

# Michael A Borger

## List of Publications by Year in Descending Order

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

554  
papers

34,925  
citations

78  
h-index

179  
g-index

658  
ext. papers

45,478  
ext. citations

3.3  
avg, IF

6.71  
L-index

#	Paper	IF	Citations
554	Five-year Outcomes of the COMMENCE Trial Investigating Aortic Valve Replacement with RESILIA Tissue.. <i>Annals of Thoracic Surgery</i> , <b>2022</b> ,	2.7	5
553	Biomechanical engineering analysis of an acute papillary muscle rupture disease model using an innovative 3D-printed left heart simulator.. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2022</b> ,	1.8	1
552	Biomechanical analysis of neochordal repair error from diastolic phase inversion of static left ventricular pressurization.. <i>JTCVS Techniques</i> , <b>2022</b> , 12, 54-64	0.2	
551	2021 ESC Guidelines for the diagnosis and treatment of acute and chronic heart failure: Developed by the Task Force for the diagnosis and treatment of acute and chronic heart failure of the European Society of Cardiology (ESC). With the special contribution of the Heart Failure Association (HFA) of the ESC.. <i>European Journal of Heart Failure</i> , <b>2022</b> , 24, 4-131	12.3	50
550	Risk Assessment of Coronary Obstruction During Transcatheter Aortic Valve Replacement: Insights From Post-BASILICA Computed Tomography.. <i>JACC: Cardiovascular Interventions</i> , <b>2022</b> , 15, 496-507	5	0
549	Minimally invasive coronary bypass surgery with bilateral internal thoracic arteries: Early outcomes and angiographic patency. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2021</b> , 162, 1109-1119.e4	1.5	13
548	Assessment of long-term outcomes: aortic valve reimplantation versus aortic valve and root replacement with biological valved conduit in aortic root aneurysm with tricuspid valve. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2021</b> , 59, 658-665	3	2
547	Combined Cardiac and Vascular Surgery <b>2021</b> , 517-522		
546	Concomitant Tricuspid Repair in Patients with Degenerative Mitral Regurgitation. <i>New England Journal of Medicine</i> , <b>2021</b> ,	59.2	12
545	Future Considerations for Acute Aortic Syndromes <b>2021</b> , 643-659		
544	Benefit of Self-Managed Anticoagulation in Patients with Left Ventricular Assist Device. <i>Thoracic and Cardiovascular Surgeon</i> , <b>2021</b> , 69, 518-525	1.6	1
543	Management of aortic root in type A dissection: Bentall approach. <i>Journal of Cardiac Surgery</i> , <b>2021</b> , 36, 1779-1785	1.3	1
542	Video-Assisted Minimally Invasive Aortic Valve Replacement Through Right Anterior Minithoracotomy for All Comers With Aortic Valve Disease. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , <b>2021</b> , 16, 169-174	1.5	0
541	Oral health-related quality of life in patients with heart failure and left ventricular assist devices-results of a cross-sectional study. <i>Clinical Oral Investigations</i> , <b>2021</b> , 25, 5879-5887	4.2	0
540	Postoperative outcome after reoperative isolated tricuspid valve surgery-is there a predictor for survival?. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2021</b> , 60, 867-871	3	0
539	Impact of pre-existing comorbidities on outcomes of patients undergoing surgical aortic valve replacement - rationale and design of the international IMPACT registry. <i>Journal of Cardiothoracic Surgery</i> , <b>2021</b> , 16, 51	1.6	
538	Decreased exercise capacity in young athletes using self-adapted mouthguards. <i>European Journal of Applied Physiology</i> , <b>2021</b> , 121, 1881-1888	3.4	3

537	Utilization of in- and outpatient hospital care in Germany during the Covid-19 pandemic insights from the German-wide Helios hospital network. <i>PLoS ONE</i> , <b>2021</b> , 16, e0249251	3.7	2
536	Minimally invasive ventricular assist device implantation. <i>Journal of Thoracic Disease</i> , <b>2021</b> , 13, 2010-2017.6	1.6	2
535	Device-induced platelet dysfunction in patients after left ventricular assist device implantation. <i>Journal of Thrombosis and Haemostasis</i> , <b>2021</b> , 19, 1331-1341	15.4	3
534	Left-Atrial Appendage Thrombosis in Patients With Severe Aortic Stenosis Undergoing Transcatheter Aortic Valve Implantation. <i>Canadian Journal of Cardiology</i> , <b>2021</b> , 37, 450-457	3.8	
533	Atrial fibrillation after cardiac surgery: A systematic review and meta-analysis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2021</b> ,	1.5	3
532	Less invasive surgical implant strategy and right heart failure after LVAD implantation. <i>Journal of Heart and Lung Transplantation</i> , <b>2021</b> , 40, 289-297	5.8	3
531	Effect of cerebrospinal fluid pressure elevation on spinal cord perfusion during aortic cross-clamping with distal aortic perfusion. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2021</b> , 60, 569-576	3.7	0
530	Valve-in-Valve Transcatheter Aortic Valve Replacement Versus Redo Surgical Aortic Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , <b>2021</b> , 14, 926-927	5	
529	Proximal aortic aneurysms: correlation of maximum aortic diameter and aortic wall thickness. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2021</b> , 60, 322-330	3	0
528	Impact of extra-corporeal life support (ECLS) cannulation strategy on outcome after durable mechanical circulation support system implantation on behalf of durable MCS after ECLS Study Group. <i>Annals of Cardiothoracic Surgery</i> , <b>2021</b> , 10, 353-363	4.7	
527	Spinal cord monitoring using collateral network near-infrared spectroscopy during extended aortic arch surgery with a frozen elephant trunk. <i>Journal of Surgical Case Reports</i> , <b>2021</b> , 2021, rjab174	0.6	
526	Propensity score matched comparison of isolated, elective aortic valve replacement with and without concomitant septal myectomy: is it worth it?. <i>Journal of Cardiovascular Surgery</i> , <b>2021</b> , 62, 258-267	0.7	
525	Impact of Anesthesia Strategy and Valve Type on Clinical Outcomes After Transcatheter Aortic Valve Replacement. <i>Journal of the American College of Cardiology</i> , <b>2021</b> , 77, 2204-2215	15.1	2
524	Fluorescence in situ Hybridization (FISH) in the Microbiological Diagnostic of Deep Sternal Wound Infection (DSWI). <i>Infection and Drug Resistance</i> , <b>2021</b> , 14, 2309-2319	4.2	1
523	Cyclosporine A-enhanced cardioplegia preserves mitochondrial basal respiration after ischemic arrest. <i>Perfusion (United Kingdom)</i> , <b>2021</b> , 2676591211025746	1.9	0
522	European registry of type A aortic dissection (ERTAAD) - rationale, design and definition criteria. <i>Journal of Cardiothoracic Surgery</i> , <b>2021</b> , 16, 171	1.6	0
521	Predictors of Mortality in Primary Surgical Repair of Postinfarction Ventricular Septal Defects: The Leipzig Experience. <i>Heart Surgery Forum</i> , <b>2021</b> , 24, E522-E529	0.7	
520	Spinal cord protection in thoracoabdominal aortic aneurysm surgery: a multimodal approach. <i>Journal of Cardiovascular Surgery</i> , <b>2021</b> , 62, 316-325	0.7	0

519	Valve-Sparing Root Replacement Versus Bio-Bentall: Inverse Propensity Weighting of 796 Patients. <i>Annals of Thoracic Surgery</i> , <b>2021</b> ,	2.7	1
518	Quantification of regurgitation in mitral valve prolapse with four-dimensional flow cardiovascular magnetic resonance. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2021</b> , 23, 87	6.9	3
517	Loop neochord versus leaflet resection techniques for minimally invasive mitral valve repair: long-term results. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2021</b> , 59, 180-186	3	6
516	Anatomical description of the intraspinal collateral network: bringing the concept full circle-is the devil in the details?. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2021</b> , 59, 144-146	3	2
515	Validation of the VT-LVAD score for prediction of late VAs in LVAD recipients. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2021</b> , 32, 515-522	2.7	
514	Modified Reconstruction of Left Ventricular Outflow Tract Till Proximal Ascending Aorta as Reversed Elephant Trunk in Extensive Infective Endocarditis Surgery: Reply. <i>Annals of Thoracic Surgery</i> , <b>2021</b> , 111, 380-381	2.7	1
513	Mechanical circulatory support for early surgical repair of postinfarction ventricular septal defect with cardiogenic shock. <i>Artificial Organs</i> , <b>2021</b> , 45, 244-253	2.6	1
512	Effects of Custom-made Mouthguards on Cardiopulmonary Exercise Capacity. <i>International Journal of Sports Medicine</i> , <b>2021</b> , 42, 448-455	3.6	4
511	Minithoracotomy versus full sternotomy for isolated aortic valve replacement: Propensity matched data from two centers. <i>Journal of Cardiac Surgery</i> , <b>2021</b> , 36, 97-104	1.3	3
510	Surgical results for prosthetic versus native valve endocarditis: A multicenter analysis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2021</b> , 161, 609-619.e10	1.5	6
509	Durability and clinical experience using a bovine pericardial prosthetic aortic valve. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2021</b> , 161, 1742-1749	1.5	17
508	30-Day perioperative mortality following venoarterial extracorporeal membrane oxygenation for postcardiotomy cardiogenic shock in patients with normal preoperative ejection fraction. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2021</b> , 32, 817-824	1.8	1
507	Hospitalization deficit of in- and outpatient cases with cardiovascular diseases and utilization of cardiological interventions during the COVID-19 pandemic: Insights from the German-wide helios hospital network. <i>Clinical Cardiology</i> , <b>2021</b> , 44, 392-400	3.3	6
506	Impact of a surgical approach for implantation of durable left ventricular assist devices in patients on extracorporeal life support. <i>Journal of Cardiac Surgery</i> , <b>2021</b> , 36, 1344-1351	1.3	1
505	Quantification of regurgitation in mitral valve prolapse with automated real time echocardiographic 3D proximal isovelocity surface area: multimodality consistency and role of eccentricity index. <i>International Journal of Cardiovascular Imaging</i> , <b>2021</b> , 37, 1947-1959	2.5	0
504	Experimental near-infrared spectroscopy-guided minimally invasive segmental artery occlusion. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2021</b> , 60, 48-55	3	0
503	Twenty-year outcomes of minimally invasive direct coronary artery bypass surgery: The Leipzig experience. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2021</b> ,	1.5	5
502	Magnetic resonance imaging in patients with postoperative spinal cord injury: 'one step at a time towards safer aortic repair'. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2021</b> , 60, 174-176	3	

501	Commentary: More insights into the resect versus respect debate: Will we ever have a winner?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2021</b> ,	1.5	
500	Early outcomes of patients with Marfan syndrome and acute aortic type A dissection. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2021</b> ,	1.5	2
499	Long-term Follow-up After Transcatheter Aortic Valve Replacement. <i>CJC Open</i> , <b>2021</b> , 3, 845-853	2	1
498	Summary: international consensus statement on nomenclature and classification of the congenital bicuspid aortic valve and its aortopathy, for clinical, surgical, interventional and research purposes. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2021</b> , 60, 481-496	3	1
497	International consensus statement on nomenclature and classification of the congenital bicuspid aortic valve and its aortopathy, for clinical, surgical, interventional and research purposes. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2021</b> , 60, 448-476	3	5
496	Impact of Tricuspid Valve Morphology on Clinical Outcomes After Transcatheter Edge-to-Edge Repair. <i>JACC: Cardiovascular Interventions</i> , <b>2021</b> , 14, 1616-1618	5	7
495	2021 ESC Guidelines on cardiovascular disease prevention in clinical practice. <i>European Heart Journal</i> , <b>2021</b> , 42, 3227-3337	9.5	358
494	2021 ESC/EACTS Guidelines for the management of valvular heart disease. <i>European Heart Journal</i> , <b>2021</b> ,	9.5	226
493	2021 ESC Guidelines on cardiac pacing and cardiac resynchronization therapy. <i>European Heart Journal</i> , <b>2021</b> , 42, 3427-3520	9.5	134
492	Immune Monitoring Assay for Extracorporeal Photopheresis Treatment Optimization After Heart Transplantation. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 676175	8.4	0
491	International Consensus Statement on Nomenclature and Classification of the Congenital Bicuspid Aortic Valve and Its Aortopathy, for Clinical, Surgical, Interventional and Research Purposes. <i>Radiology: Cardiothoracic Imaging</i> , <b>2021</b> , 3, e200496	8.3	2
490	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
489	2021 ESC Guidelines on cardiac pacing and cardiac resynchronization therapy. <i>Europace</i> , <b>2021</b> ,	3.9	6
488	2021 ESC Guidelines for the diagnosis and treatment of acute and chronic heart failure. <i>European Heart Journal</i> , <b>2021</b> , 42, 3599-3726	9.5	875
487	2021 ESC Guidelines on cardiovascular disease prevention in clinical practice. <i>European Journal of Preventive Cardiology</i> , <b>2021</b> ,	3.9	31
486	International Consensus Statement on Nomenclature and Classification of the Congenital Bicuspid Aortic Valve and Its Aortopathy, for Clinical, Surgical, Interventional and Research Purposes. <i>Annals of Thoracic Surgery</i> , <b>2021</b> , 112, e203-e235	2.7	3
485	International consensus statement on nomenclature and classification of the congenital bicuspid aortic valve and its aortopathy, for clinical, surgical, interventional and research purposes. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2021</b> , 162, e383-e414	1.5	9
484	Summary: International consensus statement on nomenclature and classification of the congenital bicuspid aortic valve and its aortopathy, for clinical, surgical, interventional, and research purposes. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2021</b> , 162, 781-797	1.5	0

483	Summary: International Consensus Statement on Nomenclature and Classification of the Congenital Bicuspid Aortic Valve and Its Aortopathy, for Clinical, Surgical, Interventional and Research Purposes. <i>Annals of Thoracic Surgery</i> , <b>2021</b> , 112, 1005-1022	2.7	0
482	The International Society for Minimally Invasive Cardiothoracic Surgery Expert Consensus Statement on Transcatheter and Surgical Aortic Valve Replacement in Low- and Intermediate-Risk Patients: A Meta-Analysis of Randomized and Propensity-Matched Studies. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , <b>2021</b> , 16, 3-16	1.5	10
481	Mitral Valve Prolapse Induces Regionalized Myocardial Fibrosis. <i>Journal of the American Heart Association</i> , <b>2021</b> , e022332	6	6
480	Transition From Temporary to Durable Circulatory Support Systems. <i>Journal of the American College of Cardiology</i> , <b>2020</b> , 76, 2956-2964	15.1	16
479	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
478	Five-year outcomes following complex reconstructive surgery for infective endocarditis involving the intervalvular fibrous body. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2020</b> , 58, 1080-1087	3	7
477	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
476	Results of frozen elephant trunk from the international E-vita Open registry. <i>Annals of Cardiothoracic Surgery</i> , <b>2020</b> , 9, 178-188	4.7	10
475	Combined Coronary CT-Angiography and TAVI-Planning: A Contrast-Neutral Routine Approach for Ruling-out Significant Coronary Artery Disease. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	7
474	Pneumorrhachis After Thoracoabdominal Aortic Repair. <i>Annals of Thoracic Surgery</i> , <b>2020</b> , 110, e349	2.7	
473	Clinical characteristics, diagnosis, and risk stratification of pulmonary hypertension in severe tricuspid regurgitation and implications for transcatheter tricuspid valve repair. <i>European Heart Journal</i> , <b>2020</b> , 41, 2785-2795	9.5	42
472	Prevalence of permanent pacemaker implantation after conventional aortic valve replacement-a propensity-matched analysis in patients with a bicuspid or tricuspid aortic valve: a benchmark for transcatheter aortic valve replacement. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2020</b> , 58, 130-137	3	8
471	Midterm results after St Jude Medical Epic porcine xenograft for aortic, mitral, and double valve replacement. <i>Journal of Cardiac Surgery</i> , <b>2020</b> , 35, 1769-1777	1.3	2
470	Durability of bioprosthetic aortic valves in patients under the age of 60 years - rationale and design of the international INDURE registry. <i>Journal of Cardiothoracic Surgery</i> , <b>2020</b> , 15, 119	1.6	8
469	Surgical management of the aorta in BAV patients. <i>Progress in Cardiovascular Diseases</i> , <b>2020</b> , 63, 475-481	8.5	2
468	Nutritional status in tricuspid regurgitation: implications of transcatheter repair. <i>European Journal of Heart Failure</i> , <b>2020</b> , 22, 1826-1836	12.3	12
467	Oral health-related quality of life of patients after heart transplantation and those with heart failure is associated with general health-related quality of life: a cross-sectional study. <i>Quality of Life Research</i> , <b>2020</b> , 29, 1621-1630	3.7	5
466	Oral health and dental behaviour of patients with left ventricular assist device: a cross-sectional study. <i>ESC Heart Failure</i> , <b>2020</b> , 7, 1273-1281	3.7	3

465	Lack in Periodontal Care of Patients Suffering from Severe Heart Diseases-Results after 12 Months Follow-Up. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	3
464	Multi-biomarker mortality prediction in patients with aortic stenosis undergoing valve replacement. <i>Journal of Cardiology</i> , <b>2020</b> , 76, 154-162	3	2
463	Grading of aortic regurgitation by cardiovascular magnetic resonance and pulsed Doppler of the left subclavian artery: harmonizing grading scales between imaging modalities. <i>International Journal of Cardiovascular Imaging</i> , <b>2020</b> , 36, 1517-1526	2.5	1
462	Annuloplasty ring dehiscence after mitral valve repair: incidence, localization and reoperation. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2020</b> , 57, 300-307	3	7
461	Commentary: Prevention of Systolic Anterior Motion After Mitral Repair in Hypertrophic Obstructive Cardiomyopathy: One Simple Stitch Fits All?. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , <b>2020</b> , 32, 269-270	1.7	0
460	Transcatheter edge-to-edge mitral valve repair with the PASCAL system: early results from a real-world series. <i>EuroIntervention</i> , <b>2020</b> , 16, 824-832	3.1	8
459	Systematic use of intentional leaflet laceration to prevent TAVI-induced coronary obstruction: feasibility and early clinical outcomes of the BASILICA technique. <i>EuroIntervention</i> , <b>2020</b> , 16, 682-690	3.1	5
458	Aortic Valve-Sparing Root Replacement <b>2020</b> , 315-324		
457	Comparison of newer generation self-expandable vs. balloon-expandable valves in transcatheter aortic valve implantation: the randomized SOLVE-TAVI trial. <i>European Heart Journal</i> , <b>2020</b> , 41, 1890-1899	9.5	71
456	Outcome of patients with previous coronary artery bypass grafting and severe calcific aortic stenosis receiving transfemoral transcatheter aortic valve replacement. <i>Catheterization and Cardiovascular Interventions</i> , <b>2020</b> , 96, E196-E203	2.7	1
455	Treatment of failed aortic bioprostheses: An evaluation of conventional redo surgery and transfemoral transcatheter aortic valve-in-valve implantation. <i>International Journal of Cardiology</i> , <b>2020</b> , 300, 80-86	3.2	15
454	Study Design of the Prospective Non-Randomized Single-Arm Multicenter Evaluation of the Durability of Aortic Bioprosthetic Valves with RESILIA Tissue in Subjects under 65 Years Old (RESILIENCE Trial). <i>Structural Heart</i> , <b>2020</b> , 4, 46-52	0.6	6
453	Contemporary suprasternal transcatheter aortic valve replacement: A multicenter experience using a simple, reliable alternative access approach. <i>Catheterization and Cardiovascular Interventions</i> , <b>2020</b> , 95, 1178-1183	2.7	3
452	Identification of the immunological profile in rejection-free heart transplantation. <i>Transplant Immunology</i> , <b>2020</b> , 59, 101259	1.7	6
451	Modification of Reconstruction of Intervalvular Fibrous Body for Extensive Infective Endocarditis. <i>Annals of Thoracic Surgery</i> , <b>2020</b> , 109, e211-e214	2.7	4
450	Early and Late Results After David vs Bentall Procedure: A Propensity Matched Analysis. <i>Annals of Thoracic Surgery</i> , <b>2020</b> , 110, 120-126	2.7	13
449	Clinical and Microbiological Analysis of Deep Sternal Wound Infections in Fifty-Two Consecutive Patients. <i>Surgical Infections</i> , <b>2020</b> , 21, 370-377	2	3
448	Reply: Why Still IIB And C?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2020</b> , 159, e168-e169	1.5	

447	Impact of Custodiol-N cardioplegia on acute kidney injury after cardiopulmonary bypass. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2020</b> , 47, 640-649	3	0
446	Concomitant Tricuspid Valve Repair during Minimally Invasive Mitral Valve Repair. <i>Thoracic and Cardiovascular Surgeon</i> , <b>2020</b> , 68, 486-491	1.6	4
445	Mapping the collateral network: Optimal near-infrared spectroscopy optode placement. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2020</b> ,	1.5	7
444	Valve-in-Valve for Degenerated Transcatheter Aortic Valve Replacement Versus Valve-in-Valve for Degenerated Surgical Aortic Bioprostheses: A 3-Center Comparison of Hemodynamic and 1-Year Outcome. <i>Journal of the American Heart Association</i> , <b>2020</b> , 9, e013973	6	10
443	Transcatheter "valve-in-valve" mitral valve replacement for patient-prosthesis mismatch: Chronicle of a death foretold. <i>Journal of Cardiac Surgery</i> , <b>2020</b> , 35, 3606-3609	1.3	
442	A series of four transcatheter aortic valve replacement in failed Perceval valves. <i>Annals of Cardiothoracic Surgery</i> , <b>2020</b> , 9, 280-288	4.7	5
441	Intraoperative Diagnosis of Subaortic Stenosis in a Young Patient Scheduled for Elective Aortic Valve Replacement. <i>A&amp;A Practice</i> , <b>2020</b> , 14, e01288	0.8	
440	General Versus Local Anesthesia With Conscious Sedation in Transcatheter Aortic Valve Implantation: The Randomized SOLVE-TAVI Trial. <i>Circulation</i> , <b>2020</b> , 142, 1437-1447	16.7	29
439	Commentary: Innovate or perish in cardiac surgical training. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2020</b> , 159, 590-591	1.5	
438	Commentary: Optimal perfusion strategy for stroke risk reduction in type A aortic dissection repair-Still unresolved?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2020</b> , 159, 2157-2158	1.5	2
437	David aortic valve-sparing reimplantation versus biological aortic root replacement: a retrospective analysis of 411 patients. <i>Indian Journal of Thoracic and Cardiovascular Surgery</i> , <b>2020</b> , 36, 97-103	0.4	1
436	Detrimental effects of cerebrospinal fluid pressure elevation on spinal cord perfusion: first-time direct detection in a large animal model. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2020</b> , 58, 286-293	3	4
435	"Possum, sed nolo" (I could, but I don't want to). <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2020</b> ,	1.5	1
434	Zerebrale Protektionsstrategien und Monitoring im hypothermen Kreislaufstillstand. <i>Zeitschrift Fur Herz-, Thorax- Und Gefasschirurgie</i> , <b>2019</b> , 33, 393-404	0.1	
433	Continued Versus Interrupted Oral Anticoagulation During Transfemoral Transcatheter Aortic Valve Implantation and Impact of Postoperative Anticoagulant Management on Outcome in Patients With Atrial Fibrillation. <i>American Journal of Cardiology</i> , <b>2019</b> , 123, 1134-1141	3	18
432	Bicuspid aortic valve patients show specific epigenetic tissue signature increasing extracellular matrix destruction. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2019</b> , 29, 937-943	1.8	8
431	The DEDICATE Trial: An independent all-comers trial of transcatheter aortic valve implantation vs. surgical aortic valve replacement in patients at low to intermediate operative risk is recruiting patients. <i>European Heart Journal</i> , <b>2019</b> , 40, 331-333	9.5	8
430	A comparison of sufentanil vs. remifentanil in fast-track cardiac surgery patients. <i>Anaesthesia</i> , <b>2019</b> , 74, 602-608	6.6	17



429	A giant aneurysm of the left sinus of Valsalva. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2019</b> , 56, 627-3		2
428	Optimal occlusion pattern for minimally invasive staged segmental artery coil embolization in a chronic porcine model. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2019</b> , 56, 126-134	3	6
427	Custodiol-N cardioplegia lowers cerebral inflammation and activation of hypoxia-inducible factor-1. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2019</b> , 28, 884-892	1.8	1
426	Early and Long-Term Outcomes in Patients Undergoing Cardiac Surgery Following Iatrogenic Injuries During Percutaneous Coronary Intervention. <i>Journal of the American Heart Association</i> , <b>2019</b> , 8, e010940	6	11
425	Evaluation of collateral network near-infrared spectroscopy during and after segmental artery occlusion in a chronic large animal model. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2019</b> , 158, 155-164.e5 <sup>14</sup>	1.5	14
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292	Improved mitral valve performance after transapical aortic valve implantation. <i>Annals of Thoracic Surgery</i> , <b>2014</b> , 97, 1247-53; discussion 1253-4	2.7	4
291	Surgical threshold for bicuspid aortic valve-associated aortopathy: does the phenotype matter?. <i>JACC: Cardiovascular Imaging</i> , <b>2014</b> , 7, 318	8.4	6
290	Long-term prognosis of ascending aortic aneurysm after aortic valve replacement for bicuspid versus tricuspid aortic valve stenosis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2014</b> , 147, 276-82	1.5	69
289	The St Jude Medical Trifecta aortic pericardial valve: results from a global, multicenter, prospective clinical study. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2014</b> , 147, 590-7	1.5	119
288	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
287	Can the Results of Aortic Valve Repair Equal the Results of a Biologic Aortic Valve Replacement?. <i>Aorta</i> , <b>2014</b> , 2, 1-9	0.9	3
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282	Correlation between systolic transvalvular flow and proximal aortic wall changes in bicuspid aortic valve stenosis. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2014</b> , 46, 234-9; discussion 239	3	32
281	Three-year hemodynamic performance, left ventricular mass regression, and prosthetic-patient mismatch after rapid deployment aortic valve replacement in 287 patients. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2014</b> , 148, 2854-60	1.5	55
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279	Risk of proximal aortic dissection in patients with bicuspid aortic valve: how to address this controversy?. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2014</b> , 18, 355-9	1.8	15
278	Invited commentary. <i>Annals of Thoracic Surgery</i> , <b>2014</b> , 97, 1259	2.7	
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276	Minimally invasive mitral valve repair for anterior leaflet prolapse. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2013</b> , 146, 109-13	1.5	16
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242	Aortic arch reoperation in a single centre: early and late results in 57 consecutive patients. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2013</b> , 44, e82-6	3	24
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239	Reply to Lee. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2013</b> , 44, 583-4	3	
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237	Thoracoscopic confirmation of correct seating of minimally-invasive rapid-deployment aortic bioprosthesis. <i>Medical Science Monitor</i> , <b>2013</b> , 19, 773-6	3.2	1
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219	Valve-sparing root reconstruction does not compromise survival in acute type A aortic dissection. <i>Annals of Thoracic Surgery</i> , <b>2012</b> , 94, 1230-4	2.7	80
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201	Predictors of permanent pacemaker implantation after Medtronic CoreValve bioprosthesis implantation. <i>Europace</i> , <b>2012</b> , 14, 1759-63	3.9	68
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136	Invited commentary. <i>Annals of Thoracic Surgery</i> , <b>2009</b> , 88, 1850	2.7	
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8	Optimal flow rates for integrated cardioplegia. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>1998</b> , 115, 226-35	1.5	13
7	Deep sternal wound infection: risk factors and outcomes. <i>Annals of Thoracic Surgery</i> , <b>1998</b> , 65, 1050-6	2.7	336
6	Inaccurate and misleading valve sizing: a proposed standard for valve size nomenclature. <i>Annals of Thoracic Surgery</i> , <b>1998</b> , 66, 1198-203	2.7	91
5	Peri-operative supplemental warming was associated with fewer morbid cardiac events than routine thermal care. <i>Evidence-based Cardiovascular Medicine</i> , <b>1997</b> , 1, 78		
4	Ischemic intervals during warm blood cardioplegia in the canine heart evaluated by phosphorus 31-magnetic resonance spectroscopy. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>1997</b> , 114, 1070-9; discussion 1079-80	1.5	10
3	Commentary on ischemic intervals during warm blood cardioplegia in the canine heart evaluated by phosphorus 31-magnetic resonance spectroscopy. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>1997</b> , 114, 1079-1080	1.5	5
2	Cost-effective provision of cardiac services in a fixed-dollar environment. <i>Annals of Thoracic Surgery</i> , <b>1996</b> , 62, S18-21; discussion S31-2	2.7	3
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