

Volkmar Falk

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6181759/publications.pdf>

Version: 2024-02-01

276
papers

46,006
citations

81743

39
h-index

1851

209
g-index

283
all docs

283
docs citations

283
times ranked

38543
citing authors

#	ARTICLE	IF	CITATIONS
1	Percutaneous coronary intervention versus coronary artery surgery for left main disease according to lesion site: A meta-analysis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2023, 166, 120-132.e11.	0.4	11
2	Movement therapy in lung transplantation candidates assisted by a lightweight wearable robot. <i>Assistive Technology</i> , 2023, 35, 242-247.	1.2	1
3	Cardiac Surgery-Related Acute Kidney Injury _ Risk Factors, Clinical Course, Management Suggestions. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2022, 36, 444-451.	0.6	6
4	Experience with a standardized protocol to predict successful explantation of left ventricular assist devices. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 164, 1922-1930.e2.	0.4	15
5	Validation of a novel risk score to predict mortality after surgery for acute type A dissection. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, 61, 378-385.	0.6	8
6	Lifetime management of aortic valve disease: Aligning surgical and transcatheter armamentarium to set the tone for the present and the future. <i>Journal of Cardiac Surgery</i> , 2022, 37, 205-213.	0.3	19
7	Missing the blind spot in a HeartMate 3 LVAD outflow graft obstruction caused by fungal infection. <i>Artificial Organs</i> , 2022, 46, 155-158.	1.0	2
8	Results from a multicentre evaluation of plug use for left ventricular assist device explantation. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2022, 34, 683-690.	0.5	5
9	Aortic valve replacement via right anterolateral minithoracotomy: preventing adverse events during the initial learning curve. <i>Journal of Cardiovascular Surgery</i> , 2022, 63, .	0.3	0
10	Minimally invasive endoscopic mitral valve repair- the new gold standard for degenerative mitral valve disease. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, 61, 645-646.	0.6	3
11	Comparison of feasibility and results of frailty assessment methods prior to left ventricular assist device implantation. <i>ESC Heart Failure</i> , 2022, 9, 1038-1049.	1.4	10
12	Cascaded neural network-based CT image processing for aortic root analysis. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2022, 17, 507-519.	1.7	6
13	Bacteriophage Therapy as a Treatment Option for Complex Cardiovascular Implant Infection: The German Heart Center Berlin experience. <i>Journal of Heart and Lung Transplantation</i> , 2022, , .	0.3	9
14	Right atriotomy closure with modified ventricular assist device ring. <i>Journal of Cardiac Surgery</i> , 2022, , .	0.3	1
15	OUP accepted manuscript. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, , .	0.6	0
16	Which patients with aortic stenosis should be referred to surgery rather than transcatheter aortic valve implantation?. <i>European Heart Journal</i> , 2022, 43, 2729-2750.	1.0	38
17	Surgical Restoration of Antero-Apical Left Ventricular Aneurysms: Cardiac Computed Tomography for Therapy Planning. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 763073.	1.1	2
18	Predictive Value of Two-Dimensional Speckle-Tracking Echocardiography in Patients Undergoing Surgical Ventricular Restoration. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 824467.	1.1	1

#	ARTICLE	IF	CITATIONS
19	Balancing the benefits of tricuspid annuloplasty. <i>Journal of Cardiac Surgery</i> , 2022, , .	0.3	0
20	Thrombus formation at the inflow cannula of continuousâ€flow left ventricular assist devicesâ€”A systematic analysis. <i>Artificial Organs</i> , 2022, 46, 1573-1584.	1.0	4
21	Risk-related short-term clinical outcomes after transcatheter aortic valve implantation and their impact on early mortality: an analysis of claims-based data from Germany. <i>Clinical Research in Cardiology</i> , 2022, 111, 934-943.	1.5	1
22	A system for real-time multivariate feature combination of endoscopic mitral valve simulator training data. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2022, 17, 1619-1631.	1.7	1
23	Movement therapy in advanced heart failure assisted by a lightweight wearable robot: a feasibility pilot study. <i>ESC Heart Failure</i> , 2022, 9, 1643-1650.	1.4	5
24	Cardiac remodeling in patients with centrifugal left ventricular assist devices assessed by serial echocardiography. <i>Echocardiography</i> , 2022, 39, 667-677.	0.3	4
25	Partial ring annuloplasty in the management of mitral annular calcification. <i>Journal of Cardiac Surgery</i> , 2022, , .	0.3	0
26	Matched comparison of 3 cerebral perfusion strategies in open zone-0 anastomosis for acute type A aortic dissection. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, 62, .	0.6	5
27	Impact of left ventricular inspection employing cardiopulmonary bypass on outcome after implantation of left ventricular assist device. <i>Artificial Organs</i> , 2022, 46, 908-921.	1.0	2
28	Minimally invasive mitral valve surgery after failed transcatheter mitral valve repair in an intermediate-risk cohort. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2022, 35, .	0.5	3
29	The arch remodelling stent for DeBakey I acute aortic dissection: experience with 100 implantations. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, 62, .	0.6	10
30	Noninferiority trials: What's clinically (ir)relevant?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 161, 2119-2123.	0.4	4
31	Feasibility of bilateral internal thoracic artery harvesting using the da Vinci SP system. <i>Surgery Today</i> , 2021, 51, 303-308.	0.7	3
32	Technical implementation of percutaneous thrombus aspiration using the AngioVac system. <i>Perfusion (United Kingdom)</i> , 2021, 36, 352-356.	0.5	3
33	Validity of visual assessment of aortic valve morphology in patients with aortic stenosis using two-dimensional echocardiography. <i>International Journal of Cardiovascular Imaging</i> , 2021, 37, 813-823.	0.7	4
34	A new calcium score to predict paravalvular leak in transcatheter aortic valve implantation. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 59, 894-900.	0.6	3
35	Minithoracotomy versus full sternotomy for isolated aortic valve replacement: Propensity matched data from two centers. <i>Journal of Cardiac Surgery</i> , 2021, 36, 97-104.	0.3	11
36	ECMELLA 2.0: Single Arterial Access Technique for a Staged Approach in Cardiogenic Shock. <i>Annals of Thoracic Surgery</i> , 2021, 111, e135-e137.	0.7	20

#	ARTICLE	IF	CITATIONS
37	Next-generation tissue-engineered heart valves with repair, remodelling and regeneration capacity. <i>Nature Reviews Cardiology</i> , 2021, 18, 92-116.	6.1	128
38	A Novel Hybrid Membrane VAD as First Step Toward Hemocompatible Blood Propulsion. <i>Annals of Biomedical Engineering</i> , 2021, 49, 716-731.	1.3	9
39	Disproportionate mitral regurgitation: another myth? A critical appraisal of echocardiographic assessment of functional mitral regurgitation. <i>International Journal of Cardiovascular Imaging</i> , 2021, 37, 183-196.	0.7	20
40	Validity of the 6-Minute Walk Test in Patients with End-Stage Lung Diseases Wearing an Oronasal Surgical Mask in Times of the COVID-19 Pandemic. <i>Respiration</i> , 2021, 100, 594-599.	1.2	10
41	Uncertainty Resolved?. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2021, 16, 17-18.	0.4	0
42	Antiplatelet and direct oral anticoagulation management after coronary artery bypass graft surgery: the Cinderella of current cardiovascular trials, please show me (some) evidence. <i>European Heart Journal</i> , 2021, 42, 2145-2148.	1.0	3
43	Real-time intraoperative co-registration of transesophageal echocardiography with fluoroscopy facilitates transcatheter mitral valve-in-valve implantation in cases of invisible degenerated bioprosthetic valves. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2021, 32, 695-702.	0.5	1
44	<i>Rothia aeria</i> and <i>Rothia dentocariosa</i> as biofilm builders in infective endocarditis. <i>International Journal of Medical Microbiology</i> , 2021, 311, 151478.	1.5	9
45	Xenotransplantation in the era of a zoonotic pandemic. <i>European Heart Journal</i> , 2021, 42, 1283-1285.	1.0	3
46	Hemoptysis due to a primary aortobronchial fistula of the ascending aorta. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 60, 431-431.	0.6	0
47	Reply to Pollari and Fischlein. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 60, 437-438.	0.6	0
48	The Sooner, The Better. <i>JACC: Case Reports</i> , 2021, 3, 177-179.	0.3	0
49	Mitral valve surgery: current status and future prospects of the minimally invasive approach. <i>Expert Review of Medical Devices</i> , 2021, 18, 245-260.	1.4	15
50	Novel Blood Biomarkers for a Diagnostic Workup of Acute Aortic Dissection. <i>Diagnostics</i> , 2021, 11, 615.	1.3	14
51	Assessment of 10-Year Left-Ventricular-Remodeling by CMR in Patients Following Aortic Valve Replacement. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 645693.	1.1	4
52	Propensity matched long-term analysis of mechanical versus stentless aortic valve replacement in the younger patient. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 60, 276-283.	0.6	7
53	Toward next-generation advanced therapies: extracellular vesicles and cell therapy – partners or competitors?. <i>Regenerative Medicine</i> , 2021, 16, 215-218.	0.8	7
54	Eye Tracking Supported Human Factors Testing Improving Patient Training. <i>Journal of Medical Systems</i> , 2021, 45, 55.	2.2	6

#	ARTICLE	IF	CITATIONS
55	SLL-PEEP Ventilation to Improve Exposure in Minimally Invasive Right Anterolateral Minithoracotomy Aortic Valve Replacement. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2021, 16, 358-364.	0.4	0
56	Real-Time Ventricular Volume Measured Using the Intracardiac Electromyogram. <i>ASAIO Journal</i> , 2021, 67, 1312-1320.	0.9	3
57	The link between regeneration and extracellular matrix in the heart can three-dimensional in vitro models uncover it?. <i>European Heart Journal</i> , 2021, 42, 2518-2522.	1.0	1
58	Durable mechanical circulatory support in patients with heart failure with preserved ejection fraction. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2021, 33, 628-630.	0.5	2
59	Initial experience with the new type A arch dissection stent: restoration of supra-aortic vessel perfusion. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2021, 33, 276-283.	0.5	13
60	Tricento transcatheter heart valve implantation in a redo setting for the treatment of torrential tricuspid valve regurgitation. , 2021, 2021, .		0
61	Development of tricuspid regurgitation and right ventricular performance after implantation of centrifugal left ventricular assist devices. <i>Annals of Cardiothoracic Surgery</i> , 2021, 10, 364-374.	0.6	7
62	Management of increased systemic flow requirements in patients with left ventricular assist devices. <i>Annals of Cardiothoracic Surgery</i> , 2021, 10, 399-401.	0.6	3
63	Continuous-flow biventricular mechanical support implantation strategies. <i>Annals of Cardiothoracic Surgery</i> , 2021, 10, 408-410.	0.6	0
64	Polymeric valves appearing on the transcatheter horizon. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 59, 1057-1058.	0.6	3
65	Feasibility of two-dimensional speckle-tracking echocardiography of aortic valve in patients with calcific aortic valve disease. <i>Journal of Biomechanics</i> , 2021, 122, 110474.	0.9	2
66	On-pump beating-heart minimally invasive surgical tricuspid valve repair in a redo setting. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2021, 33, 1001.	0.5	0
67	The Issues with Risk and Benefit Evaluation for Invasive Treatment of Cardiac Disease. <i>Annals of Thoracic Surgery</i> , 2021, 112, 1733-1735.	0.7	4
68	A free-form patterning method enabling endothelialization under dynamic flow. <i>Biomaterials</i> , 2021, 273, 120816.	5.7	12
69	Myocardial Work Assessment for the Prediction of Prognosis in Advanced Heart Failure. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 691611.	1.1	20
70	Safety of Contemporary Heart Failure Therapy in Patients with Continuous-Flow Left Ventricular Assist Devices. <i>Journal of Cardiac Failure</i> , 2021, 27, 1328-1336.	0.7	7
71	Improving Terminology to Describe Coronary Artery Procedures. <i>Journal of the American College of Cardiology</i> , 2021, 78, 180-188.	1.2	16
72	Percutaneous mitral valve repair assisted by a catheter-based circulatory support device in a heart transplant patient. <i>Journal of Cardiac Surgery</i> , 2021, 36, 3905-3909.	0.3	6

#	ARTICLE	IF	CITATIONS
73	Minimally invasive surgery versus sternotomy in native mitral valve endocarditis: a matched comparison. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 61, 189-194.	0.6	2
74	Propensity score-based analysis of 30-day survival in cardiogenic shock patients supported with different microaxial left ventricular assist devices. <i>Journal of Cardiac Surgery</i> , 2021, 36, 4141-4152.	0.3	10
75	Systems of conductive skin for power transfer in clinical applications. <i>European Biophysics Journal</i> , 2021, , 1.	1.2	3
76	On the function of biosynthesized cellulose as barrier against bacterial colonization of VAD drivelines. <i>Scientific Reports</i> , 2021, 11, 18776.	1.6	6
77	Successful case of adjunctive intravenous bacteriophage therapy to treat left ventricular assist device infection. <i>Journal of Infection</i> , 2021, 83, e1-e3.	1.7	14
78	Computed Tomography-Based Assessment of Transvalvular Pressure Gradient in Aortic Stenosis. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 706628.	1.1	7
79	Evaluation of Cerebral Thromboembolism After Transcatheter Aortic Valve Replacement (EARTH TAVR): A Serial Magnetic Resonance Imaging Evaluation as Substudy of the GALILEO Trial. <i>Circulation: Cardiovascular Interventions</i> , 2021, 14, e011074.	1.4	1
80	Diagnosis and Treatment Strategies of Outflow Graft Obstruction in the Fully Magnetically Levitated Continuous-Flow centrifugal Left Ventricular Assist Device: A Multicenter Case Series. <i>ASAIO Journal</i> , 2021, 67, e52-e54.	0.9	15
81	Fluorescence In Situ Hybridization and Polymerase Chain Reaction to Detect Infections in Patients With Left Ventricular Assist Devices. <i>ASAIO Journal</i> , 2021, 67, 536-545.	0.9	9
82	Reply to Jasinski et al.. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, , .	0.6	0
83	Impact of Muscle Mass as a Prognostic Factor for Failed Waiting Time Prior to Heart Transplantation. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 731293.	1.1	1
84	Mechanical circulatory support: Technical tips for the implantation of a right ventricular assist device. <i>JTCVS Open</i> , 2021, 8, 37-40.	0.2	4
85	Surgical ventricular reconstruction eligible for late assist device implantation. <i>Annals of Thoracic Surgery</i> , 2021, , .	0.7	0
86	Diagnostic and Prognostic Value of a TDI-Derived Systolic Wall Motion Analysis as a Screening Modality for Allograft Rejection after Heart Transplantation. <i>Life</i> , 2021, 11, 1206.	1.1	0
87	The circle method for preoperative TAVI sizing in a Sievers type 0 stenotic bicuspid aortic valve. , 2021, , .		1
88	Surgical Implantation Techniques of Modern Continuous Flow Ventricular Assist Devices. <i>Surgical Technology International</i> , 2021, 37, 263-269.	0.1	1
89	State of the Art Review: Surgical Treatment of Acute Type A Aortic Dissection. <i>Surgical Technology International</i> , 2021, 38, 279-288.	0.1	1
90	Techniques for Robotic-Assisted Surgical Myocardial Revascularization. <i>Surgical Technology International</i> , 2021, 39, 251-259.	0.1	0

#	ARTICLE	IF	CITATIONS
91	Impact of preoperative atrial fibrillation on thromboembolic events and pump thrombosis in long-term left ventricular assist device therapy. <i>European Journal of Cardio-thoracic Surgery</i> , 2020, 57, 325-330.	0.6	4
92	Transcatheter aspiration of large pacemaker and implantable cardioverter-defibrillator lead vegetations facilitating safe transvenous lead extraction. <i>Europace</i> , 2020, 22, 133-138.	0.7	22
93	Abnormal aortic flow profiles persist after aortic valve replacement in the majority of patients with aortic valve disease: how model-based personalized therapy planning could improve results. A pilot study approach. <i>European Journal of Cardio-thoracic Surgery</i> , 2020, 57, 133-141.	0.6	9
94	Combining position-based dynamics and gradient vector flow for 4D mitral valve segmentation in TEE sequences. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2020, 15, 119-128.	1.7	6
95	Validation of simple measures of aortic distensibility based on standard 4-chamber cine CMR: a new approach for clinical studies. <i>Clinical Research in Cardiology</i> , 2020, 109, 454-464.	1.5	4
96	Microengineered biosynthesized cellulose as anti-fibrotic in vivo protection for cardiac implantable electronic devices. <i>Biomaterials</i> , 2020, 229, 119583.	5.7	45
97	Iron deficiency is associated with higher mortality in patients undergoing cardiac surgery: a prospective study. <i>British Journal of Anaesthesia</i> , 2020, 124, 25-34.	1.5	76
98	Clinical signs of right ventricular failure following implantation of a left ventricular assist device. <i>European Journal of Heart Failure</i> , 2020, 22, 383-384.	2.9	5
99	The MANTA Vascular Closure Device for Percutaneous Femoral Vessel Cannulation in Minimally Invasive Surgical Mitral Valve Repair. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2020, 15, 568-571.	0.4	9
100	MiRNA Profiles of Extracellular Vesicles Secreted by Mesenchymal Stromal Cells—Can They Predict Potential Off-Target Effects?. <i>Biomolecules</i> , 2020, 10, 1353.	1.8	14
101	Transcatheter aortic valve implantation and its impact on mitral valve geometry and function. <i>Journal of Cardiac Surgery</i> , 2020, 35, 2185-2193.	0.3	2
102	Wearable devices can predict the outcome of standardized 6-minute walk tests in heart disease. <i>Npj Digital Medicine</i> , 2020, 3, 92.	5.7	10
103	Minimally invasive surgical aortic valve replacement: The RALT approach. <i>Journal of Cardiac Surgery</i> , 2020, 35, 2341-2346.	0.3	23
104	Geometry influences inflammatory host cell response and remodeling in tissue-engineered heart valves in-vivo. <i>Scientific Reports</i> , 2020, 10, 19882.	1.6	22
105	Human mesenchymal stromal cells and derived extracellular vesicles: Translational strategies to increase their proangiogenic potential for the treatment of cardiovascular disease. <i>Stem Cells Translational Medicine</i> , 2020, 9, 1558-1569.	1.6	26
106	Surgical explantation of a partially detached cardioband device. <i>Journal of Cardiac Surgery</i> , 2020, 35, 2100-2102.	0.3	4
107	Safety of bioelectrical impedance analysis in advanced heart failure patients. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2020, 43, 1078-1085.	0.5	7
108	Tissue engineered heart valves for transcatheter aortic valve implantation: current state, challenges, and future developments. <i>Expert Review of Cardiovascular Therapy</i> , 2020, 18, 681-696.	0.6	12

#	ARTICLE	IF	CITATIONS
109	Deep-learning-based real-time prediction of acute kidney injury outperforms human predictive performance. <i>Npj Digital Medicine</i> , 2020, 3, 139.	5.7	65
110	Prediction of survival of patients in cardiogenic shock treated by surgically implanted Impella 5+ short-term left ventricular assist device. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2020, 31, 475-482.	0.5	20
111	Endovascular treatment of an anastomotic outflow graft pseudoaneurysm of the descending aorta after implantation of a left ventricular assist device. <i>Journal of Cardiac Surgery</i> , 2020, 35, 3195-3198.	0.3	0
112	Reply to Del Giglio, Tamagnini, Biondi, and Di Mauro. <i>Journal of Cardiac Surgery</i> , 2020, 35, 3667-3670.	0.3	5
113	Transcatheter Restoration of the Left Ventricular Outlet in a Patient With an Implanted Apicoaortic Conduit. <i>JACC: Case Reports</i> , 2020, 2, 2131-2137.	0.3	0
114	Surgical treatment of outflow graft kinking complicated by external obstruction with a fibrin mass in a patient with LVAD. <i>Journal of Cardiac Surgery</i> , 2020, 35, 2853-2856.	0.3	2
115	Regarding The STS/Intermacs 2019 Annual Report. <i>Annals of Thoracic Surgery</i> , 2020, 110, 1783.	0.7	2
116	Committee Recommendations for Resuming Cardiac Surgery Activity in the SARS-CoV-2 Era: Guidance From an International Cardiac Surgery Consortium. <i>Annals of Thoracic Surgery</i> , 2020, 110, 725-732.	0.7	21
117	Characteristics of Contemporary Randomized Clinical Trials and Their Association With the Trial Funding Source in Invasive Cardiovascular Interventions. <i>JAMA Internal Medicine</i> , 2020, 180, 993.	2.6	34
118	Incidence of acute type A aortic dissection in emergency departments. <i>Scientific Reports</i> , 2020, 10, 7434.	1.6	42
119	Cardiac electrophysiology: purpose tailored animal models for complex conditions. <i>European Heart Journal</i> , 2020, 41, 2037-2037.	1.0	1
120	Transatlantic editorial: the use of multiple arterial grafts for coronary revascularization in Europe and North America. <i>European Journal of Cardio-thoracic Surgery</i> , 2020, 57, 1032-1037.	0.6	11
121	Transatlantic editorial: The use of multiple arterial grafts for coronary revascularization in Europe and North America. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 159, 2254-2259.	0.4	4
122	Transatlantic Editorial: The Use of Multiple Arterial Grafts for Coronary Revascularization in Europe and North America. <i>Annals of Thoracic Surgery</i> , 2020, 109, 1631-1636.	0.7	9
123	Reliability and Influence on Decision Making of fully-automated vs. semi-automated Software Packages for Procedural Planning in TAVI. <i>Scientific Reports</i> , 2020, 10, 10746.	1.6	10
124	Longest Ongoing Support (13 Years) with Magnetically Levitated Left Ventricular Assist Device. <i>ASAIO Journal</i> , 2020, 66, e121-e122.	0.9	5
125	Global work index correlates with established prognostic parameters of heart failure. <i>Echocardiography</i> , 2020, 37, 412-420.	0.3	24
126	Computed Tomography and Fluoroscopic Angiography in Management of Left Ventricular Assist Device Outflow Graft Obstruction. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 2036-2042.	2.3	12

#	ARTICLE	IF	CITATIONS
127	Retrospective 1-year outcome follow-up in 200 patients supported with HeartMate 3 and HeartWare left ventricular assist devices in a single centre. <i>European Journal of Cardio-thoracic Surgery</i> , 2020, 57, 1160-1165.	0.6	14
128	<i>Aerococcus urinae</i> – A potent biofilm builder in endocarditis. <i>PLoS ONE</i> , 2020, 15, e0231827.	1.1	10
129	Acute type A aortic dissection: Aortic Dissection Detection Risk Score in emergency care – surgical delay because of initial misdiagnosis. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2020, 9, S40-S47.	0.4	31
130	MicroRNA Mediated Cardioprotection – Is There a Path to Clinical Translation?. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 149.	2.0	9
131	Computed Tomography-based evaluation of porcine cardiac dimensions to assist in pre-study planning and optimized model selection for pre-clinical research. <i>Scientific Reports</i> , 2020, 10, 6020.	1.6	9
132	A reimplantation valve-sparing root replacement (T. David-V) and aortic valve repair procedure in a patient with Marfan syndrome. , 2020, 2020, .		1
133	Cocaine-Related Aortic Dissection: what do we know?. <i>Brazilian Journal of Cardiovascular Surgery</i> , 2020, 35, 764-769.	0.2	8
134	Using position-based dynamics to simulate deformation in aortic valve replacement procedure. <i>Current Directions in Biomedical Engineering</i> , 2020, 6, .	0.2	2
135	Minimally invasive surgical aortic valve replacement through a right anterolateral thoracotomy. , 2020, 2020, .		1
136	New Hybrid Prosthesis for Acute Type A Aortic Dissection. <i>Surgical Technology International</i> , 2020, 36, 95-97.	0.1	9
137	2018 ESC/EACTS Guidelines on myocardial revascularization. <i>European Heart Journal</i> , 2019, 40, 87-165.	1.0	4,537
138	Considerations for the choice between coronary artery bypass grafting and percutaneous coronary intervention as revascularization strategies in major categories of patients with stable multivessel coronary artery disease: an accompanying article of the task force of the 2018 ESC/EACTS guidelines on myocardial revascularization. <i>European Heart Journal</i> , 2019, 40, 204-212.	1.0	59
139	Multiarterial grafting in coronary artery bypass grafting. <i>European Heart Journal</i> , 2019, 40, 2479-2481.	1.0	1
140	Surrogates for myocardial power and power efficiency in patients with aortic valve disease. <i>Scientific Reports</i> , 2019, 9, 16407.	1.6	6
141	Artificial intelligence-assisted care in medicine: a revolution or yet another blunt weapon?. <i>European Heart Journal</i> , 2019, 40, 3286-3289.	1.0	6
142	Externalized conductor of a Kentrox lead and an unexpected insulation failure. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2019, 29, 484-486.	0.5	1
143	Endovascular treatment of acute type A aortic dissection in a nonagenarian: stabilization of a short covered stent using a bare-metal stent. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2019, 29, 978-980.	0.5	3
144	Incidence and characteristics of left atrial appendage stumps after device-enabled epicardial closure. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2019, 29, 663-669.	0.5	18

#	ARTICLE	IF	CITATIONS
145	The DEDICATE Trial. <i>European Heart Journal</i> , 2019, 40, 331-333.	1.0	13
146	Transcatheter versus surgical aortic valve replacement: what does the latest evidence tell us?. <i>European Journal of Cardio-thoracic Surgery</i> , 2019, 56, 7-9.	0.6	6
147	The role of fibroblast " Cardiomyocyte interaction for atrial dysfunction in HFpEF and hypertensive heart disease. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 131, 53-65.	0.9	15
148	Effect of ultra-short-term treatment of patients with iron deficiency or anaemia undergoing cardiac surgery: a prospective randomised trial. <i>Lancet, The</i> , 2019, 393, 2201-2212.	6.3	250
149	Exercise training in patients with a left ventricular assist device (ExVAD): rationale and design of a multicentre, prospective, assessor-blinded, randomized, controlled trial. <i>European Journal of Heart Failure</i> , 2019, 21, 1152-1159.	2.9	19
150	Temporary mechanical circulatory support for refractory heart failure: the German Heart Center Berlin experience. <i>Annals of Cardiothoracic Surgery</i> , 2019, 8, 76-83.	0.6	34
151	Transcatheter aortic valve replacement for pure aortic valve regurgitation: "on-label"versus "off-label" use of TAVR devices. <i>Clinical Research in Cardiology</i> , 2019, 108, 921-930.	1.5	41
152	What will surgical coronary revascularization look like in 25 years?. <i>Current Opinion in Cardiology</i> , 2019, 34, 637-644.	0.8	2
153	Minimally invasive approach for infective mitral valve endocarditis. <i>Annals of Cardiothoracic Surgery</i> , 2019, 8, 702-704.	0.6	10
154	The AngioVac system as a bail-out option in infective valve endocarditis. <i>Annals of Cardiothoracic Surgery</i> , 2019, 8, 675-677.	0.6	26
155	A Novel Technique for Transcatheter Aortic Valve Replacement in Pure Aortic Regurgitation. <i>Annals of Thoracic Surgery</i> , 2019, 107, e177-e179.	0.7	5
156	Long-term results after the Ross procedure with the decellularized AutoTissue Matrix PÂ® bioprosthesis used for pulmonary valve replacement. <i>European Journal of Cardio-thoracic Surgery</i> , 2019, 55, 885-892.	0.6	25
157	Outcomes from a recovery protocol for patients with continuous-flow left ventricular assist devices. <i>Journal of Heart and Lung Transplantation</i> , 2019, 38, 440-448.	0.3	33
158	Longitudinal strain under dobutamine stress echocardiography in patient with light chain cardiac amyloidosis. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 486-486.	0.5	1
159	Predictors of mid-term outcomes in patients undergoing implantation of a ventricular assist device directly after extracorporeal life support. <i>European Journal of Cardio-thoracic Surgery</i> , 2019, 55, 773-779.	0.6	27
160	Transcatheter Valve-in-Valve and Valve-in-Ring Interventions for Failing Bioprostheses and Annuloplasty Rings. <i>Surgical Technology International</i> , 2019, 34, 313-320.	0.1	0
161	ConVes: The Sutureless Aortic Graft Anastomotic Device. <i>Annals of Thoracic Surgery</i> , 2018, 105, 1558-1562.	0.7	1
162	Interventional Treatment of Severe Tricuspid Regurgitation. <i>Circulation: Cardiovascular Interventions</i> , 2018, 11, e006061.	1.4	101

#	ARTICLE	IF	CITATIONS
163	Surgical device-enabled epicardial LAA closure to achieve safe, complete, and durable LAA occlusion. <i>Nature Reviews Cardiology</i> , 2018, 15, 191-191.	6.1	1
164	Importance of Contrast Aortography WithÂ Lotus Transcatheter Aortic Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 119-128.	1.1	14
165	An overview of surgical treatment modalities and emerging transcatheter interventions in the management of tricuspid valve regurgitation. <i>Expert Review of Cardiovascular Therapy</i> , 2018, 16, 75-89.	0.6	18
166	Incidence and Predictors of Postoperative Need for High-Dose Inotropic Support in Patients Undergoing Cardiac Surgery for Infective Endocarditis. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2018, 32, 2528-2536.	0.6	15
167	Epicardial left atrial appendage AtriClip occlusion reduces the incidence of stroke in patients with atrial fibrillation undergoing cardiac surgery. <i>Europace</i> , 2018, 20, e105-e114.	0.7	68
168	Life on the driveline: Molecular detection and fluorescence in situ hybridization-based visualization of microbial species in patients with left ventricular assist devices. <i>Journal of Heart and Lung Transplantation</i> , 2018, 37, 163-166.	0.3	8
169	Late post-pump blood flow obstruction in a novel left ventricular assist device: The unusual case of a twisted outflow graft. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 155, e33-e35.	0.4	28
170	Myocardial Revascularization Trials. <i>Circulation</i> , 2018, 138, 2943-2951.	1.6	46
171	Machine learning for real-time prediction of complications in critical care: a retrospective study. <i>Lancet Respiratory Medicine</i> , 2018, 6, 905-914.	5.2	226
172	Managing large lead vegetations in transvenous lead extractions using a percutaneous aspiration technique. <i>Expert Review of Medical Devices</i> , 2018, 15, 757-761.	1.4	15
173	Is what you see all there is?. <i>European Journal of Cardio-thoracic Surgery</i> , 2018, 54, 797-799.	0.6	0
174	Strategy for surgical correction and mitigation of outflow graft twist with a centrifugal-flow left ventricular assist system. <i>Journal of Heart and Lung Transplantation</i> , 2018, 37, 670-673.	0.3	36
175	Towards a Novel Patch Material for Cardiac Applications: Tissue-Specific Extracellular Matrix Introduces Essential Key Features to Decellularized Amniotic Membrane. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1032.	1.8	34
176	Two implantable continuous-flow ventricular assist devices in a biventricular configuration: technique and results. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2018, 27, 938-942.	0.5	23
177	Adjusting preoperative risk models of post heart transplant survival to a European cohort in the age of a new cardiac allocation score in Europe. <i>Heart Surgery Forum</i> , 2018, 21, E527-E533.	0.2	4
178	Heart Failure After 5 Years on LVAD: Diagnosis and Treatment of Outflow Graft Obstruction. <i>ASAIO Journal</i> , 2017, 63, e1-e2.	0.9	14
179	Postoperative analysis of the mechanical interaction between stent and host tissue in patients after transcatheter aortic valve implantation. <i>Journal of Biomechanics</i> , 2017, 53, 15-21.	0.9	16
180	Redo procedures for degenerated stentless aortic xenografts and the role of valve-in-valve transcatheter techniques. <i>European Journal of Cardio-thoracic Surgery</i> , 2017, 51, ezw397.	0.6	18

#	ARTICLE	IF	CITATIONS
181	Ticagrelor, but not clopidogrel active metabolite, displays antithrombotic properties in the left atrial endocardium. <i>European Heart Journal</i> , 2017, 38, ehw578.	1.0	9
182	Results of mitral valve repair with an adjustable annuloplasty ring 2Âyears after implantation. <i>Heart and Vessels</i> , 2017, 32, 843-849.	0.5	4
183	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
184	Facile endothelium protection from TNF-Î± inflammatory insult with surface topography. <i>Biomaterials</i> , 2017, 138, 131-141.	5.7	17
185	The flaws in the detail of an observational study on transcatheter aortic valve implantation versus surgical aortic valve replacement in intermediate-risks patients. <i>European Journal of Cardio-thoracic Surgery</i> , 2017, 51, 1031-1035.	0.6	16
186	Re: â€˜Two minds with but a single thought â€ â€™. <i>European Journal of Cardio-thoracic Surgery</i> , 2017, 51, 192.2-192.	0.6	0
187	Safety and efficacy of cardiopoietic stem cells in the treatment of post-infarction left-ventricular dysfunction â€˜ From cardioprotection to functional repair in a translational pig infarction model. <i>Biomaterials</i> , 2017, 122, 48-62.	5.7	28
188	Comparison of 1-Year Survival and Frequency of Paravalvular Leakage Using the Sapien 3 Versus the Sapien XT for Transcatheter Aortic Valve Implantation for Aortic Stenosis. <i>American Journal of Cardiology</i> , 2017, 120, 2247-2255.	0.7	15
189	2017 ESC/EACTS Guidelines for the management of valvular heart disease. <i>European Journal of Cardio-thoracic Surgery</i> , 2017, 52, 616-664.	0.6	510
190	2017 ESC/EACTS Guidelines for the management of valvular heart disease. <i>European Heart Journal</i> , 2017, 38, 2739-2791.	1.0	5,142
191	A Soft Total Artificial Heartâ€™First Concept Evaluation on a Hybrid Mock Circulation. <i>Artificial Organs</i> , 2017, 41, 948-958.	1.0	67
192	Interventional and surgical occlusion of the left atrial appendage. <i>Nature Reviews Cardiology</i> , 2017, 14, 727-743.	6.1	35
193	Safety and efficacy of a repositionable and fully retrievable aortic valve used in routine clinical practice: the RESPOND Study. <i>European Heart Journal</i> , 2017, 38, 3359-3366.	1.0	68
194	The Ross Procedure in Adults: Long-Term Results of Homografts and Stentless Xenografts for Pulmonary Valve Replacement. <i>Thoracic and Cardiovascular Surgeon</i> , 2017, 65, 656-661.	0.4	7
195	Off-pump implantation of the HeartMate 3 left ventricular assist device through a bilateral thoracotomy approach. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 153, 104-105.	0.4	23
196	Processing of Human Cardiac Tissue Toward Extracellular Matrix Self-assembling Hydrogel for In Vitro and In Vivo Applications. <i>Journal of Visualized Experiments</i> , 2017, , .	0.2	7
197	Standards defining a â€˜Heart Valve Centreâ€™™: ESC Working Group on Valvular Heart Disease and European Association for Cardiothoracic Surgery Viewpoint. <i>European Heart Journal</i> , 2017, 38, 2177-2183.	1.0	83
198	Left Ventricular Assist Devices: Challenges Toward Sustaining Long-Term Patient Care. <i>Annals of Biomedical Engineering</i> , 2017, 45, 1836-1851.	1.3	42

#	ARTICLE	IF	CITATIONS
199	Minimally Invasive Surgical Mitral Valve Repair: State of the Art Review. <i>Interventional Cardiology Review</i> , 2017, 13, 14.	0.7	56
200	Frailty Assessed by the Forecast is a Valid Tool to Predict Short-Term Outcome after Transcatheter Aortic Valve Replacement. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2016, 11, 407-413.	0.4	5
201	Mechanical Circulatory Support: Heart Failure Therapy –in Motion–. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2016, 11, 305-314.	0.4	0
202	2016 ESC Guidelines for the diagnosis and treatment of acute and chronic heart failure. <i>European Heart Journal</i> , 2016, 37, 2129-2200.	1.0	13,008
203	Survival, Neurologic Injury, and Kidney Function after Surgery for Acute Type A Aortic Dissection. <i>Thoracic and Cardiovascular Surgeon</i> , 2016, 64, 100-107.	0.4	16
204	Biventricular support using 2 HeartMate 3 pumps. <i>Journal of Heart and Lung Transplantation</i> , 2016, 35, 1268-1270.	0.3	40
205	Endothelialization of Rationally Microtextured Surfaces with Minimal Cell Seeding Under Flow. <i>Small</i> , 2016, 12, 4113-4126.	5.2	15
206	Contemporary management of acute right ventricular failure: a statement from the Heart Failure Association and the Working Group on Pulmonary Circulation and Right Ventricular Function of the European Society of Cardiology. <i>European Journal of Heart Failure</i> , 2016, 18, 226-241.	2.9	455
207	2016 ESC Guidelines for the diagnosis and treatment of acute and chronic heart failure. <i>European Journal of Heart Failure</i> , 2016, 18, 891-975.	2.9	5,272
208	EACTS clinical statement: guidance for the provision of adult cardiac surgery: Table 1:. <i>European Journal of Cardio-thoracic Surgery</i> , 2016, 50, 1006-1009.	0.6	27
209	Surgical management of driveline infections in patients with left ventricular assist devices. <i>Journal of Cardiac Surgery</i> , 2016, 31, 765-771.	0.3	22
210	The cytoprotective capacity of processed human cardiac extracellular matrix. <i>Journal of Materials Science: Materials in Medicine</i> , 2016, 27, 120.	1.7	20
211	Diagnosis and Treatment Algorithm for Blood Flow Obstructions in Patients With Left Ventricular Assist Device. <i>Journal of the American College of Cardiology</i> , 2016, 67, 2758-2768.	1.2	117
212	The value of surgeon-specific outcome data: results of a questionnaire: Table 1:. <i>European Journal of Cardio-thoracic Surgery</i> , 2016, 50, 196-200.	0.6	9
213	Long-term follow-up after aortic root replacement with the Shelhigh® biological valved conduit: a word of caution!. <i>European Journal of Cardio-thoracic Surgery</i> , 2016, 50, 1172-1178.	0.6	14
214	Left Main Artery Thrombus Complicating Heart Transplantation in a Patient With Heparin-Induced Thrombocytopenia. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2016, 30, 1334-1336.	0.6	5
215	Two- and three-dimensional transoesophageal echocardiography in large swine used as model for transcatheter heart valve therapies: standard planes and values. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2016, 22, 580-586.	0.5	11
216	Multislice computed tomography-guided surgical repair of acquired posterior left ventricular aneurysms: demonstration of mitral valve and left ventricular reverse remodelling. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2016, 23, 383-390.	0.5	3

#	ARTICLE	IF	CITATIONS
217	Decellularized amniotic membrane attenuates postinfarct left ventricular remodeling. <i>Journal of Surgical Research</i> , 2016, 200, 409-419.	0.8	31
218	Surgical and interventional management of mitral valve regurgitation: a position statement from the European Society of Cardiology Working Groups on Cardiovascular Surgery and Valvular Heart Disease. <i>European Heart Journal</i> , 2016, 37, 133-139.	1.0	75
219	Moderate hypothermia during <i>ex vivo</i> machine perfusion promotes recovery of hearts donated after cardiocirculatory death. <i>European Journal of Cardio-thoracic Surgery</i> , 2016, 49, 25-31.	0.6	27
220	A simple and accurate method for computer-aided transapical aortic valve replacement. <i>Computerized Medical Imaging and Graphics</i> , 2016, 50, 31-41.	3.5	23
221	Long-Term Outcome of the Sorin Freedom SOLO Stentless Aortic Valve. <i>Journal of Heart Valve Disease</i> , 2016, 25, 679-684.	0.5	2
222	Robot-assisted training for heart failure patients - a small pilot study. <i>Acta Cardiologica</i> , 2015, 70, 665-671.	0.3	7
223	Robot-Assisted Training Early After Cardiac Surgery. <i>Journal of Cardiac Surgery</i> , 2015, 30, 574-580.	0.3	6
224	Calcification Characteristics of Low-Flow Low-Gradient Severe Aortic Stenosis in Patients Undergoing Transcatheter Aortic Valve Replacement. <i>Cardiology Research and Practice</i> , 2015, 2015, 1-8.	0.5	2
225	Healthcare-associated prosthetic heart valve, aortic vascular graft, and disseminated <i>Mycobacterium chimaera</i> infections subsequent to open heart surgery. <i>European Heart Journal</i> , 2015, 36, 2745-2753.	1.0	216
226	Compression coil provides increased lead control in extraction procedures. <i>Europace</i> , 2015, 17, 499-503.	0.7	8
227	Cerebral protection system applied during washout of thrombus occluding inflow cannula of HeartWare HVAD left ventricular assist device. <i>Journal of Heart and Lung Transplantation</i> , 2015, 34, 1640-1641.	0.3	12
228	Open vs. Minimally Invasive Mitral Valve Surgery: Surgical Technique, Indications and Results. <i>Cardiovascular Engineering and Technology</i> , 2015, 6, 160-166.	0.7	24
229	The Potential Impact of Functional Imaging on Decision Making and Outcome in Patients Undergoing Surgical Revascularization. <i>Thoracic and Cardiovascular Surgeon</i> , 2015, 63, 270-276.	0.4	1
230	Mid-Term Outcomes of Minimally Invasive Direct Coronary Artery Bypass Grafting. <i>Thoracic and Cardiovascular Surgeon</i> , 2015, 63, 313-318.	0.4	10
231	Left ventricular vs. biventricular mechanical support: Decision making and strategies for avoidance of right heart failure after left ventricular assist device implantation. <i>International Journal of Cardiology</i> , 2015, 198, 241-250.	0.8	68
232	Extracellular matrix for reconstruction of cardiac structures after tumour resections. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2015, 20, 10-14.	0.5	4
233	Increased prothrombotic profile in the left atrial appendage of atrial fibrillation patients. <i>International Journal of Cardiology</i> , 2015, 185, 250-255.	0.8	15
234	Prolonged Outbreak of <i>Mycobacterium chimaera</i> Infection After Open-Chest Heart Surgery. <i>Clinical Infectious Diseases</i> , 2015, 61, 67-75.	2.9	336

#	ARTICLE	IF	CITATIONS
235	Recurrent Clotting of a Continuous-Flow Right Ventricular Assist Device—Repeated Thrombolysis With Two Different Protocols. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2015, 29, 1614-1617.	0.6	5
236	Aortic valve calcium score is a significant predictor for the occurrence of post-interventional paravalvular leakage after transcatheter aortic valve implantation — Results from a single center analysis of 260 consecutive patients. <i>International Journal of Cardiology</i> , 2015, 181, 185-187.	0.8	9
237	Recovery of donor hearts after circulatory death with normothermic extracorporeal machine perfusion. <i>European Journal of Cardio-thoracic Surgery</i> , 2015, 47, 173-179.	0.6	16
238	Pancreatic Stone Protein Predicts Postoperative Infection in Cardiac Surgery Patients Irrespective of Cardiopulmonary Bypass or Surgical Technique. <i>PLoS ONE</i> , 2015, 10, e0120276.	1.1	19
239	Simulated Prosthesis Overlay for Patient-Specific Planning of Transcatheter Aortic Valve Implantation Procedures. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2015, 10, 314-322.	0.4	0
240	Abstract 19675: Management of Pump Thrombosis in Heartware Hvac Patients. <i>Circulation</i> , 2015, 132, .	1.6	0
241	Transcatheter Aortic Valve Replacement Indications Should Not Be Expanded to Lower-Risk and Younger Patients. <i>Circulation</i> , 2014, 130, 2332-2342.	1.6	13
242	Use of Extracellular Matrix Materials in Patients with Endocarditis. <i>Thoracic and Cardiovascular Surgeon</i> , 2014, 62, 076-079.	0.4	25
243	Experience with a “Hotline” Service for Outpatients on a Ventricular Assist Device. <i>Thoracic and Cardiovascular Surgeon</i> , 2014, 62, 409-413.	0.4	6
244	Completely Epicardial Implantation of a Cardiac Resynchronization Therapy Defibrillator Using a Minimal Invasive Approach. <i>Thoracic and Cardiovascular Surgeon</i> , 2014, 62, 070-072.	0.4	2
245	TAVI in a low left main coronary artery ostium and wide aortic sinus of Valsava. <i>European Heart Journal</i> , 2014, 35, 1791-1791.	1.0	1
246	Safe, effective and durable epicardial left atrial appendage clip occlusion in patients with atrial fibrillation undergoing cardiac surgery: first long-term results from a prospective device trial. <i>European Journal of Cardio-thoracic Surgery</i> , 2014, 45, 126-131.	0.6	114
247	Diastolic Aorto—Right-Atrial Fistulation in Aortic and Tricuspid Valve Endocarditis. <i>The Thoracic and Cardiovascular Surgeon Reports</i> , 2014, 03, 019-022.	0.1	3
248	2014 ESC/EACTS Guidelines on myocardial revascularization. <i>European Journal of Cardio-thoracic Surgery</i> , 2014, 46, 517-592.	0.6	2,164
249	Does body mass index impact the early outcome of surgical revascularization? A comparison between off-pump and on-pump coronary artery bypass grafting. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2014, 19, 749-755.	0.5	7
250	Mitral valve surgery: Right lateral minithoracotomy or sternotomy? A systematic review and meta-analysis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 148, 1989-1995.e4.	0.4	106
251	Surviving 20 Years After Heart Transplantation: A Success Story. <i>Annals of Thoracic Surgery</i> , 2014, 97, 499-504.	0.7	24
252	Novel Emboli Protection System During Cardiac Surgery: A Multi-Center, Randomized, Clinical Trial. <i>Annals of Thoracic Surgery</i> , 2014, 98, 1627-1634.	0.7	20

#	ARTICLE	IF	CITATIONS
253	Toward a Rational Design of Surface Textures Promoting Endothelialization. Nano Letters, 2014, 14, 1069-1079.	4.5	61
254	The influence of surface micro-structure on endothelialization under supraphysiological wall shear stress. Biomaterials, 2014, 35, 8479-8486.	5.7	40
255	2014 ESC/EACTS Guidelines on myocardial revascularization. European Heart Journal, 2014, 35, 2541-2619.	1.0	4,141
256	2014 ESC Guidelines on the diagnosis and treatment of aortic diseases. European Heart Journal, 2014, 35, 2873-2926.	1.0	3,549
257	The Cor-Knot Device May Serve as an Ideal Radiopaque Marker of the Annular Plane for Future Valve-in-Valve Implantation. Annals of Thoracic Surgery, 2014, 98, 1485-1486.	0.7	6
258	Transcatheter Implantation of Homologous "Off-the-Shelf" Tissue-Engineered Heart Valves With Self-Repair Capacity. Journal of the American College of Cardiology, 2014, 63, 1320-1329.	1.2	170
259	Rehabilitation after TAVI compared to surgical aortic valve replacement. International Journal of Cardiology, 2014, 173, 564-566.	0.8	27
260	Obesity Should Not Deter a Surgeon from Selecting a Minimally Invasive Approach for Mitral Valve Surgery. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2013, 8, 225-229.	0.4	3
261	Outcome of Patients Treated with Engager Transapical Aortic Valve Implantation. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2013, 8, 332-336.	0.4	0
262	Chordae replacement versus leaflet resection in minimally invasive mitral valve repair. Annals of Cardiothoracic Surgery, 2013, 2, 809-13.	0.6	16
263	Results of transvenous lead extraction of coronary sinus leads in patients with cardiac resynchronization therapy. Chinese Medical Journal, 2013, 126, 4703-6.	0.9	3
264	The danger of conversion. European Journal of Cardio-thoracic Surgery, 2012, 41, 300-301.	0.6	0
265	Guidelines on the management of valvular heart disease (version 2012). European Journal of Cardio-thoracic Surgery, 2012, 42, S1-S44.	0.6	1,313
266	Autologous Bone Marrow Mononuclear Cell-Based Tissue Engineered Heart Valves: First Experiences with a One-step Intervention in Primates. , 2012, , .		0
267	Marrow Stromal Cell based Stem Cell Based Transcatheter Aortic Valve Implantation: First Experiences in a Preclinical Model. , 2012, , .		0
268	Minimally Invasive versus Conventional Open Mitral Valve Surgery a Meta-Analysis and Systematic Review. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2011, 6, 84-103.	0.4	272
269	Three-dimensional template-based planning for transapical aortic valve implantation. Journal of Thoracic and Cardiovascular Surgery, 2011, 141, 1541-1543.	0.4	9
270	Image-Guided Transapical Aortic Valve Implantation Sensorless Tracking of Stenotic Valve Landmarks in Live Fluoroscopic Images. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2011, 6, 231-236.	0.4	2

#	ARTICLE	IF	CITATIONS
271	Comparison of outcomes of minimally invasive mitral valve surgery for posterior, anterior and bileaflet prolapse†. European Journal of Cardio-thoracic Surgery, 2009, 36, 532-538.	0.6	122
272	How does the use of polytetrafluoroethylene neochordae for posterior mitral valve prolapse (loop) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Cardiovascular Surgery, 2008, 136, 1200-1206.	0.4	187
273	Influence of Inflow Cannula Length in Axial-flow Pumps on Neurologic Adverse Event Rate: Results From a Multi-center Analysis. Journal of Heart and Lung Transplantation, 2008, 27, 253-260.	0.3	63
274	Minimal invasive mitral valve repair for mitral regurgitation: results of 1339 consecutive patients†. European Journal of Cardio-thoracic Surgery, 2008, 34, 760-765.	0.6	260
275	State of the Art Review: Surgical Treatment of Acute Type A Aortic Dissection. Surgical Technology International, 0, , .	0.1	3
276	Surgical Implantation Techniques of Modern Continuous Flow Ventricular Assist Devices. Surgical Technology International, 0, , .	0.1	0