

# GÃ¼nther Laufer

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1080125/publications.pdf>

Version: 2024-02-01

194  
papers

3,106  
citations

186209

28  
h-index

243529

44  
g-index

197  
all docs

197  
docs citations

197  
times ranked

3487  
citing authors

#	ARTICLE	IF	CITATIONS
1	One-year outcomes of the Surgical Treatment of Aortic Stenosis With a Next Generation Surgical Aortic Valve (TRITON) trial: A prospective multicenter study of rapid-deployment aortic valve replacement with the EDWARDS INTUITY Valve System. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013, 145, 110-116.	0.4	206
2	Sutureless, rapid deployment valves and stented bioprosthesis in aortic valve replacement: recommendations of an International Expert Consensus Panel. <i>European Journal of Cardio-thoracic Surgery</i> , 2016, 49, 709-718.	0.6	113
3	Viennese approach to minimize the invasiveness of ventricular assist device implantation. <i>European Journal of Cardio-thoracic Surgery</i> , 2014, 46, 991-996.	0.6	79
4	Three-year hemodynamic performance, left ventricular mass regression, and prosthetic-patient mismatch after rapid deployment aortic valve replacement in 287 patients. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 148, 2854-2861.	0.4	78
5	Sinus Node Dysfunction After Orthotopic Cardiac Transplantation: Postoperative Incidence and Long-Term Implications. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1992, 15, 731-737.	0.5	73
6	Cadmium overkill: autophagy, apoptosis and necrosis signalling in endothelial cells exposed to cadmium. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 1699-1713.	2.4	71
7	Long-Term Outcomes of Patients Undergoing the Ross Procedure. <i>Journal of the American College of Cardiology</i> , 2021, 77, 1412-1422.	1.2	67
8	Increased Thromboembolic Events With Dabigatran Compared With Vitamin K Antagonism in Left Ventricular Assist Device Patients. <i>Circulation: Heart Failure</i> , 2017, 10, .	1.6	64
9	Long-term outcomes of a rapid deployment aortic valve: data up to 5 years. <i>European Journal of Cardio-thoracic Surgery</i> , 2017, 52, 281-287.	0.6	64
10	Conventional versus rapid-deployment aortic valve replacement: a single-centre comparison between the Edwards Magna valve and its rapid-deployment successor. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2016, 22, 799-805.	0.5	63
11	Characteristics of TAV- and BAV-associated thoracic aortic aneurysms. Smooth muscle cell biology, expression profiling, and histological analyses. <i>Atherosclerosis</i> , 2012, 220, 355-361.	0.4	62
12	Randomized trial of ticagrelor vs. aspirin in patients after coronary artery bypass grafting: the TiCAB trial. <i>European Heart Journal</i> , 2019, 40, 2432-2440.	1.0	61
13	Preoperative patient optimization using extracorporeal life support improves outcomes of INTERMACS Level I patients receiving a permanent ventricular assist device. <i>European Journal of Cardio-thoracic Surgery</i> , 2014, 46, 486-492.	0.6	56
14	Asymptomatic Severe Aortic Stenosis in the Elderly. <i>JACC: Cardiovascular Imaging</i> , 2017, 10, 43-50.	2.3	55
15	Efficacy of Two Methods for Reducing Postbypass Afterdrop. <i>Anesthesiology</i> , 2000, 92, 447-447.	1.3	51
16	Primary cardiac tumors on the verge of oblivion: a European experience over 15 years. <i>Journal of Cardiothoracic Surgery</i> , 2015, 10, 56.	0.4	51
17	The Ross procedure offers excellent survival compared with mechanical aortic valve replacement in a real-world setting. <i>European Journal of Cardio-thoracic Surgery</i> , 2014, 46, 409-414.	0.6	46
18	Primary Human Fibroblasts in Culture Switch to a Myofibroblast-Like Phenotype Independently of TGF Beta. <i>Cells</i> , 2019, 8, 721.	1.8	41

#	ARTICLE	IF	CITATIONS
19	Low-molecular-weight heparin for anti-coagulation after left ventricular assist device implantation. <i>Journal of Heart and Lung Transplantation</i> , 2014, 33, 88-93.	0.3	40
20	A Single-Center Experience With the Ross Procedure Over 20 Years. <i>Annals of Thoracic Surgery</i> , 2014, 97, 182-188.	0.7	40
21	Adverse events while awaiting myocardial revascularization: a systematic review and meta-analysis. <i>European Journal of Cardio-thoracic Surgery</i> , 2017, 52, 206-217.	0.6	39
22	Duration of extracorporeal membrane oxygenation support and survival in cardiovascular surgery patients. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 155, 2471-2476.	0.4	39
23	Long-Term Outcome of Active Surveillance in Severe But Asymptomatic Primary Mitral Regurgitation. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 1213-1221.	2.3	39
24	Early outcomes after isolated aortic valve replacement with rapid deployment aortic valve. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016, 151, 1639-1647.	0.4	37
25	Bilateral or unilateral antegrade cerebral perfusion during surgery for acute type A dissection. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 159, 2159-2167.e2.	0.4	35
26	Characteristics of 308 nm excimer laser activated arterial tissue photoemission under ablative and non-ablative conditions. <i>Lasers in Surgery and Medicine</i> , 1989, 9, 556-571.	1.1	33
27	Intermediate-term outcome of 500 consecutive rapid-deployment surgical aortic valve procedures. <i>European Journal of Cardio-thoracic Surgery</i> , 2019, 55, 527-533.	0.6	32
28	Pledget-Armed Sutures Affect the Haemodynamic Performance of Biologic Aortic Valve Substitutes: A Preliminary Experimental and Computational Study. <i>Cardiovascular Engineering and Technology</i> , 2017, 8, 17-29.	0.7	30
29	Benign Prognosis of Early Sinus Node Dysfunction After Orthotopic Cardiac Transplantation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1998, 21, 422-429.	0.5	29
30	Cardioprotection: A Review of Current Practice in Global Ischemia and Future Translational Perspective. <i>BioMed Research International</i> , 2014, 2014, 1-11.	0.9	29
31	Early results from a prospective, single-arm European trial on decellularized allografts for aortic valve replacement: the ARISE study and ARISE Registry data. <i>European Journal of Cardio-thoracic Surgery</i> , 2020, 58, 1045-1053.	0.6	28
32	Comparable long-term results for porcine and pericardial prostheses after isolated aortic valve replacement. <i>European Journal of Cardio-thoracic Surgery</i> , 2015, 48, 557-561.	0.6	27
33	Early Insight Into In-Vivo Recellularization of Cell-Free Allogenic Heart Valves. <i>Annals of Thoracic Surgery</i> , 2019, 108, 581-589.	0.7	24
34	Thoracic endovascular repair for acute complicated type B aortic dissections. <i>Journal of Vascular Surgery</i> , 2019, 69, 318-326.	0.6	24
35	Extracorporeal membrane oxygenation support for right ventricular failure after left ventricular assist device implantation. <i>European Journal of Cardio-thoracic Surgery</i> , 2018, 53, 590-595.	0.6	22
36	Outcomes of a Rapid Deployment Aortic Valve versus its Conventional Counterpart. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2018, 13, 177-183.	0.4	22

#	ARTICLE	IF	CITATIONS
37	Syncope. JACC: Cardiovascular Imaging, 2019, 12, 225-232.	2.3	22
38	Conduction disturbances following surgical aortic valve replacement with a rapid-deployment bioprosthesis. Journal of Thoracic and Cardiovascular Surgery, 2021, 162, 803-811.	0.4	22
39	Rapid-Deployment Aortic Valves for Patients With a Small Aortic Root: A Single-Center Experience. Annals of Thoracic Surgery, 2020, 110, 1549-1556.	0.7	21
40	Combination of Cadmium and High Cholesterol Levels as a Risk Factor for Heart Fibrosis. Toxicological Sciences, 2015, 145, 360-371.	1.4	20
41	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. American Heart Journal, 2016, 179, 69-76.	1.2	20
42	Extracellular matrix in ascending aortic aneurysms and dissections – What we learn from decellularization and scanning electron microscopy. PLoS ONE, 2019, 14, e0213794.	1.1	20
43	Left ventricular assist device driveline infections in three contemporary devices. Artificial Organs, 2021, 45, 464-472.	1.0	20
44	Paediatric aortic valve replacement using decellularized allografts. European Journal of Cardio-thoracic Surgery, 2020, 58, 817-824.	0.6	20
45	Cardiac Surgery After Heart Transplantation: Elective Operation or Last Exit Strategy?. Transplantation Direct, 2017, 3, e209.	0.8	19
46	One-year outcomes after rapid-deployment aortic valve replacement. Journal of Thoracic and Cardiovascular Surgery, 2018, 155, 575-585.	0.4	19
47	CD4+CD28null T Lymphocytes are Associated with the Development of Atrial Fibrillation after Elective Cardiac Surgery. Scientific Reports, 2018, 8, 9624.	1.6	19
48	Electrical Stimulation of the Greater Auricular Nerve to Reduce Postoperative Atrial Fibrillation. Circulation: Arrhythmia and Electrophysiology, 2019, 12, e007711.	2.1	19
49	Operative outcome of patients at low, intermediate, high and –very high–™ surgical risk undergoing isolated aortic valve replacement with sutureless and rapid deployment prostheses: results of the SURD-IR registry. European Journal of Cardio-thoracic Surgery, 2019, 56, 38-43.	0.6	19
50	Targeted gene expression analyses and immunohistology suggest a pro-proliferative state in tricuspid aortic valve-, and senescence and viral infections in bicuspid aortic valve-associated thoracic aortic aneurysms. Atherosclerosis, 2018, 271, 111-119.	0.4	18
51	High-dose catecholamine donor support and outcomes after heart transplantation. Journal of Heart and Lung Transplantation, 2018, 37, 596-603.	0.3	18
52	Molecular-level HLA mismatch is associated with rejection and worsened graft survival in heart transplant recipients – a retrospective study. Transplant International, 2020, 33, 1078-1088.	0.8	18
53	Off-Pump HeartWare Ventricular Assist Device Implantation With Outflow Graft Anastomosis to the Left Subclavian Artery. Annals of Thoracic Surgery, 2014, 97, 2214-2216.	0.7	16
54	Leoligin, the major lignan from Edelweiss, inhibits 3-hydroxy-3-methyl-glutaryl-CoA reductase and reduces cholesterol levels in ApoE –/– mice. Journal of Molecular and Cellular Cardiology, 2016, 99, 35-46.	0.9	16

#	ARTICLE	IF	CITATIONS
55	Rapid-deployment valves: Finally the fog is lifting-benefits beyond crossclamp and bypass times. Journal of Thoracic and Cardiovascular Surgery, 2017, 154, 1527-1531.	0.4	16
56	A Standardized Telephone Intervention Algorithm Improves the Survival of Ventricular Assist Device Outpatients. Artificial Organs, 2018, 42, 961-969.	1.0	16
57	Outcome of rapid deployment aortic valves: long-term experience after 700 implants. Annals of Cardiothoracic Surgery, 2020, 9, 314-321.	0.6	16
58	Fluorescence guided excimer laser ablation of intervertebral discs in vitro. Lasers in Surgery and Medicine, 1991, 11, 280-286.	1.1	15
59	Donor heart selection and outcomes: An analysis of over 2,000 cases. Journal of Heart and Lung Transplantation, 2018, 37, 976-984.	0.3	15
60	Long-term heart transplant outcomes after lowering fixed pulmonary hypertension using left ventricular assist devices. European Journal of Cardio-thoracic Surgery, 2018, 54, 1116-1121.	0.6	15
61	Long-term performance of pulmonary homografts after the Ross procedure: experience up to 25 years. European Journal of Cardio-thoracic Surgery, 2019, 55, 876-884.	0.6	15
62	Pacemaker lead-associated tricuspid regurgitation in patients with or without pre-existing right ventricular dilatation. Clinical Research in Cardiology, 2021, 110, 884-894.	1.5	15
63	Beating Versus Arrested Heart Isolated Tricuspid Valve Surgery: Long-term Outcomes. Annals of Thoracic Surgery, 2022, 113, 585-592.	0.7	15
64	Direct sternal administration of Vancomycin and Gentamicin during closure prevents wound infection. Interactive Cardiovascular and Thoracic Surgery, 2017, 25, 6-11.	0.5	14
65	Intravenous Heme Arginate Induces HO-1 (Heme Oxygenase-1) in the Human Heart. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 2755-2762.	1.1	14
66	Early inhibition of endothelial retinoid uptake upon myocardial infarction restores cardiac function and prevents cell, tissue, and animal death. Journal of Molecular and Cellular Cardiology, 2019, 126, 105-117.	0.9	14
67	Minimally invasive access type related to outcomes of sutureless and rapid deployment valves. European Journal of Cardio-thoracic Surgery, 2020, 58, 1063-1071.	0.6	14
68	Cefazolin and linezolid penetration into sternal cancellous bone during coronary artery bypass grafting. European Journal of Cardio-thoracic Surgery, 2015, 48, 758-764.	0.6	13
69	Impact of Right Ventricular Performance in Patients Undergoing Extracorporeal Membrane Oxygenation Following Cardiac Surgery. Journal of the American Heart Association, 2017, 6, .	1.6	13
70	Noninvasive mapping before surgical ablation for persistent, long-standing atrial fibrillation. Journal of Thoracic and Cardiovascular Surgery, 2019, 157, 248-256.	0.4	13
71	Long interspersed element-1 ribonucleoprotein particles protect telomeric ends in alternative lengthening of telomeres dependent cells. Neoplasia, 2020, 22, 61-75.	2.3	13
72	CD8+CD28null T Lymphocytes are Associated with the Development of Atrial Fibrillation after Elective Cardiac Surgery. Thrombosis and Haemostasis, 2020, 120, 1182-1187.	1.8	13

#	ARTICLE	IF	CITATIONS
73	Telocytes in the human ascending aorta: Characterization and exosome-related KLF4/VEGF-A expression. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 9697-9709.	1.6	13
74	Less Invasive Left Ventricular Assist Device Implantation Is Safe and Reduces Intraoperative Blood Product Use: A Propensity Score Analysis VAD Implantation Techniques and Blood Product Use. <i>ASAIO Journal</i> , 2021, 67, 47-52.	0.9	13
75	Discriminatory power of scoring systems for outcome prediction in patients with extracorporeal membrane oxygenation following cardiovascular surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2019, 56, 534-540.	0.6	12
76	Donor-specific HLA antibodies after fresh decellularized vs cryopreserved native allograft implantation. <i>Hla</i> , 2020, 96, 580-588.	0.4	12
77	Concomitant cardiac surgery procedures during left ventricular assist device implantation: single-centre experience. <i>Annals of Cardiothoracic Surgery</i> , 2021, 10, 248-254.	0.6	12
78	Computerized heart allograft-recipient monitoring: a multicenter study. <i>Transplant International</i> , 2003, 16, 225-230.	0.8	11
79	Safety and feasibility of a novel adjustable mitral annuloplasty ring: a multicentre European experience. <i>European Journal of Cardio-thoracic Surgery</i> , 2016, 49, 249-254.	0.6	11
80	Prognostic relevance of mitral and tricuspid regurgitation in patients with severe aortic stenosis. <i>European Heart Journal Cardiovascular Imaging</i> , 2018, 19, 985-992.	0.5	11
81	Strong Signs for a Weak Wall in Tricuspid Aortic Valve Associated Aneurysms and a Role for Osteopontin in Bicuspid Aortic Valve Associated Aneurysms. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4782.	1.8	11
82	Blood stream infection and outcomes in recipients of a left ventricular assist device. <i>European Journal of Cardio-thoracic Surgery</i> , 2020, 58, 907-914.	0.6	11
83	The JenaValve pericardial transcatheter aortic valve replacement system to treat aortic valve disease. <i>Future Cardiology</i> , 2022, 18, 101-113.	0.5	11
84	Bipolar disorder, ischemic stroke, mitral valve vegetation and recurrent venous thrombosis due to antiphospholipid syndrome despite rivaroxaban. <i>International Journal of Cardiology</i> , 2016, 221, 383-384.	0.8	10
85	Watershed of veno-arterial extracorporeal life support. <i>European Journal of Cardio-thoracic Surgery</i> , 2016, 50, 785-785.	0.6	10
86	Impact of Bleeding Revision on Outcomes After Left Ventricular Assist Device Implantation. <i>Annals of Thoracic Surgery</i> , 2019, 108, 517-523.	0.7	10
87	Coronary artery bypass grafting and perioperative stroke: imaging of atherosclerotic plaques in the ascending aorta with ungated high-pitch CT-angiography. <i>Scientific Reports</i> , 2020, 10, 13909.	1.6	10
88	An Extended Duration of the Pre-Operative Hospitalization is Associated with an Increased Risk of Healthcare-Associated Infections after Cardiac Surgery. <i>Scientific Reports</i> , 2020, 10, 8006.	1.6	10
89	International Normalized Ratio Test Frequency in Left Ventricular Assist Device Patients Affects Anticoagulation Quality and Adverse Events. <i>ASAIO Journal</i> , 2021, 67, 157-162.	0.9	10
90	Ventricular Assist Devices – Evolution of Surgical Heart Failure Treatment. <i>European Cardiology Review</i> , 2014, 9, 54.	0.7	10

#	ARTICLE	IF	CITATIONS
91	Valve-in-valve transcatheter aortic valve implantation into a novel, sutureless bioprosthesis: technical considerations. <i>EuroIntervention</i> , 2018, 13, 1902-1903.	1.4	10
92	Long-term durability after surgical aortic valve replacement with the Trifecta and the Intuity valve—a comparative analysis. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, 61, 416-424.	0.6	10
93	Inflow cannula position as risk factor for stroke in patients with HeartMate 3 left ventricular assist devices. <i>Artificial Organs</i> , 2022, 46, 1149-1157.	1.0	10
94	5-Year results from the prospective European multi-centre study on decellularized homografts for pulmonary valve replacement ESPOIR Trial and ESPOIR Registry data. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, 62, .	0.6	10
95	Influence of a fully magnetically levitated left ventricular assist device on functional interrogation of implantable cardioverter defibrillators. <i>Clinical Cardiology</i> , 2019, 42, 914-918.	0.7	9
96	Excessive Pannus Overgrowth on the Aortic Side of Trifecta Valve Causing Severe Regurgitation. <i>Annals of Thoracic Surgery</i> , 2019, 108, e87-e89.	0.7	9
97	Transcatheter Caval Valve Implantation of the Tricento Valve for Tricuspid Regurgitation Using Advanced Intraprocedural Imaging. <i>JACC: Case Reports</i> , 2019, 1, 720-724.	0.3	9
98	Thrombolysis as first-line therapy for Medtronic/HeartWare HVAD left ventricular assist device thrombosis. <i>European Journal of Cardio-thoracic Surgery</i> , 2020, 58, 1182-1191.	0.6	9
99	Recommendations for extracorporeal membrane oxygenation (ECMO) in COVID-19 patients. <i>Wiener Klinische Wochenschrift</i> , 2020, 132, 671-676.	1.0	9
100	Atrial Fibrillation After Cardiac Surgery: Electrophysiological Mechanism and Outcome. <i>Annals of Thoracic Surgery</i> , 2020, 109, 1765-1772.	0.7	9
101	Machine learning-derived electrocardiographic algorithm for the detection of cardiac amyloidosis. <i>Heart</i> , 2022, 108, 1137-1147.	1.2	9
102	Structural valve deterioration after aortic valve replacement with the Trifecta valve. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2021, 32, 39-46.	0.5	9
103	Access site complications of postcardiotomy extracorporeal life support. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 164, 1546-1558.e8.	0.4	9
104	Fate of patients weaned from post-cardiotomy extracorporeal life support. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, 61, 1178-1185.	0.6	9
105	The Role of Telocytes and Telocyte-Derived Exosomes in the Development of Thoracic Aortic Aneurysm. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4730.	1.8	9
106	Letter to the editor regarding in vitro flow investigations in the aortic arch during cardiopulmonary bypass with stereo-PIV. <i>Journal of Biomechanics</i> , 2016, 49, 1-2.	0.9	8
107	Minimally invasive aortic valve replacement through an upper hemisternotomy: the Vienna technique. <i>European Journal of Cardio-thoracic Surgery</i> , 2018, 53, ii29-ii31.	0.6	8
108	Interdependence of VA-ECMO output, pulmonary congestion and outcome after cardiac surgery. <i>European Journal of Internal Medicine</i> , 2020, 81, 67-70.	1.0	8

#	ARTICLE	IF	CITATIONS
109	Transcatheter edge-to-edge tricuspid repair for recurrence of valvular regurgitation after left ventricular assist device and tricuspid ring implantation. <i>ESC Heart Failure</i> , 2020, 7, 915-919.	1.4	8
110	The impact of volume substitution on postoperative atrial fibrillation. <i>European Journal of Clinical Investigation</i> , 2021, 51, e13456.	1.7	8
111	A Novel Endothelial Damage Inhibitor Reduces Oxidative Stress and Improves Cellular Integrity in Radial Artery Grafts for Coronary Artery Bypass. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 736503.	1.1	8
112	Driveline Features as Risk Factor for Infection in Left Ventricular Assist Devices: Meta-Analysis and Experimental Tests. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 784208.	1.1	8
113	Long-Term Intrinsic Pacemaker Function in Patients Paced for Sinus Node Deficiency After Cardiac Transplantation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1992, 15, 2061-2067.	0.5	7
114	High-Intensity Transient Signals in the Outflow Graft and Thrombosis of a HeartWare Left Ventricular Assist Device. <i>Annals of Thoracic Surgery</i> , 2016, 101, e83-e85.	0.7	7
115	Routine preoperative aortic computed tomography angiography is associated with reduced risk of stroke in coronary artery bypass grafting: a propensity-matched analysis. <i>European Journal of Cardio-thoracic Surgery</i> , 2019, 57, 684-690.	0.6	7
116	Advanced three-dimensionally engineered simulation model for aortic valve and proximal aorta procedures. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2020, 30, 887-895.	0.5	7
117	Outcome of patients undergoing isolated tricuspid repair or replacement surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, 62, .	0.6	7
118	Long Term Results of the Modified Bentall Procedure With Mechanical and Biological Composite Valve Grafts. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 867732.	1.1	7
119	Sex Differences and Long-Term Outcome in Patients With Pacemakers. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 569060.	1.1	6
120	Platelet activation and aggregation in different centrifugal-flow left ventricular assist devices. <i>Platelets</i> , 2022, 33, 249-256.	1.1	6
121	Incidence, clinical relevance and therapeutic options for outflow graft stenosis in patients with left ventricular assist devices. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, 61, 716-724.	0.6	6
122	Mechanical versus biological valve prostheses for left-sided infective endocarditis. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, 62, .	0.6	6
123	When Nothing Goes Right: Risk Factors and Biomarkers of Right Heart Failure after Left Ventricular Assist Device Implantation. <i>Life</i> , 2022, 12, 459.	1.1	6
124	Comparison of device-based therapy options for heart failure with preserved ejection fraction: a simulation study. <i>Scientific Reports</i> , 2022, 12, 5761.	1.6	6
125	Observed versus predicted mortality after isolated tricuspid valve surgery. <i>Journal of Cardiac Surgery</i> , 2022, 37, 1959-1966.	0.3	6
126	Extracorporeal Photopheresis With Low-Dose Immunosuppression in High-Risk Heart Transplant Patientsâ€”A Pilot Study. <i>Transplant International</i> , 2022, 35, 10320.	0.8	6



#	ARTICLE	IF	CITATIONS
127	Diminished impact of cytomegalovirus infection on graft vasculopathy development in the antiviral prophylaxis era - a retrospective study. <i>Transplant International</i> , 2018, 31, 909-916.	0.8	5
128	Tricuspid valve replacement: results of an orphan procedure - which is the best prosthesis?. <i>Journal of Cardiovascular Surgery</i> , 2018, 59, 626-632.	0.3	5
129	Outcomes of coronary artery bypass grafting in patients with human immunodeficiency virus infection. <i>Journal of Cardiac Surgery</i> , 2020, 35, 2543-2549.	0.3	5
130	Off-pump tricuspid valve repair by automated sutured tricuspid annular plication via transatrial cannulation: preclinical ex vivo and in vivo results. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2020, 30, 636-645.	0.5	5
131	Ticagrelor or Aspirin After Coronary Artery Bypass in Patients With Chronic Kidney Disease. <i>Annals of Thoracic Surgery</i> , 2022, 113, 554-562.	0.7	5
132	Long-term outcomes after the paediatric Ross and Ross-Konno procedures. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2021, 33, 455-461.	0.5	5
133	Anterior Right Thoracotomy for Rapid-Deployment Aortic Valve Replacement. <i>Annals of Thoracic Surgery</i> , 2021, 112, 564-571.	0.7	5
134	Every like is not the same. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 153, 1553-1555.	0.4	4
135	Minimally invasive approaches for implantation of left ventricular assist devices. <i>Indian Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 34, 177-182.	0.2	4
136	Use of the Novel Surgical Enhancement Tools for Less Invasive Abbott HeartMate 3 Implantation. <i>Annals of Thoracic Surgery</i> , 2018, 106, e209-e210.	0.7	4
137	Decrease in serum alkaline phosphatase and prognostic relevance in adult cardiopulmonary bypass. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2020, 31, 383-390.	0.5	4
138	Impact of Less Invasive Left Ventricular Assist Device Implantation on Heart Transplant Outcomes. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2021, , .	0.4	4
139	Aortic valve replacement in pediatric patients: 30 years single center experience. <i>Journal of Cardiothoracic Surgery</i> , 2021, 16, 259.	0.4	4
140	Study design and rationale of the pAtients pResenTing with cOngenital hearT diseAse Register (ARTORIAâ€). <i>ESC Heart Failure</i> , 2021, 8, 5542-5550.	1.4	4
141	Effect of conventional and rapid-deployment aortic valve replacement on the distance from the aortic annulus to coronary arteries. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2021, 32, 196-203.	0.5	4
142	Prognostic impact of secondary prevention after coronary artery bypass graftingâ€”insights from the TiCAB trial. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, 62, .	0.6	4
143	Rapid-deployment aortic valve replacement for patients with bicuspid aortic valve: a single-centre experience. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, 62, .	0.6	4
144	Cusp Tear of TrifectaÂ™ Aortic Bioprosthesis Resulting in Acute Heart Failure. <i>Journal of Heart Valve Disease</i> , 2017, 26, 592-594.	0.5	4

#	ARTICLE	IF	CITATIONS
145	Validation of Intrinsic Left Ventricular Assist Device Data Tracking Algorithm for Early Recognition of Centrifugal Flow Pump Thrombosis. <i>Life</i> , 2022, 12, 563.	1.1	4
146	Growth Differentiation Factor-15 Correlates Inversely with Protease-Activated Receptor-1-Mediated Platelet Reactivity in Patients with Left Ventricular Assist Devices. <i>Pharmaceuticals</i> , 2022, 15, 484.	1.7	4
147	The Ross procedure in adult patients: a single-centre analysis of long-term results up to 28 years. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, 62, .	0.6	4
148	Exercise Chronotropy in Patients with Normal and Impaired Sinus Node Function After Cardiac Transplantation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1993, 16, 1793-1799.	0.5	3
149	Outcomes of a Rapid Deployment Aortic Valve versus its Conventional Counterpart. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2018, 13, 177-183.	0.4	3
150	To Be Or Not to Be: the “Smoker’s Paradox” An in-Vitro Study. <i>Cellular Physiology and Biochemistry</i> , 2018, 48, 1638-1651.	1.1	3
151	The adapted Heart Donor Score. <i>Transplant International</i> , 2021, 34, 546-560.	0.8	3
152	The Prognostic Potential of Atrial Natriuretic Peptide on the Development of Postoperative Atrial Fibrillation after Cardiac Surgery. <i>Thrombosis and Haemostasis</i> , 2021, 121, 1523-1529.	1.8	3
153	Psoas Muscle Area Predicts Mortality after Left Ventricular Assist Device Implantation. <i>Life</i> , 2021, 11, 922.	1.1	3
154	The Prognostic Potential of Growth Differentiation Factor-15 on Bleeding Events and Patient Outcome after Cardiac Surgery”A Prospective Cohort Study. <i>Thrombosis and Haemostasis</i> , 2022, 122, 703-714.	1.8	3
155	The megaaortic syndrome: Progression of ascending aortic aneurysm or a disease of distinct origin?. <i>International Journal of Cardiology</i> , 2017, 227, 717-726.	0.8	2
156	Implantation of a sutureless bioprosthesis without guiding sutures in a heavily calcified aortic root. <i>Journal of Cardiac Surgery</i> , 2018, 33, 103-104.	0.3	2
157	Sternotomy Sparing Thoratec Heartmate 3 Implantation via Bilateral Minithoracotomy. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2018, 13, 74-76.	0.4	2
158	Autologous aortic arch reconstruction in isolated and combined cardiac lesions. <i>European Surgery - Acta Chirurgica Austriaca</i> , 2020, 52, 165-170.	0.3	2
159	Early Antibiotic Prophylaxis Prior to Bypass Surgery Improves Tissue Penetration. <i>Thoracic and Cardiovascular Surgeon</i> , 2020, 68, 669-673.	0.4	2
160	Impact of Subclinical Congestion on Outcome of Patients Undergoing Mitral Valve Surgery. <i>Biomedicines</i> , 2020, 8, 363.	1.4	2
161	Non-invasive mapping of persistent atrial fibrillation and dextroposition of the heart. <i>IJC Heart and Vasculature</i> , 2020, 30, 100640.	0.6	2
162	Reversal of pulmonary hypertension in paediatric patients with restrictive cardiomyopathy. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2021, 33, 834-836.	0.5	2

#	ARTICLE	IF	CITATIONS
163	The Ross procedure in 2021â€”aiming for operative perfection. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 60, 1122-1123.	0.6	2
164	Nose-shaped mass in the ascending aorta. <i>Journal of Cardiac Surgery</i> , 2022, , .	0.3	2
165	How to Perfuse: Concepts of Cerebral Protection during Arch Replacement. <i>BioMed Research International</i> , 2015, 2015, 1-10.	0.9	1
166	Response by Andreas et al to Letter Regarding Article, â€œIncreased Thromboembolic Events With Dabigatran Compared With Vitamin K Antagonism in Left Ventricular Assist Device Patients: A Randomized Controlled Pilot Trialâ€. <i>Circulation: Heart Failure</i> , 2017, 10, .	1.6	1
167	Quality of medical therapy in heart failure patients undergoing elective revascularisation: A protective effect of disease modifying therapy at discharge. <i>Scientific Reports</i> , 2017, 7, 14909.	1.6	1
168	Concomitant Transapical Transcatheter Aortic Valve Implantation and Transapical Mitral Valve Repair With NeoChord Implantation. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2019, 14, 564-568.	0.4	1
169	Ticagrelor monotherapy versus aspirin in patients undergoing multiple arterial or single arterial coronary artery bypass grafting: insights from the TiCAB trial. <i>European Journal of Cardio-thoracic Surgery</i> , 2019, 57, 732-739.	0.6	1
170	Response by Andreas et al to Letter Regarding Article, â€œElectrical Stimulation of the Greater Auricular Nerve to Reduce Postoperative Atrial Fibrillationâ€. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2019, 12, e008067.	2.1	1
171	Off-Pump Tricuspid Annuloplasty through a Direct Transatrial Approach: Early Results. <i>Thoracic and Cardiovascular Surgeon</i> , 2020, 68, 503-506.	0.4	1
172	Copeptin â€” prognostic relevance as a perioperative marker in pediatric cardiac surgery. <i>Annals of Thoracic Surgery</i> , 2020, , .	0.7	1
173	Extra-anatomic aortic bypass with aortic, mitral, and tricuspid surgery in a 53-year old: A single-stage approach for complex coarctation associated with triple valve pathology. <i>Journal of Cardiac Surgery</i> , 2020, 35, 937-939.	0.3	1
174	Rapid-Deployment Aortic Valves in a Small Aortic Root: Prosthesisâ€”Patient Mismatch and Pacemaker Implantation. <i>Annals of Thoracic Surgery</i> , 2021, 111, 379-380.	0.7	1
175	Nasogastric tube placement in critically ill patientsâ€”stay alert!. <i>Journal of Cardiac Surgery</i> , 2021, 36, 1546-1547.	0.3	1
176	Impact of Venoarterial Extracorporeal Membrane Oxygenation on Alkaline Phosphatase Metabolism after Cardiac Surgery. <i>Biomolecules</i> , 2021, 11, 748.	1.8	1
177	The impact of invasive respiratory support on the development of postoperative atrial fibrillation following cardiac surgery. <i>Journal of Clinical Anesthesia</i> , 2021, 72, 110309.	0.7	1
178	Real-world 6-month outcomes of minimally invasive aortic valve replacement with the EDWARDS INTUITY Elite valve system. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2022, 35, .	0.5	1
179	Awake Implementation of Extracorporeal Life Support in Refractory Cardiogenic Shock. <i>Medicina (Lithuania)</i> , 2022, 58, 43.	0.8	1
180	The impact of left atrial mechanics on adverse events and clinical outcome after cardiac surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, 62, .	0.6	1

#	ARTICLE	IF	CITATIONS
181	Heart transplantation in Vienna: 25 years of experience. Wiener Klinische Wochenschrift, 2008, 120, 3-10.	1.0	0
182	Reply. Annals of Thoracic Surgery, 2013, 96, 1528-1529.	0.7	0
183	Reply to Napp et al.. European Journal of Cardio-thoracic Surgery, 2018, 53, 894-895.	0.6	0
184	Reply to: "The senescence of vascular smooth muscle cells in BAV-associated aortopathy": Atherosclerosis, 2018, 278, 319-320.	0.4	0
185	A rare case of quadruple valve surgery with bioprosthetic pulmonary valve replacement in an octogenarian for degenerative valvular disease: Technical aspects. Journal of Cardiac Surgery, 2019, 34, 1140-1142.	0.3	0
186	Extracorporeal membrane oxygenation for right ventricular support in left ventricular assist device recipients. Annals of Cardiothoracic Surgery, 2019, 8, 170-172.	0.6	0
187	Implanting the HeartMate 6 (total artificial heart). , 2021, 2021, .		0
188	The Prognostic Impact of Anti-thrombotic Treatment Strategies After Biological Aortic Valve Replacement. Cardiovascular Drugs and Therapy, 2021, , 1.	1.3	0
189	Mitral valve repair with adjustable ring annuloplasty. , 2018, 2018, .		0
190	HLA"EMMA, a tool for molecular"level HLA matching after heart transplantation. Transplant International, 2020, 33, 1821-1822.	0.8	0
191	Femoral cannulation for cardiopulmonary bypass with a novel bidirectional perfusion cannula. , 2021, 2021, .		0
192	External stenting of saphenous vein grafts for coronary artery bypass: a single-center analysis of clinical outcomes. Journal of Cardiovascular Surgery, 2022, , .	0.3	0
193	Arrhythmia Caused by a Giant Coronary Artery Aneurysm. Annals of Thoracic Surgery, 2022, , .	0.7	0
194	Deviations From the Ideal Plasma Volume and Isolated Tricuspid Valve Surgery"Paving the Way for New Risk Stratification Parameters. Frontiers in Cardiovascular Medicine, 2022, 9, 849972.	1.1	0