Marco Ranucci

List of Publications by Year
in descending order

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358 papers	19,893 citations	15495 65 h-index	13758 129 g-index
376 all docs	376 docs citations	376 times ranked	24804 citing authors

#	Article	IF	Citations
1	Baseline Characteristics and Outcomes of 1591 Patients Infected With SARS-CoV-2 Admitted to ICUs of the Lombardy Region, Italy. JAMA - Journal of the American Medical Association, 2020, 323, 1574.	3.8	4,411
2	Risk Factors Associated With Mortality Among Patients With COVID-19 in Intensive Care Units in Lombardy, Italy. JAMA Internal Medicine, 2020, 180, 1345.	2.6	1,165
3	The procoagulant pattern of patients with COVIDâ€19 acute respiratory distress syndrome. Journal of Thrombosis and Haemostasis, 2020, 18, 1747-1751.	1.9	791
4	Surgical Reexploration After Cardiac Operations: Why a Worse Outcome?. Annals of Thoracic Surgery, 2008, 86, 1557-1562.	0.7	639
5	Oxygen Delivery During Cardiopulmonary Bypass and Acute Renal Failure After Coronary Operations. Annals of Thoracic Surgery, 2005, 80, 2213-2220.	0.7	321
6	Risk of Assessing Mortality Risk in Elective Cardiac Operations. Circulation, 2009, 119, 3053-3061.	1.6	319
7	Universal definition of perioperative bleeding in adult cardiac surgery. Journal of Thoracic and Cardiovascular Surgery, 2014, 147, 1458-1463.e1.	0.4	301
8	2017 EACTS/EACTA Guidelines on patient blood management for adult cardiac surgery. Journal of Cardiothoracic and Vascular Anesthesia, 2018, 32, 88-120.	0.6	299
9	2017 EACTS/EACTA Guidelines on patient blood management for adult cardiac surgery. European Journal of Cardio-thoracic Surgery, 2018, 53, 79-111.	0.6	291
10	Major Bleeding, Transfusions, and Anemia: The Deadly Triad of Cardiac Surgery. Annals of Thoracic Surgery, 2013, 96, 478-485.	0.7	250
11	Beneficial Impact of Fenoldopam in Critically Ill Patients With or at Risk for Acute Renal Failure: A Meta-Analysis of Randomized Clinical Trials. American Journal of Kidney Diseases, 2007, 49, 56-68.	2.1	215
12	Multiple Electrode Whole-Blood Aggregometry and Bleeding in Cardiac Surgery Patients Receiving Thienopyridines. Annals of Thoracic Surgery, 2011, 91, 123-129.	0.7	211
13	Bivalirudin-based versus conventional heparin anticoagulation for postcardiotomy extracorporeal membrane oxygenation. Critical Care, 2011, 15, R275.	2.5	200
14	Surgical therapy for ischemic heart failure: Single-center experience with surgical anterior ventricular restoration. Journal of Thoracic and Cardiovascular Surgery, 2007, 134, 433-441.e2.	0.4	180
15	O2 delivery and CO2 production during cardiopulmonary bypass as determinants of acute kidney injury: time for a goal-directed perfusion management?. Critical Care, 2011, 15, R192.	2.5	170
16	Ischemic mitral regurgitation: Intraventricular papillary muscle imbrication without mitral ring during left ventricular restoration. Journal of Thoracic and Cardiovascular Surgery, 2002, 123, 1041-1050.	0.4	169
17	Hyperlactatemia during cardiopulmonary bypass: determinants and impact on postoperative outcome. Critical Care, 2006, 10, R167.	2.5	165
18	1-Year Outcomes After TransfemoralÂTranscatheter or SurgicalÂAortic Valve Replacement. Journal of the American College of Cardiology, 2015, 66, 804-812.	1.2	161

#	Article	IF	Citations
19	Clinical review: Practical recommendations on the management of perioperative heart failure in cardiac surgery. Critical Care, 2010, 14, 201.	2.5	158
20	Fenoldopam Reduces the Need for Renal Replacement Therapy and In-Hospital Death in Cardiovascular Surgery: A Meta-Analysis. Journal of Cardiothoracic and Vascular Anesthesia, 2008, 22, 27-33.	0.6	152
21	Goal-directed perfusion to reduce acute kidney injury: A randomized trial. Journal of Thoracic and Cardiovascular Surgery, 2018, 156, 1918-1927.e2.	0.4	151
22	ELSO Interim Guidelines for Venoarterial Extracorporeal Membrane Oxygenation in Adult Cardiac Patients. ASAIO Journal, 2021, 67, 827-844.	0.9	147
23	Randomized, Doubleâ€Blinded, Placeboâ€Controlled Trial of Fibrinogen Concentrate Supplementation After Complex Cardiac Surgery. Journal of the American Heart Association, 2015, 4, e002066.	1.6	136
24	Use of minimal invasive extracorporeal circulation in cardiac surgery: principles, definitions and potential benefits. A position paper from the Minimal invasive Extra-Corporeal Technologies international Society (MiECTiS). Interactive Cardiovascular and Thoracic Surgery, 2016, 22, 647-662.	0.5	136
25	Desmopressin Reduces Transfusion Needs after Surgery. Anesthesiology, 2008, 109, 1063-1076.	1.3	132
26	Impact of Preoperative Anemia on Outcome in Adult Cardiac Surgery: A Propensity-Matched Analysis. Annals of Thoracic Surgery, 2012, 94, 1134-1141.	0.7	129
27	COVID-19 and ECMO: the interplay between coagulation and inflammationâ€"a narrative review. Critical Care, 2020, 24, 205.	2.5	129
28	A Simple Risk Tool (the OBSERVANT Score) for Prediction of 30-Day Mortality After Transcatheter Aortic Valve Replacement. American Journal of Cardiology, 2014, 113, 1851-1858.	0.7	126
29	2019 EACTS/EACTA/EBCP guidelines on cardiopulmonary bypass in adult cardiac surgery. British Journal of Anaesthesia, 2019, 123, 713-757.	1.5	116
30	Assessing the Methodology for Calculating Platelet Contribution to Clot Strength (Platelet) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 T 868-878.	1.1	115
31	Society of Cardiovascular Anesthesiologists Clinical Practice Improvement Advisory for Management of Perioperative Bleeding and Hemostasis in Cardiac Surgery Patients. Anesthesia and Analgesia, 2019, 129, 1209-1221.	1.1	115
32	Influence of the Timing of Cardiac Catheterization and the Amount of Contrast Media on Acute Renal Failure After Cardiac Surgery. American Journal of Cardiology, 2008, 101, 1112-1118.	0.7	106
33	Theoretical modelling of fibrinogen supplementation with therapeutic plasma, cryoprecipitate, or fibrinogen concentrate. British Journal of Anaesthesia, 2014, 113, 585-595.	1.5	106
34	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. International Journal of Cardiology, 2013, 167, 1945-1952.	0.8	101
35	Inhaled nitric oxide therapy in adults: European expert recommendations. Intensive Care Medicine, 2005, 31, 1029-1041.	3.9	100
36	Transcatheter Aortic Valve Implantation Compared With Surgical Aortic Valve Replacement in Low-Risk Patients. Circulation: Cardiovascular Interventions, 2016, 9, e003326.	1.4	100

#	Article	IF	Citations
37	Immediate and Intermediate Outcome After Transapical Versus Transfemoral Transcatheter Aortic Valve Replacement. American Journal of Cardiology, 2016, 117, 245-251.	0.7	100
38	Predictors for heparin resistance in patients undergoing coronary artery bypass grafting. Perfusion (United Kingdom), 1999, 14, 437-442.	0.5	98
39	Fenoldopam Prophylaxis of Postoperative Acute Renal Failure in High-Risk Cardiac Surgery Patients. Annals of Thoracic Surgery, 2004, 78, 1332-1337.	0.7	98
40	Comparison of Whole Blood Fibrin-Based Clot Tests in Thrombelastography and Thromboelastometry. Anesthesia and Analgesia, 2012, 114, 721-730.	1.1	98
41	Risk factors for renal dysfunction after coronary surgery: the role of cardiopulmonary bypass technique. Perfusion (United Kingdom), 1994, 9, 319-326.	0.5	95
42	Hematocrit on Cardiopulmonary Bypass and Outcome After Coronary Surgery in Nontransfused Patients. Annals of Thoracic Surgery, 2010, 89, 11-17.	0.7	95
43	Postoperative antithrombin levels and outcome in cardiac operations. Critical Care Medicine, 2005, 33, 355-360.	0.4	93
44	A Systematic Review of Biocompatible Cardiopulmonary Bypass Circuits and Clinical Outcome. Annals of Thoracic Surgery, 2009, 87, 1311-1319.	0.7	93
45	J Wave, QRS Slurring, and ST Elevation in Athletes With Cardiac Arrest in the Absence of Heart Disease. Circulation: Arrhythmia and Electrophysiology, 2010, 3, 305-311.	2.1	93
46	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. Journal of Thoracic and Cardiovascular Surgery, 2014, 147, 1529-1539.	0.4	92
47	Impact of oligon central venous catheters on catheter colonization and catheter-related bloodstream infection. Critical Care Medicine, 2003, 31, 52-59.	0.4	91
48	Effect of preoperative P2Y12 and thrombin platelet receptor inhibition on bleeding after cardiac surgery. British Journal of Anaesthesia, 2014, 113, 970-976.	1.5	91
49	The Effectiveness of Different Functional Fibrinogen Polymerization Assays in Eliminating Platelet Contribution to Clot Strength in Thromboelastometry. Anesthesia and Analgesia, 2014, 118, 269-276.	1.1	91
50	Morbidity and Mortality Risk Factors in Adults With Congenital Heart Disease Undergoing Cardiac Reoperations. Annals of Thoracic Surgery, 2009, 88, 1284-1289.	0.7	87
51	Aortic cross-clamp time, new prostheses, and outcome in aortic valve replacement. Journal of Heart Valve Disease, 2012, 21, 732-9.	0.5	86
52	Model-based causal closed-loop approach to the estimate of baroreflex sensitivity during propofol anesthesia in patients undergoing coronary artery bypass graft. Journal of Applied Physiology, 2013, 115, 1032-1042.	1.2	83
53	Predicting transfusions in cardiac surgery: the easier, the better: the Transfusion Risk and Clinical Knowledge score. Vox Sanguinis, 2009, 96, 324-332.	0.7	80
54	Society of Cardiovascular Anesthesiologists Clinical Practice Improvement Advisory for Management of Perioperative Bleeding and Hemostasis in Cardiac Surgery Patients. Journal of Cardiothoracic and Vascular Anesthesia, 2019, 33, 2887-2899.	0.6	79

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55	Body Size, Gender, and Transfusions as Determinants of Outcome After Coronary Operations. Annals of Thoracic Surgery, 2008, 85, 481-486.	0.7	78
56	Delayed Cardiac Tamponade After Radiofrequency Catheter Ablation of Atrial Fibrillation. Journal of the American College of Cardiology, 2011, 58, 2696-2697.	1.2	78
57	Heparin-coated circuits for high-risk patients: a multicenter, prospective, randomized trial. Annals of Thoracic Surgery, 1999, 67, 994-1000.	0.7	77
58	Different patterns of heparin resistance: therapeutic implications. Perfusion (United Kingdom), 2002, 17, 199-204.	0.5	77
59	Efficacy and safety of recombinant factor XIII on reducing blood transfusions in cardiac surgery: A randomized, placebo-controlled, multicenter clinical trial. Journal of Thoracic and Cardiovascular Surgery, 2013, 146, 927-939.	0.4	75
60	Accuracy, calibration and clinical performance of the new EuroSCORE II risk stratification system. European Journal of Cardio-thoracic Surgery, 2013, 43, 27-32.	0.6	74
61	The easier, the better: Age, creatinine, ejection fraction score for operative mortality risk stratification in a series of 29,659 patients undergoing elective cardiac surgery. Journal of Thoracic and Cardiovascular Surgery, 2011, 142, 581-586.	0.4	71
62	Efficacy and Safety of Recombinant Activated Factor VII in Major Surgical Procedures. Archives of Surgery, 2008, 143, 296.	2.3	70
63	Anaerobic Metabolism During Cardiopulmonary Bypass: Predictive Value of Carbon Dioxide Derived Parameters. Annals of Thoracic Surgery, 2006, 81, 2189-2195.	0.7	69
64	ISTH DIC subcommittee communication on anticoagulation in COVIDâ€19. Journal of Thrombosis and Haemostasis, 2020, 18, 2138-2144.	1.9	69
65	Acute Kidney Injury and Hemodilution During Cardiopulmonary Bypass: A Changing Scenario. Annals of Thoracic Surgery, 2015, 100, 95-100.	0.7	68
66	Duration of red blood cell storage and outcomes in pediatric cardiac surgery: an association found for pump prime blood. Critical Care, 2009, 13, R207.	2.5	67
67	Central venous oxygen saturation and blood lactate levels during cardiopulmonary bypass are associated with outcome after pediatric cardiac surgery. Critical Care, 2010, 14, R149.	2.5	67
68	Risk scores to facilitate preoperative prediction of transfusion and large volume blood transfusion associated with adult cardiac surgery. British Journal of Anaesthesia, 2015, 114, 757-766.	1.5	67
69	Nearâ€infrared spectroscopy correlates with continuous superior vena cava oxygen saturation in pediatric cardiac surgery patients. Paediatric Anaesthesia, 2008, 18, 1163-1169.	0.6	63
70	Covid-19-Associated Coagulopathy: Biomarkers of Thrombin Generation and Fibrinolysis Leading the Outcome. Journal of Clinical Medicine, 2020, 9, 3487.	1.0	63
71	Diabetes and complications after cardiac surgery: comparison with a non-diabetic population. Acta Diabetologica, 1999, 36, 77-84.	1.2	62
72	A geometric reappraisal of proximal landing zones for thoracic endovascular aortic repair according to aortic arch types. Journal of Vascular Surgery, 2017, 65, 1584-1590.	0.6	62

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73	Patient blood management during cardiac surgery: Do we have enough evidence for clinical practice?. Journal of Thoracic and Cardiovascular Surgery, 2011, 142, 249.e1-249.e32.	0.4	60
74	Beneficial effects of duraflo II heparin-coated circuits on postperfusion lung dysfunction. Annals of Thoracic Surgery, 1996, 61, 76-81.	0.7	59
75	Which cardiac surgical patients can benefit from placement of a pulmonary artery catheter?. Critical Care, 2006, 10, S6.	2.5	57
76	A Randomized Controlled Trial of Preoperative Intra-Aortic Balloon Pump in Coronary Patients With Poor Left Ventricular Function Undergoing Coronary Artery Bypass Surgery*. Critical Care Medicine, 2013, 41, 2476-2483.	0.4	57
77	Hemostatic and Thrombotic Issues in Cardiac Surgery. Seminars in Thrombosis and Hemostasis, 2015, 41, 084-090.	1.5	57
78	2019 EACTS/EACTA/EBCP guidelines on cardiopulmonary bypass in adult cardiac surgery. European Journal of Cardio-thoracic Surgery, 2020, 57, 210-251.	0.6	57
79	Outcome After General Anesthesia Versus Monitored Anesthesia Care in Transfemoral Transcatheter Aortic Valve Replacement. Journal of Cardiothoracic and Vascular Anesthesia, 2016, 30, 1238-1243.	0.6	54
80	Acute Kidney Injury in Patients Undergoing Cardiac Surgery and Coronary Angiography on the Same Day. Annals of Thoracic Surgery, 2013, 95, 513-519.	0.7	51
81	The role of fibrinogen and fibrinogen concentrate in cardiac surgery: an international consensus statement from the Haemostasis and Transfusion Scientific Subcommittee of the European Association of Cardiothoracic Anaesthesiology. Anaesthesia, 2019, 74, 1589-1600.	1.8	51
82	A Comparative Study of SEER Sonorheometry Versus Standard Coagulation Tests, Rotational Thromboelastometry, and Multiple Electrode Aggregometry in Cardiac Surgery. Journal of Cardiothoracic and Vascular Anesthesia, 2019, 33, 1590-1598.	0.6	51
83	Clinical evaluation of DuraflоÂ® II heparin treated extracorporeal circulation circuits (2nd version) The European working group on heparin coated extracorporeal circulation circuits. European Journal of Cardio-thoracic Surgery, 1997, 11, 616-623.	0.6	50
84	Postoperative Hypoxia and Length of Intensive Care Unit Stay after Cardiac Surgery: The Underweight Paradox?. PLoS ONE, 2014, 9, e93992.	1.1	50
85	Impact of Surgical Ventricular Restoration on Diastolic Function: Implications of Shape and Residual Ventricular Size. Annals of Thoracic Surgery, 2008, 86, 1849-1854.	0.7	49
86	Thromboelastometry for guiding bleeding management of the critically ill patient: a systematic review of the literature. Minerva Anestesiologica, 2014, 80, 1320-35.	0.6	49
87	Sensitivity of Viscoelastic Tests to Platelet Function. Journal of Clinical Medicine, 2020, 9, 189.	1.0	47
88	A European consensus statement on the use of fourâ€factor prothrombin complex concentrate for cardiac and nonâ€cardiac surgical patients. Anaesthesia, 2021, 76, 381-392.	1.8	47
89	Effect of haematocrit on fibrin-based clot firmness in the FIBTEM test. Blood Transfusion, 2013, 11, 412-8.	0.3	47
90	Association of Gender and Lowest Hematocrit on Cardiopulmonary Bypass With Acute Kidney Injury and Operative Mortality in Patients Undergoing Cardiac Surgery. Annals of Thoracic Surgery, 2013, 96, 133-140.	0.7	46

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91	Fibrinogen measurement in cardiac surgery with cardiopulmonary bypass: Analysis of repeatability and agreement of Clauss method within and between six different laboratories. Thrombosis and Haemostasis, 2014, 112, 109-117.	1.8	46
92	Blood viscosity during coagulation at different shear rates. Physiological Reports, 2014, 2, e12065.	0.7	46
93	Five-Year Outcomes of Transfemoral Transcatheter Aortic Valve Replacement or Surgical Aortic Valve Replacement in a Real World Population. Circulation: Cardiovascular Interventions, 2019, 12, e007825.	1.4	46
94	Can the Viscoelastic Parameter Î±-Angle Distinguish Fibrinogen from Platelet Deficiency and Guide Fibrinogen Supplementation?. Anesthesia and Analgesia, 2015, 121, 289-301.	1.1	45
95	Fibrinogen Levels After Cardiac Surgical Procedures: Association With Postoperative Bleeding, Trigger Values, and Target Values. Annals of Thoracic Surgery, 2016, 102, 78-85.	0.7	44
96	Surgical Treatment of Postinfarction Ventricular Septal Rupture. JAMA Network Open, 2021, 4, e2128309.	2.8	44
97	Lowest hematocrit on cardiopulmonary bypass impairs the outcome in coronary surgery: An Italian Multicenter Study from the National Cardioanesthesia Database. Texas Heart Institute Journal, 2006, 33, 300-5.	0.1	44
98	Platelet Mapping and Desmopressin Reversal of Platelet Inhibition During Emergency Carotid Endarterectomy. Journal of Cardiothoracic and Vascular Anesthesia, 2007, 21, 851-854.	0.6	43
99	Purified antithrombin supplementation in coronary revascularisation operations. European Journal of Anaesthesiology, 2007, 24, 71.	0.7	43
100	Fibrinogen supplementation after cardiac surgery: insights from the Zero-Plasma trial (ZEPLAST). British Journal of Anaesthesia, 2016, 116, 618-623.	1.5	42
101	Bivalirudin and post-cardiotomy ECMO: a word of caution. Critical Care, 2012, 16, 427.	2.5	41
102	Perioperative Renal Failure: Hypoperfusion During Cardiopulmonary Bypass?. Seminars in Cardiothoracic and Vascular Anesthesia, 2007, 11, 265-268.	0.4	40
103	Supplementation of fibrinogen in acquired bleeding disorders: experience, evidence, guidelines, and licences. British Journal of Anaesthesia, 2012, 109, 135-137.	1.5	40
104	Perioperative Anemia Management as Part of PBM in Cardiac Surgery â€“ A Narrative Updated Review. Journal of Cardiothoracic and Vascular Anesthesia, 2020, 34, 1060-1073.	0.6	40
105	FIBTEM PLUS Provides an Improved Thromboelastometry Test for Measurement of Fibrin-Based Clot Quality in Cardiac Surgery Patients. Anesthesia and Analgesia, 2013, 117, 1054-1062.	1.1	39
106	Gender-based differences in platelet function and platelet reactivity to P2Y12Âinhibitors. PLoS ONE, 2019, 14, e0225771.	1.1	39
107	2019 EACTS/EACTA/EBCP guidelines on cardiopulmonary bypass in adult cardiac surgery. Interactive Cardiovascular and Thoracic Surgery, 2020, 30, 161-202.	0.5	39
108	Effects of fenoldopam infusion in complex cardiac surgical operations: a prospective, randomized, double-blind, placebo-controlled study. Minerva Anestesiologica, 2010, 76, 249-59.	0.6	39

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109	Early and Midterm Outcome of Propensity-Matched Intermediate-Risk Patients Aged â‰¥80 Years With Aortic Stenosis Undergoing Surgical or Transcatheter Aortic Valve Replacement (from the Italian) Tj ETQq1 1 0.784314 rgBT /Overlock	0.7	38
110	Preoperative antithrombin supplementation in cardiac surgery: A randomized controlled trial. Journal of Thoracic and Cardiovascular Surgery, 2013, 145, 1393-1399.	0.4	37
111	Trials and Tribulations of Viscoelastic-Based Determination of Fibrinogen Concentration. Anesthesia and Analgesia, 2020, 130, 644-653.	1.1	36
112	Reduced Systemic Heparin Dose with Phosphorylcholine Coated Closed Circuit in Coronary Operations. International Journal of Artificial Organs, 2004, 27, 311-319.	0.7	34
113	Thienopyridines resistance and recovery of platelet function after discontinuation of thienopyridines in cardiac surgery patients. European Journal of Cardio-thoracic Surgery, 2014, 45, 165-170.	0.6	34
114	Hemodilution on Cardiopulmonary Bypass: Thromboelastography Patterns and Coagulation-Related Outcomes. Journal of Cardiothoracic and Vascular Anesthesia, 2017, 31, 1588-1594.	0.6	34
115	Platelet function after cardiac surgery and its association with severe postoperative bleeding: the PLATFORM study. Platelets, 2019, 30, 908-914.	1.1	34
116	Extracorporeal membrane oxygenation without systemic anticoagulation: a case-series in challenging conditions. Journal of Thoracic Disease, 2020, 12, 2113-2119.	0.6	33
117	Closed, Phosphorylcholine-Coated Circuit and Reduction of Systemic Heparinization for Cardiopulmonary Bypass: The Intraoperative ECMO Concept. International Journal of Artificial Organs, 2002, 25, 875-881.	0.7	32
118	Transcatheter Aortic Valve Implantation Versus Surgical Aortic Valve Replacement for Severe Aortic Stenosis in Patients With Chronic Kidney Disease Stages 3b to 5. Annals of Thoracic Surgery, 2016, 102, 540-547.	0.7	32
119	Transcatheter or surgical treatment of severe aortic stenosis and coronary artery disease: A comparative analysis from the Italian OBSERVANT study. International Journal of Cardiology, 2018, 270, 102-106.	0.8	32
120	Heparin-like effect in postcardiotomy extracorporeal membrane oxygenation patients. Critical Care, 2014, 18, 504.	2.5	31
121	The ACEF II Risk Score for cardiac surgery: updated but still parsimonious. European Heart Journal, 2018, 39, 2183-2189.	1.0	31
122	Management of critically ill patients with COVID-19: suggestions and instructions from the coordination of intensive care units of Lombardy. Minerva Anestesiologica, 2020, 86, 1234-1245.	0.6	31
123	Hemodilution on Cardiopulmonary Bypass as a Determinant of Early Postoperative Hyperlactatemia. PLoS ONE, 2015, 10, e0126939.	1.1	30
124	Determinants of antithrombin consumption in cardiac operations requiring cardiopulmonary bypass. Perfusion (United Kingdom), 2004, 19, 47-52.	0.5	29
125	Accuracy, calibration and clinical performance of the EuroSCORE: can we reduce the number of variables?. European Journal of Cardio-thoracic Surgery, 2010, 37, 724-729.	0.6	29
126	The antithrombin IIIâ€“saving effect of reduced systemic heparinization and heparin-coated circuits. Journal of Cardiothoracic and Vascular Anesthesia, 2002, 16, 316-320.	0.6	28

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127	Neoaortic Valve and Root Complex Evolution After Ross Operation in Infants, Children, and Adolescents. Annals of Thoracic Surgery, 2010, 90, 1278-1285.	0.7	28
128	The 6-minute walking test and all-cause mortality in patients undergoing a post-cardiac surgery rehabilitation program. European Journal of Preventive Cardiology, 2015, 22, 20-26.	0.8	28
129	Preâ€operative fibrinogen supplementation in cardiac surgery patients: an evaluation of different trigger values. Acta Anaesthesiologica Scandinavica, 2015, 59, 427-433.	0.7	27
130	Carbon dioxide production during cardiopulmonary bypass: pathophysiology, measure and clinical relevance. Perfusion (United Kingdom), 2017, 32, 4-12.	0.5	27
131	Normothermic perfusion and lung function after cardiopulmonary bypass: effects in pulmonary risk patients. Perfusion (United Kingdom), 1997, 12, 309-315.	0.5	26
132	Obesity and coronary artery surgery. Journal of Cardiothoracic and Vascular Anesthesia, 1999, 13, 280-284.	0.6	26
133	Determinants of Early Discharge From the Intensive Care Unit After Cardiac Operations. Annals of Thoracic Surgery, 2007, 83, 1089-1095.	0.7	26
134	Minimally invasive cardiopulmonary bypass: does it really change the outcome?. Critical Care, 2007, 11, R45.	2.5	26
135	Continuous Monitoring of Central Venous Oxygen Saturation (Pediasat) in Pediatric Patients Undergoing Cardiac Surgery: A Validation Study of a New Technology. Journal of Cardiothoracic and Vascular Anesthesia, 2008, 22, 847-852.	0.6	26
136	An adjusted EuroSCORE model for high-risk cardiac patients. European Journal of Cardio-thoracic Surgery, 2009, 36, 791-797.	0.6	26
137	Surgical and transcatheter aortic valve procedures. The limits of risk scores. Interactive Cardiovascular and Thoracic Surgery, 2010, 11, 138-141.	0.5	26
138	Postoperative Anemia and Exercise Tolerance After Cardiac Operations in Patients Without Transfusion: What Hemoglobin Level Is Acceptable?. Annals of Thoracic Surgery, 2011, 92, 25-31.	0.7	26
139	The interaction between preoperative platelet count and function and its relationship with postoperative bleeding in cardiac surgery. Platelets, 2017, 28, 794-798.	1.1	26
140	Baroreflex sensitivity and outcomes following coronary surgery. PLoS ONE, 2017, 12, e0175008.	1.1	26
141	Patient blood management in cardiac surgery: The â€œGranducato algorithmâ€. International Journal of Cardiology, 2019, 289, 37-42.	0.8	26
142	Factors influencing the choice between transcatheter and surgical treatment of severe aortic stenosis in patients younger than 80â€‰years: Results from the OBSERVANT study. Catheterization and Cardiovascular Interventions, 2020, 95, E186-E195.	0.7	26
143	Acute Respiratory Distress Syndrome in the Perioperative Period of Cardiac Surgery: Predictors, Diagnosis, Prognosis, Management Options, and Future Directions. Journal of Cardiothoracic and Vascular Anesthesia, 2022, 36, 1169-1179.	0.6	26
144	Recommendations for reporting perioperative transoesophageal echo studies. European Journal of Echocardiography, 2010, 11, 387-393.	2.3	25

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145	Transcatheter aortic valve replacement in nonagenarians: early and intermediate outcome from the OBSERVANT study and meta-analysis of the literature. Heart and Vessels, 2017, 32, 157-165.	0.5	25
146	Inflammation and coagulation following minimally invasive extracorporeal circulation technologies. Journal of Thoracic Disease, 2019, 11, S1480-S1488.	0.6	25
147	Association between transfusion of blood products and acute kidney injury following cardiac surgery. Acta Anaesthesiologica Scandinavica, 2020, 64, 1397-1404.	0.7	25
148	Moderate ischemic mitral regurgitation and coronary artery bypass surgery: effect of mitral repair on clinical outcome. Journal of Heart Valve Disease, 2003, 12, 272-9.	0.5	25
149	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. Journal of Thoracic and Cardiovascular Surgery, 2014, 147, 568-575.	0.4	24
150	Perioperative Management of Patients Receiving New Oral Anticoagulants. Clinics in Laboratory Medicine, 2014, 34, 637-654.	0.7	24
151	Soluble Receptor for Advanced Glycation End Products and Its Forms in COVID-19 Patients with and without Diabetes Mellitus: A Pilot Study on Their Role as Disease Biomarkers. Journal of Clinical Medicine, 2020, 9, 3785.	1.0	24
152	A prospective pilot study of platelet function and its relationship with postoperative bleeding in pediatric cardiac surgery. Minerva Anestesiologica, 2012, 78, 556-63.	0.6	24
153	Effects of priming volume reduction on allogeneic red blood cell transfusions and renal outcome after heart surgery. Perfusion (United Kingdom), 2015, 30, 120-126.	0.5	23
154	Fibrinogen levels compensation of thrombocytopenia-induced bleeding following cardiac surgery. International Journal of Cardiology, 2017, 249, 96-100.	0.8	23
155	General Anesthesia Attenuates Brugada Syndrome Phenotype Expression. JACC: Clinical Electrophysiology, 2018, 4, 518-530.	1.3	23
156	Duration of critically low oxygen delivery is associated with acute kidney injury after cardiac surgery. Acta Anaesthesiologica Scandinavica, 2019, 63, 1290-1297.	0.7	23
157	Discrimination and calibration properties of the hypotension probability indicator during cardiac and vascular surgery. Minerva Anestesiologica, 2019, 85, 724-730.	0.6	23
158	The effectiveness of 10 years of interventions to control postoperative bleeding in adult cardiac surgery. Interactive Cardiovascular and Thoracic Surgery, 2016, 24, ivw339.	0.5	22
159	Point-of-Care Coagulation Tests Monitoring of Direct Oral Anticoagulants and Their Reversal Therapy: State of the Art. Seminars in Thrombosis and Hemostasis, 2017, 43, 423-432.	1.5	22
160	Platelet Contribution to Clot Strength in Thromboelastometry: Count, Function, or Both?. Platelets, 2020, 31, 88-93.	1.1	22
161	Anti-Factor Xaâ€“Based Anticoagulation during Extracorporeal Membrane Oxygenation: Potential Problems and Possible Solutions. Seminars in Thrombosis and Hemostasis, 2020, 46, 419-427.	1.5	22
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