

Mario Lachat

List of Publications by Year in Descending Order

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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.

203 papers	6,892 citations	45 h-index	76 g-index
240 ext. papers	7,658 ext. citations	3.2 avg, IF	5.23 L-index

#	Paper	IF	Citations
203	Current role of the chimney technique in the treatment of complex abdominal aortic pathologies: A position paper from the PERICLES Registry investigators. <i>Vascular</i> , 2020 , 28, 692-696	1.3	2
202	Juxtarenale, suprarenale und Abschnitt IV-Aneurysmen der Aorta: Klinik, Diagnostik und konventionelle Therapie. <i>Springer Reference Medizin</i> , 2020 , 647-665	0	
201	Endovascular Treatment of Spontaneous and Isolated Infrarenal Acute Aortic Syndrome with Unibody Aortic Stent-Grafts. <i>World Journal of Surgery</i> , 2020 , 44, 4267-4274	3.3	2
200	Patient-Specific Rehearsal Feasibility Before Endovascular Repair of Ruptured Abdominal Aortic Aneurysm. <i>Journal of Endovascular Therapy</i> , 2019 , 26, 871-878	2.5	3
199	CT Angiography of the Aorta: Contrast Timing by Using a Fixed versus a Patient-specific Trigger Delay. <i>Radiology</i> , 2019 , 291, 531-538	20.5	14
198	VI2TA2 S2C2ORE: a new score system for in hospital mortality in acute aortic dissections. <i>Journal of Cardiovascular Surgery</i> , 2019 , 60, 496-500	0.7	
197	Single-Center Experience and Preliminary Results of Intravascular Ultrasound in Endovascular Aneurysm Repair. <i>Annals of Vascular Surgery</i> , 2019 , 56, 209-215	1.7	11
196	Identification of optimal device combinations for the chimney endovascular aneurysm repair technique within the PERICLES registry. <i>Journal of Vascular Surgery</i> , 2018 , 68, 24-35	3.5	29
195	Defining the Key Competencies in Radiation Protection for Endovascular Procedures: A Multispecialty Delphi Consensus Study. <i>European Journal of Vascular and Endovascular Surgery</i> , 2018 , 55, 281-287	2.3	9
194	Early outcomes with a single-sided access endovascular stent. <i>Journal of Vascular Surgery</i> , 2018 , 68, 83-90.e2	9.5	3
193	Suitability of the porcine aortic model for transcatheter aortic root repair. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2018 , 26, 1002-1008	1.8	12
192	Endovascular treatment of non-dissected ascending aorta disease: a systematic review. <i>European Journal of Cardio-thoracic Surgery</i> , 2018 , 53, 317-324	3	11
191	Mortality rates and risk factors for emergent open repair of abdominal aortic aneurysms in the endovascular era. <i>Updates in Surgery</i> , 2018 , 70, 129-136	2.9	7
190	Safety of percutaneous axillary artery access with a suture-mediated closing device for parallel endograft aortic procedures - a retrospective pilot study. <i>Vasa - European Journal of Vascular Medicine</i> , 2018 , 47, 311-317	1.9	8
189	Incidence and prognostic factors related to major adverse cerebrovascular events in patients with complex aortic diseases treated by the chimney technique. <i>Journal of Vascular Surgery</i> , 2018 , 67, 1372-1379	3.5	22
188	PS01.027: HYBRID PERORAL/ LAPAROSCOPIC ESOPHAGECTOMY: A NOVEL MINIMALLY INVASIVE APPROACH FOR CHRONIC ESOPHAGEAL FISTULA. <i>Ecological Management and Restoration</i> , 2018 , 31, 57-58	3	
187	Primary Endovascular Elective Repair and Repair of Ruptured Isolated Iliac Artery Aneurysms Is Durable-Results of 72 Consecutive Patients. <i>Journal of Vascular and Interventional Radiology</i> , 2018 , 29, 1725-1732	2.4	7

186	Simplified hybrid repair with true lumen recycling for retrograde renovisceral perfusion in a complex chronic aortic dissection. <i>Journal of Vascular Surgery Cases and Innovative Techniques</i> , 2018 , 4, 226-230	1.1	1
185	Chimney Thoracic Endovascular Technique 2018 , 85-89		
184	A Multicentre Trial of Patient specific Rehearsal Prior to EVAR: Impact on Procedural Planning and Team Performance. <i>European Journal of Vascular and Endovascular Surgery</i> , 2017 , 53, 354-361	2.3	16
183	Editor's Choice - Management of Descending Thoracic Aorta Diseases: Clinical Practice Guidelines of the European Society for Vascular Surgery (ESVS). <i>European Journal of Vascular and Endovascular Surgery</i> , 2017 , 53, 4-52	2.3	487
182	Predilation technique with balloon angioplasty to facilitate percutaneous groin access of large size sheath through scar tissue. <i>Vascular</i> , 2017 , 25, 396-401	1.3	6
181	Radiographically occult perforation and dissection of the common carotid artery following stab injury to the neck. <i>Trauma Case Reports</i> , 2017 , 9, 17-21	0.5	1
180	Endovascular treatment of aortic arch aneurysm with a single-branched double-stage stent graft. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017 , 154, e75-e77	1.5	12
179	Mid-term Results of Chimney and Periscope Grafts in Supra-aortic Branches in High Risk Patients. <i>European Journal of Vascular and Endovascular Surgery</i> , 2017 , 54, 295-302	2.3	23
178	Mid-term results of zone 0 thoracic endovascular aneurysm repair after ascending aorta wrapping and supra-aortic debranching in high-risk patients. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2017 , 24, 882-889	1.8	8
177	Technique of Supraceliac Balloon Control of the Aorta During Endovascular Repair of Ruptured Abdominal Aortic Aneurysms 2017 , 403-408		
176	Hypotensive Hemostasis in Patients Presenting with Ruptured Aortic Aneurysm 2017 , 141-149		0
175	Patient-specific Rehearsal Before EVAR: Influence on Technical and Nontechnical Operative Performance. A Randomized Controlled Trial. <i>Annals of Surgery</i> , 2016 , 264, 703-709	7.8	28
174	Treatment of isolated ascending aortic aneurysm by off-pump epiaortic wrapping is safe and durable. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2016 , 23, 286-91	1.8	11
173	Long-term results of simplified frozen elephant trunk technique in complicated acute type A aortic dissection: A case-control study. <i>Vascular</i> , 2016 , 24, 523-30	1.3	5
172	Mid- and Longer-term Follow up of Chimney and/or Periscope Grafts and Risk Factors for Failure. <i>European Journal of Vascular and Endovascular Surgery</i> , 2016 , 51, 664-73	2.3	28
171	Hemodynamic Conditions may Influence the Oversizing of Stent Grafts and the Postoperative Surveillance of Patients with Ruptured Abdominal Aortic Aneurysm Treated by EVAR. <i>Annals of Vascular Surgery</i> , 2016 , 30, 308.e5-10	1.7	3
170	European Multicenter Registry for the Performance of the Chimney/Snorkel Technique in the Treatment of Aortic Arch Pathologic Conditions. <i>Annals of Thoracic Surgery</i> , 2016 , 101, 2224-30	2.7	66
169	The Gore Hybrid Vascular Graft in renovisceral debranching for complex aortic aneurysm repair. <i>Journal of Vascular Surgery</i> , 2016 , 64, 33-8	3.5	12

168	CT Angiography of the Aorta: Prospective Evaluation of Individualized Low-Volume Contrast Media Protocols. <i>Radiology</i> , 2016 , 280, 960-8	20.5	40
167	Endovascular grafts for abdominal aortic aneurysm. <i>European Heart Journal</i> , 2016 , 37, 145-51	9.5	17
166	Aortic rupture following an EVAR secondary to graft erosion. <i>Catheterization and Cardiovascular Interventions</i> , 2016 , 87, 783-6	2.7	
165	The "Open Branch" Technique: A New Way to Prevent Paraplegia After Total Endovascular Repair of Thoracoabdominal Aneurysm. <i>Catheterization and Cardiovascular Interventions</i> , 2016 , 87, 773-80	2.7	7
164	Graft Patency in Long-term Survivors after Renovisceral Debranching with VORTEC. <i>CardioVascular and Interventional Radiology</i> , 2015 , 38, 606-12	2.7	2
163	Hypothermic, initially oxygen-free, controlled limb reperfusion for acute limb ischemia. <i>Annals of Vascular Surgery</i> , 2015 , 29, 560-72	1.7	10
162	Early endovascular aneurysm repair after percutaneous coronary interventions. <i>Journal of Vascular Surgery</i> , 2015 , 61, 1146-50	3.5	7
161	Editor's Choice Durability of Endovascular Repair in Blunt Traumatic Thoracic Aortic Injury: Long-Term Outcome from Four Tertiary Referral Centers. <i>European Journal of Vascular and Endovascular Surgery</i> , 2015 , 50, 460-5	2.3	29
160	A 12-Year Experience With Chimney and Periscope Grafts for Treatment of Type I Endoleaks. <i>Journal of Endovascular Therapy</i> , 2015 , 22, 568-74	2.5	34
159	Collected world experience about the performance of the snorkel/chimney endovascular technique in the treatment of complex aortic pathologies: the PERICLES registry. <i>Annals of Surgery</i> , 2015 , 262, 546-53; discussion 552-3	7.8	205
158	Popliteal Artery Aneurysm Repair in the Endovascular Era: Fourteen-Years Single Center Experience. <i>Medicine (United States)</i> , 2015 , 94, e1130	1.8	17
157	Risk Stratification of Patients with Peripheral Arterial Disease and Abdominal Aortic Aneurysm Using Aortic Augmentation Index. <i>PLoS ONE</i> , 2015 , 10, e0139887	3.7	16
156	First report of simultaneous transcatheter aortic valve replacement, endovascular aortic aneurysm repair, and permanent pacemaker implantation after multi-vessel coronary stenting and left atrial appendage occlusion. <i>European Heart Journal</i> , 2015 , 36, 2543	9.5	3
155	Case report of an endovascular repair of a residual type A dissection using a not CE not FDA-approved Najuta thoracic stent graft system. <i>Medicine (United States)</i> , 2015 , 94, e436	1.8	7
154	CardioPulse: Andreas Grötzig's beginnings started in peripheral arteries. <i>European Heart Journal</i> , 2015 , 36, 584-5	9.5	
153	Part two: against the motion. EVAR offers no survival benefit over open repair for the treatment of ruptured abdominal aortic aneurysms. <i>European Journal of Vascular and Endovascular Surgery</i> , 2015 , 49, 119-27	2.3	5
152	Debate: whether endovascular repair offers a survival advantage over open repair for ruptured abdominal aortic aneurysms. <i>Journal of Vascular Surgery</i> , 2015 , 61, 546-55	3.5	13
151	CardioPulse: developments in the treatment of aortic aneurysms in 2014. <i>European Heart Journal</i> , 2015 , 36, 585-7	9.5	1

150	Surviving 20 years after heart transplantation: a success story. <i>Annals of Thoracic Surgery</i> , 2014 , 97, 499-504	17
149	The impact of pretransplantation urgency status and the presence of a ventricular assist device on outcome after heart transplantation. <i>Transplantation Proceedings</i> , 2014 , 46, 1463-8	1.1 4
148	Paraincisional subcutaneous infusion of ropivacaine after open abdominal vascular surgery shows significant advantages. <i>Annals of Vascular Surgery</i> , 2014 , 28, 837-44	1.7 12
147	A hybrid open and endovascular repair for treatment of bovine aortic arch aneurysm accompanied by aneurysm of patent ductus arteriosus with deployment of Amplatzer duct occluder. <i>Annals of Vascular Surgery</i> , 2014 , 28, 1565.e1-4	1.7
146	Teleconsultation in vascular surgery: a 13 year single centre experience. <i>Journal of Telemedicine and Telecare</i> , 2014 , 20, 24-8	6.8 8
145	Chimney and periscope grafts to facilitate endovascular treatment of aortic transection in a patient with aberrant right subclavian artery. <i>Journal of Endovascular Therapy</i> , 2014 , 21, 123-6	2.5 11
144	Experience with a "hotline" service for outpatients on a ventricular assist device. <i>Thoracic and Cardiovascular Surgeon</i> , 2014 , 62, 409-13	1.6 6
143	Branch ligatures and blood aspiration for post-traumatic superficial temporal artery pseudoaneurysm: surgical technique. <i>General Thoracic and Cardiovascular Surgery</i> , 2014 , 62, 68-70	1.6 7
142	Less invasive (common) femoral artery aneurysm repair using endografts and limited dissection. <i>European Journal of Vascular and Endovascular Surgery</i> , 2013 , 45, 481-7	2.3 13
141	Patient-specific rehearsal prior to EVAR: a pilot study. <i>European Journal of Vascular and Endovascular Surgery</i> , 2013 , 45, 639-47	2.3 41
140	Technique of supraceliac balloon control of the aorta during endovascular repair of ruptured abdominal aortic aneurysms. <i>Journal of Vascular Surgery</i> , 2013 , 57, 272-5	3.5 34
139	Chronic mesenteric ischemia: critical review and guidelines for management. <i>Annals of Vascular Surgery</i> , 2013 , 27, 113-22	1.7 80
138	Distinction between acute and chronic type B aortic dissection: is there a sub-acute phase?. <i>European Journal of Vascular and Endovascular Surgery</i> , 2013 , 45, 627-31	2.3 52
137	Veno-venous perfusion to cool and rewarm in thoracic and thoracoabdominal aortic aneurysm repair. <i>Journal of Vascular Surgery</i> , 2013 , 58, 33-41	3.5 1
136	Chimney and periscope grafts observed over 2 years after their use to revascularize 169 renovisceral branches in 77 patients with complex aortic aneurysms. <i>Journal of Endovascular Therapy</i> , 2013 , 20, 597-605	2.5 95
135	Periscope endograft technique to revascularize the left subclavian artery during thoracic endovascular aortic repair. <i>Journal of Endovascular Therapy</i> , 2013 , 20, 728-34	2.5 26
134	Outpatient endovascular aortic aneurysm repair: experience in 100 consecutive patients. <i>Annals of Surgery</i> , 2013 , 258, 754-8; discussion 758-9	7.8 43
133	Chimney endografting for pararenal aortic pathologies using transfemoral access and the lift technique. <i>Journal of Endovascular Therapy</i> , 2013 , 20, 492-7	2.5 32

132	CT angiography at 24 months demonstrates durability of EVAR with the use of chimney grafts for pararenal aortic pathologies. <i>Journal of Endovascular Therapy</i> , 2013 , 20, 1-6	2.5	63
131	Endoluminal stent-graft relining of visceral artery bypass grafts to treat perigraft seroma. <i>Journal of Endovascular Therapy</i> , 2013 , 20, 868-71	2.5	2
130	Vascular graft infections. <i>Swiss Medical Weekly</i> , 2013 , 143, w13754	3.1	46
129	Endovascular Treatment of Ruptured Abdominal Aortic Aneurysms 2013 , 73-75		
128	Periskop-, Kamin- und Sandwichtechnik sowie VORTEC zur Vereinfachung der Behandlung von Aneurysmen der Aorta abdominalis und thoracoabdominalis. <i>Gefasschirurgie</i> , 2012 , 17, 632-639	0.3	0
127	Retrograde hypogastric artery embolization to treat iliac artery aneurysms growing after aortoiliac repair. <i>Journal of Vascular and Interventional Radiology</i> , 2012 , 23, 873-7	2.4	7
126	Use of covered chimney stents for pararenal aortic pathologies is safe and feasible with excellent patency and low incidence of endoleaks. <i>Journal of Vascular Surgery</i> , 2012 , 55, 659-65	3.5	113
125	SS8. Chimney and Periscope Grafts: Mid-term Results in 77 Consecutive Patients with Complex Aortic Aneurysms. <i>Journal of Vascular Surgery</i> , 2012 , 55, 20S	3.5	2
124	Current role for endovascular treatment of ruptured abdominal aortic aneurysms. <i>Seminars in Vascular Surgery</i> , 2012 , 25, 174-6	1.2	14
123	A new off-pump hybrid open and endovascular repair to treat ductus Botalli and ascendens aneurysms. <i>Vascular and Endovascular Surgery</i> , 2012 , 46, 172-5	1.4	7
122	Akute Gefäßerkrankungen in der Gastroenterologie. <i>Gastroenterologe</i> , 2012 , 7, 111-120	0.1	
121	Reverse chimney or periscope: some issues have to be addressed "Re: Endovascular aneurysm repair using a reverse chimney technique in a patient with Marfan syndrome and contained ruptured chronic type B dissection". <i>CardioVascular and Interventional Radiology</i> , 2012 , 35, 700-1;	2.7	3
120	A clampless and sutureless aortic anastomosis technique using an endograft connector for aortoiliac occlusive disease in which the aorta cannot be clamped or sewn due to calcification or scarring. <i>Vascular</i> , 2012 , 20, 262-7	1.3	12
119	Complete replacement of open repair for ruptured abdominal aortic aneurysms by endovascular aneurysm repair: a two-center 14-year experience. <i>Annals of Surgery</i> , 2012 , 256, 688-95; discussion 695-6	7.8	92
118	Regarding the commentary for "novel sutureless telescoping anastomosis revascularization technique of supra-aortic vessels to simplify combined open endovascular procedures in the treatment of aortic arch pathologies". <i>Journal of Vascular Surgery</i> , 2011 , 54, 285	3.5	
117	Acute aortic dissection: a case report showing penetrating thoracic aortic ulcer and infrarenal aortic rupture. <i>Journal of Cardiovascular Medicine</i> , 2011 , 12, 655-6	1.9	11
116	Reprinted article "Endovascular repair with bifurcated stent-grafts under local anaesthesia to improve outcome of ruptured aortoiliac aneurysms". <i>European Journal of Vascular and Endovascular Surgery</i> , 2011 , 42 Suppl 1, S86-93	2.3	5
115	Comment on "Intra-abdominal hypertension and abdominal compartment syndrome after endovascular repair of ruptured abdominal aortic aneurysm". <i>European Journal of Vascular and Endovascular Surgery</i> , 2011 , 42, 712	2.3	2

114	Minimal-invasiver Zugang für EVAR. <i>Gefasschirurgie</i> , 2011 , 16, 168-173	0.3	1
113	Maximum diameter measurements of aortic aneurysms on axial CT images after endovascular aneurysm repair: sufficient for follow-up?. <i>CardioVascular and Interventional Radiology</i> , 2011 , 34, 1182-9	2.7	13
112	Extracorporeal membrane oxygenation for acute respiratory distress syndrome: is the configuration mode an important predictor for the outcome?. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2011 , 12, 676-80	1.8	45
111	Long-term results of vascular graft and artery preserving treatment with negative pressure wound therapy in Szilagyi grade III infections justify a paradigm shift. <i>Annals of Surgery</i> , 2011 , 254, 754-59; discussion 760	7.8	45
110	Multiple periscope and chimney grafts to treat ruptured thoracoabdominal and pararenal aortic aneurysms. <i>Journal of Endovascular Therapy</i> , 2011 , 18, 642-9	2.5	69
109	Complete endovascular renal and visceral artery revascularization and exclusion of a ruptured type IV thoracoabdominal aortic aneurysm. <i>Journal of Endovascular Therapy</i> , 2010 , 17, 216-20	2.5	62
108	Sutureless telescoping aortic anastomotic technique for hybrid surgical treatment of aortoiliac occlusive disease. <i>Journal of Endovascular Therapy</i> , 2010 , 17, 251-4	2.5	7
107	Logistic considerations for a successful institutional approach to the endovascular repair of ruptured abdominal aortic aneurysms. <i>Vascular</i> , 2010 , 18, 64-70	1.3	8
106	Novel sutureless telescoping anastomosis revascularization technique of supra-aortic vessels to simplify combined open endovascular procedures in the treatment of aortic arch pathologies. <i>Journal of Vascular Surgery</i> , 2010 , 51, 836-41	3.5	25
105	Periscope graft to extend distal landing zone in ruptured thoracoabdominal aneurysms with short distal necks. <i>Journal of Vascular Surgery</i> , 2010 , 51, 1293-6	3.5	59
104	Midterm outcome of endovascular repair of ruptured isolated iliac artery aneurysms. <i>Journal of Vascular Surgery</i> , 2010 , 52, 1159-63	3.5	14
103	Comparative immunohistochemical staining of atherosclerotic plaques using F16, F8 and L19: Three clinical-grade fully human antibodies. <i>Atherosclerosis</i> , 2010 , 208, 382-9	3.1	44
102	A new sutureless telescoping anastomotic technique for major aortic branch revascularization with minimal dissection and ischemia. <i>Annals of Surgery</i> , 2010 , 252, 884-9	7.8	28
101	Hybrid-repair of thoraco-abdominal or juxtarenal aortic aneurysm: what the radiologist should know. <i>European Radiology</i> , 2010 , 20, 1011-22	8	3
100	Fatal outcome of recombinant factor VIIa in heart transplantation with extracorporeal membrane oxygenation. <i>Annals of Thoracic Surgery</i> , 2010 , 89, 1643-5	2.7	30
99	The heart of patients with aortic aneurysms: evidence from cardiac computed tomography. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2009 , 9, 769-73	1.8	5
98	Pull-down technique to allow complete endovascular relining of failed AAA Vanguard endografts with Excluder bifurcated endografts. <i>European Journal of Vascular and Endovascular Surgery</i> , 2009 , 38, 54-60	2.3	9
97	Conventional radiography and computed tomography of cardiac assist devices. <i>European Radiology</i> , 2009 , 19, 2097-106	8	4

96	Open abdomen treatment following endovascular repair of ruptured abdominal aortic aneurysms. <i>Journal of Vascular Surgery</i> , 2009 , 50, 1-7	3.5	147
95	Floating aortic arch thrombus involving the supraaortic trunks: successful treatment with supra-aortic debranching and antegrade endograft implantation. <i>Journal of Vascular Surgery</i> , 2009 , 50, 1177-80	3.5	32
94	Early and midterm outcome of a novel technique to simplify the hybrid procedures in the treatment of thoracoabdominal and pararenal aortic aneurysms. <i>Journal of Vascular Surgery</i> , 2009 , 50, 1280-4	3.5	75
93	10 years of emergency endovascular aneurysm repair for ruptured abdominal aortoiliac aneurysms: lessons learned. <i>Annals of Surgery</i> , 2009 , 249, 510-5	7.8	112
92	Collected world and single center experience with endovascular treatment of ruptured abdominal aortic aneurysms. <i>Annals of Surgery</i> , 2009 , 250, 818-24	7.8	171
91	Perspectives de prise en charge moderne des syndromes aortiques aigus 2009 , 273-286		
90	Endovascular repair of extracranial carotid artery dissection: current status and level of evidence. <i>Journal of Vascular and Interventional Radiology</i> , 2008 , 19, 1693-8	2.4	53
89	Improved hybrid technique for vascular access and closure. <i>Journal of Endovascular Therapy</i> , 2008 , 15, 322-5	2.5	19
88	Endoleaks after endovascular abdominal aortic aneurysm repair: detection with dual-energy dual-source CT. <i>Radiology</i> , 2008 , 249, 682-91	20.5	180
87	Endothelial nitric oxide synthase gene transfer inhibits human smooth muscle cell migration via inhibition of Rho A. <i>Journal of Cardiovascular Pharmacology</i> , 2008 , 52, 369-74	3.1	17
86	New technique to facilitate renal revascularization with use of telescoping self-expanding stent grafts: VORTEC. <i>Vascular</i> , 2008 , 16, 69-72	1.3	73
85	Teicoplanin-induced complete AV-block in a heart transplant recipient. <i>Infection</i> , 2008 , 36, 291-2	5.8	2
84	Differential effects of 17beta-estradiol on function and expression of estrogen receptor alpha, estrogen receptor beta, and GPR30 in arteries and veins of patients with atherosclerosis. <i>Hypertension</i> , 2007 , 49, 1358-63	8.5	132
83	Sixty-four-slice computed tomographic coronary angiography in pseudoaneurysm of the ascending aorta: a useful modality to supplement the diagnosis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2006 , 132, e17-9	1.5	
82	Giant aneurysm of an aberrant right subclavian artery from the left aortic arch. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2006 , 132, 1478-9	1.5	9
81	Functional growth in tissue-engineered living, vascular grafts: follow-up at 100 weeks in a large animal model. <i>Circulation</i> , 2006 , 114, 1159-66	16.7	153
80	Endovascular repair of inflammatory abdominal aneurysm: a retrospective analysis of CT follow-up. <i>Journal of Vascular and Interventional Radiology</i> , 2005 , 16, 737-41	2.4	20
79	Midterm outcome of endovascular repair of ruptured abdominal aortic aneurysms. <i>Journal of Vascular Surgery</i> , 2005 , 41, 752-7	3.5	112

78	Simultane Behandlung von obliterativen Karotispathologien und koronarer Herzkrankheit. <i>Gefasschirurgie</i> , 2005 , 10, 341-346	0.3	1
77	Normalization of high pulmonary vascular resistance with LVAD support in heart transplantation candidates. <i>European Journal of Cardio-thoracic Surgery</i> , 2005 , 27, 222-5	3	95
76	Isolated dextrocardia in a commercial pilot candidate. <i>Aviation, Space, and Environmental Medicine</i> , 2005 , 76, 137-40		
75	Emergency stent-graft placement for hemorrhage control in acute thoracic aortic rupture. <i>European Journal of Cardio-thoracic Surgery</i> , 2004 , 25, 1032-8	3	50
74	Resolution of hoarseness after endovascular repair of thoracic aortic aneurysm: a case of Ortner's syndrome. <i>Annals of Otology, Rhinology and Laryngology</i> , 2004 , 113, 43-5	2.1	25
73	Left ventricular assist device (LVAD) enables survival during 7 h of sustained ventricular fibrillation. <i>European Journal of Cardio-thoracic Surgery</i> , 2004 , 26, 444-6	3	21
72	Advantages of subclavian artery perfusion for repair of acute type A dissection. <i>European Journal of Cardio-thoracic Surgery</i> , 2004 , 26, 592-8	3	60
71	Headache as a manifestation of a life-threatening vascular disorder. <i>Headache</i> , 2004 , 44, 706-9	4.2	14
70	Early bypass occlusion after deployment of nitinol connector devices. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2004 , 127, 1421-6	1.5	23
69	A novel in vivo procedure for volumetric flow measurements. <i>Ultrasound in Medicine and Biology</i> , 2004 , 30, 633-7	3.5	12
68	Intractable ventricular tachycardia and bridging to heart transplantation with a non-pulsatile flow assist device in a patient with isolated left-ventricular non-compaction. <i>Journal of Heart and Lung Transplantation</i> , 2004 , 23, 147-9	5.8	19
67	The CentriMag: a new optimized centrifugal blood pump with levitating impeller. <i>Heart Surgery Forum</i> , 2004 , 7, E477-80	0.7	40
66	Validation of Intracoronary Shunt Flow Measurements for Off-Pump Coronary Artery Bypass Operations. <i>Heart Surgery Forum</i> , 2004 , 7, 26-30	0.7	9
65	Left ventricular assist device as bridge to heart transplantation--lessons learned with the MicroMed DeBakey axial blood flow pump. <i>European Journal of Cardio-thoracic Surgery</i> , 2003 , 24, 113-8	3	36
64	Early bypass occlusion in patients with the St Jude Medical Symmetry connector. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2003 , 125, 443-4	1.5	7
63	Evaluation of aortoiliac aneurysm before endovascular repair: comparison of contrast-enhanced magnetic resonance angiography with multidetector row computed tomographic angiography with an automated analysis software tool. <i>Journal of Vascular Surgery</i> , 2003 , 37, 619-27	3.5	44
62	Graft occlusion after deployment of the Symmetry Bypass System. <i>Annals of Thoracic Surgery</i> , 2003 , 75, 1626-9	2.7	11
61	Aortic stent-grafting: successful introduction into the combined procedure for coronary artery bypass grafting and aortic aneurysm repair. <i>European Journal of Cardio-thoracic Surgery</i> , 2003 , 23, 532-6 ³		2

60	Repair of bilateral common iliac artery aneurysm by potentially reversible, unilateral internal iliac artery embolisation followed by endovascular Y-stenting. <i>Vasa - European Journal of Vascular Medicine</i> , 2003 , 32, 103-7	1.9	
59	Study of coronary sinus flow reserve through transesophageal Doppler echocardiography in normal subjects. <i>Arquivos Brasileiros De Cardiologia</i> , 2002 , 79, 97-106	1.2	4
58	Endovascular repair with bifurcated stent-grafts under local anaesthesia to improve outcome of ruptured aortoiliac aneurysms. <i>European Journal of Vascular and Endovascular Surgery</i> , 2002 , 23, 528-36	2.3	155
57	ECG-gated multi-detector row CT for assessment of mitral valve disease: initial experience. <i>European Radiology</i> , 2002 , 12, 2662-9	8	51
56	Electrical and mechanical support in advanced heart failure. Rationale and feasibility of a combined management strategy. <i>European Heart Journal</i> , 2002 , 23, 1005-10	9.5	5
55	Endoscopic saphenous vein harvesting for CABG -- a randomized, prospective trial. <i>Thoracic and Cardiovascular Surgeon</i> , 2002 , 50, 160-3	1.6	48
54	Thoracic aorta: motion artifact reduction with retrospective and prospective electrocardiography-assisted multi-detector row CT. <i>Radiology</i> , 2002 , 222, 271-7	20.5	180
53	Acute traumatic aortic rupture: early stent-graft repair. <i>European Journal of Cardio-thoracic Surgery</i> , 2002 , 21, 959-63	3	91
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