

# Nikolaos Bonaros

## List of Publications by Citations

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196  
papers

9,096  
citations

34  
h-index

93  
g-index

233  
ext. papers

11,414  
ext. citations

3.1  
avg, IF

5.05  
L-index

#	Paper	IF	Citations
196	2014 ESC/EACTS 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) Developed with the special contribution of the European Association of Percutaneous Cardiovascular Interventions (EAPCI). <i>European Heart Journal</i> , 2014	9.5	3467
195	2019 ESC Guidelines for the diagnosis and management of chronic coronary syndromes. <i>European Heart Journal</i> , 2020, 41, 407-477	9.5	1835
194	2014 ESC/EACTS 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). Developed with the special contribution of the European Association of Percutaneous Cardiovascular Interventions (EAPCI). <i>European Journal of</i>	3	588
193	Increased levels of soluble ST2 protein and IgG1 production in patients with sepsis and trauma. <i>Intensive Care Medicine</i> , 2004, 30, 1468-73	14.5	129
192	Myocardial homing and neovascularization by human bone marrow angioblasts is regulated by IL-8/Gro CXC chemokines. <i>Journal of Molecular and Cellular Cardiology</i> , 2006, 40, 455-64	5.8	122
191	Five hundred cases of robotic totally endoscopic coronary artery bypass grafting: predictors of success and safety. <i>Annals of Thoracic Surgery</i> , 2013, 95, 803-12	2.7	106
190	Robotic totally endoscopic coronary artery bypass: program development and learning curve issues. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2004, 127, 504-10	1.5	100
189	CMV-hyperimmune globulin for preventing cytomegalovirus infection and disease in solid organ transplant recipients: a meta-analysis. <i>Clinical Transplantation</i> , 2008, 22, 89-97	3.8	95
188	Technical challenges in totally endoscopic robotic coronary artery bypass grafting. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2006, 131, 146-53	1.5	86
187	Robotically assisted totally endoscopic atrial septal defect repair: insights from operative times, learning curves, and clinical outcome. <i>Annals of Thoracic Surgery</i> , 2006, 82, 687-93	2.7	81
186	Quality of life improvement after robotically assisted coronary artery bypass grafting. <i>Cardiology</i> , 2009, 114, 59-66	1.6	80
185	Robotically assisted totally endoscopic coronary bypass surgery. <i>Circulation</i> , 2011, 124, 236-44	16.7	73
184	The angiogenic factor secretoneurin induces coronary angiogenesis in a model of myocardial infarction by stimulation of vascular endothelial growth factor signaling in endothelial cells. <i>Circulation</i> , 2012, 126, 2491-501	16.7	71
183	The high-risk criteria low-attenuation plaque. <i>European Heart Journal Cardiovascular Imaging</i> , 2017, 18, 772-779	4.1	66
182	Simultaneous hybrid coronary revascularization using totally endoscopic left internal mammary artery bypass grafting and placement of rapamycin eluting stents in the same interventional session. The COMBINATION pilot study. <i>Cardiology</i> , 2008, 110, 92-5	1.6	62
181	Hybrid coronary revascularization using robotic totally endoscopic surgery: perioperative outcomes and 5-year results. <i>Annals of Thoracic Surgery</i> , 2012, 94, 1920-6; discussion 1926	2.7	59
180	Effectiveness and safety of total endoscopic left internal mammary artery bypass graft to the left anterior descending artery. <i>American Journal of Cardiology</i> , 2009, 104, 1684-8	3	54

179	Robotic endoscopic left internal mammary artery harvesting: what have we learned after 100 cases?. <i>Annals of Thoracic Surgery</i> , <b>2007</b> , 83, 1030-4	2.7	52
178	Intracardiac echocardiography: a new guiding tool for transcatheter aortic valve replacement. <i>Journal of the American Society of Echocardiography</i> , <b>2011</b> , 24, 966-75	5.8	51
177	Mid-Term Valve-Related Outcomes After Transcatheter Tricuspid Valve-in-Valve or Valve-in-Ring Replacement. <i>Journal of the American College of Cardiology</i> , <b>2019</b> , 73, 148-157	15.1	49
176	Prediction of paravalvular regurgitation after transcatheter aortic valve implantation by computed tomography: value of aortic valve and annular calcification. <i>Annals of Thoracic Surgery</i> , <b>2013</b> , 96, 1574-80	2.7	44
175	Robotic totally endoscopic multivessel coronary artery bypass grafting: procedure development, challenges, results. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , <b>2012</b> , 7, 3-8	1.5	41
174	Near infrared spectroscopy for controlling the quality of distal leg perfusion in remote access cardiopulmonary bypass. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2008</b> , 34, 1253-4	3	40
173	Incidence, predictors and clinical outcomes of residual stenosis after aortic valve-in-valve. <i>Heart</i> , <b>2018</b> , 104, 828-834	5.1	39
172	Surgical problems and complex procedures: issues for operative time in robotic totally endoscopic coronary artery bypass grafting. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2012</b> , 143, 639-647.e2	1.5	39
171	Training surgeons to perform robotically assisted totally endoscopic coronary surgery. <i>Annals of Thoracic Surgery</i> , <b>2009</b> , 88, 523-7	2.7	39
170	Combined transplantation of skeletal myoblasts and bone marrow stem cells for myocardial repair in rats. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2004</b> , 25, 627-34	3	39
169	ECMO for COVID-19 patients in Europe and Israel. <i>Intensive Care Medicine</i> , <b>2021</b> , 47, 344-348	14.5	37
168	Predictors, causes, and consequences of conversions in robotically enhanced totally endoscopic coronary artery bypass graft surgery. <i>Annals of Thoracic Surgery</i> , <b>2011</b> , 91, 647-53	2.7	36
167	Ex-vivo expanded umbilical cord blood stem cells retain capacity for myocardial regeneration. <i>Circulation Journal</i> , <b>2010</b> , 74, 188-94	2.9	36
166	Combined transplantation of skeletal myoblasts and angiopoietic progenitor cells reduces infarct size and apoptosis and improves cardiac function in chronic ischemic heart failure. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2006</b> , 132, 1321-8	1.5	36
165	Increased mortality and perioperative complications in patients with previous elective percutaneous coronary interventions undergoing coronary artery bypass surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2009</b> , 137, 846-52	1.5	35
164	Hybrid coronary revascularization: which patients? When? How?. <i>Current Opinion in Cardiology</i> , <b>2010</b> , 25, 568-74	2.1	35
163	Evaluation of robotic coronary surgery with intraoperative graft angiography and postoperative multislice computed tomography. <i>Annals of Thoracic Surgery</i> , <b>2007</b> , 83, 1361-7	2.7	35
162	miR-19a-3p containing exosomes improve function of ischaemic myocardium upon shock wave therapy. <i>Cardiovascular Research</i> , <b>2020</b> , 116, 1226-1236	9.9	34

161	Comparison of combined prophylaxis of cytomegalovirus hyperimmune globulin plus ganciclovir versus cytomegalovirus hyperimmune globulin alone in high-risk heart transplant recipients. <i>Transplantation</i> , <b>2004</b> , 77, 890-7	1.8	33
160	Long-term results of CMV hyperimmune globulin prophylaxis in 377 heart transplant recipients. <i>Journal of Heart and Lung Transplantation</i> , <b>2003</b> , 22, 250-7	5.8	30
159	Transcatheter Aortic Valve Replacement Using Transaortic Access: Experience From the Multicenter, Multinational, Prospective ROUTE Registry. <i>JACC: Cardiovascular Interventions</i> , <b>2016</b> , 9, 1815-22	5.22	29
158	Intramyocardial microdepot injection increases the efficacy of skeletal myoblast transplantation. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2005</b> , 27, 1017-21	3	28
157	How to improve performance of robotic totally endoscopic coronary artery bypass grafting. <i>American Journal of Surgery</i> , <b>2008</b> , 195, 711-6	2.7	27
156	Transcatheter Mitral Valve Replacement After Surgical Repair or Replacement: Comprehensive Midterm Evaluation of Valve-in-Valve and Valve-in-Ring Implantation From the VIVID Registry. <i>Circulation</i> , <b>2021</b> , 143, 104-116	16.7	27
155	Factors influencing hospital length of stay after robotic totally endoscopic coronary artery bypass grafting. <i>Annals of Thoracic Surgery</i> , <b>2013</b> , 95, 813-8	2.7	26
154	Stem cells and cardiac regeneration. <i>Transplant International</i> , <b>2007</b> , 20, 731-46	3	25
153	Extensive coagulation monitoring in patients after implantation of the MicroMed DeBakey continuous flow axial pump. <i>ASAIO Journal</i> , <b>2004</b> , 50, 424-31	3.6	25
152	Robotic totally endoscopic double-vessel bypass grafting: a further step toward closed-chest surgical treatment of multivessel coronary artery disease. <i>Heart Surgery Forum</i> , <b>2007</b> , 10, E239-42	0.7	25
151	Remote access perfusion for minimally invasive cardiac surgery: to clamp or to inflate?. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2013</b> , 44, 898-904	3	24
150	Assessment of health-related quality of life after coronary revascularization. <i>Heart Surgery Forum</i> , <b>2005</b> , 8, E380-5	0.7	24
149	Robotic total endoscopic double-vessel coronary artery bypass grafting--state of procedure development. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2012</b> , 144, 1061-6	1.5	23
148	Coil embolization of internal mammary artery injured during central vein catheter and cardiac pacemaker lead insertion. <i>European Journal of Radiology</i> , <b>2009</b> , 71, 269-74	4.7	23
147	Robotic totally endoscopic coronary artery bypass and catheter based coronary intervention in one operative session. <i>Annals of Thoracic Surgery</i> , <b>2005</b> , 79, 2138-41	2.7	22
146	Ten-year follow-up of a prospective, randomized trial of BT563/bb10 versus anti-thymocyte globulin as induction therapy after heart transplantation. <i>Journal of Heart and Lung Transplantation</i> , <b>2006</b> , 25, 1154-63	5.8	22
145	Enhanced cell therapy for ischemic heart disease. <i>Transplantation</i> , <b>2008</b> , 86, 1151-60	1.8	21
144	Sparing the aortic root in acute aortic dissection type A: risk reduction and restored integrity of the untouched root. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2016</b> , 50, 232-9	3	20

143	CCR3- and CXCR4-mediated interactions regulate migration of CD34+ human bone marrow progenitors to ischemic myocardium and subsequent tissue repair. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2008</b> , 136, 1044-53	1.5	20
142	Treatment of double vessel coronary artery disease by totally endoscopic bypass surgery and drug-eluting stent placement in one simultaneous hybrid session. <i>Heart Surgery Forum</i> , <b>2005</b> , 8, E284-6	0.7	20
141	Factors influencing blood transfusion requirements in robotic totally endoscopic coronary artery bypass grafting on the arrested heart. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2011</b> , 39, 262-7	3	19
140	Predictors and consequences of postoperative atrial fibrillation following robotic totally endoscopic coronary bypass surgery. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2014</b> , 45, 318-22	3	18
139	Intracardiac echo and reduced radiocontrast requirements during TAVR. <i>JACC: Cardiovascular Imaging</i> , <b>2014</b> , 7, 319-20	8.4	18
138	Advanced hybrid closed chest revascularization: an innovative strategy for the treatment of multivessel coronary artery disease. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2014</b> , 46, e94-102; discussion e102	3	18
137	The amounts of alpha 1 antitrypsin protein are reduced in the vascular wall of the acutely dissected human ascending aorta. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2010</b> , 37, 684-90	3	18
136	Does obesity affect operative times and perioperative outcome of patients undergoing totally endoscopic coronary artery bypass surgery?. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2009</b> , 9, 214-7	1.8	18
135	How to handle remote access perfusion for endoscopic cardiac surgery. <i>Heart Surgery Forum</i> , <b>2005</b> , 8, E232-5	0.7	18
134	Ongoing procedure development in robotically assisted totally endoscopic coronary artery bypass grafting (TECAB). <i>Heart Surgery Forum</i> , <b>2005</b> , 8, E287-91	0.7	18
133	Is MRI equivalent to CT in the guidance of TAVR? A pilot study. <i>European Radiology</i> , <b>2018</b> , 28, 4625-4634	8	16
132	Benefits of high-pitch 128-slice dual-source computed tomography for planning of transcatheter aortic valve implantation. <i>Annals of Thoracic Surgery</i> , <b>2012</b> , 94, 1961-6	2.7	16
131	Perivascular administration of drugs and genes as a means of reducing vein graft failure. <i>Current Opinion in Pharmacology</i> , <b>2012</b> , 12, 203-16	5.1	16
130	Device failure weeks to months after transcatheter closure of secundum type atrial septal defects. <i>Heart</i> , <b>2010</b> , 96, 1603	5.1	16
129	Neoangiogenesis after combined transplantation of skeletal myoblasts and angiopoietic progenitors leads to increased cell engraftment and lower apoptosis rates in ischemic heart failure. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2008</b> , 7, 249-55	1.8	15
128	Long-term clinical outcome and graft patency of radial artery and saphenous vein grafts in multiple arterial revascularization. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2019</b> , 158, 442-450	1.5	15
127	Influence of preoperative serum N-terminal pro-brain type natriuretic peptide on the postoperative outcome and survival rates of coronary artery bypass patients. <i>Clinics</i> , <b>2010</b> , 65, 1239-45	2.3	14
126	Myocardial enzyme release in totally endoscopic coronary artery bypass grafting on the arrested heart. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2007</b> , 134, 1006-11	1.5	14

125	A new exposure technique for the circumflex coronary artery system in robotic totally endoscopic coronary artery bypass grafting. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2006</b> , 5, 279-81	1.8	14
124	The ESTECH remote access perfusion cannula in minimally invasive cardiac surgery. <i>Heart Surgery Forum</i> , <b>2004</b> , 7, E632-5	0.7	14
123	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
122	The flaws in the detail of an observational study on transcatheter aortic valve implantation versus surgical aortic valve replacement in intermediate-risks patients. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2017</b> , 51, 1031-1035	3	13
121	Prognostic implications of psoas muscle area in patients undergoing transcatheter aortic valve implantation. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2019</b> , 55, 210-216	3	12
120	Robotically assisted hybrid coronary revascularization: does sequence of intervention matter?. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , <b>2013</b> , 8, 177-83	1.5	12
119	Hybrid coronary revascularization [techniques and outcome. <i>European Surgery - Acta Chirurgica Austriaca</i> , <b>2011</b> , 43, 198-204	0.9	12
118	Atrioesophageal fistula after percutaneous transcatheter ablation of atrial fibrillation. <i>Circulation</i> , <b>2012</b> , 125, 966	16.7	12
117	Paclitaxel treatment reduces neointimal hyperplasia in cultured human saphenous veins. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2007</b> , 32, 906-11	3	12
116	Hybrid coronary artery revascularization: logistics and program development. <i>Heart Surgery Forum</i> , <b>2005</b> , 8, E258-61	0.7	12
115	Comparative Analysis of Perioperative and Mid-Term Results of TECAB and MIDCAB for Revascularization of Anterior Wall. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , <b>2017</b> , 12, 207-213	1.5	11
114	Transaortic transcatheter aortic valve implantation as a first-line choice or as a last resort? An analysis based on the ROUTE registry. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2017</b> , 51, 919-926	3	11
113	Bovine aortic arch: predictor of entry site and risk factor for neurologic injury in acute type a dissection. <i>Annals of Thoracic Surgery</i> , <b>2014</b> , 98, 1339-46	2.7	11
112	Transaortic transcatheter aortic valve implantation - rationale and design of the multicenter, multinational prospective ROUTE registry. <i>BMC Cardiovascular Disorders</i> , <b>2014</b> , 14, 152	2.3	11
111	Do manual assisting maneuvers increase speed and technical performance in robotically sutured coronary bypass graft anastomoses?. <i>Surgical Endoscopy and Other Interventional Techniques</i> , <b>2007</b> , 21, 1715-8	5.2	11
110	Distal leg protection for peripheral cannulation in minimally invasive and totally endoscopic cardiac surgery. <i>Heart Surgery Forum</i> , <b>2009</b> , 12, E158-62	0.7	11
109	Robotic Versus Conventional Coronary Artery Bypass Grafting: Direct Comparison of Long-Term Clinical Outcome. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , <b>2017</b> , 12, 239-246	1.5	10
108	Major risk stratification models do not predict perioperative outcome after coronary artery bypass grafting in patients with previous percutaneous intervention. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2011</b> , 39, e164-9	3	10

107	Experience on the way to totally endoscopic atrial septal defect repair. <i>Heart Surgery Forum</i> , <b>2004</b> , 7, E440-5	0.7	10
106	Balloon-expandable transaortic transcatheter aortic valve implantation with or without predilation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2018</b> , 155, 915-923	1.5	9
105	Relative amplitude index: a new tool for hemodynamic evaluation of periprosthetic regurgitation after transcatheter valve implantation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2014</b> , 147, 1021-8, 1029.e1-2	1.5	9
104	Robotic totally endoscopic coronary artery bypass grafting in men and women: are there sex differences in outcome?. <i>Annals of Thoracic Surgery</i> , <b>2013</b> , 96, 1643-7	2.7	9
103	Cardiac CTA for Evaluation of Prosthetic Valve Dysfunction. <i>JACC: Cardiovascular Imaging</i> , <b>2017</b> , 10, 91-98.4		9
102	5-Methoxyeoligin, a lignan from Edelweiss, stimulates CYP26B1-dependent angiogenesis in vitro and induces arteriogenesis in infarcted rat hearts in vivo. <i>PLoS ONE</i> , <b>2013</b> , 8, e58342	3.7	9
101	Intracardiac Doppler Echocardiography for Monitoring of Pulmonary Artery Pressures in High-Risk Patients Undergoing Transcatheter Aortic Valve Replacement. <i>Journal of the American Society of Echocardiography</i> , <b>2016</b> , 29, 83-91	5.8	8
100	Completely endoscopic removal of a dislocated Amplatzer atrial septal defect closure device. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2008</b> , 7, 130-2	1.8	8
99	Risk factors of postoperative nephropathy in patients undergoing innovative CABG and intraoperative graft angiography. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2006</b> , 30, 431-5	3	8
98	Effect of ABO blood type matching in cardiac transplant recipients. <i>Transplantation Proceedings</i> , <b>2001</b> , 33, 2752-4	1.1	8
97	Outcomes after transaortic transcatheter aortic valve implantation: long-term findings from the European ROUTE <i>European Journal of Cardio-thoracic Surgery</i> , <b>2019</b> , 55, 737-743	3	8
96	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
95	Downregulation of the CXC chemokine receptor 4/stromal cell-derived factor 1 pathway enhances myocardial neovascularization, cardiomyocyte survival, and functional recovery after myocardial infarction. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2011</b> , 142, 687-96, 696.e1-2	1.5	7
94	Aortic bioprosthetic valve deterioration 8 months after implantation. <i>Annals of Thoracic Surgery</i> , <b>2010</b> , 89, 277-9	2.7	7
93	Does preoperative multislice computed tomography predict operative times in total endoscopic coronary artery bypass grafting?. <i>Heart Surgery Forum</i> , <b>2005</b> , 8, E314-8	0.7	7
92	Transaortic transcatheter aortic valve implantation using SAPIEN XT or SAPIEN 3 valves in the ROUTE registry. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2017</b> , 25, 757-764	1.8	6
91	Trial protocol for the validation of the Toronto Aortic Stenosis Quality of Life (TASQ) Questionnaire in patients undergoing surgical aortic valve replacement (SAVR) or transfemoral (TF) transcatheter aortic valve implantation (TAVI): the TASQ registry. <i>Open Heart</i> , <b>2019</b> , 6, e001008	3	6
90	Relationship of exercise to coronary artery disease extent, severity and plaque type: A coronary computed tomography angiography study. <i>Journal of Cardiovascular Computed Tomography</i> , <b>2019</b> , 13, 34-40	2.8	6

89	Aortic dissection type A in alpine skiers. <i>BioMed Research International</i> , <b>2013</b> , 2013, 192459	3	6
88	Shock waves promote spinal cord repair via TLR3. <i>JCI Insight</i> , <b>2020</b> , 5,	9.9	6
87	EuroSCORE II and the STS score are more accurate in transapical than in transfemoral transcatheter aortic valve implantation. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2018</b> , 26, 413-419	1.8	6
86	Surgical Treatment of Post-Infarction Left Ventricular Free-Wall Rupture: A Multicenter Study. <i>Annals of Thoracic Surgery</i> , <b>2021</b> , 112, 1186-1192	2.7	6
85	Current Generation Balloon-Expandable Transcatheter Valve Positioning Strategies During Aortic Valve-in-Valve Procedures and Clinical Outcomes. <i>JACC: Cardiovascular Interventions</i> , <b>2019</b> , 12, 1606-1617	5	5
84	Long-Term Clinical and Computed Tomography Angiographic Follow-up After Totally Endoscopic Coronary Artery Bypass Grafting. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , <b>2018</b> , 13, 5-10	1.5	5
83	Prognostic Implications of Pre-Procedural High-Sensitivity Cardiac Troponin T in Patients Undergoing Transcatheter Aortic Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , <b>2017</b> , 10, 2345-2346	5	5
82	Closed chest hybrid coronary revascularization for multivessel disease - current concepts and techniques from a two-center experience. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2011</b> , 40, 783-7	3	5
81	Psychomotor car-driving abilities after robotically assisted totally endoscopic coronary artery bypass grafting. <i>Thoracic and Cardiovascular Surgeon</i> , <b>2012</b> , 60, 462-7	1.6	5
80	Primary ovarian carcinoid heart disease curatively treated with a two-stage procedure. <i>Thoracic and Cardiovascular Surgeon</i> , <b>2007</b> , 55, 467-9	1.6	5
79	Evaluation of ascending aortic atherosclerosis with 16-multidetector computed tomography is useful before total endoscopic coronary bypass surgery. <i>Heart Surgery Forum</i> , <b>2006</b> , 9, E754-8	0.7	5
78	Evaluation of left ventricular function by 64-multidetector computed tomography in patients undergoing totally endoscopic coronary artery bypass grafting. <i>Heart Surgery Forum</i> , <b>2008</b> , 11, E218-24	0.7	5
77	Single-lung ventilation time does not increase lung injury after totally endoscopic coronary artery bypass surgery. <i>Heart Surgery Forum</i> , <b>2010</b> , 13, E383-90	0.7	5
76	Infective endocarditis and neurologic events: indications and timing for surgical interventions. <i>European Heart Journal Supplements</i> , <b>2020</b> , 22, M19-M25	1.5	5
75	External stenting and disease progression in saphenous vein grafts two years after coronary artery bypass grafting: A multicenter randomized trial. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2021</b> ,	1.5	5
74	Is the axillary artery a suitable cannulation site in aortic surgery?. <i>Journal of Cardiovascular Surgery</i> , <b>2004</b> , 45, 15-9	0.7	5
73	Immediate Surgery in Acute Type A Dissection and Neurologic Dysfunction: Fighting the Inevitable?. <i>Annals of Thoracic Surgery</i> , <b>2020</b> , 110, 5-12	2.7	4
72	Balloon-expandable transcatheter aortic valve implantation with or without pre-dilation - results of a meta-analysis of 3 multicenter registries. <i>BMC Cardiovascular Disorders</i> , <b>2019</b> , 19, 172	2.3	4



71	Topical use of autologous fibrin glue in high-risk CABG patients. <i>European Surgery - Acta Chirurgica Austriaca</i> , <b>2011</b> , 43, 309-314	0.9	4
70	Robotic Totally Endoscopic Multivessel Coronary Artery Bypass Grafting Procedure Development, Challenges, Results. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , <b>2012</b> , 7, 3-8	1.5	4
69	Training models for coronary surgery. <i>Heart Surgery Forum</i> , <b>2007</b> , 10, E248-50	0.7	4
68	Multislice computed tomography for preoperative and postoperative assessment in totally endoscopic coronary artery bypass grafting. <i>Heart Surgery Forum</i> , <b>2007</b> , 10, E243-7	0.7	4
67	Surgical Treatment of Postinfarction Ventricular Septal Rupture. <i>JAMA Network Open</i> , <b>2021</b> , 4, e2128309	0.4	4
66	Robotic totally endoscopic coronary artery bypass grafting (TECAB)-placement of bilateral internal mammary arteries to the left ventricle. <i>Annals of Cardiothoracic Surgery</i> , <b>2016</b> , 5, 589-592	4.7	4
65	Postimplant biological aortic prosthesis degeneration: challenges in transcatheter valve implants. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2019</b> , 55, 191-200	3	4
64	Cell therapy for ischemic heart disease. <i>Panminerva Medica</i> , <b>2004</b> , 46, 13-23	2	4
63	Rationale and design of a prospective, randomized, controlled, multicenter study to evaluate the safety and efficacy of transcatheter heart valve replacement in female patients with severe symptomatic aortic stenosis requiring aortic valve intervention (Randomized research in women all comers with Aortic stenosis [RHEIA] trial). <i>American Heart Journal</i> , <b>2020</b> , 228, 27-35	4.9	3
62	Comparative Analysis of Perioperative and Mid-Term Results of TECAB and MIDCAB for Revascularization of Anterior Wall. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , <b>2017</b> , 12, 207-213	1.5	3
61	Robotic totally endoscopic surgery for congenital cardiac anomalies. <i>European Surgery - Acta Chirurgica Austriaca</i> , <b>2011</b> , 43, 212-217	0.9	3
60	Mitral Valve Surgery via Partial Upper Sternotomy: Closing the Gap between Conventional Sternotomy and Right Lateral Minithoracotomy. <i>Thoracic and Cardiovascular Surgeon</i> , <b>2019</b> , 67, 524-530	1.6	3
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