

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 | Platelet activation and aggregation in different centrifugal-flow left ventricular assist devices. <i>Platelets</i> , 2022, 33, 249-256. | 1.1 | 6 |
| 2 | 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 |
| 3 | Beating Versus Arrested Heart Isolated Tricuspid Valve Surgery: Long-term Outcomes. <i>Annals of Thoracic Surgery</i> , 2022, 113, 585-592. | 0.7 | 15 |
| 4 | 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 |
| 5 | 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 |
| 6 | The JenaValve pericardial transcatheter aortic valve replacement system to treat aortic valve disease. <i>Future Cardiology</i> , 2022, 18, 101-113. | 0.5 | 11 |
| 7 | Machine learning-derived electrocardiographic algorithm for the detection of cardiac amyloidosis. <i>Heart</i> , 2022, 108, 1137-1147. | 1.2 | 9 |
| 8 | 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 |
| 9 | Access site complications of postcardiotomy extracorporeal life support. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 164, 1546-1558.e8. | 0.4 | 9 |
| 10 | External stenting of saphenous vein grafts for coronary artery bypass: a single-center analysis of clinical outcomes. <i>Journal of Cardiovascular Surgery</i> , 2022, , . | 0.3 | 0 |
| 11 | 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 |
| 12 | Mechanical versus biological valve prostheses for left-sided infective endocarditis. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, 62, . | 0.6 | 6 |
| 13 | 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 |
| 14 | Arrhythmia Caused by a Giant Coronary Artery Aneurysm. <i>Annals of Thoracic Surgery</i> , 2022, , . | 0.7 | 0 |
| 15 | Prognostic impact of secondary prevention after coronary artery bypass grafting—insights from the TiCAB trial. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, 62, . | 0.6 | 4 |
| 16 | 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 |
| 17 | 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 |
| 18 | Outcome of patients undergoing isolated tricuspid repair or replacement surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, 62, . | 0.6 | 7 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Deviations From the Ideal Plasma Volume and Isolated Tricuspid Valve Surgeryâ€”Paving the Way for New Risk Stratification Parameters. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 849972. | 1.1 | 0 |
| 20 | 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 |
| 21 | Noseâ€”shaped mass in the ascending aorta. <i>Journal of Cardiac Surgery</i> , 2022, , . | 0.3 | 2 |
| 22 | 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 |
| 23 | 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 |
| 24 | Observed versus predicted mortality after isolated tricuspid valve surgery. <i>Journal of Cardiac Surgery</i> , 2022, 37, 1959-1966. | 0.3 | 6 |
| 25 | 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 |
| 26 | Awake Implementation of Extracorporeal Life Support in Refractory Cardiogenic Shock. <i>Medicina (Lithuania)</i> , 2022, 58, 43. | 0.8 | 1 |
| 27 | 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 |
| 28 | 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 |
| 29 | 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 |
| 30 | 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 |
| 31 | 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 |
| 32 | 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 |
| 33 | Conduction disturbances following surgical aortic valve replacement with a rapid-deployment bioprosthesis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 162, 803-811. | 0.4 | 22 |
| 34 | 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 |
| 35 | Left ventricular assist device driveline infections in three contemporary devices. <i>Artificial Organs</i> , 2021, 45, 464-472. | 1.0 | 20 |
| 36 | The impact of volume substitution on postâ€”operative atrial fibrillation. <i>European Journal of Clinical Investigation</i> , 2021, 51, e13456. | 1.7 | 8 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | The adapted Heart Donor Score. <i>Transplant International</i> , 2021, 34, 546-560. | 0.8 | 3 |
| 38 | 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 |
| 39 | Nasogastric tube placement in critically ill patientsâ€”stay alert!. <i>Journal of Cardiac Surgery</i> , 2021, 36, 1546-1547. | 0.3 | 1 |
| 40 | 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 |
| 41 | Pacemaker lead-associated tricuspid regurgitation in patients with or without pre-existing right ventricular dilatation. <i>Clinical Research in Cardiology</i> , 2021, 110, 884-894. | 1.5 | 15 |
| 42 | Implanting the HeartMate 6 (total artificial heart). , 2021, 2021, . | | 0 |
| 43 | 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 |
| 44 | 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 |
| 45 | Reversal of pulmonary hypertension in paediatric patients with restrictive cardiomyopathy. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2021, 33, 834-836. | 0.5 | 2 |
| 46 | Impact of Venoarterial Extracorporeal Membrane Oxygenation on Alkaline Phosphatase Metabolism after Cardiac Surgery. <i>Biomolecules</i> , 2021, 11, 748. | 1.8 | 1 |
| 47 | 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 |
| 48 | The Ross procedure in 2021â€”aiming for operative perfection. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 60, 1122-1123. | 0.6 | 2 |
| 49 | Anterior Right Thoracotomy for Rapid-Deployment Aortic Valve Replacement. <i>Annals of Thoracic Surgery</i> , 2021, 112, 564-571. | 0.7 | 5 |
| 50 | Aortic valve replacement in pediatric patients: 30 years single center experience. <i>Journal of Cardiothoracic Surgery</i> , 2021, 16, 259. | 0.4 | 4 |
| 51 | The Prognostic Impact of Anti-thrombotic Treatment Strategies After Biological Aortic Valve Replacement. <i>Cardiovascular Drugs and Therapy</i> , 2021, , 1. | 1.3 | 0 |
| 52 | 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 |
| 53 | Psoas Muscle Area Predicts Mortality after Left Ventricular Assist Device Implantation. <i>Life</i> , 2021, 11, 922. | 1.1 | 3 |
| 54 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | 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 |
| 56 | 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 |
| 57 | 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 |
| 58 | 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 |
| 59 | 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 |
| 60 | 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 |
| 61 | Femoral cannulation for cardiopulmonary bypass with a novel bidirectional perfusion cannula. , 2021, 2021, . | | 0 |
| 62 | 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 |
| 63 | Autologous aortic arch reconstruction in isolated and combined cardiac lesions. <i>European Surgery - Acta Chirurgica Austriaca</i> , 2020, 52, 165-170. | 0.3 | 2 |
| 64 | 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 |
| 65 | Early Antibiotic Prophylaxis Prior to Bypass Surgery Improves Tissue Penetration. <i>Thoracic and Cardiovascular Surgeon</i> , 2020, 68, 669-673. | 0.4 | 2 |
| 66 | Long interspersed element-1 ribonucleoprotein particles protect telomeric ends in alternative lengthening of telomeres dependent cells. <i>Neoplasia</i> , 2020, 22, 61-75. | 2.3 | 13 |
| 67 | Off-Pump Tricuspid Annuloplasty through a Direct Transatrial Approach: Early Results. <i>Thoracic and Cardiovascular Surgeon</i> , 2020, 68, 503-506. | 0.4 | 1 |
| 68 | Impact of Subclinical Congestion on Outcome of Patients Undergoing Mitral Valve Surgery. <i>Biomedicines</i> , 2020, 8, 363. | 1.4 | 2 |
| 69 | Donor-specific <sc>HLA</sc> antibodies after fresh decellularized vs cryopreserved native allograft implantation. <i>Hla</i> , 2020, 96, 580-588. | 0.4 | 12 |
| 70 | 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 |
| 71 | 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 |
| 72 | 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 |
|----|--|-----|-----------|
| 73 | Sex Differences and Long-Term Outcome in Patients With Pacemakers. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 569060. | 1.1 | 6 |
| 74 | Outcome of rapid deployment aortic valves: long-term experience after 700 implants. <i>Annals of Cardiothoracic Surgery</i> , 2020, 9, 314-321. | 0.6 | 16 |
| 75 | 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 |
| 76 | 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 |
| 77 | 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 |
| 78 | Non-invasive mapping of persistent atrial fibrillation and dextroposition of the heart. <i>IJC Heart and Vasculature</i> , 2020, 30, 100640. | 0.6 | 2 |
| 79 | Copeptin â€œ prognostic relevance as a perioperative marker in pediatric cardiac surgery. <i>Annals of Thoracic Surgery</i> , 2020, , . | 0.7 | 1 |
| 80 | 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 |
| 81 | 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 |
| 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 | Transcatheter edgeâ€œtoâ€œedge 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 |
| 84 | CD8+CD28null T Lymphocytes are Associated with the Development of Atrial Fibrillation after Elective Cardiac Surgery. <i>Thrombosis and Haemostasis</i> , 2020, 120, 1182-1187. | 1.8 | 13 |
| 85 | Minimally invasive access type related to outcomes of sutureless and rapid deployment valves. <i>European Journal of Cardio-thoracic Surgery</i> , 2020, 58, 1063-1071. | 0.6 | 14 |
| 86 | Recommendations for extracorporeal membrane oxygenation (ECMO) in COVID-19 patients. <i>Wiener Klinische Wochenschrift</i> , 2020, 132, 671-676. | 1.0 | 9 |
| 87 | Extraâ€œanatomic aortic bypass with aorticâ€œ, mitralâ€œ, and tricuspid surgery in a 53â€œyear old: A singleâ€œstage approach for complex coarctation associated with triple valve pathology. <i>Journal of Cardiac Surgery</i> , 2020, 35, 937-939. | 0.3 | 1 |
| 88 | Atrial Fibrillation After Cardiac Surgery: Electrophysiological Mechanism and Outcome. <i>Annals of Thoracic Surgery</i> , 2020, 109, 1765-1772. | 0.7 | 9 |
| 89 | Rapid-Deployment Aortic Valves for Patients With a Small Aortic Root: A Single-Center Experience. <i>Annals of Thoracic Surgery</i> , 2020, 110, 1549-1556. | 0.7 | 21 |
| 90 | 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 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 91 | Paediatric aortic valve replacement using decellularized allografts. <i>European Journal of Cardio-thoracic Surgery</i> , 2020, 58, 817-824. | 0.6 | 20 |
| 92 | Molecular-level HLA mismatch is associated with rejection and worsened graft survival in heart transplant recipients – a retrospective study. <i>Transplant International</i> , 2020, 33, 1078-1088. | 0.8 | 18 |
| 93 | HLA-EMMA, a tool for molecular-level HLA matching after heart transplantation. <i>Transplant International</i> , 2020, 33, 1821-1822. | 0.8 | 0 |
| 94 | A rare case of quadruple valve surgery with bioprosthetic pulmonary valve replacement in an octogenarian for degenerative valvular disease: Technical aspects. <i>Journal of Cardiac Surgery</i> , 2019, 34, 1140-1142. | 0.3 | 0 |
| 95 | 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 |
| 96 | 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 |
| 97 | Primary Human Fibroblasts in Culture Switch to a Myofibroblast-Like Phenotype Independently of TGF Beta. <i>Cells</i> , 2019, 8, 721. | 1.8 | 41 |
| 98 | 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 |
| 99 | Electrical Stimulation of the Greater Auricular Nerve to Reduce Postoperative Atrial Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2019, 12, e007711. | 2.1 | 19 |
| 100 | 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 |
| 101 | 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 |
| 102 | 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 |
| 103 | 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 |
| 104 | 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. <i>European Journal of Cardio-thoracic Surgery</i> , 2019, 56, 38-43. | 0.6 | 19 |
| 105 | Thoracic endovascular repair for acute complicated type B aortic dissections. <i>Journal of Vascular Surgery</i> , 2019, 69, 318-326. | 0.6 | 24 |
| 106 | Extracellular matrix in ascending aortic aneurysms and dissections – What we learn from decellularization and scanning electron microscopy. <i>PLoS ONE</i> , 2019, 14, e0213794. | 1.1 | 20 |
| 107 | Extracorporeal membrane oxygenation for right ventricular support in left ventricular assist device recipients. <i>Annals of Cardiothoracic Surgery</i> , 2019, 8, 170-172. | 0.6 | 0 |
| 108 | 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 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 109 | 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 |
| 110 | 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 |
| 111 | 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 |
| 112 | Response by Andreas et al to Letter Regarding Article, "Electrical Stimulation of the Greater Auricular Nerve to Reduce Postoperative Atrial Fibrillation". <i>Circulation: Arrhythmia and Electrophysiology</i> , 2019, 12, e008067. | 2.1 | 1 |
| 113 | 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 |
| 114 | Syncope. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 225-232. | 2.3 | 22 |
| 115 | Noninvasive mapping before surgical ablation for persistent, long-standing atrial fibrillation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, 248-256. | 0.4 | 13 |
| 116 | Early inhibition of endothelial retinoid uptake upon myocardial infarction restores cardiac function and prevents cell, tissue, and animal death. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 126, 105-117. | 0.9 | 14 |
| 117 | Long-term performance of pulmonary homografts after the Ross procedure: experience up to 25 years. <i>European Journal of Cardio-thoracic Surgery</i> , 2019, 55, 876-884. | 0.6 | 15 |
| 118 | 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. <i>Atherosclerosis</i> , 2018, 271, 111-119. | 0.4 | 18 |
| 119 | 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 |
| 120 | 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 |
| 121 | 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 |
| 122 | High-dose catecholamine donor support and outcomes after heart transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2018, 37, 596-603. | 0.3 | 18 |
| 123 | One-year outcomes after rapid-deployment aortic valve replacement. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 155, 575-585. | 0.4 | 19 |
| 124 | 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 |
| 125 | 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 |
| 126 | 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 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 127 | Reply to Napp et al.. European Journal of Cardio-thoracic Surgery, 2018, 53, 894-895. | 0.6 | 0 |
| 128 | Extracorporeal membrane oxygenation support for right ventricular failure after left ventricular assist device implantation. European Journal of Cardio-thoracic Surgery, 2018, 53, 590-595. | 0.6 | 22 |
| 129 | Sternotomy Sparing Thoratec Heartmate 3 Implantation via Bilateral Minithoracotomy. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2018, 13, 74-76. | 0.4 | 2 |
| 130 | Outcomes of a Rapid Deployment Aortic Valve versus its Conventional Counterpart. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2018, 13, 177-183. | 0.4 | 3 |
| 131 | Outcomes of a Rapid Deployment Aortic Valve versus its Conventional Counterpart. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2018, 13, 177-183. | 0.4 | 22 |
| 132 | Use of the Novel Surgical Enhancement Tools for Less Invasive Abbott HeartMate 3 Implantation. Annals of Thoracic Surgery, 2018, 106, e209-e210. | 0.7 | 4 |
| 133 | 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 |
| 134 | Reply to: "The senescence of vascular smooth muscle cells in BAV-associated aortopathy". Atherosclerosis, 2018, 278, 319-320. | 0.4 | 0 |
| 135 | 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 |
| 136 | CD4+CD28null T Lymphocytes are Associated with the Development of Atrial Fibrillation after Elective Cardiac Surgery. Scientific Reports, 2018, 8, 9624. | 1.6 | 19 |
| 137 | To Be Or Not to Be: the "Smoker's Paradox" An in-Vitro Study. Cellular Physiology and Biochemistry, 2018, 48, 1638-1651. | 1.1 | 3 |
| 138 | A Standardized Telephone Intervention Algorithm Improves the Survival of Ventricular Assist Device Outpatients. Artificial Organs, 2018, 42, 961-969. | 1.0 | 16 |
| 139 | Long-Term Outcome of Active Surveillance in Severe But Asymptomatic Primary Mitral Regurgitation. JACC: Cardiovascular Imaging, 2018, 11, 1213-1221. | 2.3 | 39 |
| 140 | Tricuspid valve replacement: results of an orphan procedure - which is the best prosthesis?. Journal of Cardiovascular Surgery, 2018, 59, 626-632. | 0.3 | 5 |
| 141 | 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 |
| 142 | Valve-in-valve transcatheter aortic valve implantation into a novel, sutureless bioprosthesis: technical considerations. EuroIntervention, 2018, 13, 1902-1903. | 1.4 | 10 |
| 143 | Mitral valve repair with adjustable ring annuloplasty. , 2018, 2018, . | | 0 |
| 144 | Direct sternal administration of Vancomycin and Gentamicin during closure prevents wound infection. Interactive Cardiovascular and Thoracic Surgery, 2017, 25, 6-11. | 0.5 | 14 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 145 | 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 |
| 146 | Long-term outcomes of a rapid deployment aortic valve: data up to 5 yearsâ€. <i>European Journal of Cardio-thoracic Surgery</i> , 2017, 52, 281-287. | 0.6 | 64 |
| 147 | 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 |
| 148 | Every like is not the same. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 153, 1553-1555. | 0.4 | 4 |
| 149 | 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 |
| 150 | Impact of Right Ventricular Performance in Patients Undergoing Extracorporeal Membrane Oxygenation Following Cardiac Surgery. <i>Journal of the American Heart Association</i> , 2017, 6, . | 1.6 | 13 |
| 151 | Rapid-deployment valves: Finally the fog is lifting-benefits beyond crossclamp and bypass times. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 154, 1527-1531. | 0.4 | 16 |
| 152 | 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 |
| 153 | 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 |
| 154 | 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 |
| 155 | Asymptomatic Severe Aortic Stenosis inâ€the Elderly. <i>JACC: Cardiovascular Imaging</i> , 2017, 10, 43-50. | 2.3 | 55 |
| 156 | Cardiac Surgery After Heart Transplantation: Elective Operation or Last Exit Strategy?. <i>Transplantation Direct</i> , 2017, 3, e209. | 0.8 | 19 |
| 157 | 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 |
| 158 | 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. <i>American Heart Journal</i> , 2016, 179, 69-76. | 1.2 | 20 |
| 159 | Leoligin, the major lignan from Edelweiss, inhibits 3-hydroxy-3-methyl-glutaryl-CoA reductase and reduces cholesterol levels in ApoE âˆ“/âˆ“ mice. <i>Journal of Molecular and Cellular Cardiology</i> , 2016, 99, 35-46. | 0.9 | 16 |
| 160 | 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 |
| 161 | Watershed of veno-arterial extracorporeal life support. <i>European Journal of Cardio-thoracic Surgery</i> , 2016, 50, 785-785. | 0.6 | 10 |
| 162 | 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 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 163 | 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 |
| 164 | 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 |
| 165 | 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 |
| 166 | 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 |
| 167 | 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 |
| 168 | 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 |
| 169 | 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 |
| 170 | How to Perfuse: Concepts of Cerebral Protection during Arch Replacement. <i>BioMed Research International</i> , 2015, 2015, 1-10. | 0.9 | 1 |
| 171 | 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 |
| 172 | Combination of Cadmium and High Cholesterol Levels as a Risk Factor for Heart Fibrosis. <i>Toxicological Sciences</i> , 2015, 145, 360-371. | 1.4 | 20 |
| 173 | Cefazolin and linezolid penetration into sternal cancellous bone during coronary artery bypass grafting. <i>European Journal of Cardio-thoracic Surgery</i> , 2015, 48, 758-764. | 0.6 | 13 |
| 174 | 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 |
| 175 | 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 |
| 176 | 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 |
| 177 | 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 |
| 178 | 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 |
| 179 | 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 |
| 180 | A Single-Center Experience With the Ross Procedure Over 20 Years. <i>Annals of Thoracic Surgery</i> , 2014, 97, 182-188. | 0.7 | 40 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 181 | Off-Pump HeartWare Ventricular Assist Device Implantation With Outflow Graft Anastomosis to the Left Subclavian Artery. <i>Annals of Thoracic Surgery</i> , 2014, 97, 2214-2216. | 0.7 | 16 |
| 182 | Ventricular Assist Devices â€“ Evolution of Surgical Heart Failure Treatment. <i>European Cardiology Review</i> , 2014, 9, 54. | 0.7 | 10 |
| 183 | Reply. <i>Annals of Thoracic Surgery</i> , 2013, 96, 1528-1529. | 0.7 | 0 |
| 184 | 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 |
| 185 | Characteristics of TAV- and BAV-associated thoracic aortic aneurysmsâ€”Smooth muscle cell biology, expression profiling, and histological analyses. <i>Atherosclerosis</i> , 2012, 220, 355-361. | 0.4 | 62 |
| 186 | Heart transplantation in Vienna: 25 years of experience. <i>Wiener Klinische Wochenschrift</i> , 2008, 120, 3-10. | 1.0 | 0 |
| 187 | Computerized heart allograft-recipient monitoring: a multicenter study. <i>Transplant International</i> , 2003, 16, 225-230. | 0.8 | 11 |
| 188 | Efficacy of Two Methods for Reducing Postbypass Afterdrop. <i>Anesthesiology</i> , 2000, 92, 447-447. | 1.3 | 51 |
| 189 | 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 |
| 190 | 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 |
| 191 | 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 |
| 192 | Sinus Node Dysfunction After Orthotopic Cardiac Transplantation: Postoperative Incidence and Longâ€“Term Implications. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1992, 15, 731-737. | 0.5 | 73 |
| 193 | Fluorescence guided excimer laser ablation of intervertebral discs in vitro. <i>Lasers in Surgery and Medicine</i> , 1991, 11, 280-286. | 1.1 | 15 |
| 194 | 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 |