Daniel Zimpfer

List of Publications by Year in Descending Order

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

203 papers	4,391 citations	38 h-index	57 g-index
241 ext. papers	5,372 ext. citations	2.7 avg, IF	5.1 L-index

#	Paper	IF	Citations
203	Inflow Cannula Position as Risk Factor for Stroke in Patients with HeartMate 3 Left Ventricular Assist Devices.. *Artificial Organs*, **2022**,	2.6	1
202	A Prospective Observational Study on Multiplate-, ROTEM- and Thrombin Generation Examinations Before and Early After Implantation of a Left Ventricular Assist Device (LVAD).. *Frontiers in Medicine*, **2022**, 9, 760816	4.9	1
201	When Nothing Goes Right: Risk Factors and Biomarkers of Right Heart Failure after Left Ventricular Assist Device Implantation.. *Life*, **2022**, 12,	3	1
200	Comparison of device-based therapy options for heart failure with preserved ejection fraction: a simulation study.. *Scientific Reports*, **2022**, 12, 5761	4.9	0
199	Prophylactic Peritoneal Catheter Placement in Congenital Cardiac Surgery.. *World Journal for Pediatric & Congenital Heart Surgery*, **2022**, 13, 376-378	1.1	1
198	A Sensorless Modular Multiobjective Control Algorithm for Left Ventricular Assist Devices: A Clinical Pilot Study.. *Frontiers in Cardiovascular Medicine*, **2022**, 9, 888269	5.4	
197	Expert Consensus Paper: Lateral Thoracotomy for Centrifugal Ventricular Assist Device Implant. *Annals of Thoracic Surgery*, **2021**, 112, 1687-1697	2.7	4
196	Commentary: Transcending acceptable, moving toward optimal: Standardizing surgical configurations of ventricular assist device therapy. *Journal of Thoracic and Cardiovascular Surgery*, **2021**, 162, 1566-1567	1.5	
195	Access site complications of postcardiotomy extracorporeal life support.. *Journal of Thoracic and Cardiovascular Surgery*, **2021**,	1.5	4
194	Use of extracorporeal circulation (ECLS/ECMO) for cardiac and circulatory failure -A clinical practice Guideline Level 3. *ESC Heart Failure*, **2021**,	3.7	1
193	S3 Guideline of Extracorporeal Circulation (ECLS/ECMO) for Cardiocirculatory Failure. *Thoracic and Cardiovascular Surgeon*, **2021**, 69, S121-S212	1.6	3
192	A Novel Endothelial Damage Inhibitor Reduces Oxidative Stress and Improves Cellular Integrity in Radial Artery Grafts for Coronary Artery Bypass. *Frontiers in Cardiovascular Medicine*, **2021**, 8, 736503	5.4	1
191	Einsatz der extrakorporalen Zirkulation (ECLS/ECMO) bei Herz- und Kreislaufversagen. *Kardiologe*, **2021**, 15, 526	0.6	1
190	Einsatz der extrakorporalen Zirkulation (ECLS/ECMO) bei Herz- und Kreislaufversagen. *Zeitschrift Fur Herz-, Thorax- Und Gefasschirurgie*, **2021**, 35, 349	0.1	
189	Effects of the atrium on intraventricular flow patterns during mechanical circulatory support. *International Journal of Artificial Organs*, **2021**, 3913988211056018	1.9	0
188	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. *ASAIO Journal*, **2021**, 67, 47-52	3.6	5
187	International Normalized Ratio Test Frequency in Left Ventricular Assist Device Patients Affects Anticoagulation Quality and Adverse Events. *ASAIO Journal*, **2021**, 67, 157-162	3.6	4

186	Diagnosis and Treatment Strategies of Outflow Graft Obstruction in the Fully Magnetically Levitated Continuous-Flow centrifugal Left Ventricular Assist Device: A Multicenter Case Series. *ASAIO Journal*, **2021**, 67, e52-e54	3.6	7
185	The left ventricular assist device as a patient monitoring system. *Annals of Cardiothoracic Surgery*, **2021**, 10, 221-232	4.7	2
184	Implanting the HeartMate 6 (total artificial heart). *Multimedia Manual of Cardiothoracic Surgery: MMCTS / European Association for Cardio-Thoracic Surgery*, **2021**, 2021,	0.2	
183	Concomitant cardiac surgery procedures during left ventricular assist device implantation: single-centre experience. *Annals of Cardiothoracic Surgery*, **2021**, 10, 248-254	4.7	0
182	Propensity score-based analysis of long-term follow-up in patients supported with durable centrifugal left ventricular assist devices: the EUROMACS analysis. *European Journal of Cardio-thoracic Surgery*, **2021**, 60, 579-587	3	6
181	First 5-year multicentric clinical trial experience with the HeartMate 3 left ventricular assist system. *Journal of Heart and Lung Transplantation*, **2021**, 40, 247-250	5.8	2
180	Reversal of pulmonary hypertension in paediatric patients with restrictive cardiomyopathy. *Interactive Cardiovascular and Thoracic Surgery*, **2021**, 33, 834-836	1.8	
179	Impact of extra-corporeal life support (ECLS) cannulation strategy on outcome after durable mechanical circulation support system implantation on behalf of durable MCS after ECLS Study Group. *Annals of Cardiothoracic Surgery*, **2021**, 10, 353-363	4.7	
178	Pump position and thrombosis in ventricular assist devices: Correlation of radiographs and CT data. *International Journal of Artificial Organs*, **2021**, 44, 956-964	1.9	2
177	Mechanical circulatory support in pediatric patients with biventricular and univentricular hearts. *JTCVS Open*, **2021**, 6, 202-208	0.2	
176	A Cavopulmonary Assist Device for Long-Term Therapy of Fontan Patients. *Seminars in Thoracic and Cardiovascular Surgery*, **2021**,	1.7	2
175	Long-term outcomes after the paediatric Ross and Ross-Konno procedures. *Interactive Cardiovascular and Thoracic Surgery*, **2021**, 33, 455-461	1.8	1
174	Validation of Numerically Predicted Shear Stress-dependent Dissipative Losses Within a Rotary Blood Pump. *ASAIO Journal*, **2021**, 67, 1148-1158	3.6	0
173	Left ventricular assist device driveline infections in three contemporary devices. *Artificial Organs*, **2021**, 45, 464-472	2.6	8
172	Successful surgical treatment of a 1160 g neonate with cardiac teratoma and severe foetal hydrops: a case report. *European Heart Journal - Case Reports*, **2021**, 5, ytaa527	0.9	
171	Impact of Less Invasive Left Ventricular Assist Device Implantation on Heart Transplant Outcomes. *Seminars in Thoracic and Cardiovascular Surgery*, **2021**,	1.7	1
170	Impact of a surgical approach for implantation of durable left ventricular assist devices in patients on extracorporeal life support. *Journal of Cardiac Surgery*, **2021**, 36, 1344-1351	1.3	1
169	Five-year outcomes of patients supported with HeartMate 3: a single-centre experience. *European Journal of Cardio-thoracic Surgery*, **2021**, 59, 1155-1163	3	6

168	Platelet activation and aggregation in different centrifugal-flow left ventricular assist devices. *Platelets*, **2021**, 1-8	3.6	1
167	Performing central venous catheters in neonates and small infants undergoing cardiac surgery using a wireless transducer for ultrasound guidance: a prospective, observational pilot study. *BMC Pediatrics*, **2021**, 21, 341	2.6	0
166	Diagnostic quality of 3Tesla postmortem magnetic resonance imaging in fetuses with and without congenital heart disease. *American Journal of Obstetrics and Gynecology*, **2021**, 225, 189.e1-189.e30	6.4	2
165	Development of suction detection algorithms for a left ventricular assist device from patient data. *Biomedical Signal Processing and Control*, **2021**, 69, 102910	4.9	2
164	Aortic valve replacement in pediatric patients: 30 years single center experience. *Journal of Cardiothoracic Surgery*, **2021**, 16, 259	1.6	0
163	Extracorporeal Circulation (ECLS/ECMO) for Cardio-circulatory Failure-Summary of the S3 Guideline. *Thoracic and Cardiovascular Surgeon*, **2021**, 69, 483-489	1.6	2
162	Impact of concomitant cardiac valvular surgery during implantation of continuous-flow left ventricular assist devices: A European registry for patients with mechanical circulatory support (EUROMACS) analysis.. *Artificial Organs*, **2021**,	2.6	1
161	Driveline Features as Risk Factor for Infection in Left Ventricular Assist Devices: Meta-Analysis and Experimental Tests.. *Frontiers in Cardiovascular Medicine*, **2021**, 8, 784208	5.4	0
160	Routine preoperative aortic computed tomography angiography is associated with reduced risk of stroke in coronary artery bypass grafting: a propensity-matched analysis. *European Journal of Cardio-thoracic Surgery*, **2020**, 57, 684-690	3	4
159	Transition From Temporary to Durable Circulatory Support Systems. *Journal of the American College of Cardiology*, **2020**, 76, 2956-2964	15.1	16
158	The European Registry for Patients with Mechanical Circulatory Support (EUROMACS): second EUROMACS Paediatric (Paedi-EUROMACS) report. *European Journal of Cardio-thoracic Surgery*, **2020**, 57, 1038-1050	3	11
157	Predictors of Physical Capacity 6 Months After Implantation of a Full Magnetically Levitated Left Ventricular Assist Device: An Analysis From the ELEVATE Registry. *Journal of Cardiac Failure*, **2020**, 26, 580-587	3.3	6
156	Blood stream infection and outcomes in recipients of a left ventricular assist device. *European Journal of Cardio-thoracic Surgery*, **2020**, 58, 907-914	3	6
155	Long-Term Survival of Patients With Advanced Heart Failure Receiving an Left Ventricular Assist Device Intended as a Bridge to Transplantation: The Registry to Evaluate the HeartWare Left Ventricular Assist System. *Circulation: Heart Failure*, **2020**, 13, e006252	7.6	12
154	Hemodynamic exercise responses with a continuous-flow left ventricular assist device: Comparison of patientsPresponse and cardiorespiratory simulations. *PLoS ONE*, **2020**, 15, e0229688	3.7	6
153	Transcatheter edge-to-edge tricuspid repair for recurrence of valvular regurgitation after left ventricular assist device and tricuspid ring implantation. *ESC Heart Failure*, **2020**, 7, 915-919	3.7	5
152	Pediatric donor management to optimize donor heart utilization. *Pediatric Transplantation*, **2020**, 24, e13679	1.8	2
151	Recommendations for extracorporeal membrane oxygenation (ECMO) in COVID-19 patients : Consensus paper of the Medical University of Vienna. *Wiener Klinische Wochenschrift*, **2020**, 132, 671-676	2.3	6

150	Continuous LVAD monitoring reveals high suction rates in clinically stable outpatients. *Artificial Organs*, **2020**, 44, E251-E262	2.6	15
149	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. *Journal of Cardiac Surgery*, **2020**, 35, 937-939	1.3	1
148	Early sST2 Liberation after Implantation of a Left Ventricular Assist Device in Patients with Advanced Heart Failure. *Journal of Immunology Research*, **2020**, 2020, 1-9	4.5	9
147	Paediatric aortic valve replacement using decellularized allografts. *European Journal of Cardio-thoracic Surgery*, **2020**, 58, 817-824	3	7
146	Blood trauma potential of the HeartWare Ventricular Assist Device in pediatric patients. *Journal of Thoracic and Cardiovascular Surgery*, **2020**, 159, 1519-1527.e1	1.5	15
145	LVAD speed increase during exercise, which patients would benefit the most? A simulation study. *Artificial Organs*, **2020**, 44, 239-247	2.6	6
144	Early Detection of Pump Thrombosis in Patients With Left Ventricular Assist Device. *ASAIO Journal*, **2020**, 66, 348-354	3.6	7
143	Left Ventricular Assist Device Inflow Cannula Insertion Depth Influences Thrombosis Risk. *ASAIO Journal*, **2020**, 66, 766-773	3.6	10
142	Comparison of Neurologic Event Rates Among HeartMate II, HeartMate 3, and HVAD. *ASAIO Journal*, **2020**, 66, 620-624	3.6	15
141	Double atrioventricular valve replacement using Melody transcatheter valves in an infant with unbalanced atrioventricular septal defect: a case report. *European Heart Journal - Case Reports*, **2020**, 4, 1-6	0.9	
140	Accuracy of Doppler blood pressure measurement in HeartMate 3 ventricular assist device patients. *ESC Heart Failure*, **2020**, 7, 4241	3.7	2
139	Direct postoperative protein S100B and NIRS monitoring in infants after pediatric cardiac surgery enrich early mortality assessment at the PICU. *Heart and Lung: Journal of Acute and Critical Care*, **2020**, 49, 731-736	2.6	1
138	International experience using a durable, centrifugal-flow ventricular assist device for biventricular support. *Journal of Heart and Lung Transplantation*, **2020**, 39, 1372-1379	5.8	5
137	Outcomes of coronary artery bypass grafting in patients with human immunodeficiency virus infection. *Journal of Cardiac Surgery*, **2020**, 35, 2543-2549	1.3	1
136	A Cyanotic Newborn with a Pink Right Upper Extremity. *Case Reports in Pediatrics*, **2020**, 2020, 8873156	0.7	
135	Two-year outcome after implantation of a full magnetically levitated left ventricular assist device: results from the ELEVATE Registry. *European Heart Journal*, **2020**, 41, 3801-3809	9.5	19
134	Thrombolysis as first-line therapy for Medtronic/HeartWare HVAD left ventricular assist device thrombosis. *European Journal of Cardio-thoracic Surgery*, **2020**, 58, 1182-1191	3	2
133	Coronary artery bypass grafting and perioperative stroke: imaging of atherosclerotic plaques in the ascending aorta with ungated high-pitch CT-angiography. *Scientific Reports*, **2020**, 10, 13909	4.9	5

132	Determinants of Bioprosthetic Aortic Valve Degeneration. *JACC: Cardiovascular Imaging*, **2020**, 13, 345-353	8.4	15
131	Autologous aortic arch reconstruction in isolated and combined cardiac lesions. *European Surgery - Acta Chirurgica Austriaca*, **2020**, 52, 165-170	0.9	2
130	The influence of left ventricular assist device inflow cannula position on thrombosis risk. *Artificial Organs*, **2020**, 44, 939-946	2.6	18
129	2019 EACTS Expert Consensus on long-term mechanical circulatory support. *European Journal of Cardio-thoracic Surgery*, **2019**, 56, 230-270	3	117
128	Functional capillary impairment in patients with ventricular assist devices. *Scientific Reports*, **2019**, 9, 5909	4.9	8
127	Noninvasive assessment of blood pressure in rotary blood pump recipients using a novel ultrasonic Doppler method. *International Journal of Artificial Organs*, **2019**, 42, 226-232	1.9	1
126	Long-term evaluation of a fully magnetically levitated circulatory support device for advanced heart failure-two-year results from the HeartMate 3 CE Mark Study. *European Journal of Heart Failure*, **2019**, 21, 90-97	12.3	55
125	Impact of Bleeding Revision on Outcomes After Left Ventricular Assist Device Implantation. *Annals of Thoracic Surgery*, **2019**, 108, 517-523	2.7	8
124	Influence of a fully magnetically levitated left ventricular assist device on functional interrogation of implantable cardioverter defibrillators. *Clinical Cardiology*, **2019**, 42, 914-918	3.3	5
123	LVAD Pump Flow Does Not Adequately Increase With Exercise. *Artificial Organs*, **2019**, 43, 222-228	2.6	19
122	Postmarket Experience With HeartMate 3 Left Ventricular Assist Device: 30-Day Outcomes From the ELEVATE Registry. *Annals of Thoracic Surgery*, **2019**, 107, 33-39	2.7	16
121	Sternotomy Sparing Thoratec HeartMate 3 Implantation Via Bilateral Minithoracotomy. *Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery*, **2018**, 13, 74-76	1.5	8
120	Duration of extracorporeal membrane oxygenation support and survival in cardiovascular surgery patients. *Journal of Thoracic and Cardiovascular Surgery*, **2018**, 155, 2471-2476	1.5	23
119	Minimally invasive approaches for implantation of left ventricular assist devices. *Indian Journal of Thoracic and Cardiovascular Surgery*, **2018**, 34, 177-182	0.4	2
118	Worldwide Experience of a Durable Centrifugal Flow Pump in Pediatric Patients. *Seminars in Thoracic and Cardiovascular Surgery*, **2018**, 30, 327-335	1.7	33
117	Interventional Treatment of LVAD Outflow Graft Stenosis by Introduction of Bare Metal Stents. *ASAIO Journal*, **2018**, 64, e3-e7	3.6	8
116	Extracorporeal membrane oxygenation support for right ventricular failure after left ventricular assist device implantation. *European Journal of Cardio-thoracic Surgery*, **2018**, 53, 590-595	3	13
115	A Standardized Telephone Intervention Algorithm Improves the Survival of Ventricular Assist Device Outpatients. *Artificial Organs*, **2018**, 42, 961-969	2.6	9

114	Driving After Left Ventricular Assist Device Implantation. *Artificial Organs*, **2018**, 42, 695-699	2.6	8
113	An international multicenter experience of biventricular support with HeartMate 3 ventricular assist systems. *Journal of Heart and Lung Transplantation*, **2018**, 37, 1399-1402	5.8	32
112	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	3	9
111	Sternotomy Sparing Thoratec Heartmate 3 Implantation via Bilateral Minithoracotomy. *Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery*, **2018**, 13, 74-76	1.5	2
110	Surgical Technique for Redo-Sternotomy Sparing Heartware HVAD Exchanges. *Operative Techniques in Thoracic and Cardiovascular Surgery*, **2018**, 23, 76-89	0.9	1
109	Use of the Novel Surgical Enhancement Tools for Less Invasive Abbott HeartMate 3 Implantation. *Annals of Thoracic Surgery*, **2018**, 106, e209-e210	2.7	2
108	Six-month outcomes after treatment of advanced heart failure with a full magnetically levitated continuous flow left ventricular assist device: report from the ELEVATE registry. *European Heart Journal*, **2018**, 39, 3454-3460	9.5	42
107	International Analysis of LVAD Point-of-Care Versus Plasma INR: A Multicenter Study. *ASAIO Journal*, **2018**, 64, e161-e165	3.6	6
106	Heartmate 3 fully magnetically levitated left ventricular assist device for the treatment of advanced heart failure -1 year results from the Ce mark trial. *Journal of Cardiothoracic Surgery*, **2017**, 12, 23	1.6	79
105	Increased Thromboembolic Events With Dabigatran Compared With Vitamin K Antagonism in Left Ventricular Assist Device Patients: A Randomized Controlled Pilot Trial. *Circulation: Heart Failure*, **2017**, 10,	7.6	45
104	Myocardial Recovery in Peripartum Cardiomyopathy After Hyperprolactinemia Treatment on BIVAD. *ASAIO Journal*, **2017**, 63, 109-111	3.6	4
103	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". *Circulation: Heart Failure*, **2017**, 10,	7.6	1
102	Exercise Performance During the First Two Years After Left Ventricular Assist Device Implantation. *ASAIO Journal*, **2017**, 63, 408-413	3.6	12
101	Impact of Right Ventricular Performance in Patients Undergoing Extracorporeal Membrane Oxygenation Following Cardiac Surgery. *Journal of the American Heart Association*, **2017**, 6,	6	9
100	From Research Lab to Clinical Routine of MCS. *ASAIO Journal*, **2017**, 63, e51	3.6	
99	Outcomes in HeartMate II Patients With No Antiplatelet Therapy: 2-Year Results From the European TRACE Study. *Annals of Thoracic Surgery*, **2017**, 103, 1262-1268	2.7	51
98	To Pump or Not to Pump: The Role of CPB or ECMO **2017**, 265-269		
97	Which Approach? Traditional Versus MICS **2017**, 241-251		

96	Evaluation of the HeartWare ventricular assist device Lavare cycle in a particle image velocimetry model and in clinical practice. *European Journal of Cardio-thoracic Surgery*, **2016**, 50, 839-848	3	34
95	Multicentre clinical trial experience with the HeartMate 3 left ventricular assist device: 30-day outcomes. *European Journal of Cardio-thoracic Surgery*, **2016**, 50, 548-54	3	28
94	Long-term support of patients receiving a left ventricular assist device for advanced heart failure: a follow-up analysis of the Registry to Evaluate the HeartWare Left Ventricular Assist System. *European Journal of Cardio-thoracic Surgery*, **2016**, 50, 834-838	3	36
93	High-Intensity Transient Signals in the Outflow Graft and Thrombosis of a HeartWare Left Ventricular Assist Device. *Annals of Thoracic Surgery*, **2016**, 101, e83-5	2.7	6
92	Epicardial shock-wave therapy improves ventricular function in a porcine model of ischaemic heart disease. *Journal of Tissue Engineering and Regenerative Medicine*, **2016**, 10, 1057-1064	4.4	27
91	Continuous Monitoring of Aortic Valve Opening in Rotary Blood Pump Patients. *IEEE Transactions on Biomedical Engineering*, **2016**, 63, 1201-7	5	21
90	Different Heparin Contents in Prothrombin Complex Concentrates May Impair Blood Clotting in Outpatients With Ventricular Assist Devices Receiving Phenprocoumon. *Journal of Cardiothoracic and Vascular Anesthesia*, **2016**, 30, 96-101	2.1	7
89	Daily life activity in patients with left ventricular assist devices. *International Journal of Artificial Organs*, **2016**, 39, 22-7	1.9	14
88	Debate: creating adequate pulse with a continuous flow ventricular assist device: can it be done and should it be done? Probably not, it may cause more problems than benefits!. *Current Opinion in Cardiology*, **2016**, 31, 337-42	2.1	12
87	Outpatient management of intra-corporeal left ventricular assist device system in children: a multi-center experience. *American Journal of Transplantation*, **2015**, 15, 453-60	8.7	49
86	Identification and Management of Pump Thrombus in the HeartWare Left Ventricular Assist Device System: A Novel Approach Using Log File Analysis. *JACC: Heart Failure*, **2015**, 3, 849-56	7.9	62
85	Safety and efficacy of cardiac rehabilitation for patients with continuous flow left ventricular assist devices. *European Journal of Preventive Cardiology*, **2015**, 22, 1378-84	3.9	46
84	Fully Magnetically Levitated Left Ventricular Assist System for Treating Advanced HF: A Multicenter Study. *Journal of the American College of Cardiology*, **2015**, 66, 2579-2589	15.1	163
83	Assessment of aortic valve opening during rotary blood pump support using pump signals. *Artificial Organs*, **2014**, 38, 290-7	2.6	21
82	Low-molecular-weight heparin for anti-coagulation after left ventricular assist device implantation. *Journal of Heart and Lung Transplantation*, **2014**, 33, 88-93	5.8	36
81	Continuous monitoring of cardiac rhythms in left ventricular assist device patients. *Artificial Organs*, **2014**, 38, 191-8	2.6	24
80	Results of the post-market Registry to Evaluate the HeartWare Left Ventricular Assist System (ReVOLVE). *Journal of Heart and Lung Transplantation*, **2014**, 33, 486-91	5.8	84
79	Off-pump HeartWare ventricular assist device implantation with outflow graft anastomosis to the left subclavian artery. *Annals of Thoracic Surgery*, **2014**, 97, 2214-6	2.7	12

78	Viennese approach to minimize the invasiveness of ventricular assist device implantation *European Journal of Cardio-thoracic Surgery*, **2014**, 46, 991-6; discussion 996	3	64
77	Preoperative patient optimization using extracorporeal life support improves outcomes of INTERMACS Level I patients receiving a permanent ventricular assist device. *European Journal of Cardio-thoracic Surgery*, **2014**, 46, 486-92; discussion 492	3	51
76	Repair of left ventricular assist device driveline damage directly at the transcutaneous exit site. *Artificial Organs*, **2014**, 38, 422-5	2.6	15
75	Usability of ventricular assist devices in daily experience: a multicenter study. *Artificial Organs*, **2014** , 38, 751-60	2.6	18
74	Ventricular Assist Devices - Evolution of Surgical Heart Failure Treatment. *European Cardiology Review*, **2014**, 9, 54-58	3.9	5
73	Reply: To PMID 23462262. *Annals of Thoracic Surgery*, **2013**, 96, 1528-1529	2.7	
72	Use of continuous flow ventricular assist devices in patients with heart failure and a normal ejection fraction: a computer-simulation study. *Journal of Thoracic and Cardiovascular Surgery*, **2013** , 145, 1352-8	1.5	17
71	Emergency cardio-pulmonary bypass in cardiac arrest: seventeen years of experience. *Resuscitation*, **2013**, 84, 326-30	4	26
70	Minimally invasive thoratec Heartmate II implantation in the setting of severe thoracic aortic calcification. *Annals of Thoracic Surgery*, **2013**, 96, 1094-6	2.7	29
69	Internal mammary artery harvesting influences antibiotic penetration into presternal tissue. *Annals of Thoracic Surgery*, **2013**, 95, 1323-9; discussion 1329-30	2.7	31
68	Investigation of hemodynamics in the assisted isolated porcine heart. *International Journal of Artificial Organs*, **2013**, 36, 878-86	1.9	10
67	Importance of linguistic details in alarm messages of ventricular assist devices. *International Journal of Artificial Organs*, **2013**, 36, 406-9	1.9	6
66	Influenza A-induced cardiogenic shock requiring temporary ECMO support and urgent heart transplantation. *Thoracic and Cardiovascular Surgeon*, **2012**, 60, 293-4	1.6	2
65	Stroke from noncompaction overlooked by echocardiography. *International Journal of Cardiology*, **2011**, 148, 357-8	3.2	11
64	Improvement of cardiac function in the failing rat heart after transfer of skeletal myoblasts engineered to overexpress placental growth factor. *Journal of Thoracic and Cardiovascular Surgery*, **2011**, 141, 1238-45	1.5	11
63	Experimental acute type B aortic dissection: different sites of primary entry tears cause different ways of propagation. *Annals of Thoracic Surgery*, **2011**, 91, 724-7	2.7	25
62	Continuous assessment of cardiac function during rotary blood pump support: a contractility index derived from pump flow. *Journal of Heart and Lung Transplantation*, **2010**, 29, 37-44	5.8	34
61	Reply to Sergej V. Jargin: shock wave therapy of ischemic heart disease in the light of general pathology. *International Journal of Cardiology*, **2010**, 145, 240-241	3.2	

60	Midterm results of thoracic endovascular aortic repair in patients with aneurysms involving the descending aorta originating from chronic type B dissections. *Annals of Thoracic Surgery*, **2010**, 90, 90-4	2.7	47
59	Long-term results of thoracic endovascular aortic repair in atherosclerotic aneurysms involving the descending aorta. *Journal of Thoracic and Cardiovascular Surgery*, **2010**, 140, S179-84; discussion S185-S190	1.5	55
58	Risk factors of mortality in different age groups after thoracic endovascular aortic repair. *Annals of Thoracic Surgery*, **2010**, 90, 534-8	2.7	15
57	Bail-out visceral bypass grafting for acute intestinal ischemia after endovascular stent-graft placement in a complicated type B dissection. *Thoracic and Cardiovascular Surgeon*, **2009**, 57, 110-1	1.6	3
56	Direct epicardial shock wave therapy improves ventricular function and induces angiogenesis in ischemic heart failure. *Journal of Thoracic and Cardiovascular Surgery*, **2009**, 137, 963-70	1.5	44
55	Usability and safety of ventricular assist devices: human factors and design aspects. *Artificial Organs*, **2009**, 33, 691-5	2.6	12
54	Age and outcome after continuous-flow left ventricular assist device implantation as bridge to transplantation. *Journal of Heart and Lung Transplantation*, **2009**, 28, 367-72	5.8	46
53	Renal function and outcome after continuous flow left ventricular assist device implantation. *Annals of Thoracic Surgery*, **2009**, 87, 1072-8	2.7	153
52	Endovascular and conventional treatment of thoracic aortic aneurysms: a comparison of costs. *Annals of Thoracic Surgery*, **2009**, 87, 1801-5	2.7	8
51	Low molecular weight heparin as an alternative to unfractionated heparin in the immediate postoperative period after left ventricular assist device implantation. *Artificial Organs*, **2008**, 32, 819-22	2.6	21
50	Renal function after implantation of continuous versus pulsatile flow left ventricular assist devices. *Journal of Heart and Lung Transplantation*, **2008**, 27, 469-73	5.8	72
49	Experimental stent-graft treatment of ascending aortic dissection. *Annals of Thoracic Surgery*, **2008**, 85, 470-3	2.7	10
48	Treatment of symptomatic coral reef aorta by endovascular stent-graft placement. *Annals of Thoracic Surgery*, **2008**, 85, 1817-9	2.7	34
47	Mechanical aortic valve prostheses in the small aortic root: Top Hat versus standard CarboMedics aortic valve. *Annals of Thoracic Surgery*, **2008**, 86, 64-70	2.7	14
46	Novel insights into the mechanisms and treatment of intramural hematoma affecting the entire thoracic aorta. *Annals of Thoracic Surgery*, **2008**, 86, 453-6	2.7	70
45	Supra-aortic transposition for combined vascular and endovascular repair of aortic arch pathology. *Annals of Thoracic Surgery*, **2008**, 86, 1524-9	2.7	96
44	Prophylactic low-energy shock wave therapy improves wound healing after vein harvesting for coronary artery bypass graft surgery: a prospective, randomized trial. *Annals of Thoracic Surgery*, **2008**, 86, 1909-13	2.7	33
43	Mid-term results after endovascular stent-graft placement due to penetrating atherosclerotic ulcers of the thoracic aorta. *European Journal of Cardio-thoracic Surgery*, **2008**, 33, 1019-24	3	28

42	Safety and efficacy of statin therapy in patients switched from cyclosporine a to sirolimus after cardiac transplantation. *Transplantation*, **2008**, 86, 1771-6	1.8	19
41	Heart transplantation in Vienna: 25 years of experience. *Wiener Klinische Wochenschrift*, **2008**, 120, 3-10	2.3	
40	Forty years of development, experimental evaluation and clinical application of mechanical circulatory support at the Medical University of Vienna. *Wiener Klinische Wochenschrift*, **2008**, 120, 15-20	2.3	1
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