

Daniel Zimpfer

List of Publications by Year in descending order

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Version: 2024-02-01

229
papers

6,098
citations

53794

45
h-index

102487

66
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241
all docs

241
docs citations

241
times ranked

4715
citing authors

#	ARTICLE	IF	CITATIONS
1	Platelet activation and aggregation in different centrifugal-flow left ventricular assist devices. <i>Platelets</i> , 2022, 33, 249-256.	2.3	6
2	Ticagrelor or Aspirin After Coronary Artery Bypass in Patients With Chronic Kidney Disease. <i>Annals of Thoracic Surgery</i> , 2022, 113, 554-562.	1.3	5
3	The HeartMate 6 and CardioMEMS for Fixed Pulmonary Hypertension. <i>ASAIO Journal</i> , 2022, 68, e80-e83.	1.6	3
4	A Cavopulmonary Assist Device for Long-Term Therapy of Fontan Patients. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2022, 34, 238-248.	0.6	10
5	Incidence, clinical relevance and therapeutic options for outflow graft stenosis in patients with left ventricular assist devices. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, 61, 716-724.	1.4	6
6	Left ventricular assist device implants in patients on extracorporeal membrane oxygenation: do we need cardiopulmonary bypass?. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2022, 34, 676-682.	1.1	3
7	Effects of the atrium on intraventricular flow patterns during mechanical circulatory support. <i>International Journal of Artificial Organs</i> , 2022, 45, 421-430.	1.4	2
8	Access site complications of postcardiotomy extracorporeal life support. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 164, 1546-1558.e8.	0.8	9
9	Use of extracorporeal circulation (ECLS/ECMO) for cardiac and circulatory failure – A clinical practice Guideline Level 3. <i>ESC Heart Failure</i> , 2022, 9, 506-518.	3.1	17
10	External stenting of saphenous vein grafts for coronary artery bypass: a single-center analysis of clinical outcomes. <i>Journal of Cardiovascular Surgery</i> , 2022, , .	0.6	0
11	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.	1.9	10
12	The European Registry for Patients with Mechanical Circulatory Support of the European Association for Cardio-Thoracic Surgery: third report. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, 62, .	1.4	18
13	Hemolytic Footprint of Rotodynamic Blood Pumps. <i>IEEE Transactions on Biomedical Engineering</i> , 2022, 69, 2423-2432.	4.2	6
14	Fate of patients weaned from post-cardiotomy extracorporeal life support. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, 61, 1178-1185.	1.4	9
15	Transcatheter Versus Surgical Valve Repair in Patients with Severe Mitral Regurgitation. <i>Journal of Personalized Medicine</i> , 2022, 12, 90.	2.5	2
16	The bittersweet consequences of diabetes on mortality following left ventricular assist device implantation. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, , .	1.4	0
17	A Prospective Observational Study on Multiplate®-, ROTEM®- and Thrombin Generation Examinations Before and Early After Implantation of a Left Ventricular Assist Device (LVAD). <i>Frontiers in Medicine</i> , 2022, 9, 760816.	2.6	4
18	HVAD to HeartMate 3 left ventricular assist device exchange: Best practices recommendations. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, , .	0.8	10

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19	When Nothing Goes Right: Risk Factors and Biomarkers of Right Heart Failure after Left Ventricular Assist Device Implantation. <i>Life</i> , 2022, 12, 459.	2.4	6
20	HVAD to HeartMate 3 Left Ventricular Assist Device Exchange: Best Practices Recommendations. <i>Annals of Thoracic Surgery</i> , 2022, , .	1.3	5
21	HVAD to HeartMate 3 left ventricular assist device exchange: Best practices recommendations. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, 62, .	1.4	3
22	Comparison of device-based therapy options for heart failure with preserved ejection fraction: a simulation study. <i>Scientific Reports</i> , 2022, 12, 5761.	3.3	6
23	Awake Implementation of Extracorporeal Life Support in Refractory Cardiogenic Shock. <i>Medicina (Lithuania)</i> , 2022, 58, 43.	2.0	1
24	Impact of concomitant cardiac valvular surgery during implantation of continuousâ€flow left ventricular assist devices: A European registry for patients with mechanical circulatory support (EUROMACS) analysis. <i>Artificial Organs</i> , 2022, 46, 813-826.	1.9	6
25	Validation of Intrinsic Left Ventricular Assist Device Data Tracking Algorithm for Early Recognition of Centrifugal Flow Pump Thrombosis. <i>Life</i> , 2022, 12, 563.	2.4	4
26	Prophylactic Peritoneal Catheter Placement in Congenital Cardiac Surgery. <i>World Journal for Pediatric & Congenital Heart Surgery</i> , 2022, 13, 376-378.	0.8	1
27	Growth Differentiation Factor-15 Correlates Inversely with Protease-Activated Receptor-1-Mediated Platelet Reactivity in Patients with Left Ventricular Assist Devices. <i>Pharmaceuticals</i> , 2022, 15, 484.	3.8	4
28	A Sensorless Modular Multiobjective Control Algorithm for Left Ventricular Assist Devices: A Clinical Pilot Study. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 888269.	2.4	6
29	First-in-man use of the EXCOR Venous Cannula for combined cavopulmonary and systemic ventricular support in Fontan circulation failure. <i>Journal of Heart and Lung Transplantation</i> , 2022, 41, 1533-1536.	0.6	4
30	Aortic Valve Repair in Pediatric Patients: 30ÂYears Single Center Experience. <i>Annals of Thoracic Surgery</i> , 2022, , .	1.3	4
31	The European Registry for Patients with Mechanical Circulatory Support (EUROMACS): third Paediatric (Paedi-EUROMACS) report. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, 62, .	1.4	6
32	Biology of myocardial recovery in advanced heart failure with long-term mechanical support. <i>Journal of Heart and Lung Transplantation</i> , 2022, 41, 1309-1323.	0.6	11
33	Expert Consensus Paper: Lateral Thoracotomy for Centrifugal Ventricular Assist Device Implant. <i>Annals of Thoracic Surgery</i> , 2021, 112, 1687-1697.	1.3	16
34	Left ventricular assist device driveline infections in three contemporary devices. <i>Artificial Organs</i> , 2021, 45, 464-472.	1.9	20
35	Successful surgical treatment of a 1160 g neonate with cardiac teratoma and severe foetal hydrops: a case report. <i>European Heart Journal - Case Reports</i> , 2021, 5, ytaa527.	0.6	0
36	Impact of Less Invasive Left Ventricular Assist Device Implantation on Heart Transplant Outcomes. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2021, , .	0.6	4

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37	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.	0.7	9
38	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.	1.4	15
39	The left ventricular assist device as a patient monitoring system. <i>Annals of Cardiothoracic Surgery</i> , 2021, 10, 221-232.	1.7	7
40	Implanting the HeartMate 6 (total artificial heart). , 2021, 2021, .		0
41	Concomitant cardiac surgery procedures during left ventricular assist device implantation: single-centre experience. <i>Annals of Cardiothoracic Surgery</i> , 2021, 10, 248-254.	1.7	12
42	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.	1.4	29
43	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.	0.6	10
44	Reversal of pulmonary hypertension in paediatric patients with restrictive cardiomyopathy. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2021, 33, 834-836.	1.1	2
45	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. <i>Annals of Cardiothoracic Surgery</i> , 2021, 10, 353-363.	1.7	2
46	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.	1.4	8
47	Mechanical circulatory support in pediatric patients with biventricular and univentricular hearts. <i>JTCVS Open</i> , 2021, 6, 202-208.	0.5	1
48	No more excusesâ€¦ Extracorporeal life support in obese patients. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 60, 839.	1.4	0
49	Long-term outcomes after the paediatric Ross and Ross-Konno procedures. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2021, 33, 455-461.	1.1	5
50	Validation of Numerically Predicted Shear Stress-dependent Dissipative Losses Within a Rotary Blood Pump. <i>ASAIO Journal</i> , 2021, 67, 1148-1158.	1.6	3
51	Performing central venous catheters in neonates and small infants undergoing cardiac surgery using a wireless transducer for ultrasound guidance: a prospective, observational pilot study. <i>BMC Pediatrics</i> , 2021, 21, 341.	1.7	3
52	Diagnostic quality of 3Tesla postmortem magnetic resonance imaging in fetuses with and without congenital heart disease. <i>American Journal of Obstetrics and Gynecology</i> , 2021, 225, 189.e1-189.e30.	1.3	5
53	Development of suction detection algorithms for a left ventricular assist device from patient data. <i>Biomedical Signal Processing and Control</i> , 2021, 69, 102910.	5.7	5
54	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.	0.6	38

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55	Aortic valve replacement in pediatric patients: 30 years single center experience. <i>Journal of Cardiothoracic Surgery</i> , 2021, 16, 259.	1.1	4
56	Psoas Muscle Area Predicts Mortality after Left Ventricular Assist Device Implantation. <i>Life</i> , 2021, 11, 922.	2.4	3
57	Extracorporeal Circulation (ECLS/ECMO) for Cardio-circulatory Failure—Summary of the S3 Guideline. <i>Thoracic and Cardiovascular Surgeon</i> , 2021, 69, 483-489.	1.0	6
58	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.	1.6	13
59	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.	1.6	10
60	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.	1.6	15
61	S3 Guideline of Extracorporeal Circulation (ECLS/ECMO) for Cardiocirculatory Failure. <i>Thoracic and Cardiovascular Surgeon</i> , 2021, 69, S121-S212.	1.0	13
62	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.	2.4	8
63	Cormatrix® for vessel reconstruction in paediatric cardiac surgery—a word of caution. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2021, , .	1.1	4
64	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.	2.4	8
65	Determinants of Bioprosthetic Aortic Valve Degeneration. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 345-353.	5.3	27
66	Autologous aortic arch reconstruction in isolated and combined cardiac lesions. <i>European Surgery - Acta Chirurgica Austriaca</i> , 2020, 52, 165-170.	0.7	2
67	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.	0.8	24
68	LVAD speed increase during exercise, which patients would benefit the most? A simulation study. <i>Artificial Organs</i> , 2020, 44, 239-247.	1.9	12
69	Early Detection of Pump Thrombosis in Patients With Left Ventricular Assist Device. <i>ASAIO Journal</i> , 2020, 66, 348-354.	1.6	17
70	Left Ventricular Assist Device Inflow Cannula Insertion Depth Influences Thrombosis Risk. <i>ASAIO Journal</i> , 2020, 66, 766-773.	1.6	26
71	Comparison of Neurologic Event Rates Among HeartMate II, HeartMate 3, and HVAD. <i>ASAIO Journal</i> , 2020, 66, 620-624.	1.6	20
72	Double atrioventricular valve replacement using Melody™ transcatheter valves in an infant with unbalanced atrioventricular septal defect: a case report. <i>European Heart Journal - Case Reports</i> , 2020, 4, 1-6.	0.6	0

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73	Accuracy of Doppler blood pressure measurement in HeartMate 3 ventricular assist device patients. ESC Heart Failure, 2020, 7, 4241-4246.	3.1	7
74	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.	1.6	2
75	International experience using a durable, centrifugal-flow ventricular assist device for biventricular support. Journal of Heart and Lung Transplantation, 2020, 39, 1372-1379.	0.6	14
76	Outcomes of coronary artery bypass grafting in patients with human immunodeficiency virus infection. Journal of Cardiac Surgery, 2020, 35, 2543-2549.	0.7	5
77	A Cyanotic Newborn with a Pink Right Upper Extremity. Case Reports in Pediatrics, 2020, 2020, 1-4.	0.4	0
78	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.	2.2	49
79	Thrombolysis as first-line therapy for Medtronic/HeartWare HVAD left ventricular assist device thrombosis. European Journal of Cardio-thoracic Surgery, 2020, 58, 1182-1191.	1.4	9
80	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.	3.3	10
81	Transition From Temporary to Durable Circulatory Support Systems. Journal of the American College of Cardiology, 2020, 76, 2956-2964.	2.8	38
82	Copeptin " prognostic relevance as a perioperative marker in pediatric cardiac surgery. Annals of Thoracic Surgery, 2020, , .	1.3	1
83	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.	1.4	28
84	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.	1.7	8
85	Blood stream infection and outcomes in recipients of a left ventricular assist device. European Journal of Cardio-thoracic Surgery, 2020, 58, 907-914.	1.4	11
86	Long-Term Survival of Patients With Advanced Heart Failure Receiving an Left Ventricular Assist Device Intended as a Bridge to Transplantation. Circulation: Heart Failure, 2020, 13, e006252.	3.9	30
87	Hemodynamic exercise responses with a continuous-flow left ventricular assist device: Comparison of patients' response and cardiorespiratory simulations. PLoS ONE, 2020, 15, e0229688.	2.5	10
88	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.	3.1	8
89	Pediatric donor management to optimize donor heart utilization. Pediatric Transplantation, 2020, 24, e13679.	1.0	3
90	ISHLT consensus statement on donor organ acceptability and management in pediatric heart transplantation. Journal of Heart and Lung Transplantation, 2020, 39, 331-341.	0.6	56

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91	Commentary: Transcending acceptable, moving toward optimal: Standardizing surgical configurations of ventricular assist device therapy. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 162, 1566-1567.	0.8	0
92	Recommendations for extracorporeal membrane oxygenation (ECMO) in COVID-19 patients. <i>Wiener Klinische Wochenschrift</i> , 2020, 132, 671-676.	1.9	9
93	Continuous LVAD monitoring reveals high suction rates in clinically stable outpatients. <i>Artificial Organs</i> , 2020, 44, E251-E262.	1.9	28
94	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.	0.7	1
95	The influence of left ventricular assist device inflow cannula position on thrombosis risk. <i>Artificial Organs</i> , 2020, 44, 939-946.	1.9	33
96	Paediatric aortic valve replacement using decellularized allografts. <i>European Journal of Cardio-thoracic Surgery</i> , 2020, 58, 817-824.	1.4	20
97	Early sT2 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.	2.2	36
98	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.	7.1	78
99	Impact of Bleeding Revision on Outcomes After Left Ventricular Assist Device Implantation. <i>Annals of Thoracic Surgery</i> , 2019, 108, 517-523.	1.3	10
100	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.	1.8	9
101	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> , 2019, 57, 684-690.	1.4	7
102	2019 EACTS Expert Consensus on long-term mechanical circulatory support. <i>European Journal of Cardio-thoracic Surgery</i> , 2019, 56, 230-270.	1.4	255
103	Functional capillary impairment in patients with ventricular assist devices. <i>Scientific Reports</i> , 2019, 9, 5909.	3.3	21
104	Noninvasive assessment of blood pressure in rotary blood pump recipients using a novel ultrasonic Doppler method. <i>International Journal of Artificial Organs</i> , 2019, 42, 226-232.	1.4	2
105	Extracorporeal membrane oxygenation for right ventricular support in left ventricular assist device recipients. <i>Annals of Cardiothoracic Surgery</i> , 2019, 8, 170-172.	1.7	0
106	LVAD Pump Flow Does Not Adequately Increase With Exercise. <i>Artificial Organs</i> , 2019, 43, 222-228.	1.9	31
107	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.	1.3	19
108	Sternotomy Sparing Thoratec Heartmate 3 Implantation via Bilateral Minithoracotomy. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2018, 13, 74-76.	0.9	8

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109	Duration of extracorporeal membrane oxygenation support and survival in cardiovascular surgery patients. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 155, 2471-2476.	0.8	39
110	Minimally invasive approaches for implantation of left ventricular assist devices. <i>Indian Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 34, 177-182.	0.6	4
111	Worldwide Experience of a Durable Centrifugal Flow Pump in Pediatric Patients. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2018, 30, 327-335.	0.6	51
112	Interventional Treatment of LVAD Outflow Graft Stenosis by Introduction of Bare Metal Stents. <i>ASAIO Journal</i> , 2018, 64, e3-e7.	1.6	15
113	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.	1.4	22
114	Sternotomy Sparing Thoratec Heartmate 3 Implantation via Bilateral Minithoracotomy. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2018, 13, 74-76.	0.9	2
115	Surgical Technique for Redo-Sternotomy Sparing Heartware HVAD Exchanges. <i>Operative Techniques in Thoracic and Cardiovascular Surgery</i> , 2018, 23, 76-89.	0.3	1
116	Use of the Novel Surgical Enhancement Tools for Less Invasive Abbott HeartMate 3 Implantation. <i>Annals of Thoracic Surgery</i> , 2018, 106, e209-e210.	1.3	4
117	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.	2.2	62
118	International Analysis of LVAD Point-of-Care Versus Plasma INR: A Multicenter Study. <i>ASAIO Journal</i> , 2018, 64, e161-e165.	1.6	7
119	A Standardized Telephone Intervention Algorithm Improves the Survival of Ventricular Assist Device Outpatients. <i>Artificial Organs</i> , 2018, 42, 961-969.	1.9	16
120	Driving After Left Ventricular Assist Device Implantation. <i>Artificial Organs</i> , 2018, 42, 695-699.	1.9	12
121	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.	0.6	60
122	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.	1.4	15
123	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.	1.1	92
124	Increased Thromboembolic Events With Dabigatran Compared With Vitamin K Antagonism in Left Ventricular Assist Device Patients. <i>Circulation: Heart Failure</i> , 2017, 10, .	3.9	64
125	Myocardial Recovery in Peripartum Cardiomyopathy After Hyperprolactinemia Treatment on BIVAD. <i>ASAIO Journal</i> , 2017, 63, 109-111.	1.6	5
126	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, .	3.9	1

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127	Exercise Performance During the First Two Years After Left Ventricular Assist Device Implantation. ASAIO Journal, 2017, 63, 408-413.	1.6	20
128	Impact of Right Ventricular Performance in Patients Undergoing Extracorporeal Membrane Oxygenation Following Cardiac Surgery. Journal of the American Heart Association, 2017, 6, .	3.7	13
129	From Research Lab to Clinical Routine of MCS. ASAIO Journal, 2017, 63, e51-e51.	1.6	0
130	Percutaneous Transcatheter Implantable Gadgets for De Novo Aortic Valve Regurgitation After Left Ventricular Assist Device Implant: Pushing the Limits or a Feasible Bailout?. ASAIO Journal, 2017, 63, 115-116.	1.6	0
131	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.	1.3	63
132	To Pump or Not to Pump: The Role of CPB or ECMO. , 2017, , 265-269.		0
133	Which Approach? Traditional Versus MICS. , 2017, , 241-251.		1
134	Daily Life Activity in Patients with Left Ventricular Assist Devices. International Journal of Artificial Organs, 2016, 39, 22-27.	1.4	15
135	Debate. Current Opinion in Cardiology, 2016, 31, 337-342.	1.8	12
136	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.	1.4	51
137	Multicentre clinical trial experience with the HeartMate 3 left ventricular assist device: 30-day outcomes. European Journal of Cardio-thoracic Surgery, 2016, 50, 548-554.	1.4	39
138	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.	1.4	46
139	High-Intensity Transient Signals in the Outflow Graft and Thrombosis of a HeartWare Left Ventricular Assist Device. Annals of Thoracic Surgery, 2016, 101, e83-e85.	1.3	7
140	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.	2.7	38
141	Continuous Monitoring of Aortic Valve Opening in Rotary Blood Pump Patients. IEEE Transactions on Biomedical Engineering, 2016, 63, 1201-1207.	4.2	29
142	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.	1.3	10
143	Fully Magnetically Levitated Left Ventricular Assist System for Treating Advanced HF. Journal of the American College of Cardiology, 2015, 66, 2579-2589.	2.8	208
144	Outpatient Management of Intra-Corporeal Left Ventricular Assist Device System in Children: A Multi-Center Experience. American Journal of Transplantation, 2015, 15, 453-460.	4.7	66

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145	Identification and Management of Pump Thrombus in the HeartWare Left Ventricular Assist Device System. <i>JACC: Heart Failure</i> , 2015, 3, 849-856.	4.1	77
146	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.	1.8	70
147	Viennese approach to minimize the invasiveness of ventricular assist device implantation. <i>European Journal of Cardio-thoracic Surgery</i> , 2014, 46, 991-996.	1.4	79
148	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.	1.4	56
149	Repair of Left Ventricular Assist Device Driveline Damage Directly at the Transcutaneous Exit Site. <i>Artificial Organs</i> , 2014, 38, 422-425.	1.9	16
150	Usability of Ventricular Assist Devices in Daily Experience: A Multicenter Study. <i>Artificial Organs</i> , 2014, 38, 751-760.	1.9	24
151	Assessment of Aortic Valve Opening During Rotary Blood Pump Support Using Pump Signals. <i>Artificial Organs</i> , 2014, 38, 290-297.	1.9	25
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