

# Jan Dieter Schmitto

## List of Publications by Citations

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

253  
papers

4,934  
citations

35  
h-index

58  
g-index

281  
ext. papers

6,022  
ext. citations

3.2  
avg, IF

5.6  
L-index

#	Paper	IF	Citations
253	Minimally-invasive valve surgery. <i>Journal of the American College of Cardiology</i> , <b>2010</b> , 56, 455-62	15.1	205
252	Altered Na(+) currents in atrial fibrillation effects of ranolazine on arrhythmias and contractility in human atrial myocardium. <i>Journal of the American College of Cardiology</i> , <b>2010</b> , 55, 2330-42	15.1	197
251	Inhibition of elevated Ca <sup>2+</sup> /calmodulin-dependent protein kinase II improves contractility in human failing myocardium. <i>Circulation Research</i> , <b>2010</b> , 107, 1150-61	15.7	183
250	Fully Magnetically Levitated Left Ventricular Assist System for Treating Advanced HF: A Multicenter Study. <i>Journal of the American College of Cardiology</i> , <b>2015</b> , 66, 2579-2589	15.1	163
249	Cell type-specific expression of the putative SARS-CoV-2 receptor ACE2 in human hearts. <i>European Heart Journal</i> , <b>2020</b> , 41, 1804-1806	9.5	162
248	Implantation of a centrifugal pump as a left ventricular assist device through a novel, minimized approach: upper hemisternotomy combined with anterolateral thoracotomy. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2012</b> , 143, 511-3	1.5	144
247	First implantation in man of a new magnetically levitated left ventricular assist device (HeartMate III). <i>Journal of Heart and Lung Transplantation</i> , <b>2015</b> , 34, 858-60	5.8	128
246	Ca <sup>2+</sup> /calmodulin-dependent protein kinase II and protein kinase A differentially regulate sarcoplasmic reticulum Ca <sup>2+</sup> leak in human cardiac pathology. <i>Circulation</i> , <b>2013</b> , 128, 970-81	16.7	109
245	Fibroblast activation protein alpha expression identifies activated fibroblasts after myocardial infarction. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2015</b> , 87, 194-203	5.8	95
244	Flush perfusion with low potassium dextran solution improves early graft function in clinical lung transplantation. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2001</b> , 19, 190-4	3	86
243	Results of the post-market Registry to Evaluate the HeartWare Left Ventricular Assist System (ReVOLVE). <i>Journal of Heart and Lung Transplantation</i> , <b>2014</b> , 33, 486-91	5.8	84
242	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> , <b>2017</b> , 12, 23	1.6	79
241	Cardiopulmonary and systemic effects of methylprednisolone in patients undergoing cardiac surgery. <i>Annals of Thoracic Surgery</i> , <b>2007</b> , 84, 110-8; discussion 118-9	2.7	76
240	Single-centre experience with the frozen elephant trunk technique in 251 patients over 15 years. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2017</b> , 52, 858-866	3	68
239	Hyperhidrosis: evolving concepts and a comprehensive review. <i>Journal of the Royal College of Surgeons of Edinburgh</i> , <b>2010</b> , 8, 287-92	2.5	60
238	Minimally-invasive LVAD Implantation: State of the Art. <i>Current Cardiology Reviews</i> , <b>2015</b> , 11, 246-51	2.4	56
237	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> , <b>2019</b> , 21, 90-97	12.3	55

236	Cardiac function during mild hypothermia in pigs: increased inotropy at the expense of diastolic dysfunction. <i>Acta Physiologica</i> , <b>2010</b> , 199, 43-52	5.6	53
235	Outcomes in HeartMate II Patients With No Antiplatelet Therapy: 2-Year Results From the European TRACE Study. <i>Annals of Thoracic Surgery</i> , <b>2017</b> , 103, 1262-1268	2.7	51
234	Outpatient management of intra-corporeal left ventricular assist device system in children: a multi-center experience. <i>American Journal of Transplantation</i> , <b>2015</b> , 15, 453-60	8.7	49
233	Antiandrogenic therapy with finasteride attenuates cardiac hypertrophy and left ventricular dysfunction. <i>Circulation</i> , <b>2015</b> , 131, 1071-81	16.7	48
232	Placement of 2 implantable centrifugal pumps to serve as a total artificial heart after cardiectomy. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2012</b> , 143, 507-9	1.5	47
231	Minimally invasive aortic valve replacement: how does this perform in high-risk patients?. <i>Current Opinion in Cardiology</i> , <b>2011</b> , 26, 118-22	2.1	42
230	K201 improves aspects of the contractile performance of human failing myocardium via reduction in Ca <sup>2+</sup> leak from the sarcoplasmic reticulum. <i>Basic Research in Cardiology</i> , <b>2010</b> , 105, 279-87	11.8	42
229	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> , <b>2018</b> , 39, 3454-3460	9.5	42
228	Valve-sparing David I procedure in acute aortic type A dissection: a 20-year experience with more than 100 patients. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2017</b> , 52, 319-324	3	41
227	Ca <sup>2+</sup> /calmodulin-dependent protein kinase II equally induces sarcoplasmic reticulum Ca <sup>2+</sup> leak in human ischaemic and dilated cardiomyopathy. <i>European Journal of Heart Failure</i> , <b>2014</b> , 16, 1292-300	12.3	41
226	Left Lateral Thoracotomy for Centrifugal Continuous-Flow Left Ventricular Assist Device Placement: An Analysis from the Mechanical Circulatory Support Research Network. <i>ASAIO Journal</i> , <b>2018</b> , 64, 715-720	3.6	40
225	Clinical hemodynamic evaluation of patients implanted with a fully magnetically levitated left ventricular assist device (HeartMate 3). <i>Journal of Heart and Lung Transplantation</i> , <b>2017</b> , 36, 28-35	5.8	37
224	Early Escalation of Mechanical Circulatory Support Stabilizes and Potentially Rescues Patients in Refractory Cardiogenic Shock. <i>Circulation: Heart Failure</i> , <b>2020</b> , 13, e005853	7.6	36
223	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> , <b>2016</b> , 50, 834-838	3	36
222	Mild metabolic acidosis impairs the βadrenergic response in isolated human failing myocardium. <i>Critical Care</i> , <b>2012</b> , 16, R153	10.8	36
221	AMPK - Activated Protein Kinase and its Role in Energy Metabolism of the Heart. <i>Current Cardiology Reviews</i> , <b>2010</b> , 6, 337-42	2.4	36
220	Reduction of driveline infections through doubled driveline tunneling of left ventricular assist devices. <i>Artificial Organs</i> , <b>2013</b> , 37, 102-7	2.6	35
219	Pacemaker dependency after isolated aortic valve replacement: do conduction disorders recover over time?. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2013</b> , 16, 476-81	1.8	35

218	Experiences with surgical treatment of ventricle septal defect as a post infarction complication. <i>Journal of Cardiothoracic Surgery</i> , <b>2009</b> , 4, 3	1.6	35
217	Extracorporeal circulation for rewarming in drowning and near-drowning pediatric patients. <i>Artificial Organs</i> , <b>2010</b> , 34, 1026-30	2.6	35
216	Targeting muscle-enriched long non-coding RNA H19 reverses pathological cardiac hypertrophy. <i>European Heart Journal</i> , <b>2020</b> , 41, 3462-3474	9.5	35
215	Minimally invasive ventricular assist device surgery. <i>Artificial Organs</i> , <b>2015</b> , 39, 473-9	2.6	34
214	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> , <b>2016</b> , 50, 839-848	3	34
213	Increase in left ventricular assist device thrombosis. <i>New England Journal of Medicine</i> , <b>2014</b> , 370, 1465-6	59.2	34
212	Minimally invasive off-pump left ventricular assist device exchange: anterolateral thoracotomy. <i>Artificial Organs</i> , <b>2014</b> , 38, 539-42	2.6	34
211	Worldwide Experience of a Durable Centrifugal Flow Pump in Pediatric Patients. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , <b>2018</b> , 30, 327-335	1.7	33
210	Minimally invasive left ventricular assist device explantation after cardiac recovery: surgical technical considerations. <i>Artificial Organs</i> , <b>2014</b> , 38, 507-10	2.6	33
209	Direct pro-arrhythmogenic effects of angiotensin II can be suppressed by AT1 receptor blockade in human atrial myocardium. <i>European Journal of Heart Failure</i> , <b>2008</b> , 10, 1172-6	12.3	33
208	An international multicenter experience of biventricular support with HeartMate 3 ventricular assist systems. <i>Journal of Heart and Lung Transplantation</i> , <b>2018</b> , 37, 1399-1402	5.8	32
207	Early results of coronary artery bypass grafting with coronary endarterectomy for severe coronary artery disease. <i>Journal of Cardiothoracic Surgery</i> , <b>2009</b> , 4, 52	1.6	31
206	The clinical impact of donor-specific antibodies in heart transplantation. <i>Transplantation Reviews</i> , <b>2018</b> , 32, 207-217	3.3	31
205	Aortic valve replacement with sutureless prosthesis: better than root enlargement to avoid patient-prosthesis mismatch?. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2016</b> , 22, 744-9	1.8	30
204	Postoperative recurrence of mitral regurgitation after annuloplasty for functional mitral regurgitation. <i>Annals of Thoracic Surgery</i> , <b>2012</b> , 94, 1211-6; discussion 1216-7	2.7	30
203	Past, present, and future of minimally invasive mitral valve surgery. <i>Journal of Heart Valve Disease</i> , <b>2011</b> , 20, 493-8		30
202	Thymoglobulin induction in heart transplantation: patient selection and implications for maintenance immunosuppression. <i>Transplant International</i> , <b>2015</b> , 28, 259-69	3	29
201	Minimally invasive surgery improves outcome of left ventricular assist device surgery in cardiogenic shock. <i>Journal of Thoracic Disease</i> , <b>2018</b> , 10, S1696-S1702	2.6	29

200	One-year outcomes with the HeartMate 3 left ventricular assist device. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2018</b> , 156, 662-669	1.5	28
199	Multicentre clinical trial experience with the HeartMate 3 left ventricular assist device: 30-day outcomes. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2016</b> , 50, 548-54	3	28
198	Subcutaneous Implantable Cardioverter-Defibrillator Shocks After Left Ventricular Assist Device Implantation. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2016</b> , 9,	6.4	28
197	Surgical treatment for isolated tricuspid valve endocarditis- long-term follow-up at a single institution. <i>Circulation Journal</i> , <b>2013</b> , 77, 2032-7	2.9	27
196	Bacteriophage Therapy for Critical Infections Related to Cardiothoracic Surgery. <i>Antibiotics</i> , <b>2020</b> , 9,	4.9	25
195	Functional mitral regurgitation. <i>Cardiology in Review</i> , <b>2010</b> , 18, 285-91	3.2	25
194	First series of mechanical circulatory support in non-compaction cardiomyopathy: Is LVAD implantation a safe alternative?. <i>International Journal of Cardiology</i> , <b>2015</b> , 197, 128-32	3.2	23
193	Less invasive HeartMate 3 left ventricular assist device implantation. <i>Journal of Thoracic Disease</i> , <b>2018</b> , 10, S1692-S1695	2.6	23
192	Expression of fibulin-6 in failing hearts and its role for cardiac fibroblast migration. <i>Cardiovascular Research</i> , <b>2014</b> , 103, 509-20	9.9	22
191	Cardiogenic shock complicating peripartum cardiomyopathy: Importance of early left ventricular unloading and bromocriptine therapy. <i>European Heart Journal: Acute Cardiovascular Care</i> , <b>2020</b> , 9, 173-182	4.3	22
190	First series of left ventricular assist device exchanges to HeartMate 3. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2017</b> , 51, 887-892	3	21
189	Large animal models of chronic heart failure (CHF). <i>Journal of Surgical Research</i> , <b>2011</b> , 166, 131-7	2.5	21
188	Extra cardiac findings by 64-multidetector computed tomography in patients with symptomatic atrial fibrillation prior to pulmonary vein isolation. <i>International Journal of Cardiovascular Imaging</i> , <b>2011</b> , 27, 127-34	2.5	21
187	Relation between renal dysfunction requiring renal replacement therapy and promoter polymorphism of the erythropoietin gene in cardiac surgery. <i>Artificial Organs</i> , <b>2010</b> , 34, 961-8	2.6	21
186	Exercise Capacity and Functional Performance in Heart Failure Patients Supported by a Left Ventricular Assist Device at Discharge From Inpatient Rehabilitation. <i>Artificial Organs</i> , <b>2018</b> , 42, 22-30	2.6	20
185	Progressive right ventricular failure is not explained by myocardial ischemia in a pig model of right ventricular pressure overload. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2009</b> , 35, 229-34	3	20
184	Ventricular assist device in patients with prosthetic heart valves. <i>Artificial Organs</i> , <b>2010</b> , 34, 1030-4	2.6	20
183	Elective David I Procedure Has Excellent Long-Term Results: 20-Year Single-Center Experience. <i>Annals of Thoracic Surgery</i> , <b>2018</b> , 105, 731-738	2.7	20

182	Optimal timing of pulmonary metastasectomy--is a delayed operation beneficial or counterproductive?. <i>European Journal of Surgical Oncology</i> , <b>2014</b> , 40, 1049-55	3.6	19
181	Substantial early loss of induced pluripotent stem cells following transplantation in myocardial infarction. <i>Artificial Organs</i> , <b>2014</b> , 38, 978-84	2.6	19
180	Two axial-flow Synergy Micro-Pumps as a biventricular assist device in an ovine animal model. <i>Journal of Heart and Lung Transplantation</i> , <b>2012</b> , 31, 1223-9	5.8	19
179	Two-year outcome after implantation of a full magnetically levitated left ventricular assist device: results from the ELEVATE Registry. <i>European Heart Journal</i> , <b>2020</b> , 41, 3801-3809	9.5	19
178	Initial experience with telemonitoring in left ventricular assist device patients. <i>Journal of Thoracic Disease</i> , <b>2019</b> , 11, S853-S863	2.6	18
177	Screening for heart transplantation and left ventricular assist system: results from the ScREEning for advanced Heart Failure treatment (SEE-HF) study. <i>European Journal of Heart Failure</i> , <b>2018</b> , 20, 152-160	12.3	18
176	Usability of ventricular assist devices in daily experience: a multicenter study. <i>Artificial Organs</i> , <b>2014</b> , 38, 751-60	2.6	18
175	The eNOS 786C/T polymorphism in cardiac surgical patients with cardiopulmonary bypass is associated with renal dysfunction. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2009</b> , 36, 651-6	3	18
174	Prevalence and variability of internal mammary graft use in contemporary multivessel coronary artery bypass graft. <i>Current Opinion in Cardiology</i> , <b>2010</b> , 25, 609-12	2.1	18
173	Permanent Implantable Cardiac Support Systems. <i>Deutsches A&amp;#x0308;rzteblatt International</i> , <b>2019</b> , 116, 843-848	2.5	18
172	Telemonitoring of left-ventricular assist device patients-current status and future challenges. <i>Journal of Thoracic Disease</i> , <b>2018</b> , 10, S1794-S1801	2.6	18
171	The momentum of HeartMate 3: a novel active magnetically levitated centrifugal left ventricular assist device (LVAD). <i>Journal of Thoracic Disease</i> , <b>2018</b> , 10, S1790-S1793	2.6	18
170	Sarcoplasmic reticulum calcium leak contributes to arrhythmia but not to heart failure progression. <i>Science Translational Medicine</i> , <b>2018</b> , 10,	17.5	17
169	First experiences with HeartMate 3 follow-up and adverse events. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2017</b> , 154, 173-178	1.5	16
168	Left Ventricular Assist Devices - A State of the Art Review. <i>Advances in Experimental Medicine and Biology</i> , <b>2018</b> , 1067, 287-294	3.6	16
167	Pulmonary metastasectomy - A retrospective comparison of surgical outcomes after laser-assisted and conventional resection. <i>European Journal of Surgical Oncology</i> , <b>2017</b> , 43, 1357-1364	3.6	16
166	Postmarket Experience With HeartMate 3 Left Ventricular Assist Device: 30-Day Outcomes From the ELEVATE Registry. <i>Annals of Thoracic Surgery</i> , <b>2019</b> , 107, 33-39	2.7	16
165	Minimally invasive left ventricular assist device implantation with outflow graft anastomosis to the innominate artery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2015</b> , 149, e69-70	1.5	15



164	Liver stiffness measurements and short-term survival after left ventricular assist device implantation: A pilot study. <i>Journal of Heart and Lung Transplantation</i> , <b>2015</b> , 34, 1586-94	5.8	15
163	Physical capacity in LVAD patients: hemodynamic principles, diagnostic tools and training control. <i>International Journal of Artificial Organs</i> , <b>2016</b> , 39, 451-459	1.9	15
162	First results of HeartWare left ventricular assist device implantation with tunnelling of the outflow graft through the transverse sinus. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2017</b> , 25, 503-508	1.8	15
161	Hemodynamic changes in a model of chronic heart failure induced by multiple sequential coronary microembolization in sheep. <i>Artificial Organs</i> , <b>2009</b> , 33, 947-52	2.6	15
160	Impact of endothelin-1 Lys198Asn polymorphism on coronary artery disease and endorgan damage in hypertensives. <i>Coronary Artery Disease</i> , <b>2008</b> , 19, 429-34	1.4	15
159	Left ventricular assist device exchange for the treatment of HeartMate II pump thrombosis. <i>Journal of Thoracic Disease</i> , <b>2018</b> , 10, S1728-S1736	2.6	15
158	Less Invasive Surgical Approaches for Left Ventricular Assist Device Implantation. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , <b>2018</b> , 30, 1-6	1.7	14
157	Circulatory support exceeding five years with a continuous-flow left ventricular assist device for advanced heart failure patients. <i>Journal of Cardiothoracic Surgery</i> , <b>2015</b> , 10, 107	1.6	14
156	Asistencia ventricular izquierda como terapia de destino: ¿la cirugía mínimamente invasiva es una alternativa segura?. <i>Revista Espanola De Cardiologia</i> , <b>2018</b> , 71, 13-17	1.5	14
155	Extracorporeal life support in pediatric cardiac dysfunction. <i>Journal of Cardiothoracic Surgery</i> , <b>2010</b> , 5, 112	1.6	13
154	Preventing cardiac remodeling: the combination of cell-based therapy and cardiac support therapy preserves left ventricular function in rodent model of myocardial ischemia. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2010</b> , 140, 1374-80	1.5	13
153	Reduction of driveline infections through doubled driveline tunneling of left ventricular assist devices-5-year follow-up. <i>Journal of Thoracic Disease</i> , <b>2018</b> , 10, S1703-S1710	2.6	13
152	Electric smog: telemetry interference between ICD and LVAD. <i>Herzschrittmachertherapie Und Elektrophysiologie</i> , <b>2017</b> , 28, 257-259	0.8	12
151	Mechanical circulatory support for Takotsubo syndrome: a systematic review and meta-analysis. <i>International Journal of Cardiology</i> , <b>2020</b> , 316, 31-39	3.2	12
150	Long-Term Survival of Patients With Advanced Heart Failure Receiving an Left Ventricular Assist Device Intended as a Bridge to Transplantation: The Registry to Evaluate the HeartWare Left Ventricular Assist System. <i>Circulation: Heart Failure</i> , <b>2020</b> , 13, e006252	7.6	12
149	Five-year results of patients supported by HeartMate II: outcomes and adverse events. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2018</b> , 53, 422-427	3	12
148	Comparison of cardiothoracic surgery training in USA and Germany. <i>Journal of Cardiothoracic Surgery</i> , <b>2010</b> , 5, 118	1.6	12
147	A novel, innovative ovine model of chronic ischemic cardiomyopathy induced by multiple coronary ligations. <i>Artificial Organs</i> , <b>2010</b> , 34, 918-22	2.6	12

146	Miniaturized HIA microdiagonal pump as left ventricular assist device in a sheep model. <i>ASAIO Journal</i> , <b>2008</b> , 54, 233-6	3.6	12
145	F-FDG PET/CT in Left-Ventricular Assist Device Infection: Initial Results Supporting the Usefulness of Image-Guided Therapy. <i>Journal of Nuclear Medicine</i> , <b>2020</b> , 61, 971-976	8.9	12
144	Improved aftercare in LVAD patients: Development and feasibility of a smartphone application as a first step for telemonitoring. <i>Artificial Organs</i> , <b>2020</b> , 44, 248-256	2.6	12
143	Chronic ventricular assist device support: surgical innovation. <i>Current Opinion in Cardiology</i> , <b>2016</b> , 31, 308-12	2.1	11
142	Technique for chest compressions in adult CPR. <i>World Journal of Emergency Surgery</i> , <b>2011</b> , 6, 41	9.2	11
141	Intrapericardial migration of dislodged sternal struts as late complication of open pectus excavatum repairs. <i>Journal of Cardiothoracic Surgery</i> , <b>2011</b> , 6, 40	1.6	11
140	The influence of less invasive ventricular assist device implantation on renal function. <i>Journal of Thoracic Disease</i> , <b>2018</b> , 10, S1737-S1742	2.6	11
139	An acoustic method for systematic ventricular assist device thrombus evaluation with a novel artificial thrombus model. <i>Journal of Thoracic Disease</i> , <b>2018</b> , 10, S1711-S1719	2.6	11
138	MitraClip procedure prior to left ventricular assist device implantation. <i>Journal of Thoracic Disease</i> , <b>2018</b> , 10, S1763-S1768	2.6	11
137	PET imaging of cardiac wound healing using a novel [68Ga]-labeled NGR probe in rat myocardial infarction. <i>Molecular Imaging and Biology</i> , <b>2015</b> , 17, 76-86	3.8	10
136	Lipid-apheresis improves microcirculation of the upper limbs. <i>Journal of Clinical Apheresis</i> , <b>2011</b> , 26, 167-73	3.3	10
135	Hypothermic renal protection using cold histidine-tryptophan-ketoglutarate solution perfusion in suprarenal aortic surgery. <i>Annals of Vascular Surgery</i> , <b>2008</b> , 22, 520-4	1.7	10
134	A Proposal for Early Dosing Regimens in Heart Transplant Patients Receiving Thymoglobulin and Calcineurin Inhibition. <i>Transplantation Direct</i> , <b>2016</b> , 2, e81	2.3	10
133	Aortic Outflow Graft Stenting in Patient With Left Ventricular Assist Device Outflow Graft Thrombosis. <i>Artificial Organs</i> , <b>2016</b> , 40, 414-6	2.6	10
132	Exchange of a HeartMate II left ventricular assist device with a HeartMate 3 pump. <i>Journal of Heart and Lung Transplantation</i> , <b>2016</b> , 35, 944-6	5.8	10
131	In Vitro Evaluation of Inflow Cannula Fixation Techniques in Left Ventricular Assist Device Surgery. <i>Artificial Organs</i> , <b>2017</b> , 41, 272-275	2.6	9
130	Out of hospital management of LVAD patients during COVID-19 outbreak. <i>Artificial Organs</i> , <b>2020</b> , 44, 873-876	2.6	9
129	First Implantation of a Novel Left Ventricular Assist Device: The ReliantHeart aVAD. <i>Annals of Thoracic Surgery</i> , <b>2017</b> , 104, e311-e313	2.7	9



128	Preliminary Results From the C-Pulse OPTIONS HF European Multicenter Post-Market Study. <i>Medical Science Monitor Basic Research</i> , <b>2016</b> , 22, 14-9	3.2	9
127	Multimodal Imaging for In Vivo Evaluation of Induced Pluripotent Stem Cells in a Murine Model of Heart Failure. <i>Artificial Organs</i> , <b>2017</b> , 41, 192-199	2.6	8
126	Exchange of a HeartWare HVAD to a HeartMate 3 left ventricular assist device. <i>Journal of Heart and Lung Transplantation</i> , <b>2017</b> , 36, 480-481	5.8	8
125	HeartWare left ventricular assist device for the treatment of advanced heart failure. <i>Future Cardiology</i> , <b>2016</b> , 12, 17-26	1.3	8
124	Driving After Left Ventricular Assist Device Implantation. <i>Artificial Organs</i> , <b>2018</b> , 42, 695-699	2.6	8
123	Off-pump versus on-pump left ventricular assist device exchange. <i>Artificial Organs</i> , <b>2014</b> , 38, 992	2.6	8
122	Influence of mild metabolic acidosis on cardiac contractility and isoprenaline response in isolated ovine myocardium. <i>Artificial Organs</i> , <b>2011</b> , 35, 1065-74	2.6	8
121	Treatment of gram-positive deep sternal wound infections in cardiac surgery--experiences with daptomycin. <i>Journal of Cardiothoracic Surgery</i> , <b>2011</b> , 6, 112	1.6	8
120	Visualization of transcatheter ablation of septal hypertrophy in patients with hypertrophic obstructive cardiomyopathy: a comparison between cardiac MRI, invasive measurements and echocardiography. <i>Clinical Research in Cardiology</i> , <b>2010</b> , 99, 359-68	6.1	8
119	Echocardiographic Changes in Patients Implanted With a Fully Magnetically Levitated Left Ventricular Assist Device (Heartmate 3). <i>Journal of Cardiac Failure</i> , <b>2019</b> , 25, 36-43	3.3	8
118	Global perspectives on cardiothoracic, cardiovascular, and cardiac surgical training. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2020</b> ,	1.5	8
117	Clinical overview of the HVAD: a centrifugal continuous-flow ventricular assist device with magnetic and hydrodynamic bearings including lateral implantation strategies. <i>Journal of Thoracic Disease</i> , <b>2018</b> , 10, S1785-S1789	2.6	8
116	A new tool for an explantation strategy of HeartMate 3 left ventricular assist device. <i>Journal of Thoracic Disease</i> , <b>2018</b> , 10, S1825-S1828	2.6	8
115	Telemonitoring and Medical Care of Heart Failure Patients Supported by Left Ventricular Assist Devices - The Medolution Project. <i>Studies in Health Technology and Informatics</i> , <b>2017</b> , 236, 267-274	0.5	8
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