

# Kiyotaka Fukamachi

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/4718882/kiyotaka-fukamachi-publications-by-year.pdf>

**Version:** 2024-04-29

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

140  
papers

2,410  
citations

25  
h-index

44  
g-index

153  
ext. papers

2,789  
ext. citations

2.7  
avg, IF

4.52  
L-index

#	Paper	IF	Citations
140	Research and Development for Creating a Universal Ventricular Assist Device <b>2022</b> , 121-135		
139	Advanced Approaches for Total Artificial Heart Development <b>2022</b> , 145-165		
138	Intraoperative Cardiac Deairing: New Concept and Technology <b>2022</b> , 377-390		
137	Demand for Mechanical Circulatory Support <b>2022</b> , 63-77		
136	Left atrial assist device function at various heart rates using a mock circulation loop. <i>International Journal of Artificial Organs</i> , <b>2021</b> , 44, 465-470	1.9	3
135	Large animal models of heart failure with preserved ejection fraction. <i>Heart Failure Reviews</i> , <b>2021</b> , 1	5	0
134	The Effects of Preserving Mitral Valve Function on a Left Atrial Assist Device: An In Vitro Mock Circulation Loop Study. <i>ASAIO Journal</i> , <b>2021</b> , 67, 567-572	3.6	3
133	Left atrial assist device for heart failure with preserved ejection fraction: initial results with torque control mode in diastolic heart failure model. <i>Heart Failure Reviews</i> , <b>2021</b> , 1	5	3
132	Left atrial assist device to treat patients with heart failure with preserved ejection fraction: Initial in vitro study. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2021</b> , 162, 120-126	1.5	12
131	Device-based treatment options for heart failure with preserved ejection fraction. <i>Heart Failure Reviews</i> , <b>2021</b> , 26, 749-762	5	7
130	Acute Response of Human Aortic Endothelial Cells to Loss of Pulsatility as Seen during Cardiopulmonary Bypass. <i>Cells Tissues Organs</i> , <b>2021</b> , 1-11	2.1	4
129	Modeling of Virtual Mechanical Circulatory Hemodynamics for Biventricular Heart Failure Support. <i>Cardiovascular Engineering and Technology</i> , <b>2020</b> , 11, 699-707	2.2	
128	Quantification of ocular surface microcirculation by computer assisted video microscopy and diffuse reflectance spectroscopy. <i>Experimental Eye Research</i> , <b>2020</b> , 201, 108312	3.7	1
127	An advanced universal circulatory assist device for left and right ventricular support: First report of an acute in vivo implant. <i>JTCVS Open</i> , <b>2020</b> , 3, 140-148	0.2	0
126	Effects of blood pump orientation on performance: In vitro assessment of universal advanced ventricular assist device. <i>Artificial Organs</i> , <b>2020</b> , 44, 1055-1060	2.6	2
125	Continuous-flow total artificial heart port-to-port connection technique using dedicated de-airing sleeve. <i>Perfusion (United Kingdom)</i> , <b>2020</b> , 35, 861-864	1.9	1
124	Development and Evaluation of Motion-activated System for Improved Chest Drainage: Bench, In Vivo Results, and Pilot Clinical Use of Technology. <i>Surgical Innovation</i> , <b>2020</b> , 27, 507-514	2	0

123	Development of a circulatory mock loop for biventricular device testing with various heart conditions. <i>International Journal of Artificial Organs</i> , <b>2020</b> , 43, 600-605	1.9	2
122	Use of a Virtual Mock Loop model to evaluate a new left ventricular assist device for transapical insertion. <i>International Journal of Artificial Organs</i> , <b>2020</b> , 43, 677-683	1.9	
121	A simulation tool for mechanical circulatory support device interaction with diseased states. <i>Journal of Artificial Organs</i> , <b>2020</b> , 23, 124-132	1.8	3
120	First In Vivo Experience With Biventricular Circulatory Assistance Using a Single Continuous Flow Pump. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , <b>2020</b> , 32, 456-465	1.7	2
119	Progress on Total Artificial Heart for Pediatric Patients <b>2020</b> , 599-608		
118	Anti-clogging mechanisms of a motion-activated chest tube patency maintenance system: Histology and high-speed camera assessment. <i>Artificial Organs</i> , <b>2020</b> , 44, 1162-1170	2.6	
117	The Development of Advanced Ventricular Assist Device as a Next Generation Ventricular Assist Device <b>2020</b> , 481-492		
116	Options for Modeling and Simulations Used in Mechanical Circulatory Support Development <b>2020</b> , 449-465		0
115	Cleveland Clinic Total Artificial Heart <b>2020</b> , 493-504		
114	Analysis of Cleveland Clinic continuous-flow total artificial heart performance using the Virtual Mock Loop: Comparison with an in vivo study. <i>Artificial Organs</i> , <b>2020</b> , 44, 375-383	2.6	1
113	Clinical Courses of HeartMate II Left Ventricular Assist Device Thrombosis. <i>ASAIO Journal</i> , <b>2020</b> , 66, 153-159	3.59	4
112	Continuous-flow total artificial heart: hemodynamic and pump-related changes associated with posture in a chronic calf model. <i>Journal of Artificial Organs</i> , <b>2019</b> , 22, 256-259	1.8	0
111	The design modification of advanced ventricular assist device to enhance pulse augmentation and regurgitant flow shut-off. <i>Artificial Organs</i> , <b>2019</b> , 43, 961-965	2.6	5
110	Simulated Performance of the Cleveland Clinic Continuous-Flow Total Artificial Heart Using the Virtual Mock Loop. <i>ASAIO Journal</i> , <b>2019</b> , 65, 565-572	3.6	6
109	Transient power elevation during iron dextran infusion in a patient with a continuous-flow left ventricular assist device. <i>International Journal of Artificial Organs</i> , <b>2019</b> , 42, 318-320	1.9	1
108	New Cardioscope-Based Platform for Minimally Invasive and Percutaneous Beating Heart Interventions. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , <b>2019</b> , 31, 209-215	1.7	0
107	Advantages of Integrating Pressure-Regulating Devices Into Mechanical Circulatory Support Pumps. <i>ASAIO Journal</i> , <b>2019</b> , 65, e1-e3	3.6	8
106	Early in vivo experience with the pediatric continuous-flow total artificial heart. <i>Journal of Heart and Lung Transplantation</i> , <b>2018</b> , 37, 1029-1034	5.8	13

105	Anatomical study of the Cleveland Clinic continuous-flow total artificial heart in adult and pediatric configurations. <i>Journal of Artificial Organs</i> , <b>2018</b> , 21, 383-386	1.8	7
104	Effects of continuous and pulsatile flows generated by ventricular assist devices on renal function and pathology. <i>Expert Review of Medical Devices</i> , <b>2018</b> , 15, 171-182	3.5	5
103	Acute Swine Model for Assessing Biocompatibility of Biomedical Interface Materials. <i>Tissue Engineering - Part C: Methods</i> , <b>2018</b> , 24, 69-73	2.9	1
102	Initial in vitro testing of a paediatric continuous-flow total artificial heart. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2018</b> , 26, 897-901	1.8	10
101	Lumbar muscle atrophy caused by harness replacement in a chronic calf model of total artificial heart implantation. <i>Journal of Artificial Organs</i> , <b>2018</b> , 21, 482-485	1.8	
100	New Technology Mimics Physiologic Pulsatile Flow During Cardiopulmonary Bypass. <i>Artificial Organs</i> , <b>2018</b> , 42, 231-235	2.6	4
99	Use of a Mechanical Circulatory Support Simulation to Study Pump Interactions With the Variable Hemodynamic Environment. <i>Artificial Organs</i> , <b>2018</b> , 42, E420-E427	2.6	7
98	Reply to Rescigno et al. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2018</b> , 54, 197-198	3	
97	Is a pulse absolutely necessary during cardiopulmonary bypass?. <i>Expert Review of Medical Devices</i> , <b>2017</b> , 14, 27-35	3.5	10
96	Moderate hypothermia technique for chronic implantation of a total artificial heart in calves. <i>Journal of Artificial Organs</i> , <b>2017</b> , 20, 182-185	1.8	
95	Generating pulsatility by pump speed modulation with continuous-flow total artificial heart in awake calves. <i>Journal of Artificial Organs</i> , <b>2017</b> , 20, 381-385	1.8	7
94	Unlocking the box: basic requirements for an ideal ventricular assist device controller. <i>Expert Review of Medical Devices</i> , <b>2017</b> , 14, 393-400	3.5	4
93	Current status of mechanical circulatory support for treatment of advanced end-stage heart failure: successes, shortcomings and needs. <i>Expert Review of Cardiovascular Therapy</i> , <b>2017</b> , 15, 377-387	2.5	8
92	Large animal models to test mechanical circulatory support devices. <i>Drug Discovery Today: Disease Models</i> , <b>2017</b> , 24, 47-53	1.3	0
91	Novel technique for airless connection of artificial heart to vascular conduits. <i>Journal of Artificial Organs</i> , <b>2017</b> , 20, 386-389	1.8	3
90	Impact of a refined advanced design for left atrial appendage exclusion. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2017</b> , 52, 1098-1103	3	6
89	Mechanism of Self-Regulation and In Vivo Performance of the Cleveland Clinic Continuous-Flow Total Artificial Heart. <i>Artificial Organs</i> , <b>2017</b> , 41, 411-417	2.6	19
88	Deairing Techniques for Double-Ended Centrifugal Total Artificial Heart Implantation. <i>Artificial Organs</i> , <b>2017</b> , 41, 568-572	2.6	4

87	The axial continuous-flow blood pump: Bench evaluation of changes in flow associated with changes of inflow cannula angle. <i>Journal of Heart and Lung Transplantation</i> , <b>2017</b> , 36, 106-112	5.8	2
86	Thrombotic Depositions on Right Impeller of Double-Ended Centrifugal Total Artificial Heart In Vivo. <i>Artificial Organs</i> , <b>2017</b> , 41, 476-481	2.6	2
85	Limitations to Chronic Right Ventricular Assist Device Support. <i>Annals of Thoracic Surgery</i> , <b>2016</b> , 102, 651-8	2.7	26
84	Mechanical circulatory support in pediatrics. <i>Expert Review of Medical Devices</i> , <b>2016</b> , 13, 507-14	3.5	5
83	Future Prospects for the Total Artificial Heart. <i>Expert Review of Medical Devices</i> , <b>2016</b> , 13, 191-201	3.5	8
82	Median Sternotomy or Right Thoracotomy Techniques for Total Artificial Heart Implantation in Calves. <i>Artificial Organs</i> , <b>2016</b> , 40, 1022-1027	2.6	9
81	The Contribution to Hemodynamics Even at Very Low Pump Speeds in the HVAD. <i>Annals of Thoracic Surgery</i> , <b>2016</b> , 101, 2260-4	2.7	8
80	Advanced ventricular assist device with pulse augmentation and automatic regurgitant-flow shut-off. <i>Journal of Heart and Lung Transplantation</i> , <b>2016</b> , 35, 1519-1521	5.8	14
79	First report of 90-day support of 2 calves with a continuous-flow total artificial heart. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2015</b> , 150, 687-93.e1	1.5	33
78	Does pulsatility matter in the era of continuous-flow blood pumps?. <i>Journal of Heart and Lung Transplantation</i> , <b>2015</b> , 34, 999-1004	5.8	65
77	Post-explant visualization of thrombi in outflow grafts and their junction to a continuous-flow total artificial heart using a high-definition miniaturized camera. <i>Journal of Artificial Organs</i> , <b>2015</b> , 18, 354-7	1.8	3
76	In Vitro hemodynamic characterization of HeartMate II at 6000 rpm: Implications for weaning and recovery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2015</b> , 150, 343-8	1.5	11
75	Anatomy of the bovine ascending aorta and brachiocephalic artery found unfavorable for total artificial heart implant. <i>Journal of Artificial Organs</i> , <b>2015</b> , 18, 358-60	1.8	3
74	Double-wire sternal closure technique in bovine animal models for total artificial heart implant. <i>International Journal of Artificial Organs</i> , <b>2015</b> , 38, 465-7	1.9	1
73	Human Fitting Studies of Cleveland Clinic Continuous-Flow Total Artificial Heart. <i>ASAIO Journal</i> , <b>2015</b> , 61, 424-8	3.6	13
72	Sensorless Suction Recognition in the Self-Regulating Cleveland Clinic Continuous-Flow Total Artificial Heart. <i>ASAIO Journal</i> , <b>2015</b> , 61, 726-8	3.6	13
71	Artificial Hearts and Cardiac Assist Devices: The Spectrum of the New Era <b>2015</b> , 287-304		
70	Motion-activated prevention of clogging and maintenance of patency of indwelling chest tubes. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2014</b> , 19, 1-5	1.8	4

69	Short-term in vivo performance of the Cleveland clinic PediPump left ventricular assist device. <i>Artificial Organs</i> , <b>2014</b> , 38, 374-82	2.6	4
68	Reply to Tavasoglu et al. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2014</b> , 45, 590	3	1
67	Towards active tracking of beating heart motion in the presence of arrhythmia for robotic assisted beating heart surgery. <i>PLoS ONE</i> , <b>2014</b> , 9, e102877	3.7	12
66	Mechanical circulatory support for heart failure: past, present and a look at the future. <i>Expert Review of Medical Devices</i> , <b>2013</b> , 10, 55-71	3.5	27
65	Overview of current sutureless and transcatheter mitral valve replacement technology. <i>Expert Review of Medical Devices</i> , <b>2013</b> , 10, 73-83	3.5	8
64	Preload sensitivity in cardiac assist devices. <i>Annals of Thoracic Surgery</i> , <b>2013</b> , 95, 373-80	2.7	32
63	Axial and centrifugal continuous-flow rotary pumps: a translation from pump mechanics to clinical practice. <i>Journal of Heart and Lung Transplantation</i> , <b>2013</b> , 32, 1-11	5.8	243
62	Incidence of chest tube clogging after cardiac surgery: a single-centre prospective observational study. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2013</b> , 44, 1029-36	3	36
61	Implantable continuous-flow right ventricular assist device: lessons learned in the development of a cleveland clinic device. <i>Annals of Thoracic Surgery</i> , <b>2012</b> , 93, 1746-52	2.7	28
60	Hemodynamic differences between the awake and anesthetized conditions in normal calves. <i>Journal of Artificial Organs</i> , <b>2012</b> , 15, 225-30	1.8	4
59	Progress on the design and development of the continuous-flow total artificial heart. <i>Artificial Organs</i> , <b>2012</b> , 36, 705-13	2.6	33
58	Functional mitral regurgitation: modern concepts for ventricular geometry reshaping. <i>Expert Review of Medical Devices</i> , <b>2012</b> , 9, 131-8	3.5	2
57	Transcatheter heart valve with variable geometric configuration: in vitro evaluation. <i>Artificial Organs</i> , <b>2011</b> , 35, 1151-9	2.6	16
56	Cardioscopy-guided surgery: intracardiac mitral and tricuspid valve repair under direct visualization in the beating heart. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2011</b> , 142, 199-202	1.5	9
55	Superior chest drainage with an active tube clearance system: evaluation of a downsized chest tube. <i>Annals of Thoracic Surgery</i> , <b>2011</b> , 91, 580-3	2.7	15
54	An innovative, sensorless, pulsatile, continuous-flow total artificial heart: device design and initial in vitro study. <i>Journal of Heart and Lung Transplantation</i> , <b>2010</b> , 29, 13-20	5.8	63
53	In vivo acute performance of the Cleveland Clinic self-regulating, continuous-flow total artificial heart. <i>Journal of Heart and Lung Transplantation</i> , <b>2010</b> , 29, 21-6	5.8	45
52	Introduction of fixed-flow mode in the DexAide right ventricular assist device. <i>Journal of Heart and Lung Transplantation</i> , <b>2010</b> , 29, 32-6	5.8	11

51	Speed modulation of the continuous-flow total artificial heart to simulate a physiologic arterial pressure waveform. <i>ASAIO Journal</i> , <b>2010</b> , 56, 403-9	3.6	36
50	Use of zirconia ceramic in the DexAide right ventricular assist device journal bearing. <i>Artificial Organs</i> , <b>2010</b> , 34, 146-9	2.6	4
49	In vivo evaluation of zirconia ceramic in the DexAide right ventricular assist device journal bearing. <i>Artificial Organs</i> , <b>2010</b> , 34, 512-6	2.6	4
48	In vivo biocompatibility evaluation of a new resilient, hard-carbon, thin-film coating for ventricular assist devices. <i>Artificial Organs</i> , <b>2010</b> , 34, 1158-63	2.6	6
47	Recent Advances and Patents on Chest Drainage Systems. <i>Recent Patents on Biomedical Engineering</i> , <b>2010</b> , 3, 115-120		2
46	Chest tube selection in cardiac and thoracic surgery: a survey of chest tube-related complications and their management. <i>Journal of Cardiac Surgery</i> , <b>2009</b> , 24, 503-9	1.3	39
45	Human clinical fitting study of the DexAide right ventricular assist device. <i>Artificial Organs</i> , <b>2009</b> , 33, 558-61	2.6	6
44	The PediPump: a versatile, implantable pediatric ventricular assist device--update IV. <i>Artificial Organs</i> , <b>2009</b> , 33, 1005-8	2.6	5
43	Innovative, replaceable heart valve: concept, in vitro study, and acute in vivo study. <i>Artificial Organs</i> , <b>2008</b> , 32, 226-9	2.6	3
42	Possible Magnetic Field Effects From an Innovative, Replaceable Magnetic Heart Valve. <i>Artificial Organs</i> , <b>2008</b> , 32, 999-1000	2.6	
41	Reduced pulsatility induces periarteritis in kidney: role of the local renin-angiotensin system. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2008</b> , 136, 150-8	1.5	74
40	The Cleveland Clinic PediPump: virtual fitting studies in children using three-dimensional reconstructions of cardiac computed tomography scans. <i>ASAIO Journal</i> , <b>2008</b> , 54, 133-7	3.6	12
39	Development of the DexAide right ventricular assist device inflow cannula. <i>ASAIO Journal</i> , <b>2008</b> , 54, 31-6	3.6	16
38	Median sternotomy approach for chronic bovine experiments. <i>ASAIO Journal</i> , <b>2008</b> , 54, 585-8	3.6	4
37	Acute in vivo evaluation of an implantable continuous flow biventricular assist system. <i>ASAIO Journal</i> , <b>2008</b> , 54, 20-4	3.6	24
36	Development of DexAide right ventricular assist device: update II. <i>ASAIO Journal</i> , <b>2008</b> , 54, 589-93	3.6	18
35	Percutaneous and off-pump treatments for functional mitral regurgitation. <i>Journal of Artificial Organs</i> , <b>2008</b> , 11, 12-8	1.8	13
34	Cleveland Clinic PediPump lamb cadaver fitting studies. <i>Artificial Organs</i> , <b>2007</b> , 31, 405-8	2.6	6



33	Cadaver fitting study of the DexAide right ventricular assist device. <i>Artificial Organs</i> , <b>2007</b> , 31, 646-8	2.6	6
32	Hemodynamic and metabolic changes during exercise in calves with total artificial hearts of different sizes yet similar output. <i>Artificial Organs</i> , <b>2007</b> , 31, 667-76	2.6	5
31	The PediPump: a versatile, implantable pediatric ventricular assist device-update III. <i>ASAIO Journal</i> , <b>2007</b> , 53, 730-3	3.6	8
30	Duration of inotropic support after left ventricular assist device implantation: risk factors and impact on outcome. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2006</b> , 131, 447-54	1.5	71
29	Progress in the development of the DexAide right ventricular assist device. <i>ASAIO Journal</i> , <b>2006</b> , 52, 630-3	3.6	10
28	MagScrew total artificial heart in vivo performance above 200 beats per minute. <i>Annals of Thoracic Surgery</i> , <b>2005</b> , 79, 1378-83; discussion 1383	2.7	12
27	Optimal mitral annular and subvalvular shape change created by the Coapsys device to treat functional mitral regurgitation. <i>ASAIO Journal</i> , <b>2005</b> , 51, 17-21	3.6	13
26	Initial in vivo evaluation of the DexAide right ventricular assist device. <i>ASAIO Journal</i> , <b>2005</b> , 51, 739-42	3.6	8
25	Development of a small implantable right ventricular assist device. <i>ASAIO Journal</i> , <b>2005</b> , 51, 730-5	3.6	21
24	Reduction of mitral regurgitation using the Coapsys device: a novel ex vivo method using excised recipients hearts. <i>ASAIO Journal</i> , <b>2005</b> , 51, 82-4	3.6	9
23	The PediPump: a new ventricular assist device for children. <i>Artificial Organs</i> , <b>2005</b> , 29, 527-30	2.6	25
22	Initial safety and feasibility clinical trial of the myosplint device. <i>Journal of Cardiac Surgery</i> , <b>2005</b> , 20, S43-7	1.3	40
21	The pedipump: development status of a new pediatric ventricular assist device. <i>ASAIO Journal</i> , <b>2005</b> , 51, 536-9	3.6	14
20	MagScrew TAH: an update. <i>ASAIO Journal</i> , <b>2005</b> , 51, xxxvi-xlvi	3.6	9
19	Changes in mitral annular and left ventricular dimensions and left ventricular pressure-volume relations after off-pump treatment of mitral regurgitation with the Coapsys device. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2004</b> , 25, 352-7	3	26
18	The Coapsys device to treat functional mitral regurgitation: in vivo long-term canine study. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2004</b> , 127, 1068-76; discussion 1076-7	1.5	39
17	New technologies for mechanical circulatory support: current status and future prospects of CorAide and MagScrew technologies. <i>Journal of Artificial Organs</i> , <b>2004</b> , 7, 45-57	1.8	15
16	Comparison of pulsatile and non-pulsatile cardiopulmonary bypass on regional renal blood flow in sheep. <i>Scandinavian Cardiovascular Journal</i> , <b>2004</b> , 38, 59-63	2	17



15	Preclinical readiness testing of the Arrow International CorAide left ventricular assist system. <i>Annals of Thoracic Surgery</i> , <b>2004</b> , 77, 2103-10	2.7	25
14	Off-pump mitral valve repair using the Coapsys device: a pilot study in a pacing-induced mitral regurgitation model. <i>Annals of Thoracic Surgery</i> , <b>2004</b> , 77, 688-92; discussion 692-3	2.7	41
13	Mitral valve repair without cardiopulmonary bypass or atriotomy using the coapsys device: device design and implantation procedure in canine functional mitral regurgitation model. <i>Heart Surgery Forum</i> , <b>2004</b> , 7, E117-21	0.7	7
12	Device-based left ventricular geometry change for heart failure treatment: developmental work and current status. <i>Journal of Cardiac Surgery</i> , <b>2003</b> , 18 Suppl 2, S43-7	1.3	7
11	Chronic evaluation of the Cleveland Clinic CorAide left ventricular assist system in calves. <i>Artificial Organs</i> , <b>2002</b> , 26, 529-33	2.6	16
10	In vitro controllability of the MagScrew total artificial heart system. <i>ASAIO Journal</i> , <b>2002</b> , 48, 606-11	3.6	11
9	Cleveland clinic CorAide blood pump circulatory support without anticoagulation. <i>ASAIO Journal</i> , <b>2002</b> , 48, 249-52	3.6	13
8	Predictors of Severe Right Ventricular Failure After Implantable Left Ventricular Assist Device Insertion: Analysis of 245 Patients. <i>Circulation</i> , <b>2002</b> , 106,	16.7	87
7	Predictors of severe right ventricular failure after implantable left ventricular assist device insertion: analysis of 245 patients. <i>Circulation</i> , <b>2002</b> , 106, 1198-202	16.7	228
6	Device-based change in left ventricular shape: a new concept for the treatment of dilated cardiomyopathy. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2001</b> , 122, 482-90	1.5	79
5	The CorAid blood pump. <i>Annals of Thoracic Surgery</i> , <b>2001</b> , 71, S191	2.7	13
4	In vivo hemodynamic performance of the Cleveland Clinic CorAide blood pump in calves. <i>Annals of Thoracic Surgery</i> , <b>2001</b> , 72, 747-52	2.7	23
3	Novel device to change left ventricular shape for heart failure treatment: device design and implantation procedure. <i>ASAIO Journal</i> , <b>2001</b> , 47, 244-8	3.6	24
2	Preoperative risk factors for right ventricular failure after implantable left ventricular assist device insertion. <i>Annals of Thoracic Surgery</i> , <b>1999</b> , 68, 2181-4	2.7	203
1	The Cleveland Clinic-Nimbus total artificial heart. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>1994</b> , 108, 420-428	1.5	16