

Francesco Onorati

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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

3,278
citations

30
h-index

44
g-index

218
ext. papers

3,918
ext. citations

2.8
avg, IF

4.72
L-index

#	Paper	IF	Citations
203	1-Year Outcomes After Transfemoral Transcatheter or Surgical Aortic Valve Replacement: Results From the Italian OBSERVANT Study. <i>Journal of the American College of Cardiology</i> , 2015 , 66, 804-812	15.1	130
202	A simple risk tool (the OBSERVANT score) for prediction of 30-day mortality after transcatheter aortic valve replacement. <i>American Journal of Cardiology</i> , 2014 , 113, 1851-8	3	103
201	Transcatheter aortic valve implantation versus surgical aortic valve replacement for severe aortic stenosis: results from an intermediate risk propensity-matched population of the Italian OBSERVANT study. <i>International Journal of Cardiology</i> , 2013 , 167, 1945-52	3.2	88
200	Immediate and Intermediate Outcome After Transapical Versus Transfemoral Transcatheter Aortic Valve Replacement. <i>American Journal of Cardiology</i> , 2016 , 117, 245-51	3	85
199	Transcatheter Aortic Valve Implantation Compared With Surgical Aortic Valve Replacement in Low-Risk Patients. <i>Circulation: Cardiovascular Interventions</i> , 2016 , 9, e003326	6	80
198	Determinants and prognosis of myocardial damage after coronary artery bypass grafting. <i>Annals of Thoracic Surgery</i> , 2005 , 79, 837-45	2.7	77
197	European Multicenter Study on Coronary Artery Bypass Grafting (E-CABG registry): Study Protocol for a Prospective Clinical Registry and Proposal of Classification of Postoperative Complications. <i>Journal of Cardiothoracic Surgery</i> , 2015 , 10, 90	1.6	73
196	Different impact of sex on baseline characteristics and major periprocedural outcomes of transcatheter and surgical aortic valve interventions: Results of the multicenter Italian OBSERVANT Registry. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 147, 1529-39	1.5	69
195	Impact of clonidine administration on delirium and related respiratory weaning after surgical correction of acute type-A aortic dissection: results of a pilot study. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2010 , 10, 58-62	1.8	57
194	2019 EACTS/EACTA/EBCP guidelines on cardiopulmonary bypass in adult cardiac surgery. <i>British Journal of Anaesthesia</i> , 2019 , 123, 713-757	5.4	52
193	Rationale and design of POPular-TAVI: antiPlatelet therapy fOr Patients undergoing Transcatheter Aortic Valve Implantation. <i>American Heart Journal</i> , 2016 , 173, 77-85	4.9	52
192	Off-pump coronary artery bypass surgery versus standard linear or pulsatile cardiopulmonary bypass: endothelial activation and inflammatory response. <i>European Journal of Cardio-thoracic Surgery</i> , 2010 , 37, 897-904	3	51
191	Preoperative statin therapy is not associated with a decrease in the incidence of delirium after cardiac operations. <i>Annals of Thoracic Surgery</i> , 2012 , 93, 1439-47	2.7	50
190	Wrist sensor reveals sympathetic hyperactivity and hypoventilation before probable SUDEP. <i>Neurology</i> , 2017 , 89, 633-635	6.5	50
189	Hyperkalemic cardioplegia for adult and pediatric surgery: end of an era?. <i>Frontiers in Physiology</i> , 2013 , 4, 228	4.6	44
188	A randomized trial of pulsatile perfusion using an intra-aortic balloon pump versus nonpulsatile perfusion on short-term changes in kidney function during cardiopulmonary bypass during myocardial reperfusion. <i>American Journal of Kidney Diseases</i> , 2007 , 50, 229-38	7.4	44
187	Safety of Preoperative Use of Ticagrelor With or Without Aspirin Compared With Aspirin Alone in Patients With Acute Coronary Syndromes Undergoing Coronary Artery Bypass Grafting. <i>JAMA Cardiology</i> , 2016 , 1, 921-928	16.2	42

186	Outcome After General Anesthesia Versus Monitored Anesthesia Care in Transfemoral Transcatheter Aortic Valve Replacement. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2016 , 30, 1238-43	2.1	41
185	Routine ganglionic plexi ablation during Maze procedure improves hospital and early follow-up results of mitral surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2008 , 136, 408-18	1.5	41
184	"Polarizing" microplegia improves cardiac cycle efficiency after CABG for unstable angina. <i>International Journal of Cardiology</i> , 2013 , 167, 2739-46	3.2	37
183	Midterm clinical and echocardiographic results and predictors of mitral regurgitation recurrence following restrictive annuloplasty for ischemic cardiomyopathy. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2009 , 138, 654-62	1.5	36
182	Transbrachial insertion of a 7.5-Fr intra-aortic balloon pump in a severely atherosclerotic patient. <i>Critical Care Medicine</i> , 2006 , 34, 2231-3	1.4	36
181	COVID-19 in Heart Transplant Recipients: A Multicenter Analysis of the Northern Italian Outbreak. <i>JACC: Heart Failure</i> , 2021 , 9, 52-61	7.9	36
180	Clinical frailty scale and outcome after coronary artery bypass grafting. <i>European Journal of Cardio-thoracic Surgery</i> , 2018 , 54, 1102-1109	3	35
179	Early and Midterm Outcome of Propensity-Matched Intermediate-Risk Patients Aged 80 Years With Aortic Stenosis Undergoing Surgical or Transcatheter Aortic Valve Replacement (from the Italian Multicenter OBSERVANT Study). <i>American Journal of Cardiology</i> , 2016 , 117, 1494-501	3	34
178	Preoperative intraaortic balloon pumping improves outcomes for high-risk patients in routine coronary artery bypass graft surgery. <i>Annals of Thoracic Surgery</i> , 2009 , 87, 481-8	2.7	34
177	Mid-term results of aortic valve surgery in redo scenarios in the current practice: results from the multicentre European RECORD (REdo Cardiac Operation Research Database) initiative. <i>European Journal of Cardio-thoracic Surgery</i> , 2015 , 47, 269-80; discussion 280	3	32
176	Prediction of severe bleeding after coronary surgery: the WILL-BLEED Risk Score. <i>Thrombosis and Haemostasis</i> , 2017 , 117, 445-456	7	31
175	Transbrachial intraaortic balloon pumping in severe peripheral atherosclerosis. <i>Annals of Thoracic Surgery</i> , 2007 , 84, 264-6	2.7	31
174	Should we discontinue intraaortic balloon during cardioplegic arrest? Splanchnic function results of a prospective randomized trial. <i>Annals of Thoracic Surgery</i> , 2005 , 80, 2221-8	2.7	31
173	Impact of prophylactic intra-aortic balloon counter-pulsation on postoperative outcome in high-risk cardiac surgery patients: a multicentre, propensity-score analysis. <i>European Journal of Cardio-thoracic Surgery</i> , 2010 , 38, 585-91	3	30
172	Intraaortic balloon pumping during cardioplegic arrest preserves lung function in patients with chronic obstructive pulmonary disease. <i>Annals of Thoracic Surgery</i> , 2006 , 82, 35-43	2.7	30
171	Venoarterial extracorporeal membrane oxygenation after coronary artery bypass grafting: Results of a multicenter study. <i>International Journal of Cardiology</i> , 2017 , 241, 109-114	3.2	29
170	Surgical factors and complications affecting hospital outcome in redo mitral surgery: insights from a multicentre experience. <i>European Journal of Cardio-thoracic Surgery</i> , 2016 , 49, e127-33	3	29
169	First successful management of aortic valve insufficiency associated with HeartMate II left ventricular assist device support by transfemoral CoreValve implantation: the Columbus egg?. <i>JACC: Cardiovascular Interventions</i> , 2012 , 5, 114-5	5	29

168	Impact of lesion sets on mid-term results of surgical ablation procedure for atrial fibrillation. <i>Journal of the American College of Cardiology</i> , 2011 , 57, 931-40	15.1	29
167	Meta-analysis on the performance of the EuroSCORE II and the Society of Thoracic Surgeons Scores in patients undergoing aortic valve replacement. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2014 , 28, 1533-9	2.1	28
166	A predictive model for early mortality after surgical treatment of heart valve or prosthesis infective endocarditis. The EndoSCORE. <i>International Journal of Cardiology</i> , 2017 , 241, 97-102	3.2	27
165	Characterization of affective states by pupillary dynamics and autonomic correlates. <i>Frontiers in Neuroengineering</i> , 2013 , 6, 9		27
164	Does antegrade blood cardioplegia alone provide adequate myocardial protection in patients with left main stem disease?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2003 , 126, 1345-51	1.5	27
163	2019 EACTS/EACTA/EBCP guidelines on cardiopulmonary bypass in adult cardiac surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2020 , 57, 210-251	3	25
162	Transcatheter Aortic Valve Implantation Versus Surgical Aortic Valve Replacement for Severe Aortic Stenosis in Patients With Chronic Kidney Disease Stages 3b to 5. <i>Annals of Thoracic Surgery</i> , 2016 , 102, 540-7	2.7	24
161	Glycated Hemoglobin and Risk of Sternal Wound Infection After Isolated Coronary Surgery. <i>Circulation Journal</i> , 2016 , 81, 36-43	2.9	23
160	Can pulsatile cardiopulmonary bypass prevent perioperative renal dysfunction during myocardial revascularization in elderly patients?. <i>Nephron Clinical Practice</i> , 2009 , 111, c229-35		23
159	Pulsatile perfusion with intra-aortic balloon pumping ameliorates whole body response to cardiopulmonary bypass in the elderly. <i>Critical Care Medicine</i> , 2009 , 37, 902-11	1.4	23
158	Bleeding in Patients Treated With Ticagrelor or Clopidogrel Before Coronary Artery Bypass Grafting. <i>Annals of Thoracic Surgery</i> , 2019 , 107, 1690-1698	2.7	22
157	Effect of severe left ventricular systolic dysfunction on hospital outcome after transcatheter aortic valve implantation or surgical aortic valve replacement: results from a propensity-matched population of the Italian OBSERVANT multicenter study. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 147, 516-25	1.5	22
156	Is it possible to assess the best mitral valve repair in the individual patient? Preliminary results of a finite element study from magnetic resonance imaging data. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 148, 1025-34; discussion 1034	1.5	22
155	Intra-aortic balloon pump induced pulsatile perfusion reduces endothelial activation and inflammatory response following cardiopulmonary bypass. <i>European Journal of Cardio-thoracic Surgery</i> , 2009 , 35, 1012-9; discussion 1019	3	22
154	Outcome in Patients Having Salvage Coronary Artery Bypass Grafting. <i>American Journal of Cardiology</i> , 2015 , 116, 1193-8	3	21
153	Body perfusion during adult cardiopulmonary bypass is improved by pulsatile flow with intra-aortic balloon pump. <i>International Journal of Artificial Organs</i> , 2009 , 32, 50-61	1.9	21
152	Atrial Function as an Independent Predictor of Postoperative Atrial Fibrillation in Patients Undergoing Aortic Valve Surgery for Severe Aortic Stenosis. <i>Journal of the American Society of Echocardiography</i> , 2017 , 30, 956-965.e1	5.8	20
151	Incidence and prognostic impact of bleeding and transfusion after coronary surgery in low-risk patients. <i>Transfusion</i> , 2017 , 57, 178-186	2.9	20

150	Autophagy and Oncosis/Necroptosis Are Enhanced in Cardiomyocytes from Heart Failure Patients. <i>Medical Science Monitor Basic Research</i> , 2019 , 25, 33-44	3.2	20
149	Bleeding, transfusion and the risk of stroke after coronary surgery: A prospective cohort study of 2357 patients. <i>International Journal of Surgery</i> , 2016 , 32, 50-7	7.5	19
148	Functional mitral regurgitation in patients with aortic stenosis: prevalence, clinical correlates and pathophysiological determinants: a quantitative prospective study. <i>European Heart Journal Cardiovascular Imaging</i> , 2014 , 15, 631-6	4.1	18
147	In which patients is transcatheter aortic valve replacement potentially better indicated than surgery for redo aortic valve disease? Long-term results of a 10-year surgical experience. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 148, 500-8.e1	1.5	18
146	Impact of increased transmitral gradients after undersized annuloplasty for chronic ischemic mitral regurgitation. <i>International Journal of Cardiology</i> , 2012 , 158, 71-7	3.2	18
145	Surgical repair of acute type A aortic dissection: continuous pulmonary perfusion during retrograde cerebral perfusion prevents lung injury in a pilot study. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2003 , 126, 826-31	1.5	18
144	Epi-aortic Ultrasound to Prevent Stroke in Coronary Artery Bypass Grafting. <i>Annals of Thoracic Surgery</i> , 2020 , 109, 294-301	2.7	18
143	Outcome of redo surgical aortic valve replacement in patients 80 years and older: results from the Multicenter RECORD Initiative. <i>Annals of Thoracic Surgery</i> , 2014 , 97, 537-43	2.7	17
142	Successful surgical treatment of chronic ischemic mitral regurgitation achieves left ventricular reverse remodeling but does not affect right ventricular function. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2009 , 138, 341-51	1.5	17
141	Intra-aortic balloon pump-induced pulsatile flow reduces coagulative and fibrinolytic response to cardiopulmonary bypass. <i>Artificial Organs</i> , 2008 , 32, 433-41	2.6	17
140	Troponin I and lactate from coronary sinus predict cardiac complications after myocardial revascularization. <i>Annals of Thoracic Surgery</i> , 2007 , 83, 1016-23	2.7	17
139	Perioperative enoximone infusion improves cardiac enzyme release after CABG. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2004 , 18, 409-14	2.1	17
138	Outcome of Jehovah's Witnesses after adult cardiac surgery: systematic review and meta-analysis of comparative studies. <i>Transfusion</i> , 2016 , 56, 2146-53	2.9	17
137	Results of surgical aortic valve replacement and transapical transcatheter aortic valve replacement in patients with previous coronary artery bypass grafting. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2016 , 22, 806-12	1.8	17
136	Pulsatile cardiopulmonary bypass and renal function in elderly patients undergoing aortic valve surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2015 , 47, 291-8; discussion 298	3	16
135	Comparison of 30-day and 5-year outcomes of percutaneous coronary intervention versus coronary artery bypass grafting in patients aged 80 years (the Coronary Artery Disease in Young Adults Study). <i>American Journal of Cardiology</i> , 2014 , 114, 198-205	3	16
134	Leukocyte filtration ameliorates the inflammatory response in patients with mild to moderate lung dysfunction. <i>Annals of Thoracic Surgery</i> , 2011 , 92, 111-21; discussion 121	2.7	16
133	Outcome of open and endovascular repair in acute type B aortic dissection: a retrospective and observational study. <i>Journal of Cardiothoracic Surgery</i> , 2010 , 5, 23	1.6	16

132	Radial artery graft function is not affected by age. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2007 , 134, 1112-20	1.5	16
131	Surgical treatment of coronary-to-pulmonary fistula: how and when?. <i>Heart and Vessels</i> , 2006 , 21, 321-4	2.1	16
130	Single versus sequential saphenous vein grafting of the circumflex system: a flowmetric study. <i>Scandinavian Cardiovascular Journal</i> , 2007 , 41, 265-71	2	16
129	Surgical treatment of isolated tricuspid valve infective endocarditis: 25-year results from a multicenter registry. <i>International Journal of Cardiology</i> , 2019 , 292, 62-67	3.2	15
128	How should I wean my next intra-aortic balloon pump? Differences between progressive volume weaning and rate weaning. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013 , 145, 1214-21	1.5	15
127	Selective pulmonary pulsatile perfusion with oxygenated blood during cardiopulmonary bypass attenuates lung tissue inflammation but does not affect circulating cytokine levels. <i>European Journal of Cardio-thoracic Surgery</i> , 2012 , 42, 942-50	3	15
126	Midterm results of a prospective randomized comparison of two different rabbit-antithymocyte globulin induction therapies after heart transplantation. <i>Transplantation Proceedings</i> , 2004 , 36, 631-7	1.1	15
125	Functional and Biomechanical Effects of the Edge-to-Edge Repair in the Setting of Mitral Regurgitation: Consolidated Knowledge and Novel Tools to Gain Insight into Its Percutaneous Implementation. <i>Cardiovascular Engineering and Technology</i> , 2015 , 6, 117-40	2.2	14
124	Clinical evaluation of new generation oxygenators with integrated arterial line filters for cardiopulmonary bypass. <i>Artificial Organs</i> , 2012 , 36, 875-85	2.6	14
123	Right isthmus ablation reduces supraventricular arrhythmias after surgery for chronic atrial fibrillation. <i>Annals of Thoracic Surgery</i> , 2008 , 85, 39-48	2.7	14
122	Perioperative patency of coronary artery bypass grafting is not influenced by off-pump technique. <i>Annals of Thoracic Surgery</i> , 2005 , 80, 2132-40	2.7	14
121	Validation of Bleeding Classifications in Coronary Artery Bypass Grafting. <i>American Journal of Cardiology</i> , 2017 , 119, 727-733	3	13
120	Comparative Analysis of Prothrombin Complex Concentrate and Fresh Frozen Plasma in Coronary Surgery. <i>Heart Lung and Circulation</i> , 2019 , 28, 1881-1887	1.8	13
119	Biomechanical drawbacks of different techniques of mitral neochordal implantation: When an apparently optimal repair can fail. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015 , 150, 1303-12.e4	1.5	13
118	Pulsatile pulmonary perfusion with oxygenated blood ameliorates pulmonary hemodynamic and respiratory indices in low-risk coronary artery bypass patients. <i>European Journal of Cardio-thoracic Surgery</i> , 2011 , 40, 794-803	3	13
117	Expression profiles in surgically-induced carotid stenosis: a combined transcriptomic and proteomic investigation. <i>Journal of Cellular and Molecular Medicine</i> , 2008 , 12, 1956-73	5.6	13
116	The impact of minor blood transfusion on the outcome after coronary artery bypass grafting. <i>Journal of Critical Care</i> , 2017 , 40, 207-212	4	12
115	In vivo functional flowmetric behavior of the radial artery graft: is the composite Y-graft configuration advantageous over conventional aorta-coronary bypass?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2010 , 140, 292-297.e2	1.5	12

114	Superior Myocardial Protection Using "Polarizing" Adenosine, Lidocaine, and Mg ²⁺ Cardioplegia in Humans. <i>Journal of the American College of Cardiology</i> , 2016 , 67, 1751-3	15.1	12
113	Safety and efficacy of transbrachial intra-aortic balloon pumping with the use of 7-Fr catheters in patients undergoing coronary bypass surgery. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2009 , 9, 135-7	1.8	11
112	Intraoperative bypass graft flow in intra-aortic balloon pump-supported patients: differences in arterial and venous sequential conduits. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2009 , 138, 54-61	1.5	11
111	2019 EACTS/EACTA/EBCP guidelines on cardiopulmonary bypass in adult cardiac surgery. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2020 , 30, 161-202	1.8	11
110	Hospital Outcome and Risk Indices of Mortality after redo-mitral valve surgery in Potential Candidates for Transcatheter Procedures: Results From a European Registry. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2018 , 32, 646-653	2.1	11
109	Prognostic Impact of Asymptomatic Carotid Artery Stenosis in Patients Undergoing Coronary Artery Bypass Grafting. <i>European Journal of Vascular and Endovascular Surgery</i> , 2018 , 56, 741-748	2.3	11
108	Variation in preoperative antithrombotic strategy, severe bleeding, and use of blood products in coronary artery bypass grafting: results from the multicentre E-CABG registry. <i>European Heart Journal Quality of Care & Clinical Outcomes</i> , 2018 , 4, 246-257	4.6	11
107	Transcatheter Aortic Valve Replacement for Severe Aortic Stenosis Patients Undergoing Chronic Dialysis. <i>Journal of the American College of Cardiology</i> , 2015 , 66, 93-4	15.1	10
106	Outcome of emergency coronary artery bypass grafting. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2015 , 29, 275-82	2.1	10
105	Dynamic and quantitative evaluation of degenerative mitral valve disease: a dedicated framework based on cardiac magnetic resonance imaging. <i>Journal of Thoracic Disease</i> , 2017 , 9, S225-S238	2.6	10
104	Prior Percutaneous Coronary Intervention and Mortality in Patients Undergoing Surgical Myocardial Revascularization: Results From the E-CABG (European Multicenter Study on Coronary Artery Bypass Grafting) With a Systematic Review and Meta-Analysis. <i>Circulation: Cardiovascular Interventions</i> , 2018 , 11, e005650	6	10
103	Studies on sporadic non-syndromic thoracic aortic aneurysms: 1. Deregulation of Jagged/Notch 1 homeostasis and selection of synthetic/secretor phenotype smooth muscle cells. <i>European Journal of Preventive Cardiology</i> , 2018 , 25, 42-50	3.9	10
102	Early Outcome of Bilateral Versus Single Internal Mammary Artery Grafting in the Elderly. <i>Annals of Thoracic Surgery</i> , 2018 , 105, 1717-1723	2.7	10
101	Functional mitral regurgitation: a 30-year unresolved surgical journey from valve replacement to complex valve repairs. <i>Heart Failure Reviews</i> , 2014 , 19, 341-58	5	10
100	Results differ between transaortic and open surgical aortic valve replacement in women. <i>Annals of Thoracic Surgery</i> , 2013 , 96, 1336-1342	2.7	10
99	Mid-term echocardiographic results with different rings following restrictive mitral annuloplasty for ischaemic cardiomyopathy. <i>European Journal of Cardio-thoracic Surgery</i> , 2009 , 36, 250-60; discussion 260	3	10
98	The risk of stroke following CABG: one possible strategy to reduce it?. <i>International Journal of Cardiology</i> , 2005 , 98, 261-6	3.2	10
97	Impact of preoperative thrombocytopenia on the outcome after coronary artery bypass grafting. <i>Platelets</i> , 2019 , 30, 480-486	3.6	10

96	Prognostic Impact of Multiple Prior Percutaneous Coronary Interventions in Patients Undergoing Coronary Artery Bypass Grafting. <i>Journal of the American Heart Association</i> , 2018 , 7, e010089	6	10
95	Prognostic Impact of Prolonged Cross-Clamp Time in Coronary Artery Bypass Grafting. <i>Heart Lung and Circulation</i> , 2018 , 27, 1476-1482	1.8	9
94	Targeting urocortin signaling pathways to enhance cardioprotection: is it time to move from bench to bedside?. <i>Cardiovascular Drugs and Therapy</i> , 2013 , 27, 451-63	3.9	8
93	Mass-spring models for the simulation of mitral valve function: Looking for a trade-off between reliability and time-efficiency. <i>Medical Engineering and Physics</i> , 2017 , 47, 93-104	2.4	8
92	First-time, isolated surgical aortic valve replacement after prior coronary artery bypass surgery: results from the RECORD multicenter registry. <i>Journal of Cardiac Surgery</i> , 2014 , 29, 450-4	1.3	8
91	Diabetic hearts have lower basal urocortin levels that fail to increase after cardioplegic arrest: association with increased apoptosis and postsurgical cardiac dysfunction. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 148, 2296-308	1.5	8
90	Intra-aortic balloon pumping recruits graft flow reserve by lowering coronary resistances. <i>International Journal of Cardiology</i> , 2012 , 154, 293-8	3.2	8
89	Radial artery achieves better flowmetric results than saphenous vein in the elderly. <i>Heart and Vessels</i> , 2009 , 24, 108-15	2.1	8
88	Early intra-aortic balloon pumping following perioperative myocardial injury improves hospital and mid-term prognosis. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2009 , 8, 310-5	1.8	8
87	Hospital outcome analysis after different techniques of left internal mammary grafts harvesting. <i>Annals of Thoracic Surgery</i> , 2007 , 84, 1912-9	2.7	8
86	Excess Mortality Associated with Progression Rate in Asymptomatic Aortic Valve Stenosis. <i>Journal of the American Society of Echocardiography</i> , 2021 , 34, 237-244	5.8	8
85	Effects of Aortic Valve Replacement on Left Ventricular Diastolic Function in Patients With Aortic Valve Stenosis. <i>American Journal of Cardiology</i> , 2019 , 124, 409-415	3	7
84	Utility of glycated hemoglobin screening in patients undergoing elective coronary artery surgery: Prospective, cohort study from the E-CABG registry. <i>International Journal of Surgery</i> , 2018 , 53, 354-359	7.5	7
83	Life-threatening isometric-exertion related cardiac perforation 5 years after Amplatzer atrial septal defect closure: should isometric activity be limited in septal occluder holders?. <i>Annals of Thoracic Surgery</i> , 2012 , 93, 671	2.7	7
82	Pulsatile flow decreases gaseous micro-bubble filtering properties of oxygenators without integrated arterial filters during cardiopulmonary bypass. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2013 , 17, 811-7	1.8	7
81	Impact of endothelial activation on infective and inflammatory complications after cardiac surgery in type II diabetes mellitus. <i>International Journal of Artificial Organs</i> , 2011 , 34, 469-80	1.9	7
80	Radial artery graft flowmetry is better than saphenous vein on postero-lateral wall. <i>International Journal of Cardiology</i> , 2010 , 143, 158-64	3.2	7
79	Neurohormonal and echocardiographic results after CorCap and mitral annuloplasty for dilated cardiomyopathy. <i>Annals of Thoracic Surgery</i> , 2009 , 88, 719-25	2.7	7

78	Papillary fibroblastoma of tricuspid valve with pulmonary embolization. <i>Asian Cardiovascular and Thoracic Annals</i> , 2006 , 14, e53-4	0.6	7
77	Successful radiofrequency ablation determines atrio-ventricular remodelling and improves systo-diastolic function at tissue Doppler-imaging. <i>European Journal of Cardio-thoracic Surgery</i> , 2007 , 31, 414-21; discussion 421-2	3	7
76	Inflammatory response to cardiopulmonary bypass with enoximone or steroids in patients undergoing myocardial revascularization: a preliminary report study. <i>International Journal of Clinical Pharmacology and Therapeutics</i> , 2009 , 47, 78-88	2	7
75	Nonlinear analysis of pupillary dynamics. <i>Biomedizinische Technik</i> , 2016 , 61, 95-106	1.3	6
74	Validation of a New Classification Method of Postoperative Complications in Patients Undergoing Coronary Artery Surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2016 , 30, 330-7	2.1	6
73	Improving the efficacy of ERP-based BCIs using different modalities of covert visuospatial attention and a genetic algorithm-based classifier. <i>PLoS ONE</i> , 2013 , 8, e53946	3.7	6
72	Veno-venous extracorporeal membrane oxygenation as a bridge to and support for pulmonary thromboendarterectomy in misdiagnosed chronic thromboembolic pulmonary hypertension. <i>Artificial Organs</i> , 2011 , 35, 956-60	2.6	6
71	Intraoperative behavior of arterial grafts in the elderly and the young: a flowmetric systematic analysis. <i>Heart and Vessels</i> , 2008 , 23, 316-24	2.1	6
70	Mechanical heart valves: are two leaflets better than one?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2004 , 127, 1171-9	1.5	6
69	Results of atrial fibrillation ablation during mitral surgery in patients with poor electro-anatomical substrate. <i>Journal of Heart Valve Disease</i> , 2009 , 18, 607-16		6
68	Determinants of outcome after isolated coronary artery bypass grafting in patients aged ≥ 80 years (from the Coronary aRtery diseAse in younG adultS study). <i>American Journal of Cardiology</i> , 2014 , 113, 275-8	3	5
67	Frequency of and determinants of stroke after surgical aortic valve replacement in patients with previous cardiac surgery (from the Multicenter RECORD Initiative). <i>American Journal of Cardiology</i> , 2013 , 112, 1641-5	3	5
66	Reconstruction and analysis of the pupil dilation signal: Application to a psychophysiological affective protocol. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2013 , 2013, 5-8	0.9	5
65	Gaseous micro-emboli activity during cardiopulmonary bypass in adults: pulsatile flow versus nonpulsatile flow. <i>Artificial Organs</i> , 2013 , 37, 357-67	2.6	5
64	Avoiding sternotomy and cardiopulmonary bypass in type IV renal carcinoma: is it really worth it?. <i>Annals of Thoracic Surgery</i> , 2011 , 91, 640-1; author reply 641-2	2.7	5
63	Marfan syndrome as a predisposing factor for traumatic aortic insufficiency. <i>Annals of Thoracic Surgery</i> , 2004 , 77, 2192-4	2.7	5
62	Elevated Cardiac Troponin in Clinical Scenarios Beyond Obstructive Coronary Artery Disease. <i>Medical Science Monitor</i> , 2019 , 25, 7115-7125	3.2	5
61	Type A acute aortic dissection with ≥ 40 -mm aortic root: results of conservative and replacement strategies at long-term follow-up. <i>European Journal of Cardio-thoracic Surgery</i> , 2021 , 59, 1115-1122	3	5

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