

Daniel Zimpfer

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.

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	Fully Magnetically Levitated Left Ventricular Assist System for Treating Advanced HF: A Multicenter Study. <i>Journal of the American College of Cardiology</i> , 2015 , 66, 2579-2589	15.1	163
202	Renal function and outcome after continuous flow left ventricular assist device implantation. <i>Annals of Thoracic Surgery</i> , 2009 , 87, 1072-8	2.7	153
201	Left ventricular assist devices decrease fixed pulmonary hypertension in cardiac transplant candidates. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2007 , 133, 689-95	1.5	136
200	The vacuum-assisted closure system for the treatment of deep sternal wound infections after cardiac surgery. <i>Annals of Thoracic Surgery</i> , 2002 , 74, 1596-600; discussion 1600	2.7	132
199	2019 EACTS Expert Consensus on long-term mechanical circulatory support. <i>European Journal of Cardio-thoracic Surgery</i> , 2019 , 56, 230-270	3	117
198	Supra-aortic transposition for combined vascular and endovascular repair of aortic arch pathology. <i>Annals of Thoracic Surgery</i> , 2008 , 86, 1524-9	2.7	96
197	Stent-graft placement in atherosclerotic descending thoracic aortic aneurysms: midterm results. <i>Journal of Endovascular Therapy</i> , 2004 , 11, 26-32	2.5	88
196	Results of the post-market Registry to Evaluate the HeartWare Left Ventricular Assist System (ReVOLVE). <i>Journal of Heart and Lung Transplantation</i> , 2014 , 33, 486-91	5.8	84
195	Risk factors of mortality and permanent neurologic injury in patients undergoing ascending aortic and arch repair. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2003 , 126, 1296-301	1.5	82
194	Heartmate 3 fully magnetically levitated left ventricular assist device for the treatment of advanced heart failure -1 year results from the Ce mark trial. <i>Journal of Cardiothoracic Surgery</i> , 2017 , 12, 23	1.6	79
193	Initial results after combined repair of aortic arch aneurysms by sequential transposition of the supra-aortic branches and consecutive endovascular stent-graft placement. <i>Annals of Thoracic Surgery</i> , 2004 , 78, 1256-60	2.7	78
192	Results after endovascular stent graft placement in atherosclerotic aneurysms involving the descending aorta. <i>Annals of Thoracic Surgery</i> , 2007 , 83, 450-5	2.7	76
191	Late vascular complications after extracorporeal membrane oxygenation support. <i>Annals of Thoracic Surgery</i> , 2006 , 81, 892-5	2.7	76
190	Post-transplant survival after lowering fixed pulmonary hypertension using left ventricular assist devices. <i>European Journal of Cardio-thoracic Surgery</i> , 2007 , 31, 698-702	3	73
189	Renal function after implantation of continuous versus pulsatile flow left ventricular assist devices. <i>Journal of Heart and Lung Transplantation</i> , 2008 , 27, 469-73	5.8	72
188	Mid-term results of supraaortic transpositions for extended endovascular repair of aortic arch pathologies. <i>European Journal of Cardio-thoracic Surgery</i> , 2007 , 31, 623-7	3	71
187	Novel insights into the mechanisms and treatment of intramural hematoma affecting the entire thoracic aorta. <i>Annals of Thoracic Surgery</i> , 2008 , 86, 453-6	2.7	70

186	Viennese approach to minimize the invasiveness of ventricular assist device implantation. <i>European Journal of Cardio-thoracic Surgery</i> , 2014 , 46, 991-6; discussion 996	3	64
185	Treatment of acute type a dissection by percutaneous endovascular stent-graft placement. <i>Annals of Thoracic Surgery</i> , 2006 , 82, 747-9	2.7	63
184	Identification and Management of Pump Thrombus in the HeartWare Left Ventricular Assist Device System: A Novel Approach Using Log File Analysis. <i>JACC: Heart Failure</i> , 2015 , 3, 849-56	7.9	62
183	Neurocognitive function in patients with ventricular assist devices: a comparison of pulsatile and continuous blood flow devices. <i>ASAIO Journal</i> , 2006 , 52, 24-7	3.6	60
182	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. <i>European Journal of Heart Failure</i> , 2019 , 21, 90-97	12.3	55
181	Long-term results of thoracic endovascular aortic repair in atherosclerotic aneurysms involving the descending aorta. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2010 , 140, S179-84; discussion S185-S190	1.5	55
180	Outcomes in HeartMate II Patients With No Antiplatelet Therapy: 2-Year Results From the European TRACE Study. <i>Annals of Thoracic Surgery</i> , 2017 , 103, 1262-1268	2.7	51
179	Preoperative patient optimization using extracorporeal life support improves outcomes of INTERMACS Level I patients receiving a permanent ventricular assist device. <i>European Journal of Cardio-thoracic Surgery</i> , 2014 , 46, 486-92; discussion 492	3	51
178	Combined repair of an aortic arch aneurysm by sequential transposition of the supra-aortic branches and endovascular stent-graft placement. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2003 , 126, 916-8	1.5	51
177	Outpatient management of intra-corporeal left ventricular assist device system in children: a multi-center experience. <i>American Journal of Transplantation</i> , 2015 , 15, 453-60	8.7	49
176	Cardiopulmonary bypass affects cognitive brain function after coronary artery bypass grafting. <i>Annals of Thoracic Surgery</i> , 2001 , 72, 1926-32	2.7	48
175	Midterm results of thoracic endovascular aortic repair in patients with aneurysms involving the descending aorta originating from chronic type B dissections. <i>Annals of Thoracic Surgery</i> , 2010 , 90, 90-4	2.7	47
174	Safety and efficacy of cardiac rehabilitation for patients with continuous flow left ventricular assist devices. <i>European Journal of Preventive Cardiology</i> , 2015 , 22, 1378-84	3.9	46
173	Age and outcome after continuous-flow left ventricular assist device implantation as bridge to transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2009 , 28, 367-72	5.8	46
172	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
171	Direct epicardial shock wave therapy improves ventricular function and induces angiogenesis in ischemic heart failure. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2009 , 137, 963-70	1.5	44
170	Endovascular stent-graft placement of aneurysms involving the descending aorta originating from chronic type B dissections. <i>Annals of Thoracic Surgery</i> , 2007 , 83, 1635-9	2.7	44
169	Lung wedge resection improves outcome in stage I primary spontaneous pneumothorax. <i>Annals of Thoracic Surgery</i> , 2004 , 77, 1802-5	2.7	43

168	Mid-term results of conservative, conventional and endovascular treatment for acute traumatic aortic lesions. <i>European Journal of Vascular and Endovascular Surgery</i> , 2006 , 31, 475-80	2.3	42
167	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. <i>European Heart Journal</i> , 2018 , 39, 3454-3460	9.5	42
166	Cognitive deficit after aortic valve replacement. <i>Annals of Thoracic Surgery</i> , 2002 , 74, 407-12; discussion 412	2.7	41
165	An alternative approach in treating an aortic arch aneurysm with an anatomic variant by supraaortic reconstruction and stent-graft placement. <i>Journal of Vascular Surgery</i> , 2005 , 42, 357-60	3.5	38
164	Transposition of the supraaortic branches for extended endovascular arch repair. <i>European Journal of Cardio-thoracic Surgery</i> , 2006 , 29, 709-13	3	37
163	Successful treatment of an aorto-esophageal fistula after emergency endovascular thoracic aortic stent-graft placement. <i>Annals of Thoracic Surgery</i> , 2005 , 80, 1117-20	2.7	37
162	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. <i>European Journal of Cardio-thoracic Surgery</i> , 2016 , 50, 834-838	3	36
161	Low-molecular-weight heparin for anti-coagulation after left ventricular assist device implantation. <i>Journal of Heart and Lung Transplantation</i> , 2014 , 33, 88-93	5.8	36
160	Evaluation of the HeartWare ventricular assist device Lavare cycle in a particle image velocimetry model and in clinical practice. <i>European Journal of Cardio-thoracic Surgery</i> , 2016 , 50, 839-848	3	34
159	Continuous assessment of cardiac function during rotary blood pump support: a contractility index derived from pump flow. <i>Journal of Heart and Lung Transplantation</i> , 2010 , 29, 37-44	5.8	34
158	Treatment of symptomatic coral reef aorta by endovascular stent-graft placement. <i>Annals of Thoracic Surgery</i> , 2008 , 85, 1817-9	2.7	34
157	Worldwide Experience of a Durable Centrifugal Flow Pump in Pediatric Patients. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2018 , 30, 327-335	1.7	33
156	Prophylactic low-energy shock wave therapy improves wound healing after vein harvesting for coronary artery bypass graft surgery: a prospective, randomized trial. <i>Annals of Thoracic Surgery</i> , 2008 , 86, 1909-13	2.7	33
155	An international multicenter experience of biventricular support with HeartMate 3 ventricular assist systems. <i>Journal of Heart and Lung Transplantation</i> , 2018 , 37, 1399-1402	5.8	32
154	Sealing of the mediastinum with a local hemostyptic agent reduces chest tube duration after complete mediastinal lymph node dissection for stage I and II non-small cell lung carcinoma. <i>Annals of Thoracic Surgery</i> , 2004 , 77, 1028-32	2.7	32
153	Internal mammary artery harvesting influences antibiotic penetration into presternal tissue. <i>Annals of Thoracic Surgery</i> , 2013 , 95, 1323-9; discussion 1329-30	2.7	31
152	Minimally invasive thoratec Heartmate II implantation in the setting of severe thoracic aortic calcification. <i>Annals of Thoracic Surgery</i> , 2013 , 96, 1094-6	2.7	29
151	Coronary reoperations: recurrence of angina and clinical outcome with and without cardiopulmonary bypass. <i>Annals of Thoracic Surgery</i> , 2003 , 75, 847-52	2.7	29

150	Multicentre clinical trial experience with the HeartMate 3 left ventricular assist device: 30-day outcomes. <i>European Journal of Cardio-thoracic Surgery</i> , 2016 , 50, 548-54	3	28
149	Mid-term results after endovascular stent-graft placement due to penetrating atherosclerotic ulcers of the thoracic aorta. <i>European Journal of Cardio-thoracic Surgery</i> , 2008 , 33, 1019-24	3	28
148	The impact of diabetes mellitus at the time of heart transplantation on long-term survival. <i>Diabetologia</i> , 2002 , 45, 1498-508	10.3	28
147	Neurocognitive deficit following coronary artery bypass grafting: a prospective study of surgical patients and nonsurgical controls. <i>Annals of Thoracic Surgery</i> , 2004 , 78, 513-8; discussion 518-9	2.7	28
146	Epicardial shock-wave therapy improves ventricular function in a porcine model of ischaemic heart disease. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2016 , 10, 1057-1064	4.4	27
145	Emergency cardio-pulmonary bypass in cardiac arrest: seventeen years of experience. <i>Resuscitation</i> , 2013 , 84, 326-30	4	26
144	Experimental acute type B aortic dissection: different sites of primary entry tears cause different ways of propagation. <i>Annals of Thoracic Surgery</i> , 2011 , 91, 724-7	2.7	25
143	Continuous monitoring of cardiac rhythms in left ventricular assist device patients. <i>Artificial Organs</i> , 2014 , 38, 191-8	2.6	24
142	Long-term neurocognitive function after mechanical aortic valve replacement. <i>Annals of Thoracic Surgery</i> , 2006 , 81, 29-33	2.7	24
141	Limb-salvage by femoro-distal bypass and free muscle flap transfer. <i>European Journal of Vascular and Endovascular Surgery</i> , 2004 , 27, 635-9	2.3	24
140	Stent-Graft Placement in Atherosclerotic Descending Thoracic Aortic Aneurysms:Midterm Results. <i>Journal of Endovascular Therapy</i> , 2004 , 11, 26-32	2.5	24
139	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
138	Continuous Monitoring of Aortic Valve Opening in Rotary Blood Pump Patients. <i>IEEE Transactions on Biomedical Engineering</i> , 2016 , 63, 1201-7	5	21
137	Assessment of aortic valve opening during rotary blood pump support using pump signals. <i>Artificial Organs</i> , 2014 , 38, 290-7	2.6	21
136	Low molecular weight heparin as an alternative to unfractionated heparin in the immediate postoperative period after left ventricular assist device implantation. <i>Artificial Organs</i> , 2008 , 32, 819-22	2.6	21
135	Safety and efficacy of statin therapy in patients switched from cyclosporine a to sirolimus after cardiac transplantation. <i>Transplantation</i> , 2008 , 86, 1771-6	1.8	19
134	Two-year outcome after implantation of a full magnetically levitated left ventricular assist device: results from the ELEVATE Registry. <i>European Heart Journal</i> , 2020 , 41, 3801-3809	9.5	19
133	LVAD Pump Flow Does Not Adequately Increase With Exercise. <i>Artificial Organs</i> , 2019 , 43, 222-228	2.6	19

132	Usability of ventricular assist devices in daily experience: a multicenter study. <i>Artificial Organs</i> , 2014 , 38, 751-60	2.6	18
131	Neurocognitive deficit following aortic valve replacement with biological/mechanical prosthesis. <i>European Journal of Cardio-thoracic Surgery</i> , 2003 , 23, 544-51	3	18
130	The influence of left ventricular assist device inflow cannula position on thrombosis risk. <i>Artificial Organs</i> , 2020 , 44, 939-946	2.6	18
129	Use of continuous flow ventricular assist devices in patients with heart failure and a normal ejection fraction: a computer-simulation study. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013 , 145, 1352-8	1.5	17
128	Transition From Temporary to Durable Circulatory Support Systems. <i>Journal of the American College of Cardiology</i> , 2020 , 76, 2956-2964	15.1	16
127	Treatment of type V endoleaks by endovascular redo stent-graft placement. <i>Annals of Thoracic Surgery</i> , 2007 , 83, 664-6	2.7	16
126	Neuronal injury after repeated brief cardiac arrests during internal cardioverter defibrillator implantation is associated with deterioration of cognitive function. <i>Anesthesia and Analgesia</i> , 2006 , 103, 403-9, table of contents	3.9	16
125	Postmarket Experience With HeartMate 3 Left Ventricular Assist Device: 30-Day Outcomes From the ELEVATE Registry. <i>Annals of Thoracic Surgery</i> , 2019 , 107, 33-39	2.7	16
124	Continuous LVAD monitoring reveals high suction rates in clinically stable outpatients. <i>Artificial Organs</i> , 2020 , 44, E251-E262	2.6	15
123	Repair of left ventricular assist device driveline damage directly at the transcutaneous exit site. <i>Artificial Organs</i> , 2014 , 38, 422-5	2.6	15
122	Risk factors of mortality in different age groups after thoracic endovascular aortic repair. <i>Annals of Thoracic Surgery</i> , 2010 , 90, 534-8	2.7	15
121	Neurocognitive deficit following mitral valve surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2003 , 23, 265-71	3	15
120	Blood trauma potential of the HeartWare Ventricular Assist Device in pediatric patients. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 , 159, 1519-1527.e1	1.5	15
119	Comparison of Neurologic Event Rates Among HeartMate II, HeartMate 3, and HVAD. <i>ASAIO Journal</i> , 2020 , 66, 620-624	3.6	15
118	Determinants of Bioprosthetic Aortic Valve Degeneration. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 345-353	3.1	15
117	Mechanical aortic valve prostheses in the small aortic root: Top Hat versus standard CarboMedics aortic valve. <i>Annals of Thoracic Surgery</i> , 2008 , 86, 64-70	2.7	14
116	Daily life activity in patients with left ventricular assist devices. <i>International Journal of Artificial Organs</i> , 2016 , 39, 22-7	1.9	14
115	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

114	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. <i>Circulation: Heart Failure</i> , 2020 , 13, e006252	7.6	12
113	Off-pump HeartWare ventricular assist device implantation with outflow graft anastomosis to the left subclavian artery. <i>Annals of Thoracic Surgery</i> , 2014 , 97, 2214-6	2.7	12
112	Exercise Performance During the First Two Years After Left Ventricular Assist Device Implantation. <i>ASAIO Journal</i> , 2017 , 63, 408-413	3.6	12
111	Usability and safety of ventricular assist devices: human factors and design aspects. <i>Artificial Organs</i> , 2009 , 33, 691-5	2.6	12
110	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!. <i>Current Opinion in Cardiology</i> , 2016 , 31, 337-42	2.1	12
109	The European Registry for Patients with Mechanical Circulatory Support (EUROMACS): second EUROMACS Paediatric (Paedi-EUROMACS) report. <i>European Journal of Cardio-thoracic Surgery</i> , 2020 , 57, 1038-1050	3	11
108	Stroke from noncompaction overlooked by echocardiography. <i>International Journal of Cardiology</i> , 2011 , 148, 357-8	3.2	11
107	Improvement of cardiac function in the failing rat heart after transfer of skeletal myoblasts engineered to overexpress placental growth factor. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2011 , 141, 1238-45	1.5	11
106	Investigation of hemodynamics in the assisted isolated porcine heart. <i>International Journal of Artificial Organs</i> , 2013 , 36, 878-86	1.9	10
105	Experimental stent-graft treatment of ascending aortic dissection. <i>Annals of Thoracic Surgery</i> , 2008 , 85, 470-3	2.7	10
104	Left Ventricular Assist Device Inflow Cannula Insertion Depth Influences Thrombosis Risk. <i>ASAIO Journal</i> , 2020 , 66, 766-773	3.6	10
103	A Standardized Telephone Intervention Algorithm Improves the Survival of Ventricular Assist Device Outpatients. <i>Artificial Organs</i> , 2018 , 42, 961-969	2.6	9
102	Long-term heart transplant outcomes after lowering fixed pulmonary hypertension using left ventricular assist devices. <i>European Journal of Cardio-thoracic Surgery</i> , 2018 , 54, 1116-1121	3	9
101	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
100	Early sST2 Liberation after Implantation of a Left Ventricular Assist Device in Patients with Advanced Heart Failure. <i>Journal of Immunology Research</i> , 2020 , 2020, 1-9	4.5	9
99	Functional capillary impairment in patients with ventricular assist devices. <i>Scientific Reports</i> , 2019 , 9, 5909	4.9	8
98	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
97	Interventional Treatment of LVAD Outflow Graft Stenosis by Introduction of Bare Metal Stents. <i>ASAIO Journal</i> , 2018 , 64, e3-e7	3.6	8

96	Driving After Left Ventricular Assist Device Implantation. <i>Artificial Organs</i> , 2018 , 42, 695-699	2.6	8
95	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
94	Endovascular and conventional treatment of thoracic aortic aneurysms: a comparison of costs. <i>Annals of Thoracic Surgery</i> , 2009 , 87, 1801-5	2.7	8
93	Left ventricular assist device driveline infections in three contemporary devices. <i>Artificial Organs</i> , 2021 , 45, 464-472	2.6	8
92	Different Heparin Contents in Prothrombin Complex Concentrates May Impair Blood Clotting in Outpatients With Ventricular Assist Devices Receiving Phenprocoumon. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2016 , 30, 96-101	2.1	7
91	Treatment of an acute type B dissection with an intramural haematoma in the ascending aorta by percutaneous endovascular stent-graft placement. <i>Thoracic and Cardiovascular Surgeon</i> , 2006 , 54, 500-1	1.6	7
90	Successful type II endoleak closure by subclavian-to-carotid artery transposition after stent-graft placement of a distal aortic arch aneurysm. <i>Thoracic and Cardiovascular Surgeon</i> , 2005 , 53, 322-4	1.6	7
89	Paediatric aortic valve replacement using decellularized allografts. <i>European Journal of Cardio-thoracic Surgery</i> , 2020 , 58, 817-824	3	7
88	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	3.6	7
87	Early Detection of Pump Thrombosis in Patients With Left Ventricular Assist Device. <i>ASAIO Journal</i> , 2020 , 66, 348-354	3.6	7
86	Predictors of Physical Capacity 6 Months After Implantation of a Full Magnetically Levitated Left Ventricular Assist Device: An Analysis From the ELEVATE Registry. <i>Journal of Cardiac Failure</i> , 2020 , 26, 580-587	3.3	6
85	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
84	Hemodynamic exercise responses with a continuous-flow left ventricular assist device: Comparison of patientsResponse and cardiorespiratory simulations. <i>PLoS ONE</i> , 2020 , 15, e0229688	3.7	6
83	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
82	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
81	Importance of linguistic details in alarm messages of ventricular assist devices. <i>International Journal of Artificial Organs</i> , 2013 , 36, 406-9	1.9	6
80	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
79	Propensity score-based analysis of long-term follow-up in patients supported with durable centrifugal left ventricular assist devices: the EUROMACS analysis. <i>European Journal of Cardio-thoracic Surgery</i> , 2021 , 60, 579-587	3	6

78	Five-year outcomes of patients supported with HeartMate 3: a single-centre experience. <i>European Journal of Cardio-thoracic Surgery</i> , 2021 , 59, 1155-1163	3	6
77	International Analysis of LVAD Point-of-Care Versus Plasma INR: A Multicenter Study. <i>ASAIO Journal</i> , 2018 , 64, e161-e165	3.6	6
76	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
75	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
74	Ventricular Assist Devices - Evolution of Surgical Heart Failure Treatment. <i>European Cardiology Review</i> , 2014 , 9, 54-58	3.9	5
73	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
72	International experience using a durable, centrifugal-flow ventricular assist device for biventricular support. <i>Journal of Heart and Lung Transplantation</i> , 2020 , 39, 1372-1379	5.8	5
71	Coronary artery bypass grafting and perioperative stroke: imaging of atherosclerotic plaques in the ascending aorta with ungated high-pitch CT-angiography. <i>Scientific Reports</i> , 2020 , 10, 13909	4.9	5
70	Myocardial Recovery in Peripartum Cardiomyopathy After Hyperprolactinemia Treatment on BIVAD. <i>ASAIO Journal</i> , 2017 , 63, 109-111	3.6	4
69	Routine preoperative aortic computed tomography angiography is associated with reduced risk of stroke in coronary artery bypass grafting: a propensity-matched analysis. <i>European Journal of Cardio-thoracic Surgery</i> , 2020 , 57, 684-690	3	4
68	Expert Consensus Paper: Lateral Thoracotomy for Centrifugal Ventricular Assist Device Implant. <i>Annals of Thoracic Surgery</i> , 2021 , 112, 1687-1697	2.7	4
67	Access site complications of postcardiotomy extracorporeal life support.. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 ,	1.5	4
66	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
65	Bail-out visceral bypass grafting for acute intestinal ischemia after endovascular stent-graft placement in a complicated type B dissection. <i>Thoracic and Cardiovascular Surgeon</i> , 2009 , 57, 110-1	1.6	3
64	Predictors of perioperative mortality after coronary artery bypass grafting in the elderly. <i>Thoracic and Cardiovascular Surgeon</i> , 2003 , 51, 33-7	1.6	3
63	Perfusion temperature during cardiopulmonary bypass does not affect serum S-100beta release. <i>Thoracic and Cardiovascular Surgeon</i> , 2004 , 52, 29-33	1.6	3
62	S3 Guideline of Extracorporeal Circulation (ECLS/ECMO) for Cardiocirculatory Failure. <i>Thoracic and Cardiovascular Surgeon</i> , 2021 , 69, S121-S122	1.6	3
61	Pediatric donor management to optimize donor heart utilization. <i>Pediatric Transplantation</i> , 2020 , 24, e13679	1.8	2

60	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
59	Influenza A-induced cardiogenic shock requiring temporary ECMO support and urgent heart transplantation. <i>Thoracic and Cardiovascular Surgeon</i> , 2012 , 60, 293-4	1.6	2
58	Accuracy of Doppler blood pressure measurement in HeartMate 3 ventricular assist device patients. <i>ESC Heart Failure</i> , 2020 , 7, 4241	3.7	2
57	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
56	The left ventricular assist device as a patient monitoring system. <i>Annals of Cardiothoracic Surgery</i> , 2021 , 10, 221-232	4.7	2
55	First 5-year multicentric clinical trial experience with the HeartMate 3 left ventricular assist system. <i>Journal of Heart and Lung Transplantation</i> , 2021 , 40, 247-250	5.8	2
54	Pump position and thrombosis in ventricular assist devices: Correlation of radiographs and CT data. <i>International Journal of Artificial Organs</i> , 2021 , 44, 956-964	1.9	2
53	A Cavopulmonary Assist Device for Long-Term Therapy of Fontan Patients. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2021 ,	1.7	2
52	Autologous aortic arch reconstruction in isolated and combined cardiac lesions. <i>European Surgery - Acta Chirurgica Austriaca</i> , 2020 , 52, 165-170	0.9	2
51	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
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