1714-5	2.4	2
165	Mechanical reliability of the Jarvik 2000 Heart. <i>Annals of Thoracic Surgery</i> , <b>2006</b> , 81, 1752-8; discussion 1758-9	2.7	54
164	Perioperative management to improve neurologic outcome in thoracic or thoracoabdominal aortic stent-grafting. <i>Annals of Thoracic Surgery</i> , <b>2006</b> , 82, 1679-87	2.7	93
163	Evaluation of three different measurement methods for dural ectasia in Marfan syndrome. <i>Clinical Radiology</i> , <b>2006</b> , 61, 971-8	2.9	18

162	Improved durability of the HeartMate XVE left ventricular assist device provides safe mechanical support up to 1 year but is associated with high risk of device failure in the second year. <i>Journal of Heart and Lung Transplantation</i> , <b>2006</b> , 25, 384-90	5.8	40
161	Sudden cardiac death: directing the scope of resuscitation towards the heart and brain. <i>Resuscitation</i> , <b>2006</b> , 70, 44-51	4	39
160	Congenital left ventricular apical aneurysm or diverticulum mimicking infarct aneurysm and a right ventricular diverticulum in an adult. <i>Clinical Research in Cardiology</i> , <b>2006</b> , 95, 373-8	6.1	8
159	Aortic valve rupture after blunt chest trauma. <i>Clinical Research in Cardiology</i> , <b>2006</b> , 95, 675-9	6.1	5
158	Advanced heart failure: feasibility study of long-term continuous axial flow pump support. <i>European Heart Journal</i> , <b>2005</b> , 26, 1031-8	9.5	36
157	Controlled reperfusion using a simplified perfusion system preserves function after acute and persistent limb ischemia: a preliminary study. <i>Journal of Vascular Surgery</i> , <b>2005</b> , 42, 690-4	3.5	24
156	Clinical results of the first 99 patients with the axial flow pump INCOR. <i>Journal of Heart and Lung Transplantation</i> , <b>2005</b> , 24, S57	5.8	6
155	Anterior approach to implant the Jarvik 2000 with retroauricular power supply. <i>Annals of Thoracic Surgery</i> , <b>2005</b> , 80, 745-7	2.7	7
154	Thoracoabdominal aortic aneurysm repair: interplay of spinal cord protecting modalities. <i>European Journal of Vascular and Endovascular Surgery</i> , <b>2005</b> , 30, 624-31	2.3	30
153	To STICH or not to STICH: we know the answer, but do we understand the question?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2005</b> , 129, 246-9	1.5	39
152	Prävention und Behandlung des akuten Rechtsherzversagens nach orthotoper Herztransplantation durch Einsatz einer intrakardialen Mikroaxialpumpe. <i>Zeitschrift Fur Herz-, Thorax- Und Gefasschirurgie</i> , <b>2005</b> , 19, 1-12	0.1	
151	Evozierte Potentiale in der Aorten Chirurgie. <i>Zeitschrift Fur Herz-, Thorax- Und Gefasschirurgie</i> , <b>2005</b> , 19, 149-155	0.1	1
150	Klinische Anwendung evozierter Potentiale und neuroprotektiver Maßnahmen in der Aorten Chirurgie. <i>Zeitschrift Fur Herz-, Thorax- Und Gefasschirurgie</i> , <b>2005</b> , 19, 239-251	0.1	
149	Entwicklung eines neuen Ballonokklusions-Device alternativ zur Gefäßklemme bei offenen Eingriffen an der Aorta. <i>Zeitschrift Fur Herz-, Thorax- Und Gefasschirurgie</i> , <b>2005</b> , 19, 257-263	0.1	
148	Stem cell research and cell transplantation for myocardial regeneration. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2005</b> , 28, 318-24	3	25
147	Images in cardiovascular medicine. Traumatic aortic valve rupture. <i>Circulation</i> , <b>2005</b> , 112, e118-9	16.7	4
146	Lung injury during CPB: pathomechanisms and clinical relevance. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2005</b> , 4, 381-2	1.8	11
145	Improved spinal cord perfusion during thoracoabdominal aortic repair. <i>Thoracic and Cardiovascular Surgeon</i> , <b>2005</b> , 53, 69-73	1.6	13

144	Setup of neurophysiological monitoring with tcMEP/SSEP during thoracoabdominal aneurysm repair. <i>Thoracic and Cardiovascular Surgeon</i> , <b>2005</b> , 53, 28-32	1.6	19
143	Right atrial solitary fibrous tumor - a new cardiac neoplasm?. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2005</b> , 4, 396-7	1.8	10
142	Development of a special balloon occlusion device to prevent adverse events in high-risk patients during open aortic surgery. <i>European Surgical Research</i> , <b>2005</b> , 37, 204-9	1.1	4
141	A fistula between the circumflex artery and the coronary sinus mimicks coronary artery disease in a 63-year-old woman. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2005</b> , 4, 81-2	1.8	4
140	Reply to Mishra. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2005</b> , 28, 909-910	3	0
139	Symposium for the Future of Cardiac Surgery. <i>European Journal of Cardio-Thoracic Surgery Supplements</i> , <b>2004</b> , 26, S2-S3		
138	Results after MIDCAB and OPCAB surgeries: problems and consequences of incomplete angiographic follow-up in the mid-term course. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2004</b> , 3, 302-8	1.8	2
137	Implantable left ventricular assist device for treatment of pulmonary hypertension in candidates for orthotopic heart transplantation-a preliminary study. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2004</b> , 25, 971-7	3	93
136	Transgenic and transmural revascularization: regional myocardial tissue pressure during chronic ischemia. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2004</b> , 3, 138-44	1.8	2
135	A retrospective audit of long-term lower limb complications following leg vein harvesting for coronary artery bypass grafting. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2004</b> , 25, 143-4; author reply 144	3	
134	The Impella Recover microaxial left ventricular assist device reduces mortality for postcardiotomy failure: a three-center experience. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2004</b> , 127, 812-22	1.5	131
133	Surgical ventricular restoration in the treatment of congestive heart failure due to post-infarction ventricular dilation. <i>Journal of the American College of Cardiology</i> , <b>2004</b> , 44, 1439-45	15.1	344
132	Myocardial and endothelial protection for heart transplantation in the new millenium: lessons learned and future directions. <i>Journal of Heart and Lung Transplantation</i> , <b>2004</b> , 23, 657-65	5.8	15
131	Glucose-insulin-potassium in cardiac surgery: a meta-analysis. <i>Annals of Thoracic Surgery</i> , <b>2004</b> , 78, 1650-7	7.7	75
130	Future horizons in surgical aortic valve replacement: lessons learned during the early stages of developing a transluminal implantation technique. <i>ASAIO Journal</i> , <b>2004</b> , 50, 364-8	3.6	5
129	Surgical ventricular restoration: the RESTORE Group experience. <i>Heart Failure Reviews</i> , <b>2004</b> , 9, 287-97	5	65
128	Blood cardioplegia filtration. <i>Perfusion (United Kingdom)</i> , <b>2003</b> , 18 Suppl 1, 75-80	1.9	6
127	Gene therapy in cardiac surgery: intramyocardial injection of naked plasmid DNA for chronic myocardial ischemia. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2003</b> , 24, 785-93	3	16

126	Transmyocardial laser revascularization combined with vascular endothelial growth factor 121 (VEGF121) gene therapy for chronic myocardial ischemia--do the effects really add up?. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2003</b> , 23, 74-80	3	14
125	Viability of the myocardium after twenty-four-hour heart conservation--a preliminary study. <i>Thoracic and Cardiovascular Surgeon</i> , <b>2003</b> , 51, 196-203	1.6	2
124	Experimental model for heart failure in rats--induction and diagnosis. <i>Thoracic and Cardiovascular Surgeon</i> , <b>2003</b> , 51, 211-5	1.6	26
123	Insulin addition after ischemia improves recovery of function equal to ischemic preconditioning in rat heart. <i>Basic Research in Cardiology</i> , <b>2003</b> , 98, 329-36	11.8	15
122	Myocardial viability twenty-four hours after orthotopic heart transplantation from non-heart-beating donors. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2003</b> , 125, 1217-28	1.5	21
121	In vivo analysis of aortic valve dynamics by transesophageal 3-dimensional echocardiography with high temporal resolution. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2003</b> , 125, 1412-9	1.5	39
120	Mechanical circulatory assistance for acute and chronic heart failure: a review of current technology and clinical practice. <i>Journal of Interventional Cardiology</i> , <b>2003</b> , 16, 563-72	1.8	11
119	Therapy with insulin in cardiac surgery: controversies and possible solutions. <i>Annals of Thoracic Surgery</i> , <b>2003</b> , 75, S721-8	2.7	36
118	Cardioplegia in pediatric cardiac surgery: do we believe in magic?. <i>Annals of Thoracic Surgery</i> , <b>2003</b> , 75, 1668-77	2.7	33
117	Cavoatrial bypass for occlusion of the inferior caval vein in a patient with Budd-Chiari syndrome. <i>Annals of Thoracic Surgery</i> , <b>2003</b> , 76, 278-80	2.7	3
116	Advanced heart failure requiring three devices for survival. <i>Annals of Thoracic Surgery</i> , <b>2003</b> , 76, 1747	2.7	1
115	The Jarvik 2000 is associated with less infections than the HeartMate left ventricular assist device. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2003</b> , 23, 748-54; discussion 754-5	3	59
114	Percutaneous aortic valve replacement: an experimental study. I. Studies on implantation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2002</b> , 123, 768-76	1.5	104
113	Cardiopulmonary bypass: Evidence or experience based?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2002</b> , 124, 20-7	1.5	50
112	Cardiopulmonary bypass reduction of bronchial blood flow: a potential mechanism for lung injury in a neonatal pig model. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2002</b> , 123, 1199-205	1.5	74
111	Kardiopulmonaler Bypass vermindert den bronchialarteriellen Blutfluss. <i>Zeitschrift Fur Herz-, Thorax- Und Gefasschirurgie</i> , <b>2002</b> , 16, 176-186	0.1	
110	The role of calcium in the regulation of glucose uptake in isolated working rat heart. <i>Molecular and Cellular Biochemistry</i> , <b>2002</b> , 232, 75-80	4.2	5
109	Implantation of the permanent Jarvik-2000 left-ventricular-assist-device: surgical technique. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2002</b> , 21, 546-8	3	18

108	The combined use of transmyocardial laser revascularization (TMLR) and fibroblastic growth factor (FGF-2) enhances perfusion and regional contractility in chronically ischemic porcine hearts. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2002</b> , 22, 753-61	3	14
107	Comparison of protein with DNA therapy for chronic myocardial ischemia using fibroblast growth factor-2. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2002</b> , 22, 957-64	3	21
106	The Jarvik 2000 Heart. Clinical validation of the intraventricular position. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2002</b> , 22, 228-32	3	18
105	Implantation of the permanent Jarvik-2000 left ventricular assist device: a single-center experience. <i>Journal of the American College of Cardiology</i> , <b>2002</b> , 39, 1764-72	15.1	49
104	Successful treatment of pulmonary hypertension with inhaled nitric oxide after pulmonary embolectomy. <i>Annals of Thoracic Surgery</i> , <b>2002</b> , 73, 1299-301	2.7	20
103	Transmyocardial laser revascularization and left ventricular reduction surgery affect ventricular arrhythmias and heart rate variability. <i>American Heart Journal</i> , <b>2002</b> , 143, 1012-6	4.9	1
102	Collateral growth: cells arrive at the construction site. <i>Vascular</i> , <b>2002</b> , 10, 570-8		34
101	Influence of mild hypothermia on myocardial contractility and circulatory function. <i>Basic Research in Cardiology</i> , <b>2001</b> , 96, 198-205	11.8	107
100	Investigations on the new free radical scavenger polynitroxyl-albumin to prevent ischemia and reperfusion injury after orthotopic heart transplantation in the pig model. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2001</b> , 19, 321-5	3	11
99	Acetylcholine release in human heart atrium: influence of muscarinic autoreceptors, diabetes, and age. <i>Circulation</i> , <b>2001</b> , 103, 1638-43	16.7	83
98	Left ventricular reduction for idiopathic dilated cardiomyopathy as alternative to transplant--truth or dare?. <i>Thoracic and Cardiovascular Surgeon</i> , <b>2001</b> , 49, 70-4	1.6	9
97	Transplantation of an oversized heart. <i>Thoracic and Cardiovascular Surgeon</i> , <b>2001</b> , 49, 380-1	1.6	2
96	Endoscopic vs. conventional vein harvesting: first results with a new, non-disposable system. <i>Thoracic and Cardiovascular Surgeon</i> , <b>2001</b> , 49, 321-7	1.6	18
95	Microperfusion enhancement after TMLR in chronically ischemic porcine hearts. <i>Vascular</i> , <b>2001</b> , 9, 281-91		12
94	A technique of heterotopic, infrarenal heart transplantation with double anastomosis in mice. <i>Journal of Heart and Lung Transplantation</i> , <b>2001</b> , 20, 762-5	5.8	9
93	Economics of ventricular assist devices: European view. <i>Annals of Thoracic Surgery</i> , <b>2001</b> , 71, S192-4; discussion S202-3	2.7	10
92	Discussion of economics of devices. <i>Annals of Thoracic Surgery</i> , <b>2001</b> , 71, S202-S203	2.7	3
91	The postischemic positive inotropic effect of insulin is mediated through phosphatidyl-inositol 3-kinase in rat heart. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2001</b> , 33, A181	5.8	2

90	The new "Impella" intracardiac microaxial pump for treatment of right heart failure after orthotopic heart transplantation. <i>Transplantation Proceedings</i> , <b>2001</b> , 33, 3549-50	1.1	17
89	Contractility, myocardial blood flow, and metabolic activity 24 hours after orthotopic heart transplantation from non-heart-beating donors: in vivo investigations in the pig model. <i>Transplantation Proceedings</i> , <b>2001</b> , 33, 3739-40	1.1	1
88	Serious complications that require surgical interventions after endoluminal stent-graft placement for the treatment of infrarenal aortic aneurysms. <i>Journal of Vascular Surgery</i> , <b>2001</b> , 34, 198-203	3.5	56
87	Bronchial artery perfusion during cardiopulmonary bypass does not prevent ischemia of the lung in piglets: assessment of bronchial artery blood flow with fluorescent microspheres. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2001</b> , 19, 326-31; discussion 331-2	3	55
86	Gene expression of brain natriuretic peptide in isolated atrial and ventricular human myocardium: influence of angiotensin II and diastolic fiber length. <i>Circulation</i> , <b>2000</b> , 102, 3074-9	16.7	190
85	Palliative treatment of a secondary aortoduodenal fistula by stent-graft placement. <i>Thoracic and Cardiovascular Surgeon</i> , <b>2000</b> , 48, 41-2	1.6	21
84	Controlled limb reperfusion with a simplified perfusion system. <i>Thoracic and Cardiovascular Surgeon</i> , <b>2000</b> , 48, 274-8	1.6	10
83	Evaluation of transmyocardial laser revascularization by following objective parameters of perfusion and ventricular function. <i>Thoracic and Cardiovascular Surgeon</i> , <b>2000</b> , 48, 79-85	1.6	9
82	Pathomorphological and histological analysis of the indirect revascularization method. <i>Thoracic and Cardiovascular Surgeon</i> , <b>2000</b> , 48, 255-62	1.6	1
81	Evaluation of the indirect revascularization method after 3 months chronic myocardial ischemia. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2000</b> , 18, 38-45	3	5
80	Limitations to the Therapeutic Potential of Endoluminal Stent Placement in the Thoracic Aorta. <i>Circulation</i> , <b>2000</b> , 101,	16.7	1
79	Lung ischemia during cardiopulmonary bypass. <i>Annals of Thoracic Surgery</i> , <b>2000</b> , 70, 337-8	2.7	13
78	Influence of different routes of flush perfusion on the distribution of lung preservation solutions in parenchyma and airways. <i>European Journal of Cardio-thoracic Surgery</i> , <b>1999</b> , 15, 481-9	3	6
77	Cystic medial degeneration of the aorta is associated with p53 accumulation, Bax upregulation, apoptotic cell death, and cell proliferation. <i>Heart</i> , <b>1999</b> , 82, 286-93	5.1	52
76	Berleben mit einem künstlichen Herzen <i>Psychotherapeut</i> , <b>1999</b> , 44, 116-121	0.5	4
75	Diagnostic and surgical approach of innominate artery saddle embolus. <i>Vascular</i> , <b>1999</b> , 7, 340-1		1
74	Successful orthotopic pig heart transplantation from non-heart-beating donors. <i>Journal of Heart and Lung Transplantation</i> , <b>1999</b> , 18, 597-606	5.8	37
73	Orthotopic transplantation of pig hearts harvested from non-heart-beating donors. <i>Transplantation Proceedings</i> , <b>1999</b> , 31, 153-4	1.1	2

72	Transmyocardial laser revascularization: experimental studies in healthy porcine myocardium. <i>Annals of Thoracic Surgery</i> , <b>1999</b> , 67, 1708-13	2.7	13
71	Protection of acutely ischemic myocardium by controlled reperfusion. <i>Annals of Thoracic Surgery</i> , <b>1999</b> , 68, 1967-70	2.7	4
70	Myxoma of the mitral valve: diagnosis by 2-dimensional and 3-dimensional echocardiography. <i>Journal of the American Society of Echocardiography</i> , <b>1999</b> , 12, 773-6	5.8	28
69	Analysis of the new indirect revascularization method by determining objective parameters of clinical chemistry, histo-chemistry and histology. <i>European Journal of Cardio-thoracic Surgery</i> , <b>1999</b> , 15, 709-16	3	4
68	Histologic findings of transmyocardial laser channels after two hours. <i>Annals of Thoracic Surgery</i> , <b>1998</b> , 65, 1437-9	2.7	27
67	Orthotopic transplantation of pig hearts harvested after 30 min of normothermic ischemia: controlled reperfusion with blood cardioplegia containing the Na <sup>+</sup> -H <sup>+</sup> -exchange inhibitor HOE 642. <i>European Journal of Cardio-thoracic Surgery</i> , <b>1998</b> , 14, 607-14	3	27
66	Transmyocardial laser revascularization (TMLR) in patients with unstable angina and low ejection fraction. <i>European Journal of Cardio-thoracic Surgery</i> , <b>1998</b> , 13, 21-6	3	36
65	Endothelium-dependent and endothelium-independent flow reserve in vascular regions supplied by the internal mammary artery before and after bypass grafting. <i>European Journal of Cardio-thoracic Surgery</i> , <b>1998</b> , 13, 410-5	3	5
64	Clinical experience with blood cardioplegia. <i>Thoracic and Cardiovascular Surgeon</i> , <b>1998</b> , 46 Suppl 2, 282-5; discussion 286-7	1.6	8
63	Transmyocardial laser-revascularization: experimental studies on prolonged acute regional ischemia. <i>European Journal of Cardio-thoracic Surgery</i> , <b>1998</b> , 13, 694-701	3	20
62	Alterations of cross-bridge kinetics in human atrial and ventricular myocardium. <i>Cardiovascular Research</i> , <b>1998</b> , 40, 580-90	9.9	28
61	Minimal-invasive, video-assisted vein harvesting for cardiac and vascular surgical procedures. <i>European Journal of Cardio-thoracic Surgery</i> , <b>1997</b> , 12, 519-21	3	6
60	Endoluminal stent-grafts for infrarenal abdominal aortic aneurysms. <i>New England Journal of Medicine</i> , <b>1997</b> , 336, 13-20	59.2	606
59	Two-Center German Experience with Aortic Endografting. <i>Journal of Endovascular Therapy</i> , <b>1997</b> , 4, 137-146		19
58	Pulmonary artery banding with a novel percutaneously, bidirectionally adjustable device. <i>European Journal of Cardio-thoracic Surgery</i> , <b>1997</b> , 12, 931-3	3	19
57	Angiotensin converting enzyme inhibition unmaskes the sympathofacilitatory effect of bradykinin in human right atrium. <i>Journal of Hypertension</i> , <b>1997</b> , 15, 1263-70	1.9	23
56	Endothelium-dependent and endothelium-independent flow regulation in coronary vascular regions supplied by arterial and venous bypass grafts. <i>Cardiology</i> , <b>1997</b> , 88, 425-32	1.6	8
55	Regarding "Comparison of endovascular and conventional vascular prostheses in an experimental infection model". <i>Journal of Vascular Surgery</i> , <b>1997</b> , 26, 897	3.5	



54	MEDOS HIA-VAD biventricular assist device for bridge to recovery in fulminant myocarditis. <i>Annals of Thoracic Surgery</i> , <b>1997</b> , 63, 1145-6	2.7	54
53	Controlled limb reperfusion in patients having cardiac operations. <i>Annals of Thoracic Surgery</i> , <b>1997</b> , 64, 286-7	2.7	
52	Ca(2+)-dependent and Ca(2+)-independent regulation of contractility in isolated human myocardium. <i>Basic Research in Cardiology</i> , <b>1997</b> , 92 Suppl 1, 75-86	11.8	22
51	Penetration of teicoplanin into heart valves and subcutaneous and muscle tissues of patients undergoing open-heart surgery. <i>Antimicrobial Agents and Chemotherapy</i> , <b>1997</b> , 41, 2559-61	5.9	3
50	Two-center German experience with aortic endografting. <i>Journal of Endovascular Therapy</i> , <b>1997</b> , 4, 137-46		78
49	Experimental application of controlled limb reperfusion after incomplete ischaemia. <i>British Journal of Surgery</i> , <b>1996</b> , 83, 803-9	5.3	6
48	Kinetic differences between creatine kinase-isoenzyme MB (CK-MB) and c-troponin-T in patients with myocardial damage. <i>Clinica Chimica Acta</i> , <b>1996</b> , 251, 201-5	6.2	4
47	Controlled limb reperfusion in patients having cardiac operations. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>1996</b> , 111, 873-81	1.5	27
46	Integrated myocardial management: background and initial application. <i>Journal of Cardiac Surgery</i> , <b>1995</b> , 10, 68-89	1.3	60
45	Primary cardiac angiosarcoma. A case report. <i>Cardiology</i> , <b>1995</b> , 86, 83-5	1.6	17
44	Circulating endothelin in patients undergoing coronary artery bypass grafting. <i>European Journal of Cardio-thoracic Surgery</i> , <b>1995</b> , 9, 269-74	3	31
43	Reduction of reoxygenation injury and nitric oxide production in the cyanotic immature heart by controlling pO <sub>2</sub> . <i>European Journal of Cardio-thoracic Surgery</i> , <b>1995</b> , 9, 410-8	3	12
42	Protection of evolving myocardial infarction and failed PTCA. <i>Annals of Thoracic Surgery</i> , <b>1995</b> , 60, 833-82.7		7
41	Role of pericardial constraint for right ventricular function in humans. <i>Chest</i> , <b>1995</b> , 107, 46-9	5.3	21
40	Atherosclerotic aneurysm of the right internal mammary artery presenting as a mediastinal mass. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>1994</b> , 107, 1535-1536	1.5	15
39	Endothelium-dependent and endothelium-independent vasomotion in large coronary arteries and in the microcirculation after cardiac transplantation. <i>European Heart Journal</i> , <b>1994</b> , 15, 1486-93	9.5	23
38	Correlation between long-chain acylcarnitine in serum and myocardium after heart transplantation in humans. <i>American Journal of Clinical Nutrition</i> , <b>1994</b> , 60, 414-7	7	5
37	New surgical treatment for severe limb ischemia. <i>Journal of Investigative Surgery</i> , <b>1994</b> , 7, 61-71	1.2	8

36	Controlled Reperfusion Reduces Reperfusion Injury in Skeletal Muscle After Incomplete Limb Ischemia. <i>Vascular Surgery</i> , <b>1994</b> , 28, 241-259		4
35	Simultaneous arterial and coronary sinus cardioplegic perfusion: an experimental and clinical study. <i>Thoracic and Cardiovascular Surgeon</i> , <b>1994</b> , 42, 141-7	1.6	24
34	Immediate postoperative recovery of regional wall motion after unilateral and bilateral internal mammary artery revascularization. <i>European Journal of Cardio-thoracic Surgery</i> , <b>1994</b> , 8, 395-8; discussion 399	3	6
33	Increased preoperative endothelin release in patients with vascular disease. <i>Journal of Vascular Surgery</i> , <b>1994</b> , 20, 1006	3.5	
32	Left main coronary artery stenosis after aortic valve replacement: genetic disposition for accelerated arteriosclerosis after injury of the intact human coronary artery?. <i>Coronary Artery Disease</i> , <b>1993</b> , 4, 659-67	1.4	26
31	Changing patterns of patients undergoing emergency surgical revascularization for acute coronary occlusion. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>1993</b> , 106, 137-148	1.5	30
30	Controlled limb reperfusion as a new surgical technique to reduce postischemic syndrome. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>1993</b> , 106, 378-380	1.5	7
29	Superiority of controlled surgical reperfusion versus percutaneous transluminal coronary angioplasty in acute coronary occlusion. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>1993</b> , 105, 864-884	1.5	81
28	Warm glutamate/aspartate-enriched blood cardioplegic solution for perioperative sudden death. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>1992</b> , 104, 1141-1147	1.5	51
27	Controlled reperfusion during emergency coronary artery bypass surgery after angioplasty failure restores immediate segmental contractility. <i>Journal of Interventional Cardiology</i> , <b>1991</b> , 4, 53-62	1.8	4
26	Protection of the ischemic skeletal muscle. <i>Thoracic and Cardiovascular Surgeon</i> , <b>1991</b> , 39, 19-28	1.6	35
25	Immediate functional benefits after controlled reperfusion during surgical revascularization for acute coronary occlusion. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>1991</b> , 102, 856-866	1.5	38
24	Invited letter concerning: Immediate functional benefits after controlled reperfusion during surgical revascularization for acute coronary occlusion: Reply to the Editor. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>1991</b> , 102, 932	1.5	
23	Clinical evaluation of hypothermic ventricular fibrillation, multi-dose blood cardioplegia, and single-dose Bretschneider cardioplegia in coronary surgery. <i>Thoracic and Cardiovascular Surgeon</i> , <b>1990</b> , 38, 20-9	1.6	32
22	New surgical repair for an anomalous origin of the left coronary artery adjacent to the pulmonary cusps with numerous large side branches. <i>Thoracic and Cardiovascular Surgeon</i> , <b>1990</b> , 38, 161-4	1.6	1
21	Prolonged abnormalities of LV regional wall motion after normal reperfusion in patients with preoperative cardiogenic shock. <i>Thoracic and Cardiovascular Surgeon</i> , <b>1990</b> , 38, 165-74	1.6	5
20	Adequate flow through the internal mammary artery graft achieved by a dilatation technique. <i>Thoracic and Cardiovascular Surgeon</i> , <b>1990</b> , 38, 157-60	1.6	15
19	Cardiogenic shock after acute coronary occlusion. Pathogenesis, early diagnosis, and treatment. <i>Thoracic and Cardiovascular Surgeon</i> , <b>1989</b> , 37, 28-36	1.6	5

18	Avoiding reperfusion injury after limb revascularization: Experimental observations and recommendations for clinical application. <i>Journal of Vascular Surgery</i> , <b>1989</b> , 9, 757-766	3.5	78
17	Studies on prolonged acute regional ischemia. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>1989</b> , 98, 557-566	1.5	17
16	Studies on prolonged acute regional ischemia. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>1989</b> , 98, 567-579	1.5	32
15	Studies on prolonged acute regional ischemia III. Early natural history of simulated single and multivessel disease with emphasis on remote myocardium. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>1989</b> , 98, 368-380	1.5	27
14	Studies on prolonged acute regional ischemia. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>1989</b> , 98, 224-233	1.5	17
13	Studies on prolonged acute regional ischemia. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>1989</b> , 98, 112-126	1.5	25
12	Avoiding reperfusion injury after limb revascularization: Experimental observations and recommendations for clinical application. <i>Journal of Vascular Surgery</i> , <b>1989</b> , 9, 0757-0766	3.5	5
11	Studies of the tissue reaction induced by transvenous pacemaker electrodes. I. Microscopic examination of the extent of connective tissue around the electrode tip in the human right ventricle. <i>PACE - Pacing and Clinical Electrophysiology</i> , <b>1988</b> , 11, 1753-9	1.6	23
10	A long-range ordered structure in mitochondrial cristae revealed by a pathological structural modification. <i>Journal of Structural Biology</i> , <b>1988</b> , 99, 1-17		6
9	Late results of prosthetic valve replacement for aortic regurgitation and the prognostic significance of the end-diastolic and regurgitated blood volumes. <i>Thoracic and Cardiovascular Surgeon</i> , <b>1988</b> , 36, 326-31	1.6	1
8	Rate responsive pacemakers: assessment after two years. <i>PACE - Pacing and Clinical Electrophysiology</i> , <b>1986</b> , 9, 1005-9	1.6	12
7	Increase in cardiac output with rate-responsive pacemaker. <i>Annals of Thoracic Surgery</i> , <b>1986</b> , 42, 201-5	2.7	21
6	STUDIES OF CONTROLLED REPERFUSION AFTER ISCHEMIA. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>1986</b> , 92, 513-524	1.5	24
5	STUDIES OF CONTROLLED REPERFUSION AFTER ISCHEMIA. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>1986</b> , 92, 621-635	1.5	139
4	Examination of explanted polyurethane pacemaker leads using the scanning electron microscope. <i>PACE - Pacing and Clinical Electrophysiology</i> , <b>1985</b> , 8, 562-8	1.6	10
3	Electron microscopic visible ischemic changes of the mitochondrial ATPases in human myocardial cells during extracorporeal circulation. <i>Basic Research in Cardiology</i> , <b>1981</b> , 76, 106-13	11.8	5
2	Determination of maximal ischemic tolerance of the human heart by ultrastructural recording of preischemic degree of myocardial hypertrophy and degeneration. <i>Annals of Thoracic Surgery</i> , <b>1980</b> , 30, 356-63	2.7	10
1	Piezo1 and BKCa channels in human atrial fibroblasts: interplay and remodelling in atrial fibrillation		1

