Matthias Thielmann

List of Publications by Year
in descending order

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163	12,321	50276	26613
papers	citations	46 h-index	107 g-index

173	173	173	11225
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	External stenting and disease progression in saphenous vein grafts two years after coronary artery bypass grafting: A multicenter randomized trial. Journal of Thoracic and Cardiovascular Surgery, 2022, 164, 1532-1541.e2.	0.8	28
2	Surgical treatment for post-infarction papillary muscle rupture: a multicentre study. European Journal of Cardio-thoracic Surgery, 2022, 61, 469-476.	1.4	14
3	Impact of myocardial injury after coronary artery bypass grafting on long-term prognosis. European Heart Journal, 2022, 43, 2407-2417.	2.2	18
4	Effects of the harvesting technique and external stenting on progression of vein graft disease 2 years after coronary artery bypass. European Journal of Cardio-thoracic Surgery, 2022, 62, .	1.4	8
5	Cytokine Hemoadsorption During Cardiac Surgery Versus Standard Surgical Care for Infective Endocarditis (REMOVE): Results From a Multicenter Randomized Controlled Trial. Circulation, 2022, 145, 959-968.	1.6	61
6	Bioassays of Humoral Cardioprotective Factors Released by Remote Ischemic Conditioning in Patients Undergoing Coronary Artery Bypass Surgery. Journal of Cardiovascular Pharmacology and Therapeutics, 2022, 27, 107424842210972.	2.0	5
7	Urgent Coronary Artery Bypass Grafting Complicated by Systemic Inflammatory Response from Fulminant Herpes Zoster Successfully Managed with Adjunct Extracorporeal Hemoadsorption: A Case Report. Journal of Clinical Medicine, 2022, 11, 3106.	2.4	1
8	Triiodothyronine improves contractile recovery of human atrial trabeculae after hypoxia/reoxygenation. International Journal of Cardiology, 2022, 363, 159-162.	1.7	4
9	Simultaneous transaortic transcatheter aortic valve implantation and offâ€pump coronary artery bypass: An effective hybrid approach. Journal of Cardiac Surgery, 2021, 36, 1226-1231.	0.7	13
10	Extracorporeal cytokine adsorption: Significant reduction of catecholamine requirement in patients with AKI and septic shock after cardiac surgery. PLoS ONE, 2021, 16, e0246299.	2.5	19
11	Changes of stent-graft orientation after frozen elephant trunk treatment in aortic dissection. European Journal of Cardio-thoracic Surgery, 2021, 61, 142-149.	1.4	9
12	Mitral surgical redo versus transapical transcatheter mitral valve implantation. PLoS ONE, 2021, 16, e0256569.	2.5	8
13	Coronary Artery Bypass Graft Surgery in Patients With Acute Coronary Syndromes After Primary Percutaneous Coronary Intervention: A Current Report From the Northâ€Rhine Westphalia Surgical Myocardial Infarction Registry. Journal of the American Heart Association, 2021, 10, e021182.	3.7	10
14	Transapical transcatheter mitral valve implantation in patients with degenerated mitral bioprostheses or failed ring annuloplasty. Annals of Cardiothoracic Surgery, 2021, 10, 674-682.	1.7	3
15	Teprasiran, a Small Interfering RNA, for the Prevention of Acute Kidney Injury in High-Risk Patients Undergoing Cardiac Surgery: A Randomized Clinical Study. Circulation, 2021, 144, 1133-1144.	1.6	42
16	The Germanâ€“Austrian S3 Guideline â€œCardiogenic Shock Due to Myocardial Infarction: Diagnosis, Monitoring, and Treatmentâ€• Thoracic and Cardiovascular Surgeon, 2021, 69, 684-692.	1.0	7
17	Mitochondrial Telomerase Reverse Transcriptase Protects From Myocardial Ischemia/Reperfusion Injury by Improving Complex I Composition and Function. Circulation, 2021, 144, 1876-1890.	1.6	46
18	Surgical Treatment of Postinfarction Ventricular Septal Rupture. JAMA Network Open, 2021, 4, e2128309.	5.9	44

#	Article	IF	Citations
19	Impact of Non-Valvular Non-Coronary Concomitant Procedures on Outcomes of Surgical Aortic Valve Replacement in Intermediate Risk Patients. Journal of Clinical Medicine, 2021, 10, 5592.	2.4	0
20	Long-Term Outcomes of Coronary Endarterectomy in Patients With Complete Imaging Follow-Up. Seminars in Thoracic and Cardiovascular Surgery, 2020, 32, 730-737.	0.6	12
21	An in vitro comparison of flow dynamics of the Magna Ease and the Trifecta prostheses. Minimally Invasive Therapy and Allied Technologies, 2020, 29, 78-85.	1.2	8
22	Modified implantation height of the Sapien3â„¢ transcatheter heart valve. Minimally Invasive Therapy and Allied Technologies, 2020, 29, 70-77.	1.2	7
23	2019 ESC Guidelines for the diagnosis and management of acute pulmonary embolism developed in collaboration with the European Respiratory Society (ERS). European Heart Journal, 2020, 41, 543-603.	2.2	2,426
24	Surgical revascularization for acute coronary syndromes: a report from the North Rhine-Westphalia surgical myocardial infarction registry. European Journal of Cardio-thoracic Surgery, 2020, 58, 1137-1144.	1.4	13
25	Heartsâ€"A New International Open Access Journal for Cardiology, Cardiac and Vascular Surgery. Hearts, 2020, 1, 3-4.	0.9	0
26	Extracellular vesicles isolated from patients undergoing remote ischemic preconditioning decrease hypoxia-evoked apoptosis of cardiomyoblasts after isoflurane but not propofol exposure. PLoS ONE, 2020, 15, e0228948.	2.5	24
27	Intraoperative Hemoadsorption in Patients With Native Mitral Valve Infective Endocarditis. Annals of Thoracic Surgery, 2020, 110, 890-896.	1.3	34
28	Impact of Bioprosthetic Choice on Mortality After Transfemoral Transcatheter Aortic Valve Implantation in Patients With Reduced Versus Preserved Left-Ventricular Ejection Fraction. American Journal of Cardiology, 2020, 125, 1550-1557.	1.6	1
29	Remote ischaemic preconditioning increases serum extracellular vesicle concentrations with altered microâ€RNA signature in CABG patients. Acta Anaesthesiologica Scandinavica, 2019, 63, 483-492.	1.6	34
30	Outcomes of mitral valve repair in acute native mitral valve infective endocarditis. Interactive Cardiovascular and Thoracic Surgery, 2019, 29, 823-829.	1.1	10
31	Hedinger syndrome: first experience and two-year follow-up in patients with carcinoid heart disease. Journal of Thoracic Disease, 2019, 11, 3234-3240.	1.4	6
32	Early Clinical Outcomes of Surgical Myocardial Revascularization for Acute Coronary Syndromes Complicated by Cardiogenic Shock: A Report From the Northâ€Rhineâ€Westphalia Surgical Myocardial Infarction Registry. Journal of the American Heart Association, 2019, 8, e012049.	3.7	18
33	Multiplex polymerase chain reaction to diagnose bloodstream infections in patients after cardiothoracic surgery. BMC Anesthesiology, 2019, 19, 59.	1.8	4
34	Outcomes after transaortic transcatheter aortic valve implantation: long-term findings from the European ROUTEâ€. European Journal of Cardio-thoracic Surgery, 2019, 55, 737-743.	1.4	11
35	Persistent Survival BenefitÂFrom Remote Ischemic Pre-Conditioning in Patients Undergoing Coronary Artery BypassÂSurgery. Journal of the American College of Cardiology, 2018, 71, 252-254.	2.8	23
36	Statin Therapy in Patients Undergoing Coronary Artery Bypass Grafting for Acute Coronary Syndrome. Thoracic and Cardiovascular Surgeon, 2018, 66, 434-441.	1.0	4

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37	2017 EACTS Guidelines on perioperative medication in adult cardiac surgery. European Journal of Cardio-thoracic Surgery, 2018, 53, 5-33.	1.4	292
38	Balloon-expandable transaortic transcatheter aortic valve implantation with or without predilation. Journal of Thoracic and Cardiovascular Surgery, 2018, 155, 915-923.	0.8	10
39	Infections after transcatheter versus surgical aortic valve replacement: mid-term results of 200 consecutive patients. Journal of Thoracic Disease, 2018, 10, 4342-4352.	1.4	11
40	Mitochondrial and Contractile Function of Human Right Atrial Tissue in Response to Remote Ischemic Conditioning. Journal of the American Heart Association, 2018, 7, e009540.	3.7	33
41	Transcatheter versus Surgical Aortic Valve Replacement after Previous Cardiac Surgery: A Systematic Review and Meta-Analysis. Cardiology Research and Practice, 2018, 2018, 1-11.	1.1	11
42	The number of strata in propensity score stratification for a binary outcome. Archives of Medical Science, 2018, 14, 695-700.	0.9	9
43	The frozen elephant trunk treatment is the operation of choice for all kinds of arch disease. Journal of Cardiovascular Surgery, 2018, 59, 540-546.	0.6	22
44	Long-term experience with the E-vita Open hybrid graft in complex thoracic aortic diseaseâ€. European Journal of Cardio-thoracic Surgery, 2017, 51, ezw340.	1.4	32
45	Heart-Type Fatty Acid Binding Protein and Ischemia-Modified Albumin for Detection of Myocardial Infarction After Coronary Artery Bypass Graft Surgery. Annals of Thoracic Surgery, 2017, 104, 130-137.	1.3	22
46	GNAQ TT(-695/-694)GC Polymorphism Is Associated with Increased Gq Expression, Vascular Reactivity, and Myocardial Injury after Coronary Artery Bypass Surgery. Anesthesiology, 2017, 127, 70-77.	2.5	2
47	Transaortic transcatheter aortic valve implantation using SAPIEN XT or SAPIEN 3 valves in the ROUTE registryâ€. Interactive Cardiovascular and Thoracic Surgery, 2017, 25, 757-764.	1.1	8
48	Transaortic transcatheter aortic valve implantation as a first-line choice or as a last resort? An analysis based on the ROUTE registryâ€. European Journal of Cardio-thoracic Surgery, 2017, 51, 919-926.	1.4	13
49	Transcatheter aortic valve implantation using the ACURATE TAâ„¢ system: 1-year outcomes and comparison of 500 patients from the SAVI registries. European Journal of Cardio-thoracic Surgery, 2017, 51, 936-942.	1.4	18
50	No protection of heart, kidneys and brain by remote ischemic preconditioning before transfemoral transcatheter aortic valve implantation: Interim-analysis of a randomized single-blinded, placebo-controlled, single-center trial. International Journal of Cardiology, 2017, 231, 248-254.	1.7	15
51	The impact of entries and exits on false lumen thrombosis and aortic remodellingâ€. European Journal of Cardio-thoracic Surgery, 2017, 52, 508-515.	1.4	31
52	Impact of Liver Indicators on Clinical Outcome in Patients Undergoing Transcatheter Aortic Valve Implantation. Annals of Thoracic Surgery, 2017, 104, 1357-1364.	1.3	16
53	Minimal access versus conventional aortic valve replacement: a meta-analysis of propensity-matched studiesâ€. Interactive Cardiovascular and Thoracic Surgery, 2017, 25, 624-632.	1.1	43
54	Early and long-term cognitive outcome after conventional cardiac valve surgery. Interactive Cardiovascular and Thoracic Surgery, 2017, 24, ivw421.	1.1	24

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55	Long term outcomes of transcatheter aortic valve implantation (TAVI): a systematic review of 5-year survival and beyond. Annals of Cardiothoracic Surgery, 2017, 6, 432-443.	1.7	88
56	Impact of previous cardiac surgery in patients undergoing transcatheter aortic valve implantation: a systematic review. Journal of Cardiovascular Surgery, 2017, 58, 787-793.	0.6	5
57	Transcatheter aortic valve implantation (TAVI) in patients with aortic regurgitation. Annals of Cardiothoracic Surgery, 2017, 6, 558-560.	1.7	8
58	Editorial comment on the RESPOND study. Journal of Thoracic Disease, 2017, 9, 3587-3589.	1.4	1
59	Transcatheter Aortic Valve Replacement Using Transaortic Access. JACC: Cardiovascular Interventions, 2016, 9, 1815-1822.	2.9	38
60	Comparison of mid-term haemodynamic performance between the BioValsalva and the BioIntegral valved conduits after aortic root replacement. Interactive Cardiovascular and Thoracic Surgery, 2016, 23, 112-117.	1.1	12
61	Predictors of aortic pulse wave velocity in the elderly with severe aortic stenosis. Aging Clinical and Experimental Research, 2016, 28, 519-525.	2.9	6
62	Five-year haemodynamic outcomes of the first-generation SAPIEN balloon-expandable transcatheter heart valve. EuroIntervention, 2016, 12, 775-782.	3.2	21
63	Outcome in <scp>TAVI</scp> patients with symptomatic aortic stenosis not fulfilling <scp>PARTNER</scp> study inclusion criteria. Catheterization and Cardiovascular Interventions, 2015, 86, 1097-1104.	1.7	9
64	First registry results from the newly approved ACURATE TAâ„¢ TAVI system. European Journal of Cardio-thoracic Surgery, 2015, 48, 137-141.	1.4	45
65	Methodology manual for European Association for Cardio-Thoracic Surgery (EACTS) clinical guidelines. European Journal of Cardio-thoracic Surgery, 2015, 48, ezv309.	1.4	5
66	Detection of aortic wall instability with the new dissectometer: Correlation with histological findings. Minimally Invasive Therapy and Allied Technologies, 2015, 24, 233-241.	1.2	2
67	Intraaortic Protection From Embolization in Patients Undergoing Transaortic Transcatheter Aortic Valve Implantation. Annals of Thoracic Surgery, 2015, 100, 686-691.	1.3	67
68	Low Incidence of Paravalvular Leakage With the Balloon-Expandable Sapien 3 Transcatheter Heart Valve. Annals of Thoracic Surgery, 2015, 100, 819-826.	1.3	27
69	Conventional aortic valve replacement or transcatheter aortic valve implantation in patients with previous cardiac surgery. Journal of Cardiology, 2015, 66, 292-297.	1.9	26
70	The investigation of systolic and diastolic leaflet kinematics of bioprostheses with a new in-vitro test method. Minimally Invasive Therapy and Allied Technologies, 2015, 24, 274-81.	1.2	2
71	Left subclavian artery rerouting and selective perfusion management in frozen elephant trunk surgery. Minimally Invasive Therapy and Allied Technologies, 2015, 24, 311-6.	1.2	25
72	Transapical Transcatheter Aortic Valve for Severe Aortic Regurgitation. JACC: Cardiovascular Interventions, 2014, 7, 1159-1167.	2.9	68

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73	Multicenter Evaluation of a Next-Generation Balloon-Expandable Transcatheter Aortic Valve. Journal of the American College of Cardiology, 2014, 64, 2235-2243.	2.8	297
74	Comparison Between Different Risk Scoring Algorithms on Isolated Conventional or Transcatheter Aortic Valve Replacement. Annals of Thoracic Surgery, 2014, 97, 796-802.	1.3	43
75	The new St Jude Trifecta versus Carpentier-Edwards PerimountÂMagna and Magna Ease aortic bioprosthesis: IsÂthereÂaÂhemodynamic superiority?. Journal of Thoracic and Cardiovascular Surgery, 2014, 147, 1553-1560.	0.8	51
76	Interference of propofol with signal transducer and activator of transcription 5 activation and cardioprotection by remote ischemic preconditioning during coronary artery bypass grafting. Journal of Thoracic and Cardiovascular Surgery, 2014, 147, 376-382.	0.8	151
77	No Evidence for Activated Autophagy in Left Ventricular Myocardium at Early Reperfusion with Protection by Remote Ischemic Preconditioning in Patients Undergoing Coronary Artery Bypass Grafting. PLoS ONE, 2014, 9, e96567.	2.5	49
78	Sutureâ€mediated arterial access site closure after transfemoral aortic valve implantation. Catheterization and Cardiovascular Interventions, 2013, 81, E139-50.	1.7	22
79	Cardioprotective and prognostic effects of remote ischaemic preconditioning in patients undergoing coronary artery bypass surgery: a single-centre randomised, double-blind, controlled trial. Lancet, The, 2013, 382, 597-604.	13.7	403
80	Nitroglycerin does not Interfere with Protection by Remote Ischemic Preconditioning in Patients with Surgical Coronary Revascularization under Isoflurane Anesthesia. Cardiovascular Drugs and Therapy, 2013, 27, 359-361.	2.6	30
81	Incidence, predictors, origin and prevention of early and late neurological events after transcatheter aortic valve implantation (TAVI): a comprehensive review of current data. Journal of Thrombosis and Thrombolysis, 2013, 35, 436-449.	2.1	12
82	The past, present and future of minimally invasive therapy in endovascular interventions: A review and speculative outlook. Minimally Invasive Therapy and Allied Technologies, 2013, 22, 242-253.	1.2	12
83	Hybrid operating room concept for combined diagnostics, intervention and surgery in acute type A dissection. European Journal of Cardio-thoracic Surgery, 2013, 43, 397-404.	1.4	100
84	Preparatory Balloon Aortic Valvuloplasty During Transcatheter Aortic Valve Implantation for Improved Valve Sizing. JACC: Cardiovascular Interventions, 2013, 6, 965-971.	2.9	52
85	Management of High-Risk Patients With Aortic Stenosis and Coronary Artery Disease. Annals of Thoracic Surgery, 2013, 95, 599-605.	1.3	33
86	Transapical aortic valve implantation using a new self-expandable bioprosthesis (ACURATE TAâ„¢): 6-month outcomesâ€. European Journal of Cardio-thoracic Surgery, 2013, 43, 52-57.	1.4	62
87	A New self-expandable transcatheter aortic valve for transapical implantation: feasibility in acute and chronic animal experiments. Scandinavian Cardiovascular Journal, 2013, 47, 145-153.	1.2	10
88	Worldwide experience with the 29-mm Edwards SAPIEN XTTM transcatheter heart valve in patients with large aortic annulus. European Journal of Cardio-thoracic Surgery, 2013, 43, 371-377.	1.4	14
89	One-year multicentre outcomes of transapical aortic valve implantation using the SAPIEN XTÂ valve: the PREVAIL transapical study. European Journal of Cardio-thoracic Surgery, 2013, 43, 986-992.	1.4	27
90	eComment. The prognostic role of the MELD score in cardiac surgery patients with cirrhosis. Interactive Cardiovascular and Thoracic Surgery, 2013, 16, 338-338.	1.1	1

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91	Cognitive function after transapical aortic valve implantation: a single-centre study with 3-month follow-up. Interactive Cardiovascular and Thoracic Surgery, 2013, 16, 116-122.	1.1	47
92	Coronary ostium topography: An implication for transcatheter aortic valve implantation?. Minimally Invasive Therapy and Allied Technologies, 2013, 22, 65-72.	1.2	3
93	Response to Letters Regarding Article, â€œCerebral Embolization During Transcatheter Aortic Valve Implantation: A Transcranial Doppler Studyâ€• Circulation, 2013, 127, e591-2.	1.6	4
94	Remote ischemic preconditioning. Journal of Cardiovascular Medicine, 2013, 14, 187-192.	1.5	10
95	PREVAIL TRANSAPICAL: multicentre trial of transcatheter aortic valve implantation using the newly designed bioprosthesis (SAPIEN-XT) and delivery system (ASCENDRA-II). European Journal of Cardio-thoracic Surgery, 2012, 42, 278-283.	1.4	51
96	Prognostic significance of cardiac troponin I on admission for surgical treatment of acute pulmonary embolism: a single-centre experience over more than 10 years. European Journal of Cardio-thoracic Surgery, 2012, 42, 951-957.	1.4	12
97	First-Line Therapy With Coagulation Factor Concentrates Combined With Point-of-Care Coagulation Testing is Associated With Decreased Allogeneic Blood Transfusion in Cardiovascular Surgery. Survey of Anesthesiology, 2012, 56, 163-164.	0.1	6
98	Transient Increase in Pressure Gradients After Termination of Dual Antiplatelet Therapy in a Patient After Transfemoral Aortic Valve Implantation. Circulation: Cardiovascular Interventions, 2012, 5, 318-320.	3.9	9
99	Six-year experience with a hybrid stent graft prosthesis for extensive thoracic aortic disease: an interim balance. European Journal of Cardio-thoracic Surgery, 2012, 42, 1018-1025.	1.4	47
100	Cerebral Embolization During Transcatheter Aortic Valve Implantation. Circulation, 2012, 126, 1245-1255.	1.6	283
101	STAT5 Activation and Cardioprotection by Remote Ischemic Preconditioning in Humans. Circulation Research, 2012, 110, 111-115.	4.5	194
102	Valve-in-Valve Transcatheter Aortic Valve Implantation for Degenerated Bioprosthetic Heart Valves. JACC: Cardiovascular Interventions, 2011, 4, 1218-1227.	2.9	133
103	Does the euroSCORE equally well predict perioperative cardiac surgical risk for men and women?. Minimally Invasive Therapy and Allied Technologies, 2011, 20, 67-71.	1.2	7
104	Development and In Vitro Characterization of a New Artificial Flow Channel. Artificial Organs, 2011, 35, E59-64.	1.9	5
105	Open balloon aortic valvuloplasty in aortic stenosis: Implications for transcatheter aortic valve implantations. Minimally Invasive Therapy and Allied Technologies, 2011, 20, 95-100.	1.2	0
106	One year follow-up of the multi-centre European PARTNER transcatheter heart valve study. European Heart Journal, 2011, 32, 148-157.	2.2	356
107	Usefulness of a novel balloon-expandable vascular sheath for facilitated large-bore arterial access for transcatheter aortic valve implantation. EuroIntervention, 2011, 6, 893-894.	3.2	17
108	In-vitro investigation of the hemodynamics of the Edwards Sapien transcatheter heart valve. Journal of Heart Valve Disease, 2011, 20, 53-63.	0.5	17

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109	Aortic stenosis in the geriatric population: current perspectives and modern treatment options. Aging Health, 2010, 6, 229-242.	0.3	3
110	Remote ischemic preconditioning reduces myocardial injury after coronary artery bypass surgery with crystalloid cardioplegic arrest. Basic Research in Cardiology, 2010, 105, 657-664.	5.9	197
111	Silent and Apparent Cerebral Ischemia After Percutaneous Transfemoral Aortic Valve Implantation. Circulation, 2010, 121, 870-878.	1.6	483
112	Trans-apical aortic valve implantation: univariate and multivariate analyses of the early results from the SOURCE registryâ˜†â˜†â˜†. European Journal of Cardio-thoracic Surgery, 2010, 38, 119-127.	1.4	82
113	Risk prediction and outcomes in patients with liver cirrhosis undergoing open-heart surgeryâ˜†. European Journal of Cardio-thoracic Surgery, 2010, 38, 592-599.	1.4	78
114	Perioperative thrombocytopenia in cardiac surgical patients â€" incidence of heparin-induced thrombocytopenia, morbidities and mortality. European Journal of Cardio-thoracic Surgery, 2010, 37, 1391-1395.	1.4	34
115	The EuroSCORE â€“ still helpful in patients undergoing isolated aortic valve replacement?â˜†. Interactive Cardiovascular and Thoracic Surgery, 2010, 10, 239-244.	1.1	22
116	Guidelines on myocardial revascularization: The Task Force on Myocardial Revascularization of the European Society of Cardiology (ESC) and the European Association for Cardio-Thoracic Surgery (EACTS). European Heart Journal, 2010, 31, 2501-2555.	2.2	2,649
117	Guidance of percutaneous transcatheter aortic valve implantation by real-time three-dimensional transesophageal echocardiography â€“ A single-center experience. Minimally Invasive Therapy and Allied Technologies, 2009, 18, 142-148.	1.2	45
118	A new tool for the resection of aortic valves: In-vitro results for turning moments and forces using Nitinol cutting edges. Minimally Invasive Therapy and Allied Technologies, 2009, 18, 164-171.	1.2	4
119	Sutureless aortic valves over the last 45 years. Minimally Invasive Therapy and Allied Technologies, 2009, 18, 122-130.	1.2	18
120	New techniques for the treatment of valvular aortic stenosis â€“ transcatheter aortic valve implantation with the SAPIEN heart valve. Minimally Invasive Therapy and Allied Technologies, 2009, 18, 131-141.	1.2	20
121	Successful transapical aortic valve implantation four weeks before 97th birthday. Interactive Cardiovascular and Thoracic Surgery, 2009, 8, 684-686.	1.1	6
122	Cutting precision in a novel aortic valve resection tool. Research in progressâ˜†â˜†â˜†. Interactive Cardiovascular and Thoracic Surgery, 2009, 9, 672-676.	1.1	6
123	In vitro results of a new minimally invasive aortic valve resecting toolâ˜†â˜†â˜†. European Journal of Cardio-thoracic Surgery, 2009, 35, 622-627.	1.4	21
124	Impact of prior percutaneous coronary intervention on the outcome of coronary artery bypass surgery: A multicenter analysis. Journal of Thoracic and Cardiovascular Surgery, 2009, 137, 840-845.	0.8	72
125	Use of Circular Foldable Nitinol Blades for Resecting Calcified Aortic Heart Valves. Journal of Materials Engineering and Performance, 2009, 18, 463-469.	2.5	2
126	Vascular Access Site Complications after Percutaneous Transfemoral Aortic Valve Implantation. Herz, 2009, 34, 398-408.	1.1	96

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127	Transfemoral Aortic Valve Implantation in a Patient with Prior Mechanical Mitral Valve Replacement. Herz, 2009, 34, 645-647.	1.1	9
128	Thrombophilia in Cardiac Surgery-Patients with Symptomatic Factor V Leiden. Journal of Cardiac Surgery, 2009, 24, 379-382.	0.7	16
129	Society of Thoracic Surgeons Score Is Superior to the EuroSCORE Determining Mortality in High Risk Patients Undergoing Isolated Aortic Valve Replacement. Annals of Thoracic Surgery, 2009, 88, 468-475.	1.3	206
130	Transcatheter Aortic Valve Implantation in Patients With Very High Risk for Conventional Aortic Valve Replacement. Annals of Thoracic Surgery, 2009, 88, 1468-1474.	1.3	61
131	Avoidance of Proximal Endoleak Using a Hybrid Stent Graft in Arch Replacement and Descending Aorta Stenting. Annals of Thoracic Surgery, 2009, 88, 773-779.	1.3	28
132	Contrast-enhanced cardiac MRI before coronary artery bypass surgery: impact of myocardial scar extent on bypass flow. European Radiology, 2008, 18, 2756-2764.	4.5	3
133	Cognitive Outcomes Three Years After Coronary Artery Bypass Surgery: Relation to Diffusion-Weighted Magnetic Resonance Imaging. Annals of Thoracic Surgery, 2008, 85, 872-879.	1.3	108
134	Combining Classic Surgery With Descending Stent Grafting for Acute DeBakey Type I Dissection. Annals of Thoracic Surgery, 2008, 86, 95-101.	1.3	106
135	Coronary artery bypass surgery and acute kidney injury--impact of the off-pump technique. Nephrology Dialysis Transplantation, 2008, 23, 2853-2860.	0.7	57
136	First clinical experience and 1-year follow-up with the sutureless 3F-Enable aortic valve prosthesisâ˜†â˜†â˜†. European Journal of Cardio-thoracic Surgery, 2008, 33, 542-547.	1.4	50
137	Predictors and Outcomes of Coronary Artery Bypass Grafting in ST Elevation Myocardial Infarction. Annals of Thoracic Surgery, 2007, 84, 17-24.	1.3	59
138	Rapid and safe direct cannulation of the true lumen of the ascending aorta in acute type A aortic dissection. Journal of Thoracic and Cardiovascular Surgery, 2007, 134, 244-245.	0.8	63
139	Prognostic impact of previous percutaneous coronary intervention in patients with diabetes mellitus and triple-vessel disease undergoing coronary artery bypass surgery. Journal of Thoracic and Cardiovascular Surgery, 2007, 134, 470-476.	0.8	54
140	Lipid-lowering effect of preoperative statin therapy on postoperative major adverse cardiac events after coronary artery bypass surgery. Journal of Thoracic and Cardiovascular Surgery, 2007, 134, 1143-1149.	0.8	62
141	Magnetic resonance imaging in coronary artery bypass surgery--improvement of global and segmental function in patients with severely compromized left ventricular function. Vascular Health and Risk Management, 2007, 3, 763-8.	2.3	1
142	Aortocoronary Shunting During Off-Pump Coronary Artery Bypass Surgery as Acute Reperfusion Strategy in ST-Elevation Myocardial Infarction. Annals of Thoracic Surgery, 2006, 82, 1521-1523.	1.3	2
143	Thrombophilia in Cardiac Surgeryâ€"Patients With Protein S Deficiency. Annals of Thoracic Surgery, 2006, 82, 2187-2191.	1.3	5
144	Prognostic Significance of Multiple Previous Percutaneous Coronary Interventions in Patients Undergoing Elective Coronary Artery Bypass Surgery. Circulation, 2006, 114, I441-7.	1.6	77

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145	Administration of C1-esterase inhibitor during emergency coronary artery bypass surgery in acute ST-elevation myocardial infarctionâ˜†. European Journal of Cardio-thoracic Surgery, 2006, 30, 285-293.	1.4	48
146	Emergency re-revascularization with percutaneous coronary intervention, reoperation, or conservative treatment in patients with acute perioperative graft failure following coronary artery bypass surgeryâ˜†. European Journal of Cardio-thoracic Surgery, 2006, 30, 117-125.	1.4	82
147	Prognostic Value of Preoperative Cardiac Troponin I in Patients Undergoing Emergency Coronary Artery Bypass Surgery With Non-ST-Elevation or ST-Elevation Acute Coronary Syndromes. Circulation, 2006, 114, I-448-I-453.	1.6	59
148	Small ischemic brain lesions after cardiac valve replacement detected by diffusion-weighted magnetic resonance imaging: relation to neurocognitive functionâ˜†. European Journal of Cardio-thoracic Surgery, 2005, 28, 88-96.	1.4	120
149	Antiphospholipid syndrome in cardiac surgeryâ€"an underestimated coagulation disorder?â˜†. European Journal of Cardio-thoracic Surgery, 2005, 28, 133-137.	1.4	34
150	Risk stratification with cardiac troponin I in patients undergoing elective coronary artery bypass surgeryâ˜†. European Journal of Cardio-thoracic Surgery, 2005, 27, 861-869.	1.4	22
151	Diagnostic discrimination between graft-related and non-graft-related perioperative myocardial infarction with cardiac troponin I after coronary artery bypass surgery. European Heart Journal, 2005, 26, 2440-2447.	2.2	78
152	RESCUE PERCUTANEOUS CORONARY INTERVENTION, REOPERATION, OR CONSERVATIVE TREATMENT IN ACUTE PERIOPERATIVE GRAFT FAILURE AFTER CORONARY ARTERY BYPASS SURGERY. Chest, 2005, 128, 3526-36.	0.8	19
153	RISK STRATIFICATION AND CLINICAL OUTCOME IN PATIENTS WITH ACUTE ST-ELEVATION MYOCARDIAL INFARCTION UNDERGOING CORONARY ARTERY BYPASS SURGERY. Chest, 2005, 128, 268S.	0.8	0
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