Evgenij V Potapov

List of Publications by Year in Descending Order

195 papers	6,471 citations	40 h-index	74 g-index
235 ext. papers	7,640 ext. citations	3.5 avg, IF	5.36 L-index

#	Paper	IF	Citations
195	Bacteriophage therapy as a treatment option for complex cardiovascular implant infection: The German Heart Center Berlin experience.. *Journal of Heart and Lung Transplantation*, **2022**,	5.8	2
194	Comparison of feasibility and results of frailty assessment methods prior to left ventricular assist device implantation.. *ESC Heart Failure*, **2022**,	3.7	2
193	Temporary mechanical circulatory support: Devices, outcomes, and future directions.. *Journal of Heart and Lung Transplantation*, **2022**,	5.8	1
192	Lived experiences of patients implanted with left ventricular assist devices. *Heart and Lung: Journal of Acute and Critical Care*, **2022**, 55, 155-161	2.6	1
191	Right Ventricular Assist Device **2022**, 137-144		
190	Impact of Muscle Mass as a Prognostic Factor for Failed Waiting Time Prior to Heart Transplantation. *Frontiers in Cardiovascular Medicine*, **2021**, 8, 731293	5.4	
189	Missing the blind spot in a HeartMate 3 outflow graft obstruction caused by fungal infection. *Artificial Organs*, **2021**, 46, 155	2.6	0
188	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
187	Fluorescence In Situ Hybridization and Polymerase Chain Reaction to Detect Infections in Patients With Left Ventricular Assist Devices. *ASAIO Journal*, **2021**, 67, 536-545	3.6	3
186	Contemporary outcomes of continuous-flow left ventricular assist devices-a systematic review. *Annals of Cardiothoracic Surgery*, **2021**, 10, 186-208	4.7	4
185	Eye Tracking Supported Human Factors Testing Improving Patient Training. *Journal of Medical Systems*, **2021**, 45, 55	5.1	1
184	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
183	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
182	Contemporary outcomes of continuous-flow biventricular assist devices. *Annals of Cardiothoracic Surgery*, **2021**, 10, 311-328	4.7	0
181	Durable mechanical circulatory support in patients with heart failure with preserved ejection fraction. *Interactive Cardiovascular and Thoracic Surgery*, **2021**, 33, 628-630	1.8	0
180	Development of tricuspid regurgitation and right ventricular performance after implantation of centrifugal left ventricular assist devices. *Annals of Cardiothoracic Surgery*, **2021**, 10, 364-374	4.7	0
179	The outcome of patients with peripartum cardiomyopathy and consecutive implantation of a left ventricular assist device. *Journal of Cardiac Surgery*, **2021**, 36, 2651-2657	1.3	3

178	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	
177	ECMELLA 2.0: Single Arterial Access Technique for a Staged Approach in Cardiogenic Shock. *Annals of Thoracic Surgery*, **2021**, 111, e135-e137	2.7	8
176	A Novel Hybrid Membrane VAD as First Step Toward Hemocompatible Blood Propulsion. *Annals of Biomedical Engineering*, **2021**, 49, 716-731	4.7	1
175	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
174	The "TIDE"-Algorithm for the Weaning of Patients With Cardiogenic Shock and Temporarily Mechanical Left Ventricular Support With Impella Devices. A Cardiovascular Physiology-Based Approach. *Frontiers in Cardiovascular Medicine*, **2021**, 8, 563484	5.4	0
173	Percutaneous mitral valve repair assisted by a catheter-based circulatory support device in a heart transplant patient. *Journal of Cardiac Surgery*, **2021**, 36, 3905-3909	1.3	1
172	Propensity score-based analysis of 30-day survival in cardiogenic shock patients supported with different microaxial left ventricular assist devices. *Journal of Cardiac Surgery*, **2021**, 36, 4141-4152	1.3	3
171	First in man evaluation of a novel circulatory support device: Early experience with the Impella 5.5 after CE mark approval in Germany. *Journal of Heart and Lung Transplantation*, **2021**, 40, 850-855	5.8	4
170	Systems of conductive skin for power transfer in clinical applications. *European Biophysics Journal*, **2021**, 1	1.9	0
169	On the function of biosynthesized cellulose as barrier against bacterial colonization of VAD drivelines. *Scientific Reports*, **2021**, 11, 18776	4.9	0
168	Successful case of adjunctive intravenous bacteriophage therapy to treat left ventricular assist device infection. *Journal of Infection*, **2021**, 83, e1-e3	18.9	5
167	Providing safe perioperative care in cardiac surgery during the COVID-19 pandemic. *Baillierefs Best Practice and Research in Clinical Anaesthesiology*, **2021**, 35, 321-332	4	0
166	Experience with a standardized protocol to predict successful explantation of left ventricular assist devices. *Journal of Thoracic and Cardiovascular Surgery*, **2021**,	1.5	5
165	Surgical Implantation Techniques of Modern Continuous Flow Ventricular Assist Devices. *Surgical Technology International*, **2021**, 37, 263-269	0.8	0
164	Transition From Temporary to Durable Circulatory Support Systems. *Journal of the American College of Cardiology*, **2020**, 76, 2956-2964	15.1	16
163	Surgical treatment of outflow graft kinking complicated by external obstruction with a fibrin mass in a patient with LVAD. *Journal of Cardiac Surgery*, **2020**, 35, 2853-2856	1.3	2
162	Regarding The STS/Intermacs 2019 Annual Report. *Annals of Thoracic Surgery*, **2020**, 110, 1783	2.7	2
161	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

160	Outcomes of patients after successful left ventricular assist device explantation: a EUROMACS study. *ESC Heart Failure*, **2020**, 7, 1085-1094	3.7	14
159	Heart failure etiology and risk of right heart failure in adult left ventricular assist device support: the European Registry for Patients with Mechanical Circulatory Support (EUROMACS). *Scandinavian Cardiovascular Journal*, **2020**, 54, 306-314	2	3
158	Longest Ongoing Support (13 Years) with Magnetically Levitated Left Ventricular Assist Device. *ASAIO Journal*, **2020**, 66, e121-e122	3.6	1
157	Global work index correlates with established prognostic parameters of heart failure. *Echocardiography*, **2020**, 37, 412-420	1.5	12
156	Computed Tomography and Fluoroscopic Angiography in Management of Left Ventricular Assist Device Outflow Graft Obstruction. *JACC: Cardiovascular Imaging*, **2020**, 13, 2036-2042	8.4	8
155	Impact of preoperative atrial fibrillation on thromboembolic events and pump thrombosis in long-term left ventricular assist device therapy. *European Journal of Cardio-thoracic Surgery*, **2020**, 57, 325-330	3	1
154	Mechanical Circulatory Support Therapies: Right Timing and Prognosis Considerations **2020**, 141-150		
153	Treatment of chronic left ventricular assist device infection with local application of bacteriophages. *European Journal of Cardio-thoracic Surgery*, **2020**, 57, 1003-1004	3	16
152	Successful bacteriophage treatment of infection involving cardiac implantable electronic device and aortic graft: a Trojan horse concept. *Europace*, **2020**, 22, 597	3.9	5
151	Clinical signs of right ventricular failure following implantation of a left ventricular assist device. *European Journal of Heart Failure*, **2020**, 22, 383-384	12.3	3
150	Extended right posterior liver sectionectomy for HCC in a patient with left ventricular assist device-a case report. *Journal of Surgical Case Reports*, **2020**, 2020, rjaa307	0.6	
149	Safety of bioelectrical impedance analysis in advanced heart failure patients. *PACE - Pacing and Clinical Electrophysiology*, **2020**, 43, 1078-1085	1.6	4
148	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
147	Prediction of survival of patients in cardiogenic shock treated by surgically implanted Impella 5+ short-term left ventricular assist device. *Interactive Cardiovascular and Thoracic Surgery*, **2020**, 31, 475-482	1.8	10
146	Endovascular treatment of an anastomotic outflow graft pseudoaneurysm of the descending aorta after implantation of a left ventricular assist device. *Journal of Cardiac Surgery*, **2020**, 35, 3195-3198	1.3	
145	Retrospective 1-year outcome follow-up in 200 patients supported with HeartMate 3 and HeartWare left ventricular assist devices in a single centre. *European Journal of Cardio-thoracic Surgery*, **2020**, 57, 1160-1165	3	6
144	2019 EACTS Expert Consensus on long-term mechanical circulatory support. *European Journal of Cardio-thoracic Surgery*, **2019**, 56, 230-270	3	117
143	Mode-of-action of the PROPELLA concept in fulminant myocarditis. *European Heart Journal*, **2019**, 40, 2164-2169	9.5	32

142	Temporary mechanical circulatory support for refractory heart failure: the German Heart Center Berlin experience. *Annals of Cardiothoracic Surgery*, **2019**, 8, 76-83	4.7	17
141	Mechanical Unloading by Fulminant Myocarditis: LV-IMPELLA, ECMELLA, BI-PELLA, and PROPELLA Concepts. *Journal of Cardiovascular Translational Research*, **2019**, 12, 116-123	3.3	77
140	Results of primary biventricular support: an analysis of data from the EUROMACS registry. *European Journal of Cardio-thoracic Surgery*, **2019**, 56, 1037-1045	3	19
139	Permanent Implantable Cardiac Support Systems. *Deutsches Ärzteblatt International*, **2019**, 116, 843-848	2.5	18
138	A Novel Technique for Transcatheter Aortic Valve Replacement in Pure Aortic Regurgitation. *Annals of Thoracic Surgery*, **2019**, 107, e177-e179	2.7	3
137	Outcomes from a recovery protocol for patients with continuous-flow left ventricular assist devices. *Journal of Heart and Lung Transplantation*, **2019**, 38, 440-448	5.8	13
136	Predictors of mid-term outcomes in patients undergoing implantation of a ventricular assist device directly after extracorporeal life support. *European Journal of Cardio-thoracic Surgery*, **2019**, 55, 773-779	3	24
135	Intracorporeal Biventricular Assist Device Therapy in an 8-Year-Old Child. *Seminars in Thoracic and Cardiovascular Surgery*, **2019**, 31, 110-111	1.7	1
134	Recovery plug for HeartMate 3 left ventricular assist device. *Journal of Thoracic and Cardiovascular Surgery*, **2019**, 157, e35-e37	1.5	7
133	Prognostic value of 3-dimensional echocardiographical heart volume assessment in patients scheduled for left ventricular assist device implantation. *European Journal of Cardio-thoracic Surgery*, **2018**, 54, 169-175	3	3
132	A case of an obstructive inflow thrombus in a HeartMate 3 from the left ventricle into the pump. *Journal of Heart and Lung Transplantation*, **2018**, 37, 172-173	5.8	10
131	Life on the driveline: Molecular detection and fluorescence in situ hybridization-based visualization of microbial species in patients with left ventricular assist devices. *Journal of Heart and Lung Transplantation*, **2018**, 37, 163-166	5.8	7
130	Late post-pump blood flow obstruction in a novel left ventricular assist device: The unusual case of a twisted outflow graft. *Journal of Thoracic and Cardiovascular Surgery*, **2018**, 155, e33-e35	1.5	18
129	Two implantable continuous-flow ventricular assist devices in a biventricular configuration: technique and results. *Interactive Cardiovascular and Thoracic Surgery*, **2018**, 27, 938-942	1.8	8
128	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
127	Strategy for surgical correction and mitigation of outflow graft twist with a centrifugal-flow left ventricular assist system. *Journal of Heart and Lung Transplantation*, **2018**, 37, 670-673	5.8	20
126	Heart Failure After 5 Years on LVAD: Diagnosis and Treatment of Outflow Graft Obstruction. *ASAIO Journal*, **2017**, 63, e1-e2	3.6	13
125	Emergency procedures for patients with a continuous flow left ventricular assist device. *Emergency Medicine Journal*, **2017**, 34, 831-841	1.5	10

124	Off-pump implantation of the HeartMate 3 left ventricular assist device through a bilateral thoracotomy approach. *Journal of Thoracic and Cardiovascular Surgery*, **2017**, 153, 104-105	1.5	17
123	Preoperative Evaluation of Right Ventricular Function **2017**, 75-91		3
122	Aortic Valve Pathology in Patients Supported by Continuous-Flow Left Ventricular Assist Device. *Circulation Journal*, **2016**, 80, 1371-7	2.9	17
121	Surgical management of driveline infections in patients with left ventricular assist devices. *Journal of Cardiac Surgery*, **2016**, 31, 765-771	1.3	14
120	Diagnosis and Treatment Algorithm for Blood Flow Obstructions in Patients With Left Ventricular Assist Device. *Journal of the American College of Cardiology*, **2016**, 67, 2758-2768	15.1	84
119	Rotary Blood Pumps as Long-Term Mechanical Circulatory Support: A Review of a 15-Year Berlin Experience. *Seminars in Thoracic and Cardiovascular Surgery*, **2016**, 28, 12-23	1.7	8
118	Role of Survival Scores Before Left Ventricular Assist Device Implantation: The New CHRiSS Compared to the HeartMate II Score. *ASAIO Journal*, **2016**, 62, 438-41	3.6	1
117	Mechanical Circulatory Support in End-Stage Heart Failure: Bridge to Transplantation and Destination Therapy **2016**, 21-32		
116	Biventricular support using 2 HeartMate 3 pumps. *Journal of Heart and Lung Transplantation*, **2016**, 35, 1268-1270	5.8	26
115	Long-term follow-up of a patient with Uhl anomaly after biologic and mechanical circulatory support. *Journal of Thoracic and Cardiovascular Surgery*, **2015**, 149, e115-6	1.5	0
114	The European Registry for Patients with Mechanical Circulatory Support (EUROMACS): first annual report. *European Journal of Cardio-thoracic Surgery*, **2015**, 47, 770-6; discussion 776-7	3	59
113	A promoter polymorphism -945C>G in the connective tissue growth factor in heart failure patients with mechanical circulatory support: a new marker for bridge to recovery?. *European Journal of Cardio-thoracic Surgery*, **2015**, 47, e29-33	3	2
112	Neo-Left Atrium Construction on the Beating Heart After Extirpation of a Huge Mediastinal Tumor Invading Heart and Lung. *Annals of Thoracic Surgery*, **2015**, 100, 2350-2	2.7	
111	Design changes in continuous-flow left ventricular assist devices and life-threatening pump malfunctions. *European Journal of Cardio-thoracic Surgery*, **2015**, 47, 984-9	3	22
110	Cerebral protection system applied during washout of thrombus occluding inflow cannula of HeartWare HVAD left ventricular assist device. *Journal of Heart and Lung Transplantation*, **2015**, 34, 1640-1	5.8	8
109	Reimplantation of left ventricular assist device late after weaning of device using a titanium plug. *Journal of Heart and Lung Transplantation*, **2014**, 33, 972-4	5.8	4
108	Minimally invasive continuous-flow left ventricular assist device implantation: Avoiding a median sternotomy. *Journal of Heart and Lung Transplantation*, **2014**, 33, 1199-200	5.8	7
107	Use of polytetrafluoroethylene vascular graft to cover the kinking protector of left ventricular assist device facilitates later pump exchange. *Journal of Thoracic and Cardiovascular Surgery*, **2014**, 148, 745-6	1.5	5

106	Acoustic spectral analysis for determining pump thrombosis in rotary blood pumps. *ASAIO Journal*, **2014**, 60, 502-7	3.6	35
105	Cardiac allograft failure: retransplant or long-term ventricular assist device?. *Journal of Thoracic and Cardiovascular Surgery*, **2014**, 147, e29-30	1.5	0
104	Anticoagulation assessment. *Annals of Cardiothoracic Surgery*, **2014**, 3, 538-40	4.7	4
103	Concomitant surgery during ventricular assist device implantation. *Annals of Cardiothoracic Surgery*, **2014**, 3, 630-1	4.7	5
102	Different surgical strategies for implantation of continuous-flow VADs-Experience from Deutsches Herzzentrum Berlin. *Annals of Cardiothoracic Surgery*, **2014**, 3, 472-4	4.7	23
101	The 2013 International Society for Heart and Lung Transplantation Guidelines for mechanical circulatory support: executive summary. *Journal of Heart and Lung Transplantation*, **2013**, 32, 157-87	5.8	991
100	Impella 2.5 in a patient with left main coronary artery occlusion. *Journal of Cardiology Cases*, **2013**, 7, e142-e144	0.6	
99	Thrombosis and cable damage in the HeartWare pump: clinical decisions and surgical technique. *ASAIO Journal*, **2013**, 59, 37-40	3.6	28
98	Load dependency of right ventricular performance is a major factor to be considered in decision making before ventricular assist device implantation. *Circulation*, **2013**, 128, S14-23	16.7	66
97	Temporary right ventricular mechanical support in high-risk left ventricular assist device recipients versus permanent biventricular or total artificial heart support. *Artificial Organs*, **2013**, 37, 523-30	2.6	45
96	Management of complications in long-term LVAD support. *International Journal of Artificial Organs*, **2013**, 36, 444-6	1.9	3
95	Role of β-adrenoceptor autoantibodies in the pathogenesis of dilated cardiomyopathy. *Immunobiology*, **2012**, 217, 511-20	3.4	40
94	Impact of tricuspid valve annulus dilation on mid-term survival after implantation of a left ventricular assist device. *Journal of Heart and Lung Transplantation*, **2012**, 31, 967-71	5.8	30
93	Arterial wall histology in chronic pulsatile-flow and continuous-flow device circulatory support. *Journal of Heart and Lung Transplantation*, **2012**, 31, 1171-6	5.8	30
92	Simultaneous aortic valve replacement in left ventricular assist device recipients: single-center experience. *International Journal of Artificial Organs*, **2012**, 35, 489-94	1.9	36
91	Preexisting mitral valve prosthesis in patients undergoing left ventricular assist device implantation. *Artificial Organs*, **2012**, 36, 49-53	2.6	14
90	Expeditious and less traumatic explantation of a heartware LVAD after myocardial recovery. *ASAIO Journal*, **2012**, 58, 542-4	3.6	11
89	Gender differences during mechanical circulatory support. *ASAIO Journal*, **2012**, 58, 320-5	3.6	16

88	Mechanical circulatory support of systemic ventricle in adults with transposition of great arteries. *ASAIO Journal*, **2012**, 58, 12-4	3.6	21
87	Preoperative treatment with levosimendan in candidates for mechanical circulatory support. *ASAIO Journal*, **2012**, 58, 6-11	3.6	26
86	Pre-explant stability of unloading-promoted cardiac improvement predicts outcome after weaning from ventricular assist devices. *Circulation*, **2012**, 126, S9-19	16.7	45
85	Discontinuation of HeartWare RVAD support without device removal in chronic BIVAD patients. *ASAIO Journal*, **2012**, 58, 15-8	3.6	23
84	Pump exchange for cable damage in patients supported with HeartMate II left ventricular assist device. *ASAIO Journal*, **2012**, 58, 578-82	3.6	22
83	Predictors of in-hospital mortality in children after long-term ventricular assist device insertion. *Journal of the American College of Cardiology*, **2011**, 58, 1183-90	15.1	36
82	Right-to-left ventricular end-diastolic diameter ratio and prediction of right ventricular failure with continuous-flow left ventricular assist devices. *Journal of Heart and Lung Transplantation*, **2011**, 30, 64-9	5.8	135
81	Inhaled nitric oxide after left ventricular assist device implantation: a prospective, randomized, double-blind, multicenter, placebo-controlled trial. *Journal of Heart and Lung Transplantation*, **2011**, 30, 870-8	5.8	69
80	Evaluation of the HeartWare HVAD centrifugal pump for right ventricular assistance in an in vitro model. *ASAIO Journal*, **2011**, 57, 183-7	3.6	40
79	Managing long-term complications of left ventricular assist device therapy. *Current Opinion in Cardiology*, **2011**, 26, 237-44	2.1	33
78	Biological mitral valve prosthesis in a patient supported with a permanent left ventricle assist device. *ASAIO Journal*, **2011**, 57, 550-2	3.6	
77	Simple implantation of a temporary right ventricular device for right ventricular failure after left ventricular device implantation via a left lateral thoracotomy. *ASAIO Journal*, **2011**, 57, 17-8	3.6	9
76	Retrospective hemolysis comparison between patients with centrifugal biventricular assist and left ventricular assist devices. *ASAIO Journal*, **2011**, 57, 382-7	3.6	24
75	Tricuspid valve repair in patients supported with left ventricular assist devices. *ASAIO Journal*, **2011**, 57, 363-7	3.6	26
74	Single-center experience with treatment of cardiogenic shock in children by pediatric ventricular assist devices. *Journal of Thoracic and Cardiovascular Surgery*, **2011**, 141, 616-23, 623.e1	1.5	58
73	Acute impact of left ventricular unloading by left ventricular assist device on the right ventricle geometry and function: effect of nitric oxide inhalation. *Journal of Thoracic and Cardiovascular Surgery*, **2011**, 141, 1009-14	1.5	60
72	First experiences with the HeartWare ventricular assist system in children. *Annals of Thoracic Surgery*, **2011**, 91, 1256-60	2.7	135
71	Is bridge to recovery more likely with pulsatile left ventricular assist devices than with nonpulsatile-flow systems?. *Annals of Thoracic Surgery*, **2011**, 91, 1335-40	2.7	81

70	Mechanical circulatory support-results, developments and trends. *Journal of Cardiovascular Translational Research*, **2011**, 4, 332-9	3.3	18
69	Neurohumoral and inflammatory markers for prediction of right ventricular failure after implantation of a left ventricular assist device. *General Thoracic and Cardiovascular Surgery*, **2011**, 59, 19-24	1.6	18
68	Reversibility of fixed pulmonary hypertension in left ventricular assist device support recipients. *European Journal of Cardio-thoracic Surgery*, **2011**, 40, 971-7	3	50
67	Outcomes of ventricular assist device support in young patients with small body surface area. *European Journal of Cardio-thoracic Surgery*, **2011**, 39, 699-704	3	54
66	Biventricular circulatory support with two miniaturized implantable assist devices. *Circulation*, **2011** , 124, S179-86	16.7	158
65	Alternative technique for implantation of biventricular support with HeartWare implantable continuous flow pump. *ASAIO Journal*, **2011**, 57, 333-5	3.6	26
64	Long-term mechanical circulatory support in 198 patients: largest single-center experience worldwide. *ASAIO Journal*, **2011**, 57, 9-16	3.6	15
63	Heart failure reversal by ventricular unloading in patients with chronic cardiomyopathy: criteria for weaning from ventricular assist devices. *European Heart Journal*, **2011**, 32, 1148-60	9.5	121
62	Left ventricular assist device or heart transplantation: impact of transpulmonary gradient and pulmonary vascular resistance on decision making. *European Journal of Cardio-thoracic Surgery*, **2011**, 39, 310-6	3	20
61	Prediction of survival in patients with cardiogenic shock and multiorgan failure treated with biventricular assist device. *ASAIO Journal*, **2010**, 56, 273-8	3.6	13
60	Right ventricular failure after left ventricular assist device implantation with concomitant pulmonary embolectomy needing right ventricular assist device support in a patient with terminal heart failure and asymptomatic pulmonary thrombus. *Interactive Cardiovascular and Thoracic Surgery*, **2010**, 10, 154-5	1.8	6
59	Outcomes of elective versus emergent permanent mechanical circulatory support in the elderly: a single-center experience. *Journal of Heart and Lung Transplantation*, **2010**, 29, 61-5	5.8	23
58	Long-term biventricular support with the heartware implantable continuous flow pump. *Journal of Heart and Lung Transplantation*, **2010**, 29, 822-4	5.8	129
57	A titanium plug simplifies left ventricular assist device removal after myocardial recovery. *Journal of Heart and Lung Transplantation*, **2010**, 29, 1316-7	5.8	21
56	Accidental intraperitoneal tunneling of driveline of left ventricular assist device. *Annals of Thoracic Surgery*, **2010**, 90, 1690-1	2.7	4
55	Levitronix CentriMag to Berlin Heart Excor: a "bridge to bridge" solution in refractory cardiogenic shock. *ASAIO Journal*, **2009**, 55, 465-8	3.6	19
54	Tricuspid incompetence and geometry of the right ventricle as predictors of right ventricular function after implantation of a left ventricular assist device. *Journal of Heart and Lung Transplantation*, **2008**, 27, 1275-81	5.8	186
53	Unusual tumor in the left ventricular outflow tract. *Annals of Thoracic Surgery*, **2008**, 85, 315-7	2.7	

52	Body mass index and outcome after ventricular assist device placement. *Annals of Thoracic Surgery*, **2008**, 86, 1236-42	2.7	57
51	Prediction of cardiac stability after weaning from left ventricular assist devices in patients with idiopathic dilated cardiomyopathy. *Circulation*, **2008**, 118, S94-105	16.7	132
50	Experience with over 1000 implanted ventricular assist devices. *Journal of Cardiac Surgery*, **2008**, 23, 185-94	1.3	87
49	Ventricular assist devices in children: current achievements and future perspectives. *Pediatric Transplantation*, **2007**, 11, 241-55	1.8	69
48	CO(2) embolism during minimally invasive vein harvesting. *European Journal of Cardio-thoracic Surgery*, **2007**, 31, 944-5	3	4
47	Ventricular assist device and mechanical circulatory support for children. *Current Opinion in Organ Transplantation*, **2007**, 12, 522-528	2.5	3
46	Intramyocardial delivery of bone marrow mononuclear cells and mechanical assist device implantation in patients with end-stage cardiomyopathy. *Cell Transplantation*, **2007**, 16, 941-9	4	28
45	Impact of heparin-induced thrombocytopenia on outcome in patients with ventricular assist device support: single-institution experience in 358 consecutive patients. *Annals of Thoracic Surgery*, **2007**, 83, 72-6	2.7	78
44	Patients supported for over 4 years with left ventricular assist devices. *European Journal of Heart Failure*, **2006**, 8, 756-9	12.3	15
43	Impact of PlA polymorphism of platelet GP IIb/IIIa receptors on clinical course during long-term LVAD support is independent of type of LVAD. *Annals of Thoracic Surgery*, **2006**, 82, 1167	2.7	2
42	Improvement in survival after mechanical circulatory support with pneumatic pulsatile ventricular assist devices in pediatric patients. *Annals of Thoracic Surgery*, **2006**, 82, 917-24; discussion 924-5	2.7	144
41	Mechanical cardiac support in the young with the Berlin Heart EXCOR pulsatile ventricular assist device: 15 yearsRexperience. *Pediatric Cardiac Surgery Annual*, **2006**, 99-108	2.1	87
40	Long-term results in patients with idiopathic dilated cardiomyopathy after weaning from left ventricular assist devices. *Circulation*, **2005**, 112, I37-45	16.7	150
39	Longest time of support by the Novacor left ventricular assist device without pump exchange. *Annals of Thoracic Surgery*, **2005**, 80, 2421	2.7	8
38	Bridging to transplantability with a ventricular assist device. *Journal of Thoracic and Cardiovascular Surgery*, **2005**, 130, 930	1.5	17
37	Natriuretic peptides and E-selectin as predictors of acute deterioration in patients with inotrope-dependent heart failure. *European Journal of Cardio-thoracic Surgery*, **2005**, 27, 899-905	3	25
36	First experiences with a novel magnetically suspended axial flow left ventricular assist device. *European Journal of Cardio-thoracic Surgery*, **2004**, 25, 964-70	3	104
35	Clinical significance of PlA polymorphism of platelet GP IIb/IIIa receptors during long-term VAD support. *Annals of Thoracic Surgery*, **2004**, 77, 869-74; discussion 874	2.7	30

34	Implantation of MicroMed DeBakey VAD through left thoracotomy after previous median sternotomy operations. *Annals of Thoracic Surgery*, **2004**, 77, 347-50	2.7	21
33	Transcontinental transport of a patient with an AbioMed BVS 5000 BVAD. *Annals of Thoracic Surgery*, **2004**, 77, 1428-30	2.7	9
32	Effect of acute brain death on release of atrium and B-type natriuretic peptides in an animal model. *Transplantation*, **2004**, 77, 985-90	1.8	3
31	Development of a database of patients supported by ventricular assist devices. *ASAIO Journal*, **2003**, 49, 340-4	3.6	6
30	Impact of body mass index on outcome in patients after coronary artery bypass grafting with and without valve surgery. *European Heart Journal*, **2003**, 24, 1933-41	9.5	112
29	New approach in treatment of acute cardiogenic shock requiring mechanical circulatory support. *Annals of Thoracic Surgery*, **2003**, 76, 2112-4	2.7	17
28	Elevated donor cardiac troponin T and procalcitonin indicate two independent mechanisms of early graft failure after heart transplantation. *International Journal of Cardiology*, **2003**, 92, 163-7	3.2	38
27	The MicroMed DeBakey VAD--part I: The pump and the blood flow. *Journal of Extra-Corporeal Technology*, **2003**, 35, 274-83	0.4	2
26	Application of stereolithography for scaffold fabrication for tissue engineered heart valves. *ASAIO Journal*, **2002**, 48, 12-6	3.6	165
25	Impact of cardiac surgery using cardiopulmonary bypass on course of chronic lymphatic leukemia: a case-control study. *Annals of Thoracic Surgery*, **2002**, 74, 384-9	2.7	20
24	Activated recombinant factor VII for control of diffuse bleeding after implantation of ventricular assist device. *Annals of Thoracic Surgery*, **2002**, 74, 2182-3	2.7	44
23	Tissue-engineering bioreactors: a new combined cell-seeding and perfusion system for vascular tissue engineering. *Tissue Engineering*, **2002**, 8, 863-70		107
22	Prognosis after the implantation of an intra-aortic balloon pump in cardiac surgery calculated with a new score. *Circulation*, **2002**, 106, I203-6	16.7	35
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