

# Francesco Onorati

## List of Publications by Year in descending order

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213  
papers

4,486  
citations

101384

36  
h-index

161609

54  
g-index

218  
all docs

218  
docs citations

218  
times ranked

5384  
citing authors

#	ARTICLE	IF	CITATIONS
1	1-Year Outcomes After Transfemoral Transcatheter or Surgical Aortic Valve Replacement. <i>Journal of the American College of Cardiology</i> , 2015, 66, 804-812.	1.2	161
2	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, 1851-1858.	0.7	126
3	2019 EACTS/EACTA/EBCP guidelines on cardiopulmonary bypass in adult cardiac surgery. <i>British Journal of Anaesthesia</i> , 2019, 123, 713-757.	1.5	116
4	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, 1945-1952.	0.8	101
5	Transcatheter Aortic Valve Implantation Compared With Surgical Aortic Valve Replacement in Low-Risk Patients. <i>Circulation: Cardiovascular Interventions</i> , 2016, 9, e003326.	1.4	100
6	Immediate and Intermediate Outcome After Transapical Versus Transfemoral Transcatheter Aortic Valve Replacement. <i>American Journal of Cardiology</i> , 2016, 117, 245-251.	0.7	100
7	Determinants and Prognosis of Myocardial Damage After Coronary Artery Bypass Grafting. <i>Annals of Thoracic Surgery</i> , 2005, 79, 837-845.	0.7	92
8	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, 1529-1539.	0.4	92
9	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.	0.4	91
10	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.	0.5	74
11	COVID-19 in Heart Transplant Recipients. <i>JACC: Heart Failure</i> , 2021, 9, 52-61.	1.9	72
12	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.	0.6	70
13	Rationale and design of POPular-TAVI: antiPlatelet therapy fOr Patients undergoing Transcatheter Aortic Valve Implantation. <i>American Heart Journal</i> , 2016, 173, 77-85.	1.2	64
14	Wrist sensor reveals sympathetic hyperactivity and hypoventilation before probable SUDEP. <i>Neurology</i> , 2017, 89, 633-635.	1.5	61
15	Clinical frailty scale and outcome after coronary artery bypass grafting. <i>European Journal of Cardio-thoracic Surgery</i> , 2018, 54, 1102-1109.	0.6	60
16	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, 229-238.	2.1	59
17	Hyperkalemic cardioplegia for adult and pediatric surgery: end of an era?. <i>Frontiers in Physiology</i> , 2013, 4, 228.	1.3	58
18	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, 1439-1447.	0.7	57

#	ARTICLE	IF	CITATIONS
19	2019 EACTS/EACTA/EBCP guidelines on cardiopulmonary bypass in adult cardiac surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2020, 57, 210-251.	0.6	57
20	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.	3.0	56
21	Outcome After General Anesthesia Versus Monitored Anesthesia Care in Transfemoral Transcatheter Aortic Valve Replacement. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2016, 30, 1238-1243.	0.6	54
22	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, 269-280.	0.6	53
23	“Polarizing” microplegia improves cardiac cycle efficiency after CABG for unstable angina. <i>International Journal of Cardiology</i> , 2013, 167, 2739-2746.	0.8	51
24	Prediction of severe bleeding after coronary surgery: the WILL-BLEED Risk Score. <i>Thrombosis and Haemostasis</i> , 2017, 117, 445-456.	1.8	51
25	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, 408-418.	0.4	47
26	Transbrachial insertion of a 7.5-Fr intra-aortic balloon pump in a severely atherosclerotic patient*. <i>Critical Care Medicine</i> , 2006, 34, 2231-2233.	0.4	45
27	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.	0.8	45
28	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, 654-662.	0.4	42
29	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, 481-488.	0.7	41
30	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, 585-591.	0.6	41
31	Venoarterial extracorporeal membrane oxygenation after coronary artery bypass grafting: Results of a multicenter study. <i>International Journal of Cardiology</i> , 2017, 241, 109-114.	0.8	39
32	2019 EACTS/EACTA/EBCP guidelines on cardiopulmonary bypass in adult cardiac surgery. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2020, 30, 161-202.	0.5	39
33	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.	0.7	38
34	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, 931-940.	1.2	38
35	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) <i>Tj ETQq1 1 0.784614 rgBT /3</i>	0.7	38
36	Should We Discontinue Intraaortic Balloon During Cardioplegic Arrest? Splanchnic Function Results of a Prospective Randomized Trial. <i>Annals of Thoracic Surgery</i> , 2005, 80, 2221-2228.	0.7	37

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37	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, 1012-1019.	0.6	37
38	Characterization of affective states by pupillary dynamics and autonomic correlates. <i>Frontiers in Neuroengineering</i> , 2013, 6, 9.	4.8	37
39	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, 1533-1539.	0.6	37
40	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-e133.	0.6	35
41	Epiaortic Ultrasound to Prevent Stroke in Coronary Artery Bypass Grafting. <i>Annals of Thoracic Surgery</i> , 2020, 109, 294-301.	0.7	35
42	Autophagy and Oncosis/Necroptosis Are Enhanced in Cardiomyocytes from Heart Failure Patients. <i>Medical Science Monitor Basic Research</i> , 2019, 25, 33-44.	2.6	35
43	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, 1345-1351.	0.4	34
44	Transbrachial Intraaortic Balloon Pumping in Severe Peripheral Atherosclerosis. <i>Annals of Thoracic Surgery</i> , 2007, 84, 264-266.	0.7	34
45	First Successful Management of Aortic Valve Insufficiency Associated With HeartMate II Left Ventricular Assist Device Support by Transfemoral CoreValve Implantation. <i>JACC: Cardiovascular Interventions</i> , 2012, 5, 114-115.	1.1	34
46	Bleeding in Patients Treated With Ticagrelor or Clopidogrel Before Coronary Artery Bypass Grafting. <i>Annals of Thoracic Surgery</i> , 2019, 107, 1690-1698.	0.7	34
47	Glycated Hemoglobin and Risk of Sternal Wound Infection After Isolated Coronary Surgery. <i>Circulation Journal</i> , 2017, 81, 36-43.	0.7	33
48	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, 540-547.	0.7	32
49	Can Pulsatile Cardiopulmonary Bypass Prevent Perioperative Renal Dysfunction during Myocardial Revascularization in Elderly Patients?. <i>Nephron Clinical Practice</i> , 2009, 111, c229-c235.	2.3	31
50	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.	1.2	30
51	Pulsatile perfusion with intra-aortic balloon pumping ameliorates whole body response to cardiopulmonary bypass in the elderly*. <i>Critical Care Medicine</i> , 2009, 37, 902-911.	0.4	29
52	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, 1025-1034.	0.4	28
53	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.	0.7	27
54	Outcome of Jehovah's Witnesses after adult cardiac surgery: systematic review and meta-analysis of comparative studies. <i>Transfusion</i> , 2016, 56, 2146-2153.	0.8	26

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55	Incidence and prognostic impact of bleeding and transfusion after coronary surgery in low-risk patients. <i>Transfusion</i> , 2017, 57, 178-186.	0.8	26
56	Outcome in Patients Having Salvage Coronary Artery Bypass Grafting. <i>American Journal of Cardiology</i> , 2015, 116, 1193-1198.	0.7	25
57	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.	0.8	25
58	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, 568-575.	0.4	24
59	Pulsatile cardiopulmonary bypass and renal function in elderly patients undergoing aortic valve surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2015, 47, 291-298.	0.6	24
60	Intra-aortic Balloon Pump-induced Pulsatile Flow Reduces Coagulative and Fibrinolytic Response to Cardiopulmonary Bypass. <i>Artificial Organs</i> , 2008, 32, 433-441.	1.0	23
61	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, 117-140.	0.7	23
62	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, 50-57.	1.1	23
63	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.	0.4	22
64	Comparison of 30-Day and 5-Year Outcomes of Percutaneous Coronary Intervention Versus Coronary Artery Bypass Grafting in Patients Aged ≥50 Years (the Coronary Artery Disease in young adultS Study). <i>American Journal of Cardiology</i> , 2014, 114, 198-205.	0.7	22
65	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, 537-543.	0.7	22
66	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, 631-636.	0.5	22
67	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, 341-351.	0.4	21
68	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, 1214-1221.	0.4	21
69	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, 1303-1312.e4.	0.4	21
70	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, 826-831.	0.4	20
71	Impact of increased transmitral gradients after undersized annuloplasty for chronic ischemic mitral regurgitation. <i>International Journal of Cardiology</i> , 2012, 158, 71-77.	0.8	20
72	Leukocyte Filtration Ameliorates the Inflammatory Response in Patients With Mild to Moderate Lung Dysfunction. <i>Annals of Thoracic Surgery</i> , 2011, 92, 111-121.	0.7	19

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73	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, 500-508.e1.	0.4	19
74	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.	0.8	19
75	Single versus sequential saphenous vein grafting of the circumflex system: A flowmetric study. <i>Scandinavian Cardiovascular Journal</i> , 2007, 41, 265-271.	0.4	18
76	Troponin I and Lactate From Coronary Sinus Predict Cardiac Complications After Myocardial Revascularization. <i>Annals of Thoracic Surgery</i> , 2007, 83, 1016-1023.	0.7	18
77	Clinical Evaluation of New Generation Oxygenators With Integrated Arterial Line Filters for Cardiopulmonary Bypass. <i>Artificial Organs</i> , 2012, 36, 875-885.	1.0	18
78	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, 806-812.	0.5	18
79	The impact of minor blood transfusion on the outcome after coronary artery bypass grafting. <i>Journal of Critical Care</i> , 2017, 40, 207-212.	1.0	18
80	Preoperative risk stratification of deep sternal wound infection after coronary surgery. <i>Infection Control and Hospital Epidemiology</i> , 2020, 41, 444-451.	1.0	18
81	Excess Mortality Associated with Progression Rate in Asymptomatic Aortic Valve Stenosis. <i>Journal of the American Society of Echocardiography</i> , 2021, 34, 237-244.	1.2	18
82	Midterm results of a prospective randomized comparison of two different rabbit-antithymocyte globulin induction therapies after heart transplantation. <i>Transplantation Proceedings</i> , 2004, 36, 631-637.	0.3	17
83	Perioperative enoximone infusion improves cardiac enzyme release after CABG. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2004, 18, 409-414.	0.6	17
84	Surgical treatment of coronary-to-pulmonary fistula: how and when?. <i>Heart and Vessels</i> , 2006, 21, 321-324.	0.5	17
85	Superior Myocardial Protection Using "Polarizing" Adenosine, Lidocaine, and Mg 2+ Cardioplegia in Humans. <i>Journal of the American College of Cardiology</i> , 2016, 67, 1751-1753.	1.2	17
86	Prognostic Impact of Prolonged Cross-Clamp Time in Coronary Artery Bypass Grafting. <i>Heart Lung and Circulation</i> , 2018, 27, 1476-1482.	0.2	17
87	Radial artery graft function is not affected by age. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2007, 134, 1112-1120.e3.	0.4	16
88	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.	0.4	16
89	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, 942-950.	0.6	16
90	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, 811-817.	0.5	16

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91	Validation of Bleeding Classifications in Coronary Artery Bypass Grafting. American Journal of Cardiology, 2017, 119, 727-733.	0.7	16
92	Dynamic and quantitative evaluation of degenerative mitral valve disease: a dedicated framework based on cardiac magnetic resonance imaging. Journal of Thoracic Disease, 2017, 9, S225-S238.	0.6	16
93	Comparative Analysis of Prothrombin Complex Concentrate and Fresh Frozen Plasma in Coronary Surgery. Heart Lung and Circulation, 2019, 28, 1881-1887.	0.2	16
94	2019 EACTS/EACTA/EBCP guidelines on cardiopulmonary bypass in adult cardiac surgery: a tool to better clinical practice. European Journal of Cardio-thoracic Surgery, 2020, 57, 207-209.	0.6	16
95	Perioperative Patency of Coronary Artery Bypass Grafting is Not Influenced by Off-Pump Technique. Annals of Thoracic Surgery, 2005, 80, 2132-2140.	0.7	15
96	Right Isthmus Ablation Reduces Supraventricular Arrhythmias After Surgery for Chronic Atrial Fibrillation. Annals of Thoracic Surgery, 2008, 85, 39-48.	0.7	15
97	In vivo functional flowmetric behavior of the radial artery graft: Is the composite Y-graft configuration advantageous over conventional aorta-coronary bypass?. Journal of Thoracic and Cardiovascular Surgery, 2010, 140, 292-297.e2.	0.4	15
98	Pulsatile pulmonary perfusion with oxygenated blood ameliorates pulmonary hemodynamic and respiratory indices in low-risk coronary artery bypass patients. European Journal of Cardio-thoracic Surgery, 2011, 40, 794-803.	0.6	15
99	Utility of glycated hemoglobin screening in patients undergoing elective coronary artery surgery: Prospective, cohort study from the E-CABG registry. International Journal of Surgery, 2018, 53, 354-359.	1.1	15
100	Early Outcome of Bilateral Versus Single Internal Mammary Artery Grafting in the Elderly. Annals of Thoracic Surgery, 2018, 105, 1717-1723.	0.7	15
101	Hospital Outcome and Risk Indices of Mortality after redo-mitral valve surgery in Potential Candidates for Transcatheter Procedures: Results From a European Registry. Journal of Cardiothoracic and Vascular Anesthesia, 2018, 32, 646-653.	0.6	15
102	Impact of preoperative thrombocytopenia on the outcome after coronary artery bypass grafting. Platelets, 2019, 30, 480-486.	1.1	15
103	Expression profiles in surgically-induced carotid stenosis: a combined transcriptomic and proteomic investigation. Journal of Cellular and Molecular Medicine, 2008, 12, 1956-1973.	1.6	14
104	Functional mitral regurgitation: a 30-year unresolved surgical journey from valve replacement to complex valve repairs. Heart Failure Reviews, 2014, 19, 341-358.	1.7	14
105	Studies on sporadic non-syndromic thoracic aortic aneurysms: 1. Deregulation of Jagged/Notch 1 homeostasis and selection of synthetic/secretor phenotype smooth muscle cells. European Journal of Preventive Cardiology, 2018, 25, 42-50.	0.8	14
106	Prognostic Impact of Multiple Prior Percutaneous Coronary Interventions in Patients Undergoing Coronary Artery Bypass Grafting. Journal of the American Heart Association, 2018, 7, e010089.	1.6	14
107	Variation in preoperative antithrombotic strategy, severe bleeding, and use of blood products in coronary artery bypass grafting: results from the multicentre E-CABG registry. European Heart Journal Quality of Care & Clinical Outcomes, 2018, 4, 246-257.	1.8	14
108	European registry of type A aortic dissection (ERTAAD) - rationale, design and definition criteria. Journal of Cardiothoracic Surgery, 2021, 16, 171.	0.4	14

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109	The risk of stroke following CABG: one possible strategy to reduce it?. <i>International Journal of Cardiology</i> , 2005, 98, 261-266.	0.8	13
110	Hospital Outcome Analysis After Different Techniques of Left Internal Mammary Grafts Harvesting. <i>Annals of Thoracic Surgery</i> , 2007, 84, 1912-1919.	0.7	13
111	Nonlinear analysis of pupillary dynamics. <i>Biomedizinische Technik</i> , 2016, 61, 95-106.	0.9	13
112	Prior Percutaneous Coronary Intervention and Mortality in Patients Undergoing Surgical Myocardial Revascularization. <i>Circulation: Cardiovascular Interventions</i> , 2018, 11, e005650.	1.4	13
113	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.	0.7	13
114	Mid-term echocardiographic results with different rings following restrictive mitral annuloplasty for ischaemic cardiomyopathy. <i>European Journal of Cardio-thoracic Surgery</i> , 2009, 36, 250-260.	0.6	12
115	Neurohormonal and Echocardiographic Results After CorCap and Mitral Annuloplasty for Dilated Cardiomyopathy. <i>Annals of Thoracic Surgery</i> , 2009, 88, 719-725.	0.7	12
116	Transcatheter Aortic Valve Replacement for Severe Aortic Stenosis Patients Undergoing Chronic Dialysis. <i>Journal of the American College of Cardiology</i> , 2015, 66, 93-94.	1.2	12
117	Outcome of Emergency Coronary Artery Bypass Grafting. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2015, 29, 275-282.	0.6	12
118	Efficacy of Pulsatile Flow Perfusion in Adult Cardiac Surgery: Hemodynamic Energy and Vascular Reactivity. <i>Journal of Clinical Medicine</i> , 2021, 10, 5934.	1.0	12
119	Early intra-aortic balloon pumping following perioperative myocardial injury improves hospital and mid-term prognosis. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2008, 8, 310-315.	0.5	11
120	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, 135-137.	0.5	11
121	Reconstruction and analysis of the pupil dilation signal: Application to a psychophysiological affective protocol. , 2013, 2013, 5-8.		11
122	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.	0.8	11
123	Cardioplegia between Evolution and Revolution: From Depolarized to Polarized Cardiac Arrest in Adult Cardiac Surgery. <i>Journal of Clinical Medicine</i> , 2021, 10, 4485.	1.0	11
124	Type A acute aortic dissection with a 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.	0.6	11
125	Targeting Urocortin Signaling Pathways to Enhance Cardioprotection: Is It Time to Move from Bench to Bedside?. <i>Cardiovascular Drugs and Therapy</i> , 2013, 27, 451-463.	1.3	10
126	Results Differ Between Transaortic and Open Surgical Aortic Valve Replacement in Women. <i>Annals of Thoracic Surgery</i> , 2013, 96, 1336-1342.	0.7	10



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127	Unstable angina and non-ST segment elevation: surgical revascularization with different strategies. <i>European Journal of Cardio-thoracic Surgery</i> , 2005, 27, 1043-1050.	0.6	9
128	Radial artery achieves better flowmetric results than saphenous vein in the elderly. <i>Heart and Vessels</i> , 2009, 24, 108-115.	0.5	9
129	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, 469-480.	0.7	9
130	Intra-aortic balloon pumping recruits graft flow reserve by lowering coronary resistances. <i>International Journal of Cardiology</i> , 2012, 154, 293-298.	0.8	9
131	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, 450-454.	0.3	9
132	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, 2296-2308.	0.4	9
133	Studies on sporadic non-syndromic thoracic aortic aneurysms: II. Alterations of extra-cellular matrix components and focal adhesion proteins. <i>European Journal of Preventive Cardiology</i> , 2018, 25, 51-58.	0.8	9
134	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.	0.3	9
135	Papillary Fibroblastoma of Tricuspid Valve with Pulmonary Embolization. <i>Asian Cardiovascular and Thoracic Annals</i> , 2006, 14, e53-e54.	0.2	8
136	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, 414-422.	0.6	8
137	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.	0.7	8
138	Elevated Cardiac Troponin in Clinical Scenarios Beyond Obstructive Coronary Artery Disease. <i>Medical Science Monitor</i> , 2019, 25, 7115-7125.	0.5	8
139	Mechanical heart valves: are two leaflets better than one?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2004, 127, 1171-1179.	0.4	7
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