

Daniel Zimpfer

List of Publications by Year in descending order

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Version: 2024-02-01

229
papers

6,098
citations

53751

45
h-index

102432

66
g-index

241
all docs

241
docs citations

241
times ranked

4715
citing authors

#	ARTICLE	IF	CITATIONS
1	2019 EACTS Expert Consensus on long-term mechanical circulatory support. <i>European Journal of Cardio-thoracic Surgery</i> , 2019, 56, 230-270.	0.6	255
2	Fully Magnetically Levitated Left Ventricular Assist System for Treating Advanced HF. <i>Journal of the American College of Cardiology</i> , 2015, 66, 2579-2589.	1.2	208
3	Renal Function and Outcome After Continuous Flow Left Ventricular Assist Device Implantation. <i>Annals of Thoracic Surgery</i> , 2009, 87, 1072-1078.	0.7	177
4	Left ventricular assist devices decrease fixed pulmonary hypertension in cardiac transplant candidates. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2007, 133, 689-695.	0.4	170
5	The vacuum-assisted closure system for the treatment of deep sternal wound infections after cardiac surgery. <i>Annals of Thoracic Surgery</i> , 2002, 74, 1596-1600.	0.7	155
6	Supra-aortic Transposition for Combined Vascular and Endovascular Repair of Aortic Arch Pathology. <i>Annals of Thoracic Surgery</i> , 2008, 86, 1524-1529.	0.7	104
7	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, 486-491.	0.3	104
8	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, 1296-1301.	0.4	94
9	Stent-Graft Placement in Atherosclerotic Descending Thoracic Aortic Aneurysms: Midterm Results. <i>Journal of Endovascular Therapy</i> , 2004, 11, 26-32.	0.8	93
10	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.	0.4	92
11	Late Vascular Complications After Extracorporeal Membrane Oxygenation Support. <i>Annals of Thoracic Surgery</i> , 2006, 81, 892-895.	0.7	89
12	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, 1256-1260.	0.7	83
13	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.	0.6	83
14	Renal Function After Implantation of Continuous Versus Pulsatile Flow Left Ventricular Assist Devices. <i>Journal of Heart and Lung Transplantation</i> , 2008, 27, 469-473.	0.3	80
15	Results After Endovascular Stent Graft Placement in Atherosclerotic Aneurysms Involving the Descending Aorta. <i>Annals of Thoracic Surgery</i> , 2007, 83, 450-455.	0.7	79
16	Viennese approach to minimize the invasiveness of ventricular assist device implantation. <i>European Journal of Cardio-thoracic Surgery</i> , 2014, 46, 991-996.	0.6	79
17	Mid-term results of supraaortic transpositions for extended endovascular repair of aortic arch pathologies. <i>European Journal of Cardio-thoracic Surgery</i> , 2007, 31, 623-627.	0.6	78
18	Novel Insights Into the Mechanisms and Treatment of Intramural Hematoma Affecting the Entire Thoracic Aorta. <i>Annals of Thoracic Surgery</i> , 2008, 86, 453-456.	0.7	78

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19	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.	2.9	78
20	Treatment of Acute Type A Dissection by Percutaneous Endovascular Stent-Graft Placement. <i>Annals of Thoracic Surgery</i> , 2006, 82, 747-749.	0.7	77
21	Identification and Management of Pump Thrombus in the HeartWare Left Ventricular Assist Device System. <i>JACC: Heart Failure</i> , 2015, 3, 849-856.	1.9	77
22	Neurocognitive Function in Patients with Ventricular Assist Devices: A Comparison of Pulsatile and Continuous Blood Flow Devices. <i>ASAIO Journal</i> , 2006, 52, 24-27.	0.9	70
23	Safety and efficacy of cardiac rehabilitation for patients with continuous flow left ventricular assist devices. <i>European Journal of Preventive Cardiology</i> , 2015, 22, 1378-1384.	0.8	70
24	Outpatient Management of Intra-Corporeal Left Ventricular Assist Device System in Children: A Multi-Center Experience. <i>American Journal of Transplantation</i> , 2015, 15, 453-460.	2.6	66
25	Increased Thromboembolic Events With Dabigatran Compared With Vitamin K Antagonism in Left Ventricular Assist Device Patients. <i>Circulation: Heart Failure</i> , 2017, 10, .	1.6	64
26	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.	0.7	63
27	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.	1.0	62
28	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.	0.3	60
29	Lung wedge resection improves outcome in stage I primary spontaneous pneumothorax. <i>Annals of Thoracic Surgery</i> , 2004, 77, 1802-1805.	0.7	58
30	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, 916-918.	0.4	57
31	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-S184.	0.4	57
32	Preoperative patient optimization using extracorporeal life support improves outcomes of INTERMACS Level I patients receiving a permanent ventricular assist device. <i>European Journal of Cardio-thoracic Surgery</i> , 2014, 46, 486-492.	0.6	56
33	ISHLT consensus statement on donor organ acceptability and management in pediatric heart transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2020, 39, 331-341.	0.3	56
34	Cardiopulmonary bypass affects cognitive brain function after coronary artery bypass grafting. <i>Annals of Thoracic Surgery</i> , 2001, 72, 1926-1932.	0.7	53
35	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, 367-372.	0.3	51
36	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, 90-94.	0.7	51

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37	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.	0.6	51
38	Worldwide Experience of a Durable Centrifugal Flow Pump in Pediatric Patients. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2018, 30, 327-335.	0.4	51
39	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, 963-970.	0.4	50
40	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.	1.0	49
41	Endovascular Stent-Graft Placement of Aneurysms Involving the Descending Aorta Originating From Chronic Type B Dissections. <i>Annals of Thoracic Surgery</i> , 2007, 83, 1635-1639.	0.7	48
42	Cognitive deficit after aortic valve replacement. <i>Annals of Thoracic Surgery</i> , 2002, 74, 407-412.	0.7	47
43	Transposition of the supraaortic branches for extended endovascular arch repair†. <i>European Journal of Cardio-thoracic Surgery</i> , 2006, 29, 709-713.	0.6	47
44	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.	0.3	47
45	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.	0.6	46
46	Successful Treatment of an Aortoesophageal Fistula After Emergency Endovascular Thoracic Aortic Stent-Graft Placement. <i>Annals of Thoracic Surgery</i> , 2005, 80, 1117-1120.	0.7	43
47	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, 475-480.	0.8	43
48	Treatment of Symptomatic Coral Reef Aorta by Endovascular Stent-Graft Placement. <i>Annals of Thoracic Surgery</i> , 2008, 85, 1817-1819.	0.7	42
49	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, 1909-1913.	0.7	41
50	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, 357-360.	0.6	40
51	Low-molecular-weight heparin for anti-coagulation after left ventricular assist device implantation. <i>Journal of Heart and Lung Transplantation</i> , 2014, 33, 88-93.	0.3	40
52	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, 548-554.	0.6	39
53	Duration of extracorporeal membrane oxygenation support and survival in cardiovascular surgery patients. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 155, 2471-2476.	0.4	39
54	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.	1.3	38

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55	Transition From Temporary to Durable Circulatory Support Systems. <i>Journal of the American College of Cardiology</i> , 2020, 76, 2956-2964.	1.2	38
56	ISHLT consensus statement for the selection and management of pediatric and congenital heart disease patients on ventricular assist devices Endorsed by the American Heart Association. <i>Journal of Heart and Lung Transplantation</i> , 2021, 40, 709-732.	0.3	38
57	Stent-Graft Placement in Atherosclerotic Descending Thoracic Aortic Aneurysms:Midterm Results. <i>Journal of Endovascular Therapy</i> , 2004, 11, 26-32.	0.8	38
58	Sealing of the mediastinum with a local hemostyptic agent reduces chest tube duration after complete mediastinal lymph node dissection for stage I and II nonâ€“small cell lung carcinoma. <i>Annals of Thoracic Surgery</i> , 2004, 77, 1028-1032.	0.7	36
59	Emergency cardio-pulmonary bypass in cardiac arrest: Seventeen years of experience. <i>Resuscitation</i> , 2013, 84, 326-330.	1.3	36
60	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.	0.9	36
61	Internal Mammary Artery Harvesting Influences Antibiotic Penetration Into Presternal Tissue. <i>Annals of Thoracic Surgery</i> , 2013, 95, 1323-1330.	0.7	35
62	The impact of diabetes mellitus at the time of heart transplantation on long-term survival. <i>Diabetologia</i> , 2002, 45, 1498-1508.	2.9	34
63	Minimally Invasive Thoratec Heartmate II Implantation in the Setting of Severe Thoracic Aortic Calcification. <i>Annals of Thoracic Surgery</i> , 2013, 96, 1094-1096.	0.7	33
64	The influence of left ventricular assist device inflow cannula position on thrombosis risk. <i>Artificial Organs</i> , 2020, 44, 939-946.	1.0	33
65	LVAD Pump Flow Does Not Adequately Increase With Exercise. <i>Artificial Organs</i> , 2019, 43, 222-228.	1.0	31
66	Coronary reoperations: recurrence of angina and clinical outcome with and without cardiopulmonary bypass. <i>Annals of Thoracic Surgery</i> , 2003, 75, 847-852.	0.7	30
67	Long-Term Neurocognitive Function After Mechanical Aortic Valve Replacement. <i>Annals of Thoracic Surgery</i> , 2006, 81, 29-33.	0.7	30
68	Continuous Monitoring of Cardiac Rhythms in Left Ventricular Assist Device Patients. <i>Artificial Organs</i> , 2014, 38, 191-198.	1.0	30
69	Long-Term Survival of Patients With Advanced Heart Failure Receiving an Left Ventricular Assist Device Intended as a Bridge to Transplantation. <i>Circulation: Heart Failure</i> , 2020, 13, e006252.	1.6	30
70	Neurocognitive deficit following coronary artery bypass grafting: a prospective study of surgical patients and nonsurgical controls. <i>Annals of Thoracic Surgery</i> , 2004, 78, 513-518.	0.7	29
71	Mid-term results after endovascular stent-graft placement due to penetrating atherosclerotic ulcers of the thoracic aortaâ€“†. <i>European Journal of Cardio-thoracic Surgery</i> , 2008, 33, 1019-1024.	0.6	29
72	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, 724-727.	0.7	29

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73	Continuous Monitoring of Aortic Valve Opening in Rotary Blood Pump Patients. IEEE Transactions on Biomedical Engineering, 2016, 63, 1201-1207.	2.5	29
74	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.	0.6	29
75	Limb-salvage by Femoro-distal Bypass and Free Muscle Flap Transfer. European Journal of Vascular and Endovascular Surgery, 2004, 27, 635-639.	0.8	28
76	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.	0.6	28
77	Continuous LVAD monitoring reveals high suction rates in clinically stable outpatients. Artificial Organs, 2020, 44, E251-E262.	1.0	28
78	Determinants of Bioprosthetic Aortic Valve Degeneration. JACC: Cardiovascular Imaging, 2020, 13, 345-353.	2.3	27
79	Left Ventricular Assist Device Inflow Cannula Insertion Depth Influences Thrombosis Risk. ASAIO Journal, 2020, 66, 766-773.	0.9	26
80	Assessment of Aortic Valve Opening During Rotary Blood Pump Support Using Pump Signals. Artificial Organs, 2014, 38, 290-297.	1.0	25
81	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, 1352-1358.	0.4	24
82	Usability of Ventricular Assist Devices in Daily Experience: A Multicenter Study. Artificial Organs, 2014, 38, 751-760.	1.0	24
83	Blood trauma potential of the HeartWare Ventricular Assist Device in pediatric patients. Journal of Thoracic and Cardiovascular Surgery, 2020, 159, 1519-1527.e1.	0.4	24
84	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, 819-822.	1.0	23
85	Extracorporeal membrane oxygenation support for right ventricular failure after left ventricular assist device implantation. European Journal of Cardio-thoracic Surgery, 2018, 53, 590-595.	0.6	22
86	Neurocognitive deficit following mitral valve surgery. European Journal of Cardio-thoracic Surgery, 2003, 23, 265-271.	0.6	21
87	Safety and Efficacy of Statin Therapy in Patients Switched From Cyclosporine A to Sirolimus After Cardiac Transplantation. Transplantation, 2008, 86, 1771-1776.	0.5	21
88	Functional capillary impairment in patients with ventricular assist devices. Scientific Reports, 2019, 9, 5909.	1.6	21
89	Neurocognitive deficit following aortic valve replacement with biological/mechanical prosthesis. European Journal of Cardio-thoracic Surgery, 2003, 23, 544-551.	0.6	20
90	Neuronal Injury After Repeated Brief Cardiac Arrests During Internal Cardioverter Defibrillator Implantation Is Associated With Deterioration of Cognitive Function. Anesthesia and Analgesia, 2006, 103, 403-409.	1.1	20

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91	Exercise Performance During the First Two Years After Left Ventricular Assist Device Implantation. ASAIO Journal, 2017, 63, 408-413.	0.9	20
92	Comparison of Neurologic Event Rates Among HeartMate II, HeartMate 3, and HVAD. ASAIO Journal, 2020, 66, 620-624.	0.9	20
93	Left ventricular assist device driveline infections in three contemporary devices. Artificial Organs, 2021, 45, 464-472.	1.0	20
94	Paediatric aortic valve replacement using decellularized allografts. European Journal of Cardio-thoracic Surgery, 2020, 58, 817-824.	0.6	20
95	Postmarket Experience With HeartMate 3 Left Ventricular Assist Device: 30-Day Outcomes From the ELEVATE Registry. Annals of Thoracic Surgery, 2019, 107, 33-39.	0.7	19
96	Usability and Safety of Ventricular Assist Devices: Human Factors and Design Aspects. Artificial Organs, 2009, 33, 691-695.	1.0	18
97	Risk Factors of Mortality in Different Age Groups After Thoracic Endovascular Aortic Repair. Annals of Thoracic Surgery, 2010, 90, 534-538.	0.7	18
98	The European Registry for Patients with Mechanical Circulatory Support of the European Association for Cardio-Thoracic Surgery: third report. European Journal of Cardio-thoracic Surgery, 2022, 62, .	0.6	18
99	Treatment of Type V Endoleaks by Endovascular Redo Stent-Graft Placement. Annals of Thoracic Surgery, 2007, 83, 664-666.	0.7	17
100	Mechanical Aortic Valve Prostheses in the Small Aortic Root: Top Hat Versus Standard CarboMedics Aortic Valve. Annals of Thoracic Surgery, 2008, 86, 64-70.	0.7	17
101	Early Detection of Pump Thrombosis in Patients With Left Ventricular Assist Device. ASAIO Journal, 2020, 66, 348-354.	0.9	17
102	Use of extracorporeal circulation (ECLS/ECMO) for cardiac and circulatory failure – A clinical practice Guideline Level 3. ESC Heart Failure, 2022, 9, 506-518.	1.4	17
103	Repair of Left Ventricular Assist Device Driveline Damage Directly at the Transcutaneous Exit Site. Artificial Organs, 2014, 38, 422-425.	1.0	16
104	Off-Pump HeartWare Ventricular Assist Device Implantation With Outflow Graft Anastomosis to the Left Subclavian Artery. Annals of Thoracic Surgery, 2014, 97, 2214-2216.	0.7	16
105	A Standardized Telephone Intervention Algorithm Improves the Survival of Ventricular Assist Device Outpatients. Artificial Organs, 2018, 42, 961-969.	1.0	16
106	Expert Consensus Paper: Lateral Thoracotomy for Centrifugal Ventricular Assist Device Implant. Annals of Thoracic Surgery, 2021, 112, 1687-1697.	0.7	16
107	Daily Life Activity in Patients with Left Ventricular Assist Devices. International Journal of Artificial Organs, 2016, 39, 22-27.	0.7	15
108	Interventional Treatment of LVAD Outflow Graft Stenosis by Introduction of Bare Metal Stents. ASAIO Journal, 2018, 64, e3-e7.	0.9	15

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109	Long-term heart transplant outcomes after lowering fixed pulmonary hypertension using left ventricular assist devices. European Journal of Cardio-thoracic Surgery, 2018, 54, 1116-1121.	0.6	15
110	Five-year outcomes of patients supported with HeartMate 3: a single-centre experience. European Journal of Cardio-thoracic Surgery, 2021, 59, 1155-1163.	0.6	15
111	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.	0.9	15
112	Investigation of Hemodynamics in the Assisted Isolated Porcine Heart. International Journal of Artificial Organs, 2013, 36, 878-886.	0.7	14
113	International experience using a durable, centrifugal-flow ventricular assist device for biventricular support. Journal of Heart and Lung Transplantation, 2020, 39, 1372-1379.	0.3	14
114	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, 1238-1245.	0.4	13
115	Impact of Right Ventricular Performance in Patients Undergoing Extracorporeal Membrane Oxygenation Following Cardiac Surgery. Journal of the American Heart Association, 2017, 6, .	1.6	13
116	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.	0.9	13
117	S3 Guideline of Extracorporeal Circulation (ECLS/ECMO) for Cardiocirculatory Failure. Thoracic and Cardiovascular Surgeon, 2021, 69, S121-S121.	0.4	13
118	Stroke from noncompaction overlooked by echocardiography. International Journal of Cardiology, 2011, 148, 357-358.	0.8	12
119	Debate. Current Opinion in Cardiology, 2016, 31, 337-342.	0.8	12
120	Driving After Left Ventricular Assist Device Implantation. Artificial Organs, 2018, 42, 695-699.	1.0	12
121	LVAD speed increase during exercise, which patients would benefit the most? A simulation study. Artificial Organs, 2020, 44, 239-247.	1.0	12
122	Concomitant cardiac surgery procedures during left ventricular assist device implantation: single-centre experience. Annals of Cardiothoracic Surgery, 2021, 10, 248-254.	0.6	12
123	Experimental Stent-Graft Treatment of Ascending Aortic Dissection. Annals of Thoracic Surgery, 2008, 85, 470-473.	0.7	11
124	Blood stream infection and outcomes in recipients of a left ventricular assist device. European Journal of Cardio-thoracic Surgery, 2020, 58, 907-914.	0.6	11
125	Biology of myocardial recovery in advanced heart failure with long-term mechanical support. Journal of Heart and Lung Transplantation, 2022, 41, 1309-1323.	0.3	11
126	Endovascular and Conventional Treatment of Thoracic Aortic Aneurysms: A Comparison of Costs. Annals of Thoracic Surgery, 2009, 87, 1801-1805.e6.	0.7	10

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127	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.	0.6	10
128	Impact of Bleeding Revision on Outcomes After Left Ventricular Assist Device Implantation. <i>Annals of Thoracic Surgery</i> , 2019, 108, 517-523.	0.7	10
129	Coronary artery bypass grafting and perioperative stroke: imaging of atherosclerotic plaques in the ascending aorta with ungated high-pitch CT-angiography. <i>Scientific Reports</i> , 2020, 10, 13909.	1.6	10
130	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.	1.1	10
131	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.	0.3	10
132	A Cavopulmonary Assist Device for Long-Term Therapy of Fontan Patients. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2022, 34, 238-248.	0.4	10
133	International Normalized Ratio Test Frequency in Left Ventricular Assist Device Patients Affects Anticoagulation Quality and Adverse Events. <i>ASAIO Journal</i> , 2021, 67, 157-162.	0.9	10
134	Ventricular Assist Devices – Evolution of Surgical Heart Failure Treatment. <i>European Cardiology Review</i> , 2014, 9, 54.	0.7	10
135	Inflow cannula position as risk factor for stroke in patients with HeartMate 3 left ventricular assist devices. <i>Artificial Organs</i> , 2022, 46, 1149-1157.	1.0	10
136	HVAD to HeartMate 3 left ventricular assist device exchange: Best practices recommendations. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, , .	0.4	10
137	Influence of a fully magnetically levitated left ventricular assist device on functional interrogation of implantable cardioverter defibrillators. <i>Clinical Cardiology</i> , 2019, 42, 914-918.	0.7	9
138	Thrombolysis as first-line therapy for Medtronic/HeartWare HVAD left ventricular assist device thrombosis. <i>European Journal of Cardio-thoracic Surgery</i> , 2020, 58, 1182-1191.	0.6	9
139	Recommendations for extracorporeal membrane oxygenation (ECMO) in COVID-19 patients. <i>Wiener Klinische Wochenschrift</i> , 2020, 132, 671-676.	1.0	9
140	Impact of a surgical approach for implantation of durable left ventricular assist devices in patients on extracorporeal life support. <i>Journal of Cardiac Surgery</i> , 2021, 36, 1344-1351.	0.3	9
141	Access site complications of postcardiotomy extracorporeal life support. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 164, 1546-1558.e8.	0.4	9
142	Fate of patients weaned from post-cardiotomy extracorporeal life support. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, 61, 1178-1185.	0.6	9
143	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, 322-324.	0.4	8
144	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, 500-501.	0.4	8

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145	Importance of Linguistic Details in Alarm Messages of Ventricular Assist Devices. <i>International Journal of Artificial Organs</i> , 2013, 36, 1-4.	0.7	8
146	Sternotomy Sparing Thoratec Heartmate 3 Implantation via Bilateral Minithoracotomy. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2018, 13, 74-76.	0.4	8
147	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.	0.7	8
148	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.	1.4	8
149	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.	0.7	8
150	A Novel Endothelial Damage Inhibitor Reduces Oxidative Stress and Improves Cellular Integrity in Radial Artery Grafts for Coronary Artery Bypass. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 736503.	1.1	8
151	Driveline Features as Risk Factor for Infection in Left Ventricular Assist Devices: Meta-Analysis and Experimental Tests. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 784208.	1.1	8
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