

Dominik Wiedemann

List of Publications by Citations

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

147
papers

1,964
citations

25
h-index

39
g-index

175
ext. papers

2,414
ext. citations

2.7
avg, IF

4.43
L-index

#	Paper	IF	Citations
147	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, 110-5; discussion 115-6	1.5	163
146	Five hundred cases of robotic totally endoscopic coronary artery bypass grafting: predictors of success and safety. <i>Annals of Thoracic Surgery</i> , 2013 , 95, 803-12	2.7	106
145	Quality of life improvement after robotically assisted coronary artery bypass grafting. <i>Cardiology</i> , 2009 , 114, 59-66	1.6	80
144	Effect of hemoadsorption during cardiopulmonary bypass surgery - a blinded, randomized, controlled pilot study using a novel adsorbent. <i>Critical Care</i> , 2016 , 20, 96	10.8	77
143	The angiogenic factor secretoneurin induces coronary angiogenesis in a model of myocardial infarction by stimulation of vascular endothelial growth factor signaling in endothelial cells. <i>Circulation</i> , 2012 , 126, 2491-501	16.7	71
142	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, 2854-60	1.5	55
141	Effectiveness and safety of total endoscopic left internal mammary artery bypass graft to the left anterior descending artery. <i>American Journal of Cardiology</i> , 2009 , 104, 1684-8	3	54
140	Characteristics of TAV- and BAV-associated thoracic aortic aneurysms--smooth muscle cell biology, expression profiling, and histological analyses. <i>Atherosclerosis</i> , 2012 , 220, 355-61	3.1	51
139	Effect of cerebral protection strategy on outcome of patients with Stanford type A aortic dissection. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013 , 146, 647-55.e1	1.5	46
138	Increased Thromboembolic Events With Dabigatran Compared With Vitamin K Antagonism in Left Ventricular Assist Device Patients: A Randomized Controlled Pilot Trial. <i>Circulation: Heart Failure</i> , 2017 , 10,	7.6	45
137	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	1.8	44
136	Surgical problems and complex procedures: issues for operative time in robotic totally endoscopic coronary artery bypass grafting. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2012 , 143, 639-647.e2	1.5	39
135	Primary cardiac tumors on the verge of oblivion: a European experience over 15 years. <i>Journal of Cardiothoracic Surgery</i> , 2015 , 10, 56	1.6	39
134	Training surgeons to perform robotically assisted totally endoscopic coronary surgery. <i>Annals of Thoracic Surgery</i> , 2009 , 88, 523-7	2.7	39
133	The fibrin-derived peptide Bbeta(15-42) significantly attenuates ischemia-reperfusion injury in a cardiac transplant model. <i>Transplantation</i> , 2010 , 89, 824-9	1.8	39
132	Predictors, causes, and consequences of conversions in robotically enhanced totally endoscopic coronary artery bypass graft surgery. <i>Annals of Thoracic Surgery</i> , 2011 , 91, 647-53	2.7	36
131	Ex-vivo expanded umbilical cord blood stem cells retain capacity for myocardial regeneration. <i>Circulation Journal</i> , 2010 , 74, 188-94	2.9	36

130	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, 409-13; discussion 413-4	3	34
129	Immediate, single stage, truly anatomic zirconia implant in lower molar replacement: a case report with 2.5 years follow-up. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2011 , 40, 212-6	2.9	33
128	Thoracic endovascular aortic repair in 300 patients: long-term results. <i>Annals of Thoracic Surgery</i> , 2013 , 95, 1577-83	2.7	32
127	Leoligin, the major lignan from Edelweiss, inhibits intimal hyperplasia of venous bypass grafts. <i>Cardiovascular Research</i> , 2009 , 82, 542-9	9.9	31
126	A single-center experience with the ross procedure over 20 years. <i>Annals of Thoracic Surgery</i> , 2014 , 97, 182-8	2.7	30
125	Early outcomes after isolated aortic valve replacement with rapid deployment aortic valve. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016 , 151, 1639-47	1.5	29
124	Type A aortic dissection after nonaortic cardiac surgery. <i>Circulation</i> , 2013 , 128, 1602-11	16.7	27
123	A rare case of primary cardiac B cell lymphoma. <i>Journal of Cardiothoracic Surgery</i> , 2014 , 9, 14	1.6	26
122	The elderly patient and cardiac surgery - a mini-review. <i>Gerontology</i> , 2010 , 56, 241-9	5.5	24
121	Duration of extracorporeal membrane oxygenation support and survival in cardiovascular surgery patients. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018 , 155, 2471-2476	1.5	23
120	Robotic total endoscopic double-vessel coronary artery bypass grafting--state of procedure development. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2012 , 144, 1061-6	1.5	23
119	Intermediate-term outcome of 500 consecutive rapid-deployment surgical aortic valve procedures. <i>European Journal of Cardio-thoracic Surgery</i> , 2019 , 55, 527-533	3	23
118	Emergency endovascular stent grafting in acute complicated type B dissection. <i>Journal of Vascular Surgery</i> , 2014 , 60, 1204-1208	3.5	21
117	Cardioprotection: a review of current practice in global ischemia and future translational perspective. <i>BioMed Research International</i> , 2014 , 2014, 325725	3	21
116	Comparable long-term results for porcine and pericardial prostheses after isolated aortic valve replacement. <i>European Journal of Cardio-thoracic Surgery</i> , 2015 , 48, 557-61	3	19
115	Factors influencing blood transfusion requirements in robotic totally endoscopic coronary artery bypass grafting on the arrested heart. <i>European Journal of Cardio-thoracic Surgery</i> , 2011 , 39, 262-7	3	19
114	Does obesity affect operative times and perioperative outcome of patients undergoing totally endoscopic coronary artery bypass surgery?. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2009 , 9, 214-7	1.8	18
113	Cardiac arrest does not affect survival in post-operative cardiovascular surgery patients undergoing extracorporeal membrane oxygenation. <i>Resuscitation</i> , 2016 , 104, 24-7	4	17

112	Perivascular administration of drugs and genes as a means of reducing vein graft failure. <i>Current Opinion in Pharmacology</i> , 2012 , 12, 203-16	5.1	16
111	Continuous LVAD monitoring reveals high suction rates in clinically stable outpatients. <i>Artificial Organs</i> , 2020 , 44, E251-E262	2.6	15
110	Innovative, simplified orthotopic lung transplantation in rats. <i>Journal of Surgical Research</i> , 2013 , 185, 419-25	2.5	14
109	Influence of preoperative serum N-terminal pro-brain type natriuretic peptide on the postoperative outcome and survival rates of coronary artery bypass patients. <i>Clinics</i> , 2010 , 65, 1239-45	2.3	14
108	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	3	13
107	Effect of cytomegalovirus immunoglobulin on the incidence of lymphoproliferative disease after lung transplantation: single-center experience with 1157 patients. <i>Transplantation</i> , 2013 , 95, 766-72	1.8	13
106	Pancreatic graft survival despite partial vascular graft thrombosis due to splenocephalic anastomoses. <i>American Journal of Transplantation</i> , 2010 , 10, 846-851	8.7	12
105	Comparative Analysis of Perioperative and Mid-Term Results of TECAB and MIDCAB for Revascularization of Anterior Wall. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2017 , 12, 207-213	1.5	11
104	Antithymocyte globulin induction therapy improves survival in lung transplantation for cystic fibrosis. <i>Transplant International</i> , 2013 , 26, 34-41	3	11
103	Distal leg protection for peripheral cannulation in minimally invasive and totally endoscopic cardiac surgery. <i>Heart Surgery Forum</i> , 2009 , 12, E158-62	0.7	11
102	Watershed of veno-arterial extracorporeal life support. <i>European Journal of Cardio-thoracic Surgery</i> , 2016 , 50, 785	3	10
101	Bilirubin rinse of the graft ameliorates ischemia reperfusion injury in heart transplantation. <i>Transplant International</i> , 2014 , 27, 504-13	3	10
100	Major risk stratification models do not predict perioperative outcome after coronary artery bypass grafting in patients with previous percutaneous intervention. <i>European Journal of Cardio-thoracic Surgery</i> , 2011 , 39, e164-9	3	10
99	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, 383-4	3.2	10
98	A Standardized Telephone Intervention Algorithm Improves the Survival of Ventricular Assist Device Outpatients. <i>Artificial Organs</i> , 2018 , 42, 961-969	2.6	9
97	Robotic totally endoscopic coronary artery bypass grafting in men and women: are there sex differences in outcome?. <i>Annals of Thoracic Surgery</i> , 2013 , 96, 1643-7	2.7	9
96	Impact of Right Ventricular Performance in Patients Undergoing Extracorporeal Membrane Oxygenation Following Cardiac Surgery. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	9
95	Inhibition of cell surface expression of endothelial adhesion molecules by ursolic acid prevents intimal hyperplasia of venous bypass grafts in rats. <i>European Journal of Cardio-thoracic Surgery</i> , 2012 , 42, 878-84	3	9

94	5-Methoxyeoligin, a lignan from Edelweiss, stimulates CYP26B1-dependent angiogenesis in vitro and induces arteriogenesis in infarcted rat hearts in vivo. <i>PLoS ONE</i> , 2013 , 8, e58342	3.7	9
93	Sternotomy Sparing Thoratec HeartMate 3 Implantation Via Bilateral Minithoracotomy. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2018 , 13, 74-76	1.5	8
92	Interventional Treatment of LVAD Outflow Graft Stenosis by Introduction of Bare Metal Stents. <i>ASAIO Journal</i> , 2018 , 64, e3-e7	3.6	8
91	Impact of Bleeding Revision on Outcomes After Left Ventricular Assist Device Implantation. <i>Annals of Thoracic Surgery</i> , 2019 , 108, 517-523	2.7	8
90	Materialization of ghosts: severe intracardiac masses after pacemaker lead extraction requiring immediate surgical intervention. <i>Heart Rhythm</i> , 2013 , 10, 1826	6.7	8
89	Left ventricular assist device driveline infections in three contemporary devices. <i>Artificial Organs</i> , 2021 , 45, 464-472	2.6	8
88	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	3	7
87	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	2.9	7
86	Impact of cold ischemia on mitochondrial function in porcine hearts and blood vessels. <i>International Journal of Molecular Sciences</i> , 2013 , 14, 22042-51	6.3	7
85	Downregulation of the CXC chemokine receptor 4/stromal cell-derived factor 1 pathway enhances myocardial neovascularization, cardiomyocyte survival, and functional recovery after myocardial infarction. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2011 , 142, 687-96, 696.e1-2	1.5	7
84	Aortic bioprosthetic valve deterioration 8 months after implantation. <i>Annals of Thoracic Surgery</i> , 2010 , 89, 277-9	2.7	7
83	Early Detection of Pump Thrombosis in Patients With Left Ventricular Assist Device. <i>ASAIO Journal</i> , 2020 , 66, 348-354	3.6	7
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	3	6
81	Hemodynamic exercise responses with a continuous-flow left ventricular assist device: Comparison of patients response and cardiorespiratory simulations. <i>PLoS ONE</i> , 2020 , 15, e0229688	3.7	6
80	Recommendations for extracorporeal membrane oxygenation (ECMO) in COVID-19 patients : Consensus paper of the Medical University of Vienna. <i>Wiener Klinische Wochenschrift</i> , 2020 , 132, 671-676 ²⁻³	6.3	6
79	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, e83-5	2.7	6
78	Single-dose GSTP1 prevents infarction-induced heart failure. <i>Journal of Cardiac Failure</i> , 2014 , 20, 135-45 ^{3,3}	3.3	6
77	A Peptide to Reduce Pulmonary Edema in a Rat Model of Lung Transplantation. <i>PLoS ONE</i> , 2015 , 10, e0142115	3.7	6

76	LVAD speed increase during exercise, which patients would benefit the most? A simulation study. <i>Artificial Organs</i> , 2020 , 44, 239-247	2.6	6
75	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	3.7	5
74	Extracorporeal cardiopulmonary resuscitation at the emergency department: A retrospective patient selection evaluation. <i>European Journal of Anaesthesiology</i> , 2020 , 37, 280-285	2.3	5
73	Long-Term Clinical and Computed Tomography Angiographic Follow-up After Totally Endoscopic Coronary Artery Bypass Grafting. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2018 , 13, 5-10	1.5	5
72	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	3.3	5
71	Endoscopic vein harvesting is influenced by patient-related risk factors and may be of specific benefit in female patients. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2013 , 17, 603-7	1.8	5
70	Closed chest hybrid coronary revascularization for multivessel disease - current concepts and techniques from a two-center experience. <i>European Journal of Cardio-thoracic Surgery</i> , 2011 , 40, 783-7	3	5
69	Single-lung ventilation time does not increase lung injury after totally endoscopic coronary artery bypass surgery. <i>Heart Surgery Forum</i> , 2010 , 13, E383-90	0.7	5
68	Ventricular Assist Devices - Evolution of Surgical Heart Failure Treatment. <i>European Cardiology Review</i> , 2014 , 9, 54-58	3.9	5
67	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	3.6	5
66	Myocardial Recovery in Peripartum Cardiomyopathy After Hyperprolactinemia Treatment on BIVAD. <i>ASAIO Journal</i> , 2017 , 63, 109-111	3.6	4
65	Topical use of autologous fibrin glue in high-risk CABG patients. <i>European Surgery - Acta Chirurgica Austriaca</i> , 2011 , 43, 309-314	0.9	4
64	Access site complications of postcardiotomy extracorporeal life support.. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 ,	1.5	4
63	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	3.6	4
62	Isolated tricuspid valve regurgitation: old concepts, new insights and innovation. <i>Journal of Cardiovascular Medicine</i> , 2020 , 21, 406-414	1.9	3
61	Comparative Analysis of Perioperative and Mid-Term Results of TECAB and MIDCAB for Revascularization of Anterior Wall. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2017 , 12, 207-213	1.5	3
60	Tricuspid valve replacement: results of an orphan procedure - which is the best prosthesis?. <i>Journal of Cardiovascular Surgery</i> , 2018 , 59, 626-632	0.7	3
59	Giant lateral left ventricular wall aneurysm sparing the submitral apparatus. <i>Journal of Cardiothoracic Surgery</i> , 2013 , 8, 201	1.6	3

58	Robotic totally endoscopic surgery for congenital cardiac anomalies. <i>European Surgery - Acta Chirurgica Austriaca</i> , 2011 , 43, 212-217	0.9	3
57	Simultaneous mitral valve and lung surgery for complicated endocarditis. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2009 , 9, 549-50	1.8	3
56	Lung herniation after minimally invasive atrial-septal-defect closure. <i>European Journal of Cardio-thoracic Surgery</i> , 2012 , 42, 590	3	3
55	Treatment options for the abnormal origin of the right coronary artery. <i>European Journal of Cardio-thoracic Surgery</i> , 2012 , 42, 757-8; author reply 758	3	3
54	Cardio-microcurrent device for chronic heart failure: first-in-human clinical study. <i>ESC Heart Failure</i> , 2021 , 8, 962-970	3.7	3
53	Long-Term Clinical and Computed Tomography Angiographic Follow-Up after Totally Endoscopic Coronary Artery Bypass Grafting. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2018 , 13, 5-10	1.5	3
52	Hypoxia/reperfusion predisposes to atherosclerosis. <i>PLoS ONE</i> , 2018 , 13, e0205067	3.7	3
51	Hemoadsorption does not Have Influence on Hemolysis During Cardiopulmonary Bypass. <i>ASAIO Journal</i> , 2019 , 65, 738-743	3.6	2
50	Minimally invasive approaches for implantation of left ventricular assist devices. <i>Indian Journal of Thoracic and Cardiovascular Surgery</i> , 2018 , 34, 177-182	0.4	2
49	Pacemaker lead malpositioning led to subsequent ischemic strokes despite antiplatelet and anticoagulation therapy. <i>Journal of Cardiothoracic Surgery</i> , 2014 , 9, 54	1.6	2
48	Mediastinal liposarcoma. <i>Journal of Cardiac Surgery</i> , 2011 , 26, 162-4	1.3	2
47	Uncomplicated vaginal delivery 6 years after stent graft repair of an acute traumatic aortic transection. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2012 , 14, 120-1	1.8	2
46	Impact of Subclinical Congestion on Outcome of Patients Undergoing Mitral Valve Surgery. <i>Biomedicines</i> , 2020 , 8,	4.8	2
45	Decrease in serum alkaline phosphatase and prognostic relevance in adult cardiopulmonary bypass. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2020 , 31, 383-390	1.8	2
44	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	3	2
43	Sternotomy Sparing Thoratec Heartmate 3 Implantation via Bilateral Minithoracotomy. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2018 , 13, 74-76	1.5	2
42	Use of the Novel Surgical Enhancement Tools for Less Invasive Abbott HeartMate 3 Implantation. <i>Annals of Thoracic Surgery</i> , 2018 , 106, e209-e210	2.7	2
41	Relation Between Intraventricular HVAD Position and Pump Thrombosis. <i>Journal of Heart and Lung Transplantation</i> , 2018 , 37, S99-S100	5.8	2

40	Cusp Tear of Trifecta? Aortic Bioprosthesis Resulting in Acute Heart Failure. <i>Journal of Heart Valve Disease</i> , 2017 , 26, 592-594		2
39	Response by Andreas et al to Letter Regarding Article, "Increased Thromboembolic Events With Dabigatran Compared With Vitamin K Antagonism in Left Ventricular Assist Device Patients: A Randomized Controlled Pilot Trial". <i>Circulation: Heart Failure</i> , 2017 , 10,	7.6	1
38	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	1.3	1
37	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	4.9	1
36	Robotically assisted minimal invasive and endoscopic coronary bypass surgery. <i>European Surgery - Acta Chirurgica Austriaca</i> , 2011 , 43, 195-197	0.9	1
35	Characteristics of Interleukin-6 Signaling in Elective Cardiac Surgery-A Prospective Cohort Study.. <i>Journal of Clinical Medicine</i> , 2022 , 11,	5.1	1
34	Minimally invasive revision for bleeding following totally endoscopic coronary surgery. <i>Heart Surgery Forum</i> , 2009 , 12, E150-1	0.7	1
33	Inflow Cannula Position as Risk Factor for Stroke in Patients with HeartMate 3 Left Ventricular Assist Devices.. <i>Artificial Organs</i> , 2022 ,	2.6	1
32	Awake extracorporeal life support (ECLS) implantation in profound cardiogenic shock. <i>Multimedia Manual of Cardiothoracic Surgery: MMCTS / European Association for Cardio-Thoracic Surgery</i> , 2018 , 2018,	0.2	1
31	Graft function after heterotopic rat heart transplant with an isolated reperfused working heart: a methodic consideration. <i>Experimental and Clinical Transplantation</i> , 2012 , 10, 154-7	0.8	1
30	Interdependence of VA-ECMO output, pulmonary congestion and outcome after cardiac surgery. <i>European Journal of Internal Medicine</i> , 2020 , 81, 67-70	3.9	1
29	Acute oxygenator occlusion in two cases of polycythemia vera: Bailout strategies. <i>Journal of Cardiac Surgery</i> , 2020 , 35, 2835-2837	1.3	1
28	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> , 2020 , 57, 732-739	3	1
27	A case report of a 40-year-old woman with endomyocardial fibrosis in a non-tropical area: from initial presentation to high urgent heart transplantation. <i>BMC Cardiovascular Disorders</i> , 2019 , 19, 302	2.3	1
26	Impact of Less Invasive Left Ventricular Assist Device Implantation on Heart Transplant Outcomes. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2021 ,	1.7	1
25	Nasogastric tube placement in critically ill patients-stay alert!. <i>Journal of Cardiac Surgery</i> , 2021 , 36, 1546-1547	1.5	1
24	Incidence and Etiology of System Exchanges in Patients Receiving Extracorporeal Membrane Oxygenation. <i>ASAIO Journal</i> , 2021 , 67, 776-784	3.6	1
23	Platelet activation and aggregation in different centrifugal-flow left ventricular assist devices. <i>Platelets</i> , 2021 , 1-8	3.6	1

22	Surgical Technique for Redo-Sternotomy Sparing Heartware HVAD Exchanges. <i>Operative Techniques in Thoracic and Cardiovascular Surgery</i> , 2018 , 23, 76-89	0.9	1
21	Hemadsorption as rescue therapy for patients with multisystem organ failure in pediatric intensive care-Report of two cases reports and review of the literature. <i>Artificial Organs</i> , 2021 , 45, 1582-1593	2.6	1
20	Anterior Right Thoracotomy for Rapid-Deployment Aortic Valve Replacement. <i>Annals of Thoracic Surgery</i> , 2021 , 112, 564-571	2.7	1
19	When Nothing Goes Right: Risk Factors and Biomarkers of Right Heart Failure after Left Ventricular Assist Device Implantation.. <i>Life</i> , 2022 , 12,	3	1
18	How to Perfuse: Concepts of Cerebral Protection during Arch Replacement. <i>BioMed Research International</i> , 2015 , 2015, 981813	3	0
17	Concomitant cardiac surgery procedures during left ventricular assist device implantation: single-centre experience. <i>Annals of Cardiothoracic Surgery</i> , 2021 , 10, 248-254	4.7	0
16	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	5.4	0
15	Reply to Napp et al. <i>European Journal of Cardio-thoracic Surgery</i> , 2018 , 53, 894-895	3	
14	Pacemaker lead malposition in the left atrial roof is masked by normal pacing thresholds. <i>Journal of Cardiothoracic Surgery</i> , 2014 , 9, 53	1.6	
13	Extraordinary branching pattern of the aortic arch. <i>Clinical Anatomy</i> , 2013 , 26, 1006-7	2.5	
12	From Research Lab to Clinical Routine of MCS. <i>ASAIO Journal</i> , 2017 , 63, e51	3.6	
11	Orthotopic Experimental Lung Transplantation 2015 , 111-144		
10	Invited commentary. <i>Annals of Thoracic Surgery</i> , 2011 , 92, 2234	2.7	
9	Neointimal hyperplasia in a porcine model of vein graft disease: comparison between organ culture and coronary artery bypass grafting. <i>European Surgery - Acta Chirurgica Austriaca</i> , 2011 , 43, 174-180	0.9	
8	Cardiac dislocation after replacement of the descending aorta. <i>European Journal of Cardio-thoracic Surgery</i> , 2010 , 38, 809	3	
7	Hot potatoes, million dollar coat hangers and advanced coronary surgery. <i>Cardiology</i> , 2010 , 115, 184-5	1.6	
6	Implantable devices: a bridge to heart transplantation. <i>Vestnik Transplantologii I Iskusstvennykh Organov</i> , 2019 , 20, 134-141	0.3	
5	Zugangswege in der Herzchirurgie 2020 , 1-12		

- 4 Implanting the HeartMate 6 (total artificial heart). *Multimedia Manual of Cardiothoracic Surgery: MMCTS / European Association for Cardio-Thoracic Surgery*, **2021**, 2021, 0.2
- 3 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 5.4
- 2 Reply: Attempting to solve the puzzleHow to unveil the truth about the origin of stroke in postcardiotomy extracorporeal life support?. *JTCVS Open*, **2022**, 0.2
- 1 A Sensorless Modular Multiobjective Control Algorithm for Left Ventricular Assist Devices: A Clinical Pilot Study.. *Frontiers in Cardiovascular Medicine*, **2022**, 9, 888269 5.4