

# Martin Andreas

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/9551202/martin-andreas-publications-by-year.pdf>

**Version:** 2024-04-28

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.

151  
papers

1,407  
citations

20  
h-index

30  
g-index

182  
ext. papers

2,107  
ext. citations

3.5  
avg, IF

4.39  
L-index

#	Paper	IF	Citations
151	Right Ventricular-Pulmonary Arterial Coupling and Afterload Reserve in Patients Undergoing Transcatheter Tricuspid Valve Repair.. <i>Journal of the American College of Cardiology</i> , <b>2022</b> , 79, 448-461	15.1	0
150	Prediction of mortality in isolated tricuspid surgery. <i>Journal of Cardiac Surgery</i> , <b>2022</b> , 37, 135-137	1.3	1
149	Hemodynamic Performance of Sutureless vs. Conventional Bioprostheses for Aortic Valve Replacement: The 1-Year Core-Lab Results of the Randomized PERSIST-AVR Trial.. <i>Frontiers in Cardiovascular Medicine</i> , <b>2022</b> , 9, 844876	5.4	0
148	Deviations From the Ideal Plasma Volume and Isolated Tricuspid Valve Surgery-Paving the Way for New Risk Stratification Parameters.. <i>Frontiers in Cardiovascular Medicine</i> , <b>2022</b> , 9, 849972	5.4	
147	Early Clinical Experience With the TRICENTO Bicaval Valved Stent for Treatment of Symptomatic Severe Tricuspid Regurgitation: A Multicenter Registry.. <i>Circulation: Cardiovascular Interventions</i> , <b>2022</b> , CIRCINTERVENTIONS121011302	6	0
146	Long Term Results of the Modified Bentall Procedure With Mechanical and Biological Composite Valve Grafts.. <i>Frontiers in Cardiovascular Medicine</i> , <b>2022</b> , 9, 867732	5.4	0
145	Conduction disturbances following surgical aortic valve replacement with a rapid-deployment bioprosthesis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2021</b> , 162, 803-811	1.5	12
144	A Real World 10-Year Experience With Vascular Closure Devices and Large-Bore Access in Patients Undergoing Transfemoral Transcatheter Aortic Valve Implantation.. <i>Frontiers in Cardiovascular Medicine</i> , <b>2021</b> , 8, 791693	5.4	0
143	Structural valve deterioration after aortic valve replacement with the Trifecta valve. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2021</b> , 32, 39-46	1.8	2
142	Effect of conventional and rapid-deployment aortic valve replacement on the distance from the aortic annulus to coronary arteries. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2021</b> , 32, 196-203	1.8	1
141	Long-term durability after surgical aortic valve replacement with the Trifecta and the Intuity valve-a comparative analysis. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2021</b> ,	3	2
140	The JenaValve pericardial transcatheter aortic valve replacement system to treat aortic valve disease. <i>Future Cardiology</i> , <b>2021</b> ,	1.3	2
139	Cytomegalovirus Infection Downregulates Vitamin D Receptor in Patients Undergoing Hematopoietic Stem Cell Transplantation. <i>Transplantation</i> , <b>2021</b> , 105, 1595-1602	1.8	0
138	Vascular Complications in TAVR: Incidence, Clinical Impact, and Management. <i>Journal of Clinical Medicine</i> , <b>2021</b> , 10,	5.1	3
137	Right ventricular function and outcome in patients undergoing transcatheter aortic valve replacement. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2021</b> , 22, 1295-1303	4.1	1
136	Long-Term Outcomes of Patients Undergoing the Ross Procedure. <i>Journal of the American College of Cardiology</i> , <b>2021</b> , 77, 1412-1422	15.1	16
135	Complex transcatheter aortic valve replacement in aortic regurgitation and transcatheter mitral annuloplasty in severe dextrocardia. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2021</b> , 60, 997-999	3	

134	Novel Transcatheter Mitral Prosthesis Designed to Preserve Physiological Ventricular Flow Dynamics. <i>Annals of Thoracic Surgery</i> , <b>2021</b> ,	2.7	1
133	Beating Versus Arrested Heart Isolated Tricuspid Valve Surgery: Long-term Outcomes. <i>Annals of Thoracic Surgery</i> , <b>2021</b> ,	2.7	1
132	Burden, treatment use, and outcome of secondary mitral regurgitation across the spectrum of heart failure: observational cohort study. <i>BMJ, The</i> , <b>2021</b> , 373, n1421	5.9	2
131	Effect of Transcatheter Aortic Valve Replacement on Concomitant Mitral Regurgitation and Its Impact on Mortality. <i>JACC: Cardiovascular Interventions</i> , <b>2021</b> , 14, 1181-1192	5	5
130	Transcatheter Tricuspid Valve Intervention in Patients With Previous Left Valve Surgery. <i>Canadian Journal of Cardiology</i> , <b>2021</b> , 37, 1094-1102	3.8	1
129	Rapid-Deployment Aortic Valves in a Small Aortic Root: Prosthesis-Patient Mismatch and Pacemaker Implantation: Reply. <i>Annals of Thoracic Surgery</i> , <b>2021</b> , 111, 379-380	2.7	
128	Sutureless versus conventional bioprostheses for aortic valve replacement in severe symptomatic aortic valve stenosis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2021</b> , 161, 920-932	1.5	14
127	The Prognostic Potential of Atrial Natriuretic Peptide on the Development of Postoperative Atrial Fibrillation after Cardiac Surgery. <i>Thrombosis and Haemostasis</i> , <b>2021</b> , 121, 1523-1529	7	1
126	Pacemaker lead-associated tricuspid regurgitation in patients with or without pre-existing right ventricular dilatation. <i>Clinical Research in Cardiology</i> , <b>2021</b> , 110, 884-894	6.1	5
125	The Iliofemoral tortuosity score predicts access and bleeding complications during transfemoral transcatheter aortic valve replacement: Data from the Vienna Cardio Thoracic aortic valve registry (VICTORY). <i>European Journal of Clinical Investigation</i> , <b>2021</b> , 51, e13491	4.6	3
124	Transcatheter Tricuspid Valve Intervention in Patients With Right Ventricular Dysfunction or Pulmonary Hypertension: Insights From the TriValve Registry. <i>Circulation: Cardiovascular Interventions</i> , <b>2021</b> , 14, e009685	6	7
123	Anterior Right Thoracotomy for Rapid-Deployment Aortic Valve Replacement. <i>Annals of Thoracic Surgery</i> , <b>2021</b> , 112, 564-571	2.7	1
122	Mitral Valve Surgery After Transcatheter Edge-to-Edge Repair: Mid-Term Outcomes From the CUTTING-EDGE International Registry. <i>JACC: Cardiovascular Interventions</i> , <b>2021</b> , 14, 2010-2021	5	3
121	The impact of invasive respiratory support on the development of postoperative atrial fibrillation following cardiac surgery. <i>Journal of Clinical Anesthesia</i> , <b>2021</b> , 72, 110309	1.9	0
120	Transcatheter Replacement of Transcatheter Versus Surgically Implanted Aortic Valve Bioprostheses. <i>Journal of the American College of Cardiology</i> , <b>2021</b> , 77, 1-14	15.1	17
119	Clinical outcomes of transcatheter aortic valve implantation in patients younger than 70 years rejected for surgery: the AMTRAC registry. <i>EuroIntervention</i> , <b>2021</b> ,	3.1	1
118	Routine preoperative aortic computed tomography angiography is associated with reduced risk of stroke in coronary artery bypass grafting: a propensity-matched analysis. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2020</b> , 57, 684-690	3	4
117	The impact of subclinical congestion on the outcome of patients undergoing transcatheter aortic valve implantation. <i>European Journal of Clinical Investigation</i> , <b>2020</b> , 50, e13251	4.6	9

116	Repeat Transcatheter Aortic Valve Replacement for Transcatheter Prosthesis Dysfunction. <i>Journal of the American College of Cardiology</i> , <b>2020</b> , 75, 1882-1893	15.1	59
115	Current trends of sutureless and rapid deployment valves: an 11-year experience from the Sutureless and Rapid Deployment International Registry. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2020</b> , 58, 1054-1062	3	6
114	Simultaneous transcatheter mitral valve-in-mitral annular calcification and aortic valve-in-valve implantation: benefits of advanced multimodality imaging. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2020</b> , 21, 1433	4.1	
113	Early results from a prospective, single-arm European trial on decellularized allografts for aortic valve replacement: the ARISE study and ARISE Registry data. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2020</b> , 58, 1045-1053	3	8
112	An Extended Duration of the Pre-Operative Hospitalization is Associated with an Increased Risk of Healthcare-Associated Infections after Cardiac Surgery. <i>Scientific Reports</i> , <b>2020</b> , 10, 8006	4.9	4
111	Isolated tricuspid valve regurgitation: old concepts, new insights and innovation. <i>Journal of Cardiovascular Medicine</i> , <b>2020</b> , 21, 406-414	1.9	3
110	Transcatheter edge-to-edge tricuspid repair for recurrence of valvular regurgitation after left ventricular assist device and tricuspid ring implantation. <i>ESC Heart Failure</i> , <b>2020</b> , 7, 915-919	3.7	5
109	The Certificate of Advanced Studies (CAS) course adapted to a pandemic. <i>European Heart Journal</i> , <b>2020</b> , 41, 1716-1718	9.5	3
108	Minimally invasive access type related to outcomes of sutureless and rapid deployment valves. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2020</b> , 58, 1063-1071	3	4
107	Light-chain and transthyretin cardiac amyloidosis in severe aortic stenosis: prevalence, screening possibilities, and outcome. <i>European Journal of Heart Failure</i> , <b>2020</b> , 22, 1852-1862	12.3	33
106	Atrial Fibrillation After Cardiac Surgery: Electrophysiological Mechanism and Outcome. <i>Annals of Thoracic Surgery</i> , <b>2020</b> , 109, 1765-1772	2.7	3
105	Minimally Invasive Redo Aortic Valve Replacement: Results From a Multicentric Registry (SURD-IR). <i>Annals of Thoracic Surgery</i> , <b>2020</b> , 110, 553-557	2.7	7
104	Rapid-Deployment Aortic Valves for Patients With a Small Aortic Root: A Single-Center Experience. <i>Annals of Thoracic Surgery</i> , <b>2020</b> , 110, 1549-1556	2.7	12
103	Fitness-Tracker Assisted Frailty-Assessment Before Transcatheter Aortic Valve Implantation: Proof-of-Concept Study. <i>JMIR MHealth and UHealth</i> , <b>2020</b> , 8, e19227	5.5	4
102	Implantation of a decellularized aortic homograft in a child. <i>Multimedia Manual of Cardiothoracic Surgery: MMCTS / European Association for Cardio-Thoracic Surgery</i> , <b>2020</b> , 2020,	0.2	
101	Early Antibiotic Prophylaxis Prior to Bypass Surgery Improves Tissue Penetration. <i>Thoracic and Cardiovascular Surgeon</i> , <b>2020</b> , 68, 669-673	1.6	
100	State of the art: leadless ventricular pacing : A national expert consensus of the Austrian Society of Cardiology. <i>Journal of Interventional Cardiac Electrophysiology</i> , <b>2020</b> , 57, 27-37	2.4	7
99	Off-Pump Tricuspid Annuloplasty through a Direct Transatrial Approach: Early Results. <i>Thoracic and Cardiovascular Surgeon</i> , <b>2020</b> , 68, 503-506	1.6	1

98	Impact of Subclinical Congestion on Outcome of Patients Undergoing Mitral Valve Surgery. <i>Biomedicines</i> , <b>2020</b> , 8,	4.8	2
97	Donor-specific HLA antibodies after fresh decellularized vs cryopreserved native allograft implantation. <i>Hla</i> , <b>2020</b> , 96, 580-588	1.9	3
96	Non-ST-elevation myocardial infarction after complex percutaneous coronary intervention and transcatheter aortic valve implantation: a case report of bioprosthesis-related delayed coronary obstruction and its difficult diagnosis. <i>European Heart Journal - Case Reports</i> , <b>2020</b> , 4, 1-5	0.9	1
95	Transplanted stents: a case report. <i>BMC Cardiovascular Disorders</i> , <b>2020</b> , 20, 312	2.3	
94	Decrease in serum alkaline phosphatase and prognostic relevance in adult cardiopulmonary bypass. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2020</b> , 31, 383-390	1.8	2
93	Evaluating the Association between Contrast Medium Dosage and Acute Kidney Injury in Transcatheter Aortic Valve Replacement Using Different Predictive Models. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	2
92	Acute oxygenator occlusion in two cases of polycythemia vera: Bailout strategies. <i>Journal of Cardiac Surgery</i> , <b>2020</b> , 35, 2835-2837	1.3	1
91	Sex Differences and Long-Term Outcome in Patients With Pacemakers. <i>Frontiers in Cardiovascular Medicine</i> , <b>2020</b> , 7, 569060	5.4	1
90	Sutureless and rapid deployment implantation in bicuspid aortic valve: results from the sutureless and rapid-deployment aortic valve replacement international registry. <i>Annals of Cardiothoracic Surgery</i> , <b>2020</b> , 9, 298-304	4.7	6
89	Outcome of rapid deployment aortic valves: long-term experience after 700 implants. <i>Annals of Cardiothoracic Surgery</i> , <b>2020</b> , 9, 314-321	4.7	8
88	Off-pump tricuspid valve repair by automated sutured tricuspid annular plication via transatrial cannulation: preclinical ex vivo and in vivo results. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2020</b> , 30, 636-645	1.8	2
87	Advanced three-dimensionally engineered simulation model for aortic valve and proximal aorta procedures. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2020</b> , 30, 887-895	1.8	1
86	Strong Signs for a Weak Wall in Tricuspid Aortic Valve Associated Aneurysms and a Role for Osteopontin in Bicuspid Aortic Valve Associated Aneurysms. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	5
85	Transcatheter aortic valve-in-ring implantation: feasibility in an acute, preclinical, pilot trial. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2019</b> , 28, 908-915	1.8	4
84	Extracellular matrix in ascending aortic aneurysms and dissections - What we learn from decellularization and scanning electron microscopy. <i>PLoS ONE</i> , <b>2019</b> , 14, e0213794	3.7	10
83	Minimally invasive aortic valve replacement with sutureless and rapid deployment valves: a report from an international registry (Sutureless and Rapid Deployment International Registry) <i>European Journal of Cardio-thoracic Surgery</i> , <b>2019</b> , 56, 793-799	3	37
82	Novel transcatheter clip device (MitraClip XTR) enables significant tricuspid annular size reduction. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2019</b> , 20, 1070	4.1	10
81	Excessive Pannus Overgrowth on the Aortic Side of Trifecta Valve Causing Severe Regurgitation. <i>Annals of Thoracic Surgery</i> , <b>2019</b> , 108, e87-e89	2.7	7

80	Early Clinical Experience with Double Ring Implantation for Aortic and Mitral Valve Repair. <i>Thoracic and Cardiovascular Surgeon</i> , <b>2019</b> , 67, 561-563	1.6	
79	A rare case of quadruple valve surgery with bioprosthetic pulmonary valve replacement in an octogenarian for degenerative valvular disease: Technical aspects. <i>Journal of Cardiac Surgery</i> , <b>2019</b> , 34, 1140-1142	1.3	
78	Early Insight Into In Vivo Recellularization of Cell-Free Allogenic Heart Valves. <i>Annals of Thoracic Surgery</i> , <b>2019</b> , 108, 581-589	2.7	13
77	Disproportionate Functional Mitral Regurgitation: Advancing a Conceptual Framework to Clinical Practice. <i>JACC: Cardiovascular Imaging</i> , <b>2019</b> , 12, 2088-2090	8.4	20
76	Electrical Stimulation of the Greater Auricular Nerve to Reduce Postoperative Atrial Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2019</b> , 12, e007711	6.4	10
75	Prognostic Value of Right Ventricular Dysfunction and Tricuspid Regurgitation in Patients with Severe Low-Flow Low-Gradient Aortic Stenosis. <i>Scientific Reports</i> , <b>2019</b> , 9, 14580	4.9	5
74	Transcatheter aortic valve-in-valve implantation in degenerative rapid deployment bioprostheses. <i>EuroIntervention</i> , <b>2019</b> , 15, 37-43	3.1	13
73	Transcatheter mitral valve-in-valve implantation: Advanced intraprocedural imaging in challenging hybrid procedures. <i>Multimedia Manual of Cardiothoracic Surgery: MMCTS / European Association for Cardio-Thoracic Surgery</i> , <b>2019</b> , 2019,	0.2	
72	Robotically Assisted Mitral Valve Repair as the Treatment of Choice for Patients with Difficult Anatomies. <i>Korean Journal of Thoracic and Cardiovascular Surgery</i> , <b>2019</b> , 52, 55-57	0.6	
71	Aortic valve-in-valve implantation requiring valve fracturing via a subclavian access: new insights with a word of caution. <i>Journal of Cardiovascular Medicine</i> , <b>2019</b> , 20, 787-791	1.9	
70	A novel, transfemoral prosthesis designed to treat aortic valve regurgitation: technical aspects and procedural guide. <i>Journal of Cardiovascular Medicine</i> , <b>2019</b> , 20, 844-848	1.9	1
69	Transcatheter Caval Valve Implantation of the Tricento Valve for Tricuspid Regurgitation Using Advanced Intraprocedural Imaging. <i>JACC: Case Reports</i> , <b>2019</b> , 1, 720-724	1.2	2
68	Response by Andreas et al to Letter Regarding Article, "Electrical Stimulation of the Greater Auricular Nerve to Reduce Postoperative Atrial Fibrillation". <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2019</b> , 12, e008067	6.4	1
67	Intermediate-term outcome of 500 consecutive rapid-deployment surgical aortic valve procedures. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2019</b> , 55, 527-533	3	23
66	Noninvasive mapping before surgical ablation for persistent, long-standing atrial fibrillation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2019</b> , 157, 248-256	1.5	7
65	The Portico transcatheter aortic valve for the treatment of severe aortic stenosis. <i>Future Cardiology</i> , <b>2019</b> , 15, 31-37	1.3	1
64	Long-term performance of pulmonary homografts after the Ross procedure: experience up to 25 years. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2019</b> , 55, 876-884	3	8
63	Accelerated acute severe antibody-mediated graft failure related to a Ross procedure 17 years earlier. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2018</b> , 54, 402-403	3	1

62	Implantation of a sutureless bioprosthesis without guiding sutures in a heavily calcified aortic root. <i>Journal of Cardiac Surgery</i> , <b>2018</b> , 33, 103-104	1.3	1
61	Minimally invasive aortic valve replacement through an upper hemisternotomy: the Vienna technique. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2018</b> , 53, ii29-ii31	3	3
60	Sutureless and Rapid-Deployment Aortic Valve Replacement International Registry (SURD-IR): early results from 3343 patients. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2018</b> , 54, 768-773	3	41
59	Comment on: Evaluation of cefazolin antimicrobial prophylaxis during cardiac surgery with cardiopulmonary bypass. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2018</b> , 73, 2587-2588	5.1	2
58	Tricuspid valve replacement: results of an orphan procedure - which is the best prosthesis?. <i>Journal of Cardiovascular Surgery</i> , <b>2018</b> , 59, 626-632	0.7	3
57	Valve-in-valve transcatheter aortic valve implantation into a novel, sutureless bioprosthesis: technical considerations. <i>EuroIntervention</i> , <b>2018</b> , 13, 1902-1903	3.1	10
56	Outcomes of a Rapid Deployment Aortic Valve versus its Conventional Counterpart. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , <b>2018</b> , 13, 177-183	1.5	2
55	Outcomes of a Rapid Deployment Aortic Valve Versus Its Conventional Counterpart: A Propensity-Matched Analysis. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , <b>2018</b> , 13, 177-183	1.5	16
54	Intravenous Heme Arginate Induces HO-1 (Heme Oxygenase-1) in the Human Heart. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2018</b> , 38, 2755-2762	9.4	12
53	Bicuspid aortic valve repair with "self-made" radio-opaque rigid annuloplasty ring implantation. <i>Journal of Cardiac Surgery</i> , <b>2018</b> , 33, 649-650	1.3	
52	The VKORC1 polymorphism rs9923231 is associated with aneurysms of the ascending aorta in an Austrian population. <i>Thrombosis Research</i> , <b>2017</b> , 152, 41-43	8.2	1
51	The recipient's heme oxygenase-1 promoter region polymorphism is associated with cardiac allograft vasculopathy. <i>Transplant International</i> , <b>2017</b> , 30, 510-518	3	4
50	Direct sternal administration of Vancomycin and Gentamicin during closure prevents wound infection. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2017</b> , 25, 6-11	1.8	10
49	Increased Thromboembolic Events With Dabigatran Compared With Vitamin K Antagonism in Left Ventricular Assist Device Patients: A Randomized Controlled Pilot Trial. <i>Circulation: Heart Failure</i> , <b>2017</b> , 10,	7.6	45
48	Long-term outcomes of a rapid deployment aortic valve: data up to 5 years. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2017</b> , 52, 281-287	3	49
47	Every like is not the same. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2017</b> , 153, 1553-1555	1.5	4
46	Prosthetic valve endocarditis involving the MitraClip device. <i>Journal of Cardiac Surgery</i> , <b>2017</b> , 32, 696-697.	1.3	4
45	Response by Andreas et al to Letter Regarding Article, "Increased Thromboembolic Events With Dabigatran Compared With Vitamin K Antagonism in Left Ventricular Assist Device Patients: A Randomized Controlled Pilot Trial". <i>Circulation: Heart Failure</i> , <b>2017</b> , 10,	7.6	1

44	Minimalinvasiver Aortenklappenersatz über eine anteriore rechtsseitige Thorakotomie. <i>Zeitschrift Für Herz-, Thorax- Und Gefasschirurgie</i> , <b>2017</b> , 31, 241-246	0.1	5
43	Delayed coronary obstruction following Portico in Freedom Solo valve-in-valve implantation. <i>Coronary Artery Disease</i> , <b>2017</b> , 28, 528-529	1.4	2
42	Quality of medical therapy in heart failure patients undergoing elective revascularisation: A protective effect of disease modifying therapy at discharge. <i>Scientific Reports</i> , <b>2017</b> , 7, 14909	4.9	1
41	The megaaortic syndrome: Progression of ascending aortic aneurysm or a disease of distinct origin?. <i>International Journal of Cardiology</i> , <b>2017</b> , 227, 717-726	3.2	1
40	Pledget-Armed Sutures Affect the Haemodynamic Performance of Biologic Aortic Valve Substitutes: A Preliminary Experimental and Computational Study. <i>Cardiovascular Engineering and Technology</i> , <b>2017</b> , 8, 17-29	2.2	19
39	Bioimpedance cardiography in pregnancy: A longitudinal cohort study on hemodynamic pattern and outcome. <i>BMC Pregnancy and Childbirth</i> , <b>2016</b> , 16, 128	3.2	14
38	Safety and feasibility of a novel adjustable mitral annuloplasty ring: a multicentre European experience. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2016</b> , 49, 249-54	3	10
37	Conventional versus rapid-deployment aortic valve replacement: a single-centre comparison between the Edwards Magna valve and its rapid-deployment successor. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2016</b> , 22, 799-805	1.8	44
36	Letter to the editor regarding "In vitro flow investigations in the aortic arch during cardiopulmonary bypass with stereo-PIV". <i>Journal of Biomechanics</i> , <b>2016</b> , 49, 1-2	2.9	7
35	Aortitis. <i>Vascular Pharmacology</i> , <b>2016</b> , 80, 1-10	5.9	33
34	Clinical significance of the single nucleotide polymorphism TLR2 R753Q in heart transplant recipients at risk for cytomegalovirus disease. <i>Journal of Clinical Virology</i> , <b>2016</b> , 84, 64-69	14.5	5
33	Comparable long-term results for porcine and pericardial prostheses after isolated aortic valve replacement. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2015</b> , 48, 557-61	3	19
32	Left ventricular thrombus in a patient with cutaneous T-cell lymphoma, hypereosinophilia and Mycoplasma pneumoniae infection - a challenging diagnosis: a case report. <i>Journal of Cardiothoracic Surgery</i> , <b>2015</b> , 10, 21	1.6	5
31	Case report: Pacemaker lead perforation of a papillary muscle inducing severe tricuspid regurgitation. <i>Journal of Cardiothoracic Surgery</i> , <b>2015</b> , 10, 39	1.6	9
30	Cefazolin and linezolid penetration into sternal cancellous bone during coronary artery bypass grafting. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2015</b> , 48, 758-64	3	10
29	Primary cardiac tumors on the verge of oblivion: a European experience over 15 years. <i>Journal of Cardiothoracic Surgery</i> , <b>2015</b> , 10, 56	1.6	39
28	Quadruple valve replacement and bypass surgery 23 years after the Ross operation. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2015</b> , 21, 132-4	1.8	
27	Orthotopic Experimental Lung Transplantation <b>2015</b> , 111-144		



26	Pacemaker lead malposition in the left atrial roof is masked by normal pacing thresholds. <i>Journal of Cardiothoracic Surgery</i> , <b>2014</b> , 9, 53	1.6	
25	Pacemaker lead malpositioning led to subsequent ischemic strokes despite antiplatelet and anticoagulation therapy. <i>Journal of Cardiothoracic Surgery</i> , <b>2014</b> , 9, 54	1.6	2
24	A single-center experience with the ross procedure over 20 years. <i>Annals of Thoracic Surgery</i> , <b>2014</b> , 97, 182-8	2.7	30
23	Peri-interventional endothelin--a receptor blockade improves long-term outcome in patients with ST-elevation acute myocardial infarction. <i>Thrombosis and Haemostasis</i> , <b>2014</b> , 112, 176-82	7	10
22	Cardioprotection: a review of current practice in global ischemia and future translational perspective. <i>BioMed Research International</i> , <b>2014</b> , 2014, 325725	3	21
21	The Ross procedure offers excellent survival compared with mechanical aortic valve replacement in a real-world setting. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2014</b> , 46, 409-13; discussion 413-4	3	34
20	Effects of endothelin A receptor blockade in patients with ST-elevation acute coronary syndrome--a rhythmologic substudy. <i>Life Sciences</i> , <b>2014</b> , 118, 430-4	6.8	3
19	Reply: To PMID 23462262. <i>Annals of Thoracic Surgery</i> , <b>2013</b> , 96, 1528-1529	2.7	
18	Endoscopic vein harvesting is influenced by patient-related risk factors and may be of specific benefit in female patients. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2013</b> , 17, 603-7	1.8	5
17	Materialization of ghosts: severe intracardiac masses after pacemaker lead extraction requiring immediate surgical intervention. <i>Heart Rhythm</i> , <b>2013</b> , 10, 1826	6.7	8
16	Innovative, simplified orthotopic lung transplantation in rats. <i>Journal of Surgical Research</i> , <b>2013</b> , 185, 419-25	2.5	14
15	Internal mammary artery harvesting influences antibiotic penetration into presternal tissue. <i>Annals of Thoracic Surgery</i> , <b>2013</b> , 95, 1323-9; discussion 1329-30	2.7	31
14	Impact of cold ischemia on mitochondrial function in porcine hearts and blood vessels. <i>International Journal of Molecular Sciences</i> , <b>2013</b> , 14, 22042-51	6.3	7
13	Long-term absolute and relative survival after aortic valve replacement: a prospective cohort study. <i>European Journal of Anaesthesiology</i> , <b>2013</b> , 30, 695-703	2.3	13
12	How to build your own coronary anastomosis simulator from scratch. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2013</b> , 16, 772-6	1.8	12
11	Automatic model-based analysis of skeletal muscle BOLD-MRI in reactive hyperemia. <i>Journal of Magnetic Resonance Imaging</i> , <b>2013</b> , 38, 963-9	5.6	9
10	Augmentation index and pulse wave velocity in normotensive and pre-eclamptic pregnancies. <i>Acta Obstetricia Et Gynecologica Scandinavica</i> , <b>2013</b> , 92, 960-6	3.8	42
9	Giant lateral left ventricular wall aneurysm sparing the submitral apparatus. <i>Journal of Cardiothoracic Surgery</i> , <b>2013</b> , 8, 201	1.6	3

8	Characteristics of TAV- and BAV-associated thoracic aortic aneurysms--smooth muscle cell biology, expression profiling, and histological analyses. <i>Atherosclerosis</i> , <b>2012</b> , 220, 355-61	3.1	51
7	Heme arginate improves reperfusion patterns after ischemia: a randomized, placebo-controlled trial in healthy male subjects. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2012</b> , 14, 55	6.9	18
6	Comparison of measuring energy metabolism by different (31) P-magnetic resonance spectroscopy techniques in resting, ischemic, and exercising muscle. <i>Magnetic Resonance in Medicine</i> , <b>2012</b> , 67, 898-905	4.4	34
5	Systemic endothelin receptor blockade in ST-segment elevation acute coronary syndrome protects the microvasculature: a randomised pilot study. <i>EuroIntervention</i> , <b>2012</b> , 7, 1386-95	3.1	17
4	Effect of ischemic preconditioning in skeletal muscle measured by functional magnetic resonance imaging and spectroscopy: a randomized crossover trial. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2011</b> , 13, 32	6.9	53
3	N-terminal-pro-brain natriuretic peptide is decreased in insulin dependent gestational diabetes mellitus: a prospective cohort trial. <i>Cardiovascular Diabetology</i> , <b>2011</b> , 10, 28	8.7	10
2	Haem arginate infusion stimulates haem oxygenase-1 expression in healthy subjects. <i>British Journal of Pharmacology</i> , <b>2010</b> , 161, 1751-62	8.6	31
1	NT-proBNP is increased in healthy pregnancies compared to non-pregnant controls. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , <b>2009</b> , 88, 234-7	3.8	32