

Marco Ranucci

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/4748790/marco-ranucci-publications-by-year.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

333
papers

14,205
citations

58
h-index

112
g-index

376
ext. papers

17,406
ext. citations

3.4
avg, IF

6.48
L-index

#	Paper	IF	Citations
333	Monitoring the Evolution of Asynchrony between Mean Arterial Pressure and Mean Cerebral Blood Flow via Cross-Entropy Methods.. <i>Entropy</i> , 2022 , 24,	2.8	2
332	COVID-19 Associated Coagulopathy: The Thrombin Burst 2022 , 47-61		
331	Standard Coagulation Tests in COVID-19 2022 , 13-29		
330	The Overall Scenario of COVID-19-Associated Coagulopathy 2022 , 87-101		
329	Surgical Treatment of Postinfarction Ventricular Septal Rupture. <i>JAMA Network Open</i> , 2021 , 4, e2128309	0.4	4
328	Clopidogrel resistance in dual antiplatelet therapy after carotid stenting. <i>Journal of Vascular Surgery</i> , 2021 , 74, 2119	3.5	0
327	Plasma Levels of Glycohydrolase Activities in Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Patients. <i>Archives of Pathology and Laboratory Medicine</i> , 2021 , 145, 922-923	5	
326	Acute Respiratory Distress Syndrome in the Perioperative Period of Cardiac Surgery: Predictors, Diagnosis, Prognosis, Management Options, and Future Directions. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021 ,	2.1	1
325	Impact of propofol general anesthesia on cardiovascular and cerebrovascular closed loop variability interactions. <i>Biomedical Signal Processing and Control</i> , 2021 , 68, 102735	4.9	3
324	Preoperative Anemia Correction in Cardiac Surgery: A Propensity-Matched Study. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021 , 35, 874-881	2.1	5
323	A European consensus statement on the use of four-factor prothrombin complex concentrate for cardiac and non-cardiac surgical patients. <i>Anaesthesia</i> , 2021 , 76, 381-392	6.6	20
322	Association between cardioplegia and postoperative atrial fibrillation in coronary surgery. <i>International Journal of Cardiology</i> , 2021 , 324, 38-43	3.2	2
321	A novel, comprehensive tool for predicting 30-day mortality after surgical aortic valve replacement. <i>European Journal of Cardio-thoracic Surgery</i> , 2021 , 59, 586-592	3	2
320	Enhanced Assessment of Perioperative Mortality Risk in Adults With Congenital Heart Disease. <i>Journal of the American College of Cardiology</i> , 2021 , 78, 234-242	15.1	2
319	ELSO Interim Guidelines for Venoarterial Extracorporeal Membrane Oxygenation in Adult Cardiac Patients. <i>ASAIO Journal</i> , 2021 , 67, 827-844	3.6	26
318	Anaesthesiological Management of the Paediatric Patient in the Catheterisation Laboratory 2021 , 7-19		
317	Respiration is a Confounder of the Closed Loop Relationship Between Mean Arterial Pressure and Mean Cerebral Blood Flow. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2021 , 2021, 5403-5406	0.9	

316	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
315	COVID-19 and ECMO: the interplay between coagulation and inflammation-a narrative review. <i>Critical Care</i> , 2020 , 24, 205	10.8	90
314	Extracorporeal membrane oxygenation without systemic anticoagulation: a case-series in challenging conditions. <i>Journal of Thoracic Disease</i> , 2020 , 12, 2113-2119	2.6	11
313	In Response. <i>Anesthesia and Analgesia</i> , 2020 , 130, e154-e156	3.9	
312	Early and late outcomes after transcatheter versus surgical aortic valve replacement in obese patients. <i>Archives of Medical Science</i> , 2020 , 16, 796-801	2.9	1
311	Baseline Characteristics and Outcomes of 1591 Patients Infected With SARS-CoV-2 Admitted to ICUs of the Lombardy Region, Italy. <i>JAMA - Journal of the American Medical Association</i> , 2020 , 323, 1574-1581	27.4	3054
310	Association between transfusion of blood products and acute kidney injury following cardiac surgery. <i>Acta Anaesthesiologica Scandinavica</i> , 2020 , 64, 1397-1404	1.9	8
309	Sensitivity of Viscoelastic Tests to Platelet Function. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	24
308	Extracorporeal membrane oxygenation without therapeutic anticoagulation in adults: A systematic review of the current literature. <i>International Journal of Artificial Organs</i> , 2020 , 43, 570-578	1.9	12
307	Postoperative Modifications of Cardiovascular Control and Baroreflex Sensitivity in Patients Undergoing Surgical Aortic Valve Replacement 2020 ,		2
306	Use of Coagulation Point-of-Care Tests in the Management of Anticoagulation and Bleeding in Pediatric Cardiac Surgery: A Systematic Review. <i>Anesthesia and Analgesia</i> , 2020 , 130, 1594-1604	3.9	5
305	In Response. <i>Anesthesia and Analgesia</i> , 2020 , 131, e119-e120	3.9	3
304	Calibration of risk scores: one model does not fit all. <i>Minerva Anestesiologica</i> , 2020 , 86, 696-698	1.9	
303	Management of critically ill patients with COVID-19: suggestions and instructions from the coordination of intensive care units of Lombardy. <i>Minerva Anestesiologica</i> , 2020 , 86, 1234-1245	1.9	19
302	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
301	Evaluation of the impact of surgical aortic valve replacement on short-term cardiovascular and cerebrovascular controls through spontaneous variability analysis. <i>PLoS ONE</i> , 2020 , 15, e0243869	3.7	2
300	Challenge of Anesthesia Management in Brugada Syndrome. <i>Anesthesiology</i> , 2020 , 132, 411-412	4.3	1
299	Trials and Tribulations of Viscoelastic-Based Determination of Fibrinogen Concentration. <i>Anesthesia and Analgesia</i> , 2020 , 130, 644-653	3.9	19

298	Outcomes and Quality of Life After Ross Reintervention: Would You Make the Same Choice Again?. <i>Annals of Thoracic Surgery</i> , 2020 , 110, 214-220	2.7	2
297	Strength and Latency of Mean Cerebral Blood Flow Velocity and Mean Arterial Pressure Coupling during Propofol General Anesthesia in Subjects Undergoing Coronary Artery Bypass Graft 2020 ,		1
296	Risk Factors Associated With Mortality Among Patients With COVID-19 in Intensive Care Units in Lombardy, Italy. <i>JAMA Internal Medicine</i> , 2020 , 180, 1345-1355	11.5	604
295	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. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	10
294	ISTH DIC subcommittee communication on anticoagulation in COVID-19. <i>Journal of Thrombosis and Haemostasis</i> , 2020 , 18, 2138-2144	15.4	46
293	Covid-19-Associated Coagulopathy: Biomarkers of Thrombin Generation and Fibrinolysis Leading the Outcome. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	36
292	Complexity and Nonlinearities of Short-Term Cardiovascular and Cerebrovascular Controls after Surgical Aortic Valve Replacement. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2020 , 2020, 2569-2572	0.9	1
291	Acute myocardial infarction complicating ischemic stroke: is there room for cangrelor?. <i>Platelets</i> , 2020 , 31, 120-123	3.6	
290	Platelet Contribution to Clot Strength in Thromboelastometry: Count, Function, or Both?. <i>Platelets</i> , 2020 , 31, 88-93	3.6	12
289	Anti-Factor Xa-Based Anticoagulation during Extracorporeal Membrane Oxygenation: Potential Problems and Possible Solutions. <i>Seminars in Thrombosis and Hemostasis</i> , 2020 , 46, 419-427	5.3	10
288	Factors influencing the choice between transcatheter and surgical treatment of severe aortic stenosis in patients younger than 80 years: Results from the OBSERVANT study. <i>Catheterization and Cardiovascular Interventions</i> , 2020 , 95, E186-E195	2.7	18
287	Perioperative Anemia Management as Part of PBM in Cardiac Surgery - A Narrative Updated Review. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2020 , 34, 1060-1073	2.1	15
286	The procoagulant pattern of patients with COVID-19 acute respiratory distress syndrome. <i>Journal of Thrombosis and Haemostasis</i> , 2020 , 18, 1747-1751	15.4	571
285	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
284	A gender-based analysis of the obesity paradox in cardiac surgery: height for women, weight for men?. <i>European Journal of Cardio-thoracic Surgery</i> , 2019 , 56, 72-78	3	5
283	Inflammation and coagulation following minimally invasive extracorporeal circulation technologies. <i>Journal of Thoracic Disease</i> , 2019 , 11, S1480-S1488	2.6	16
282	Treatment Algorithms for Bleeding 2019 , 163-171		
281	Causality analysis reveals the link between cerebrovascular control and acute kidney dysfunction after coronary artery bypass grafting. <i>Physiological Measurement</i> , 2019 , 40, 064006	2.9	7

280	Society of Cardiovascular Anesthesiologists Clinical Practice Improvement Advisory for Management of Perioperative Bleeding and Hemostasis in Cardiac Surgery Patients. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2019 , 33, 2887-2899	2.1	36
279	On the premature termination of the Goal-directed perfusion trial. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 , 157, e277-e279	1.5	
278	Short-term multiscale complexity analysis of cardiovascular variability improves low cardiac output syndrome risk stratification after coronary artery bypass grafting. <i>Physiological Measurement</i> , 2019 , 40, 044001	2.9	2
277	Body mass index stratification in hospitalized Italian adults with congenital heart disease in relation to complexity, diagnosis, sex and age. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2019 , 29, 367-377	4.5	2
276	Platelet reactivity in overweight and obese patients undergoing cardiac surgery. <i>Platelets</i> , 2019 , 30, 608-614	3.4	10
275	Duration of critically low oxygen delivery is associated with acute kidney injury after cardiac surgery. <i>Acta Anaesthesiologica Scandinavica</i> , 2019 , 63, 1290-1297	1.9	13
274	Five-Year Outcomes of Transfemoral Transcatheter Aortic Valve Replacement or Surgical Aortic Valve Replacement in a Real World Population. <i>Circulation: Cardiovascular Interventions</i> , 2019 , 12, e007825	6.2	22
273	Fibrinogen levels and postoperative chest drain blood loss in low-weight (. <i>Perfusion (United Kingdom)</i> , 2019 , 34, 629-636	1.9	5
272	Comparison of Causal and Non-causal Strategies for the Assessment of Baroreflex Sensitivity in Predicting Acute Kidney Dysfunction After Coronary Artery Bypass Grafting. <i>Frontiers in Physiology</i> , 2019 , 10, 1319	4.6	8
271	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. <i>Anaesthesia</i> , 2019 , 74, 1589-1600	6.6	26
270	Discrimination and calibration properties of the hypotension probability indicator during cardiac and vascular surgery. <i>Minerva Anestesiologica</i> , 2019 , 85, 724-730	1.9	9
269	Clinical standards for patient blood management and perioperative hemostasis and coagulation management. Position Paper of the Italian Society of Anesthesia, Analgesia, Resuscitation and Intensive Care (SIAARTI). <i>Minerva Anestesiologica</i> , 2019 , 85, 635-664	1.9	9
268	Gender-based differences in platelet function and platelet reactivity to P2Y ₁₂ inhibitors. <i>PLoS ONE</i> , 2019 , 14, e0225771	3.7	15
267	Society of Cardiovascular Anesthesiologists Clinical Practice Improvement Advisory for Management of Perioperative Bleeding and Hemostasis in Cardiac Surgery Patients. <i>Anesthesia and Analgesia</i> , 2019 , 129, 1209-1221	3.9	58
266	Association Between Coronary Artery Bypass Surgical Techniques and Postoperative Stroke. <i>Journal of the American Heart Association</i> , 2019 , 8, e013650	6	9
265	Cardiac surgery associated acute kidney injury and the role of cardiopulmonary bypass technique. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 , 157, 301	1.5	1
264	A Comparative Study of SEER Sonorheometry Versus Standard Coagulation Tests, Rotational Thromboelastometry, and Multiple Electrode Aggregometry in Cardiac Surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2019 , 33, 1590-1598	2.1	27
263	Critical Care Management of the Adult with Tetralogy of Fallot. <i>Congenital Heart Disease in Adolescents and Adults</i> , 2019 , 181-192	0	

262	Patient blood management in cardiac surgery: The "Granducato algorithm". <i>International Journal of Cardiology</i> , 2019 , 289, 37-42	3.2	16
261	Platelet function after cardiac surgery and its association with severe postoperative bleeding: the PLATFORM study. <i>Platelets</i> , 2019 , 30, 908-914	3.6	20
260	Bloodstream infections during post-cardiotomy extracorporeal membrane oxygenation: Incidence, risk factors, and outcomes. <i>International Journal of Artificial Organs</i> , 2019 , 42, 299-306	1.9	7
259	General Anesthesia Attenuates Brugada Syndrome Phenotype Expression: Clinical Implications From a Prospective Clinical Trial. <i>JACC: Clinical Electrophysiology</i> , 2018 , 4, 518-530	4.6	20
258	Transcatheter aortic valve implantation compared with surgical aortic valve replacement in patients with anaemia. <i>Acta Cardiologica</i> , 2018 , 73, 50-59	0.9	4
257	Goal-directed perfusion to reduce acute kidney injury: A randomized trial. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018 , 156, 1918-1927.e2	1.5	80
256	Model-based directional analysis of cardiovascular variability identifies patients developing atrial fibrillation after coronary artery bypass grafting. <i>International Journal of Cardiology</i> , 2018 , 258, 97-102	3.2	11
255	The ACEF II Risk Score for cardiac surgery: updated but still parsimonious. <i>European Heart Journal</i> , 2018 , 39, 2183-2189	9.5	18
254	2017 EACTS/EACTA Guidelines on patient blood management for adult cardiac surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2018 , 53, 79-111	3	165
253	2017 EACTS/EACTA Guidelines on patient blood management for adult cardiac surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2018 , 32, 88-120	2.1	155
252	Jugular vs femoral vein for central venous catheterization in pediatric cardiac surgery (PRECiSE): study protocol for a randomized controlled trial. <i>Trials</i> , 2018 , 19, 329	2.8	1
251	The combined effects of the microcirculatory status and cardiopulmonary bypass on platelet count and function during cardiac surgery. <i>Clinical Hemorheology and Microcirculation</i> , 2018 , 70, 327-337	2.5	9
250	Validation of renal-risk models for the prediction of non-renal replacement therapy cardiac surgery-associated acute kidney injury. <i>International Journal of Cardiology</i> , 2018 , 272, 49-53	3.2	12
249	Is there a role for von Willebrand factor/factor VIII concentrate supplementation in complex congenital heart surgery?. <i>Journal of Thrombosis and Haemostasis</i> , 2018 , 16, 2147-2149	15.4	2
248	Transcatheter or surgical treatment of severe aortic stenosis and coronary artery disease: A comparative analysis from the Italian OBSERVANT study. <i>International Journal of Cardiology</i> , 2018 , 270, 102-106	3.2	13
247	Separating arterial pressure increases and decreases in assessing cardiac baroreflex sensitivity via sequence and bivariate phase-rectified signal averaging techniques. <i>Medical and Biological Engineering and Computing</i> , 2018 , 56, 1241-1252	3.1	11
246	An ex-vivo model of shear-rate-based activation of blood coagulation. <i>Blood Coagulation and Fibrinolysis</i> , 2018 , 29, 172-177	1	3
245	Is female sex an independent risk factor for early mortality in isolated coronary artery bypass graft? A propensity-matched analysis. <i>Journal of Cardiovascular Medicine</i> , 2018 , 19, 497-502	1.9	1

244	Comparison of Different Strategies to Assess Cardiac Baroreflex Sensitivity Based on Transfer Function Technique in Patients Undergoing General Anesthesia. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference, 2018-2018, 2700-2703</i>	0.9	
243	Multiscale Decomposition of Cardiovascular and Cardiorespiratory Information Transfer under General Anesthesia. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference, 2018, 4607-4610</i>	0.9	4
242	Transcatheter aortic valve replacement in nonagenarians: early and intermediate outcome from the OBSERVANT study and meta-analysis of the literature. <i>Heart and Vessels, 2017, 32, 157-165</i>	2.1	23
241	Anaesthesia and cardiopulmonary bypass aspects of fast track. <i>European Heart Journal Supplements, 2017, 19, A15-A17</i>	1.5	1
240	A geometric reappraisal of proximal landing zones for thoracic endovascular aortic repair according to aortic arch types. <i>Journal of Vascular Surgery, 2017, 65, 1584-1590</i>	3.5	49
239	The interaction between preoperative platelet count and function and its relationship with postoperative bleeding in cardiac surgery. <i>Platelets, 2017, 28, 794-798</i>	3.6	21
238	Hemodilution on Cardiopulmonary Bypass: Thromboelastography Patterns and Coagulation-Related Outcomes. <i>Journal of Cardiothoracic and Vascular Anesthesia, 2017, 31, 1588-1594</i>	2.1	18
237	Early or late fresh frozen plasma administration in newborns and small infants undergoing cardiac surgery: the APPEAR randomized trial. <i>British Journal of Anaesthesia, 2017, 118, 788-796</i>	5.4	16
236	Preoperative colonization in pediatric cardiac surgery and its impact on postoperative infections. <i>Paediatric Anaesthesia, 2017, 27, 849-855</i>	1.8	2
235	The Hidden Traps of Meta-Analyses on Cardiac Surgery Mortality Risk Scores. <i>American Journal of Cardiology, 2017, 120, 337-338</i>	3	1
234	Point-of-Care Coagulation Tests Monitoring of Direct Oral Anticoagulants and Their Reversal Therapy: State of the Art. <i>Seminars in Thrombosis and Hemostasis, 2017, 43, 423-432</i>	5.3	18
233	Patterns and determinants of functional and absolute iron deficiency in patients undergoing cardiac rehabilitation following heart surgery. <i>European Journal of Preventive Cardiology, 2017, 24, 799-809</i>	3.9	9
232	Kaolin-activated thromboelastography and standard coagulation assays in cyanotic and acyanotic infants undergoing complex cardiac surgery: a prospective cohort study. <i>Paediatric Anaesthesia, 2017, 27, 170-180</i>	1.8	13
231	Fibrinogen levels compensation of thrombocytopenia-induced bleeding following cardiac surgery. <i>International Journal of Cardiology, 2017, 249, 96-100</i>	3.2	16
230	Baroreflex sensitivity and outcomes following coronary surgery. <i>PLoS ONE, 2017, 12, e0175008</i>	3.7	18
229	Surgery for supraventricular tachycardia and congenital heart defects: long-term efficacy of the combined approach in adult patients. <i>Europace, 2017, 19, 1542-1548</i>	3.9	10
228	The effectiveness of 10 years of interventions to control postoperative bleeding in adult cardiac surgery. <i>Interactive Cardiovascular and Thoracic Surgery, 2017, 24, 196-202</i>	1.8	18
227	Theoretical Modeling of Coagulation Management With Therapeutic Plasma or Prothrombin Complex Concentrate. <i>Anesthesia and Analgesia, 2017, 125, 1471-1474</i>	3.9	9

226	Carbon dioxide production during cardiopulmonary bypass: pathophysiology, measure and clinical relevance. <i>Perfusion (United Kingdom)</i> , 2017 , 32, 4-12	1.9	18
225	Towards the identification of subjects prone to develop atrial fibrillation after coronary artery bypass graft surgery via univariate and multivariate complexity analysis of heart period variability. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society</i>	0.9	
224	Cardiovascular interactions assessed via conditional joint transfer entropy in patients developing atrial fibrillation after coronary artery bypass graft surgery. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2016 , 2016, 2937-2940	0.9	1
223	Point-of-care haemostasis and coagulation monitoring in cardiac surgery at IRCCS Policlinico San Donato. <i>European Heart Journal Supplements</i> , 2016 , 18, E42-E48	1.5	5
222	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
221	In search of the ideal risk-scoring system for very high-risk cardiac surgical patients: a two-stage approach. <i>Journal of Cardiothoracic Surgery</i> , 2016 , 11, 13	1.6	8
220	International cooperation in healthcare: model of IRCCS Policlinico San Donato and Bambini Cardiopatici nel Mondo Association for congenital heart diseases. <i>European Heart Journal Supplements</i> , 2016 , 18, E72-E78	1.5	6
219	Electric impedance platelet aggregometry in cardiac surgery patients: A comparative study of two technologies. <i>Platelets</i> , 2016 , 27, 185-90	3.6	13
218	Immediate and Intermediate Outcome After Transapical Versus Transfemoral Transcatheter Aortic Valve Replacement. <i>American Journal of Cardiology</i> , 2016 , 117, 245-51	3	85
217	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
216	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). <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2016 , 22, 647-62	1.8	96
215	Fibrinogen supplementation after cardiac surgery: insights from the Zero-Plasma trial (ZEPLAST). <i>British Journal of Anaesthesia</i> , 2016 , 116, 618-23	5.4	35
214	Outcome measures and quality markers for perioperative blood loss and transfusion in cardiac surgery. <i>Canadian Journal of Anaesthesia</i> , 2016 , 63, 169-75	3	9
213	Management of Severe Bleeding in Cardiovascular Patients 2016 , 107-124		
212	Risk Scores to Facilitate Preoperative Prediction of Transfusion and Large Volume Blood Transfusion Associated With Adult Cardiac Surgery. <i>Survey of Anesthesiology</i> , 2016 , 60, 45-46		
211	Desmopressin after cardiac surgery in bleeding patients. A multicenter randomized trial. <i>Acta Anaesthesiologica Scandinavica</i> , 2016 , 60, 892-900	1.9	12
210	Reply: TAVI in Lower Risk Patients: Revolution or Nonsense? Keep Calm and Select Patients. <i>Journal of the American College of Cardiology</i> , 2016 , 67, 1381-2	15.1	
209	Rhinocerebral zygomycosis: an unusual dramatic presentation in a paediatric cardiac patient without risk factors. <i>European Heart Journal Supplements</i> , 2016 , 18, E19-E21	1.5	

208	Transcatheter Aortic Valve Implantation Compared With Surgical Aortic Valve Replacement in Low-Risk Patients. <i>Circulation: Cardiovascular Interventions</i> , 2016 , 9, e003326	6	80
207	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
206	A Case of Fatal Bleeding Following Emergency Surgery on an Ascending Aorta Intramural Hematoma in a Patient Taking Dabigatran. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2016 , 30, 1027-31	2.1	11
205	Retuning mortality risk prediction in paediatric cardiac surgery: the additional role of early postoperative metabolic and respiratory profile. <i>European Journal of Cardio-thoracic Surgery</i> , 2016 , 50, 642-649	3	0
204	Fibrinogen Levels After Cardiac Surgical Procedures: Association With Postoperative Bleeding, Trigger Values, and Target Values. <i>Annals of Thoracic Surgery</i> , 2016 , 102, 78-85	2.7	34
203	Transcatheter aortic valve replacement-state of the art and a glimpse to the future: The Tailored Approach. <i>European Heart Journal Supplements</i> , 2016 , 18, E86-E95	1.5	3
202	Modern ECMO: why an ECMO programme in a tertiary care hospital. <i>European Heart Journal Supplements</i> , 2016 , 18, E79-E85	1.5	5
201	The care for adults with congenital heart disease: organization and function of a grown-up congenital heart disease unit. <i>European Heart Journal Supplements</i> , 2016 , 18, E15-E18	1.5	5
200	Invited Commentary. <i>Annals of Thoracic Surgery</i> , 2016 , 102, 117	2.7	
199	Microcirculatory changes in children undergoing cardiac surgery: a prospective observational study. <i>British Journal of Anaesthesia</i> , 2016 , 117, 206-13	5.4	10
198	An unusual case of cardiogenic shock in which thiamine administration led to reversal of lactic acidosis and heart function recovery: Shoshin beriberi in an adolescent. <i>International Journal of Cardiology</i> , 2016 , 222, 401-403	3.2	3
197	Coagulation monitoring in postcardiotomy ECMO: conventional tests, point-of-care, or both?. <i>Minerva Anestesiologica</i> , 2016 , 82, 858-66	1.9	12
196	Comparison of fibrin-based clot elasticity parameters measured by free oscillation rheometry (ReoRox \square) versus thromboelastometry (ROTEM \square). <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2015 , 75, 239-46	2	15
195	Hemostatic and thrombotic issues in cardiac surgery. <i>Seminars in Thrombosis and Hemostasis</i> , 2015 , 41, 84-90	5.3	44
194	Randomized, double-blinded, placebo-controlled trial of fibrinogen concentrate supplementation after complex cardiac surgery. <i>Journal of the American Heart Association</i> , 2015 , 4, e002066	6	109
193	Development and validation of a risk score for predicting operative mortality in heart failure patients undergoing surgical ventricular reconstruction. <i>European Journal of Cardio-thoracic Surgery</i> , 2015 , 47, e199-205	3	6
192	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
191	Risk scores to facilitate preoperative prediction of transfusion and large volume blood transfusion associated with adult cardiac surgery. <i>British Journal of Anaesthesia</i> , 2015 , 114, 757-66	5.4	46

190	Acute Kidney Injury and Hemodilution During Cardiopulmonary Bypass: A Changing Scenario. <i>Annals of Thoracic Surgery</i> , 2015 , 100, 95-100	2.7	54
189	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
188	Ventricular assist devices: from bridge to transplantation to bridge to organ donation. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2015 , 29, 738-40	2.1	2
187	The 6-minute walking test and all-cause mortality in patients undergoing a post-cardiac surgery rehabilitation program. <i>European Journal of Preventive Cardiology</i> , 2015 , 22, 20-6	3.9	15
186	Can the Viscoelastic Parameter α Angle Distinguish Fibrinogen from Platelet Deficiency and Guide Fibrinogen Supplementation?. <i>Anesthesia and Analgesia</i> , 2015 , 121, 289-301	3.9	32
185	Reply: To PMID 25916873. <i>Annals of Thoracic Surgery</i> , 2015 , 100, 1967-8	2.7	
184	Pre-operative fibrinogen supplementation in cardiac surgery patients: an evaluation of different trigger values. <i>Acta Anaesthesiologica Scandinavica</i> , 2015 , 59, 427-33	1.9	19
183	Assessing the Methodology for Calculating Platelet Contribution to Clot Strength (Platelet Component) in Thromboelastometry and Thrombelastography. <i>Anesthesia and Analgesia</i> , 2015 , 121, 868-878	3.9	83
182	Hemodilution on cardiopulmonary bypass as a determinant of early postoperative hyperlactatemia. <i>PLoS ONE</i> , 2015 , 10, e0126939	3.7	23
181	Validation of viscoelastic coagulation tests during cardiopulmonary bypass: comment. <i>Journal of Thrombosis and Haemostasis</i> , 2015 , 13, 2279-81	15.4	3
180	General anesthesia reduces the information exchange between heart and circulation. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2015 , 2015, 4029-32	0.9	4
179	Effects of priming volume reduction on allogeneic red blood cell transfusions and renal outcome after heart surgery. <i>Perfusion (United Kingdom)</i> , 2015 , 30, 120-6	1.9	16
178	Perioperative Coagulation in Cardiovascular Surgery 2015 , 243-266		
177	Anaesthesiological Management of the Paediatric Patient in the Catheterisation Laboratory 2015 , 7-16		
176	Plasma viscosity, functional fibrinogen, and platelet reactivity in vascular surgery patients. <i>Clinical Hemorheology and Microcirculation</i> , 2015 , 61, 417-27	2.5	3
175	Moderate-degree acidosis is an independent determinant of postoperative bleeding in cardiac surgery. <i>Minerva Anestesiologica</i> , 2015 , 81, 885-93	1.9	10
174	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, 568-75	1.5	22
173	Thienopyridines resistance and recovery of platelet function after discontinuation of thienopyridines in cardiac surgery patients. <i>European Journal of Cardio-thoracic Surgery</i> , 2014 , 45, 165-70 ³		31

172	Perioperative management of patients receiving new oral anticoagulants: an international survey. <i>Clinics in Laboratory Medicine</i> , 2014 , 34, 637-54	2.1	18
171	Universal definition of perioperative bleeding in adult cardiac surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 147, 1458-1463.e1	1.5	206
170	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
169	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
168	Safe application of a restrictive transfusion protocol in moderate-risk patients undergoing cardiac operations. <i>Annals of Thoracic Surgery</i> , 2014 , 97, 1630-5	2.7	18
167	The authors reply. <i>Critical Care Medicine</i> , 2014 , 42, e729-30	1.4	
166	Cardiac Catheterization and Postoperative Acute Kidney Failure in Congenital Heart Pediatric Patients. <i>Survey of Anesthesiology</i> , 2014 , 58, 80-81		
165	The authors reply. <i>Critical Care Medicine</i> , 2014 , 42, e247-8	1.4	
164	Fibrinogen measurement in cardiac surgery with cardiopulmonary bypass: analysis of repeatability and agreement of Clauss method within and between six different laboratories. <i>Thrombosis and Haemostasis</i> , 2014 , 112, 109-17	7	37
163	Albumin-Beyond Fluid Replacement in Cardiopulmonary Bypass Surgery: Why, How, and When?. <i>Seminars in Cardiothoracic and Vascular Anesthesia</i> , 2014 , 18, 252-9	1.4	14
162	Heparin-like effect in postcardiotomy extracorporeal membrane oxygenation patients. <i>Critical Care</i> , 2014 , 18, 504	10.8	22
161	Theoretical modelling of fibrinogen supplementation with therapeutic plasma, cryoprecipitate, or fibrinogen concentrate. <i>British Journal of Anaesthesia</i> , 2014 , 113, 585-95	5.4	76
160	Renal function changes and seasonal temperature in patients undergoing cardiac surgery. <i>Chronobiology International</i> , 2014 , 31, 175-81	3.6	11
159	Blood viscosity during coagulation at different shear rates. <i>Physiological Reports</i> , 2014 , 2, e12065	2.6	29
158	Effect of preoperative P2Y12 and thrombin platelet receptor inhibition on bleeding after cardiac surgery. <i>British Journal of Anaesthesia</i> , 2014 , 113, 970-6	5.4	75
157	The effectiveness of different functional fibrinogen polymerization assays in eliminating platelet contribution to clot strength in thromboelastometry. <i>Anesthesia and Analgesia</i> , 2014 , 118, 269-276	3.9	80
156	ESA guidelines on the management of severe perioperative bleeding: comments on behalf of the Subcommittee on Transfusion and Haemostasis of the European Association of Cardiothoracic Anaesthesiologists. <i>European Journal of Anaesthesiology</i> , 2014 , 31, 239-41	2.3	14
155	Reply: To PMID 23673070. <i>Annals of Thoracic Surgery</i> , 2014 , 97, 736	2.7	

154	Postoperative hypoxia and length of intensive care unit stay after cardiac surgery: the underweight paradox?. <i>PLoS ONE</i> , 2014 , 9, e93992	3.7	35
153	Tetralogy of Fallot in the Adult 2014 , 2551-2568		1
152	The Postoperative Treatment of Tricuspid Valve Surgery 2014 , 195-204		
151	Coagulation, Anticoagulation, and Inflammatory Response 2014 , 77-90		1
150	Percentage hematocrit variation (PHEVAR) index as a quality indicator of patient blood management in cardiac surgery. <i>Minerva Anestesiologica</i> , 2014 , 80, 885-93	1.9	1
149	Unintentional boluses during drug infusions: pump up the volume!. <i>Minerva Anestesiologica</i> , 2014 , 80, 626-7	1.9	
148	Thromboelastometry for guiding bleeding management of the critically ill patient: a systematic review of the literature. <i>Minerva Anestesiologica</i> , 2014 , 80, 1320-35	1.9	43
147	Bentall operation in 375 patients: long-term results and predictors of death. <i>Journal of Heart Valve Disease</i> , 2014 , 23, 127-34		11
146	Porcine bioprosthetic valve in the pulmonary position: mid-term results in the right ventricular outflow tract reconstruction. <i>Pediatric Cardiology</i> , 2013 , 34, 1190-3	2.1	12
145	Efficacy and safety of recombinant factor XIII on reducing blood transfusions in cardiac surgery: a randomized, placebo-controlled, multicenter clinical trial. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013 , 146, 927-39	1.5	65
144	Major bleeding, transfusions, and anemia: the deadly triad of cardiac surgery. <i>Annals of Thoracic Surgery</i> , 2013 , 96, 478-85	2.7	193
143	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
142	Association of gender and lowest hematocrit on cardiopulmonary bypass with acute kidney injury and operative mortality in patients undergoing cardiac surgery. <i>Annals of Thoracic Surgery</i> , 2013 , 96, 133-40	2.7	38
141	The additional prognostic value of left atrial volume on the outcome of patients after surgical ventricular reconstruction. <i>Annals of Thoracic Surgery</i> , 2013 , 95, 141-7	2.7	4
140	Reply: To PMID 23201106. <i>Annals of Thoracic Surgery</i> , 2013 , 96, 2290	2.7	
139	Acute kidney injury in patients undergoing cardiac surgery and coronary angiography on the same day. <i>Annals of Thoracic Surgery</i> , 2013 , 95, 513-9	2.7	42
138	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
137	Preoperative antithrombin supplementation in cardiac surgery: a randomized controlled trial. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013 , 145, 1393-9	1.5	25

136	FIBTEM PLUS provides an improved thromboelastometry test for measurement of fibrin-based clot quality in cardiac surgery patients. <i>Anesthesia and Analgesia</i> , 2013 , 117, 1054-62	3.9	34
135	Accuracy, calibration and clinical performance of the new EuroSCORE II risk stratification system. <i>European Journal of Cardio-thoracic Surgery</i> , 2013 , 43, 27-32	3	60
134	A randomized controlled trial of preoperative intra-aortic balloon pump in coronary patients with poor left ventricular function undergoing coronary artery bypass surgery*. <i>Critical Care Medicine</i> , 2013 , 41, 2476-83	1.4	50
133	Cardiac catheterization and postoperative acute kidney failure in congenital heart pediatric patients. <i>Anesthesia and Analgesia</i> , 2013 , 117, 455-61	3.9	16
132	Model-based causal closed-loop approach to the estimate of baroreflex sensitivity during propofol anesthesia in patients undergoing coronary artery bypass graft. <i>Journal of Applied Physiology</i> , 2013 , 115, 1032-42	3.7	63
131	Effect of haematocrit on fibrin-based clot firmness in the FIBTEM test. <i>Blood Transfusion</i> , 2013 , 11, 412-8.6		36
130	Is time on cardiopulmonary bypass during cardiac surgery associated with acute kidney injury requiring dialysis?. <i>Hemodialysis International</i> , 2012 , 16, 252-8	1.7	5
129	Bivalirudin and post-cardiotomy ECMO: a word of caution. <i>Critical Care</i> , 2012 , 16, 427	10.8	29
128	Impact of preoperative anemia on outcome in adult cardiac surgery: a propensity-matched analysis. <i>Annals of Thoracic Surgery</i> , 2012 , 94, 1134-41	2.7	90
127	Monitoring prohemostatic treatment in bleeding patients. <i>Seminars in Thrombosis and Hemostasis</i> , 2012 , 38, 282-91	5.3	15
126	Anticoagulation protocols for minimized cardiopulmonary bypass 2012 , 17-34		
125	Comparison of whole blood fibrin-based clot tests in thrombelastography and thromboelastometry. <i>Anesthesia and Analgesia</i> , 2012 , 114, 721-30	3.9	89
124	Perioperative Right Ventricular Management 2012 , 179-189		
123	A prospective pilot study of platelet function and its relationship with postoperative bleeding in pediatric cardiac surgery. <i>Minerva Anestesiologica</i> , 2012 , 78, 556-63	1.9	19
122	Aortic cross-clamp time, new prostheses, and outcome in aortic valve replacement. <i>Journal of Heart Valve Disease</i> , 2012 , 21, 732-9		69
121	Delayed cardiac tamponade after radiofrequency catheter ablation of atrial fibrillation: a worldwide report. <i>Journal of the American College of Cardiology</i> , 2011 , 58, 2696-7	15.1	68
120	Effects of red blood cell transfusions on exercise tolerance and rehabilitation time after cardiac surgery. <i>Transfusion and Apheresis Science</i> , 2011 , 45, 299-303	2.4	3
119	O2 delivery and CO2 production during cardiopulmonary bypass as determinants of acute kidney injury: time for a goal-directed perfusion management?. <i>Critical Care</i> , 2011 , 15, R192	10.8	122

118	Bivalirudin-based versus conventional heparin anticoagulation for postcardiotomy extracorporeal membrane oxygenation. <i>Critical Care</i> , 2011 , 15, R275	10.8	145
117	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. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2011 , 142, 581-6	1.5	57
116	Comparison of morbidity and mortality in diabetics versus nondiabetics having isolated coronary bypass versus coronary bypass plus valve operations versus isolated valve operations. <i>American Journal of Cardiology</i> , 2011 , 107, 535-9	3	3
115	Multiple electrode whole-blood aggregometry and bleeding in cardiac surgery patients receiving thienopyridines. <i>Annals of Thoracic Surgery</i> , 2011 , 91, 123-9	2.7	183
114	Invited commentary. <i>Annals of Thoracic Surgery</i> , 2011 , 91, 1118-9	2.7	1
113	Tracheostomy after cardiac operations: in-hospital and long-term survival. <i>Annals of Thoracic Surgery</i> , 2011 , 92, 528-33	2.7	13
112	Postoperative anemia and exercise tolerance after cardiac operations in patients without transfusion: what hemoglobin level is acceptable?. <i>Annals of Thoracic Surgery</i> , 2011 , 92, 25-31	2.7	20
111	Transfusions during cardiopulmonary bypass: better when triggered by venous oxygen saturation and oxygen extraction rate. <i>Perfusion (United Kingdom)</i> , 2011 , 26, 327-33	1.9	13
110	Letter by Ranucci et al regarding article, "Comparison between transcatheter and surgical prosthetic valve implantation in patients with severe aortic stenosis and reduced left ventricular ejection fraction". <i>Circulation</i> , 2011 , 124, e205; author reply e207-8	16.7	2
109	Functional tricuspid valve regurgitation in adults with congenital heart disease: an emerging problem. <i>Journal of Heart Valve Disease</i> , 2011 , 20, 565-70		19
108	Perioperative heart failure in coronary surgery and timing of intra-aortic balloon pump insertion. <i>Acta Anaesthesiologica Scandinavica</i> , 2010 , 54, 878-84	1.9	15
107	Intensive care unit admission parameters improve the accuracy of operative mortality predictive models in cardiac surgery. <i>PLoS ONE</i> , 2010 , 5, e13551	3.7	16
106	Accuracy, calibration and clinical performance of the EuroSCORE: can we reduce the number of variables?. <i>European Journal of Cardio-thoracic Surgery</i> , 2010 , 37, 724-9	3	19
105	Surgical and transcatheter aortic valve procedures. The limits of risk scores. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2010 , 11, 138-41	1.8	23
104	Recommendations for reporting perioperative transoesophageal echo studies. <i>European Journal of Echocardiography</i> , 2010 , 11, 387-93		21
103	Risk stratification in cardiac surgery. <i>Seminars in Cardiothoracic and Vascular Anesthesia</i> , 2010 , 14, 66-7	1.4	5
102	Central venous oxygen saturation and blood lactate levels during cardiopulmonary bypass are associated with outcome after pediatric cardiac surgery. <i>Critical Care</i> , 2010 , 14, R149	10.8	48
101	J wave, QRS slurring, and ST elevation in athletes with cardiac arrest in the absence of heart disease: marker of risk or innocent bystander?. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2010 , 3, 305-11	6.4	75

100	Hematocrit on cardiopulmonary bypass and outcome after coronary surgery in nontransfused patients. <i>Annals of Thoracic Surgery</i> , 2010 , 89, 11-7	2.7	73
99	Invited commentary. <i>Annals of Thoracic Surgery</i> , 2010 , 89, 503-4	2.7	
98	Clinical review: practical recommendations on the management of perioperative heart failure in cardiac surgery. <i>Critical Care</i> , 2010 , 14, 201	10.8	124
97	Effects of surgical ventricular reconstruction on diastolic function at midterm follow-up. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2010 , 140, 285-291.e1	1.5	15
96	Contrast media dose, angiography timing, and acute renal failure after coronary operations. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2010 , 140, 942-3; author reply 943-4	1.5	1
95	N-terminal pro-brain natriuretic peptide and outcomes in patients undergoing surgical ventricular restoration. <i>American Journal of Cardiology</i> , 2010 , 105, 640-4	3	3
94	Neoaortic valve and root complex evolution after Ross operation in infants, children, and adolescents. <i>Annals of Thoracic Surgery</i> , 2010 , 90, 1278-85	2.7	21
93	Effects of fenoldopam infusion in complex cardiac surgical operations: a prospective, randomized, double-blind, placebo-controlled study. <i>Minerva Anestesiologica</i> , 2010 , 76, 249-59	1.9	31
92	Risk of assessing mortality risk in elective cardiac operations: age, creatinine, ejection fraction, and the law of parsimony. <i>Circulation</i> , 2009 , 119, 3053-61	16.7	251
91	The role of surgical technique in determining the outcome of left ventricular reconstruction: a difficult assessment. <i>European Journal of Cardio-thoracic Surgery</i> , 2009 , 35, 1111; author reply 1111-2	3	1
90	An adjusted EuroSCORE model for high-risk cardiac patients. <i>European Journal of Cardio-thoracic Surgery</i> , 2009 , 36, 791-7	3	20
89	Italian hospital mortality risk model vs additive and logistic EuroSCORE in coronary operations. <i>European Journal of Cardio-thoracic Surgery</i> , 2009 , 35, 379-80; author reply 380-1	3	1
88	Living without aprotinin: the results of a 5-year blood saving program in cardiac surgery. <i>Acta Anaesthesiologica Scandinavica</i> , 2009 , 53, 573-80	1.9	9
87	Hypothermic cardiopulmonary bypass as a determinant of late thrombocytopenia following cardiac operations in pediatric patients. <i>Acta Anaesthesiologica Scandinavica</i> , 2009 , 53, 1060-7	1.9	6
86	Predicting transfusions in cardiac surgery: the easier, the better: the Transfusion Risk and Clinical Knowledge score. <i>Vox Sanguinis</i> , 2009 , 96, 324-32	3.1	59
85	Duration of red blood cell storage and outcomes in pediatric cardiac surgery: an association found for pump prime blood. <i>Critical Care</i> , 2009 , 13, R207	10.8	58
84	Minimal extracorporeal circulation: the real impact on postoperative outcome. <i>Annals of Thoracic Surgery</i> , 2009 , 87, 352-3; author reply 353	2.7	5
83	A systematic review of biocompatible cardiopulmonary bypass circuits and clinical outcome. <i>Annals of Thoracic Surgery</i> , 2009 , 87, 1311-9	2.7	67

82	Morbidity and mortality risk factors in adults with congenital heart disease undergoing cardiac reoperations. <i>Annals of Thoracic Surgery</i> , 2009 , 88, 1284-9	2.7	75
81	Diabetes mellitus and long-term outcome in heart failure patients after surgical ventricular restoration. <i>Annals of Thoracic Surgery</i> , 2009 , 88, 1451-6	2.7	3
80	Case 5--2009: severe lactic acidosis during cardiac surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2009 , 23, 711-9	2.1	4
79	Management of mini-cardiopulmonary bypass devices: is it worth the energy?. <i>Current Opinion in Anaesthesiology</i> , 2009 , 22, 78-83	2.9	11
78	Pre-operative homocysteine levels and morbidity and mortality following cardiac surgery. <i>European Heart Journal</i> , 2009 , 30, 995-1004	9.5	12
77	Fluid responsiveness and right ventricular function in cardiac surgical patients. A multicenter study. <i>HSR Proceedings in Intensive Care & Cardiovascular Anesthesia</i> , 2009 , 1, 21-9		7
76	Near-infrared spectroscopy correlates with continuous superior vena cava oxygen saturation in pediatric cardiac surgery patients. <i>Paediatric Anaesthesia</i> , 2008 , 18, 1163-9	1.8	48
75	Influence of the timing of cardiac catheterization and the amount of contrast media on acute renal failure after cardiac surgery. <i>American Journal of Cardiology</i> , 2008 , 101, 1112-8	3	86
74	Ventricular assist device implantation and the risk for heparin-induced thrombocytopenia. <i>Annals of Thoracic Surgery</i> , 2008 , 85, 360-1; author reply 361	2.7	4
73	Body size, gender, and transfusions as determinants of outcome after coronary operations. <i>Annals of Thoracic Surgery</i> , 2008 , 85, 481-6	2.7	64
72	Invited commentary. <i>Annals of Thoracic Surgery</i> , 2008 , 85, 617	2.7	
71	The Ross procedure in adults: long-term follow-up and echocardiographic changes leading to pulmonary autograft reoperation. <i>Annals of Thoracic Surgery</i> , 2008 , 86, 482-9	2.7	19
70	Surgical reexploration after cardiac operations: why a worse outcome?. <i>Annals of Thoracic Surgery</i> , 2008 , 86, 1557-62	2.7	605
69	Impact of surgical ventricular restoration on diastolic function: implications of shape and residual ventricular size. <i>Annals of Thoracic Surgery</i> , 2008 , 86, 1849-54	2.7	38
68	Fenoldopam reduces the need for renal replacement therapy and in-hospital death in cardiovascular surgery: a meta-analysis. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2008 , 22, 27-33 ¹		129
67	Concomitant pulmonary hypertension and vasoplegia syndrome after heart transplant: a challenging picture. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2008 , 22, 868-71	2.1	3
66	Continuous monitoring of central venous oxygen saturation (Pediasat) in pediatric patients undergoing cardiac surgery: a validation study of a new technology. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2008 , 22, 847-52	2.1	19
65	Clinical impact of heparin-bonded circuits: when a meta-analysis does not clear out the clouds. <i>European Journal of Cardio-thoracic Surgery</i> , 2008 , 34, 703-4; author reply 704-5	3	1

64	Efficacy and safety of recombinant activated factor vii in major surgical procedures: systematic review and meta-analysis of randomized clinical trials. <i>Archives of Surgery</i> , 2008 , 143, 296-304; discussion 304		57
63	Desmopressin reduces transfusion needs after surgery: a meta-analysis of randomized clinical trials. <i>Anesthesiology</i> , 2008 , 109, 1063-76	4.3	111
62	Hyperhomocysteinemia, antithrombin consumption, and early venous graft closure in surgical coronary revascularization. <i>Minerva Anestesiologica</i> , 2008 , 74, 439-42	1.9	
61	Minimally invasive cardiopulmonary bypass: does it really change the outcome?. <i>Critical Care</i> , 2007 , 11, R45	10.8	24
60	Purified antithrombin supplementation in coronary revascularisation operations. <i>European Journal of Anaesthesiology</i> , 2007 , 24, 71	2.3	35
59	Recombinant activated factor VII in cardiac surgery. <i>European Journal of Anaesthesiology</i> , 2007 , 24, 83	2.3	0
58	Surgical therapy for ischemic heart failure: single-center experience with surgical anterior ventricular restoration. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2007 , 134, 433-41	1.5	155
57	Beneficial impact of fenoldopam in critically ill patients with or at risk for acute renal failure: a meta-analysis of randomized clinical trials. <i>American Journal of Kidney Diseases</i> , 2007 , 49, 56-68	7.4	185
56	Perioperative haemostasis and coagulation management in cardiac surgery: a European survey. <i>European Journal of Anaesthesiology</i> , 2007 , 24, 1	2.3	1
55	Purified antithrombin supplementation in coronary revascularisation operations. <i>European Journal of Anaesthesiology</i> , 2007 , 24, 71-76	2.3	3
54	Perioperative haemostasis and coagulation management in cardiac surgery. <i>European Journal of Anaesthesiology</i> , 2007 , 24, 1-13	2.3	2
53	Allogeneic blood transfusions and infections after cardiac surgery. <i>American Heart Journal</i> , 2007 , 153, e21; author reply e23	4.9	3
52	Determinants of early discharge from the intensive care unit after cardiac operations. <i>Annals of Thoracic Surgery</i> , 2007 , 83, 1089-95	2.7	22
51	Platelet mapping and desmopressin reversal of platelet inhibition during emergency carotid endarterectomy. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2007 , 21, 851-4	2.1	37
50	Perioperative renal failure: hypoperfusion during cardiopulmonary bypass?. <i>Seminars in Cardiothoracic and Vascular Anesthesia</i> , 2007 , 11, 265-8	1.4	35
49	Inflammatory abdominal aortic aneurysms. A 20-year experience. <i>Journal of Cardiovascular Surgery</i> , 2007 , 48, 305-8	0.7	1
48	Purified antithrombin supplementation in coronary revascularization operations. <i>European Journal of Anaesthesiology</i> , 2006 , 23, 32-33	2.3	
47	Which cardiac surgical patients can benefit from placement of a pulmonary artery catheter?. <i>Critical Care</i> , 2006 , 10 Suppl 3, S6	10.8	47

46	Hyperlactatemia during cardiopulmonary bypass: determinants and impact on postoperative outcome. <i>Critical Care</i> , 2006 , 10, R167	10.8	127
45	Anaerobic metabolism during cardiopulmonary bypass: predictive value of carbon dioxide derived parameters. <i>Annals of Thoracic Surgery</i> , 2006 , 81, 2189-95	2.7	52
44	Lowest hematocrit on cardiopulmonary bypass impairs the outcome in coronary surgery: An Italian Multicenter Study from the National Cardioanesthesia Database. <i>Texas Heart Institute Journal</i> , 2006 , 33, 300-5	0.8	38
43	The endothelial function in cardiac surgery. <i>Minerva Anestesiologica</i> , 2006 , 72, 503-6	1.9	3
42	Oxygen delivery during cardiopulmonary bypass and acute renal failure after coronary operations. <i>Annals of Thoracic Surgery</i> , 2005 , 80, 2213-20	2.7	245
41	Postoperative antithrombin levels and outcome in cardiac operations. <i>Critical Care Medicine</i> , 2005 , 33, 355-60	1.4	78
40	Low oxygen delivery during cardiopulmonary bypass and postoperative acute renal failure in coronary operations. <i>European Journal of Anaesthesiology</i> , 2005 , 22, 32	2.3	
39	Inhaled nitric oxide therapy in adults: European expert recommendations. <i>Intensive Care Medicine</i> , 2005 , 31, 1029-41	14.5	76
38	Reduced systemic heparin dose with phosphorylcholine coated closed circuit in coronary operations. <i>International Journal of Artificial Organs</i> , 2004 , 27, 311-9	1.9	28
37	Determinants of antithrombin consumption in cardiac operations requiring cardiopulmonary bypass. <i>Perfusion (United Kingdom)</i> , 2004 , 19, 47-52	1.9	23
36	Acute renal injury and lowest hematocrit during cardiopulmonary bypass: not only a matter of cellular hypoxemia. <i>Annals of Thoracic Surgery</i> , 2004 , 78, 1880-1; author reply 1881-2	2.7	10
35	Fenoldopam prophylaxis of postoperative acute renal failure in high-risk cardiac surgery patients. <i>Annals of Thoracic Surgery</i> , 2004 , 78, 1332-7; discussion 1337-8	2.7	86
34	Gabexate mesilate and heparin responsiveness in coronary patients. <i>Medical Science Monitor</i> , 2004 , 10, PI40-3	3.2	1
33	Impact of oligon central venous catheters on catheter colonization and catheter-related bloodstream infection. <i>Critical Care Medicine</i> , 2003 , 31, 52-9	1.4	80
32	Moderate ischemic mitral regurgitation and coronary artery bypass surgery: effect of mitral repair on clinical outcome. <i>Journal of Heart Valve Disease</i> , 2003 , 12, 272-9		24
31	Closed, phosphorylcholine-coated circuit and reduction of systemic heparinization for cardiopulmonary bypass: the intraoperative ECMO concept. <i>International Journal of Artificial Organs</i> , 2002 , 25, 875-81	1.9	31
30	Ischemic mitral regurgitation: intraventricular papillary muscle imbrication without mitral ring during left ventricular restoration. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2002 , 123, 1041-50	1.5	147
29	Different patterns of heparin resistance: therapeutic implications. <i>Perfusion (United Kingdom)</i> , 2002 , 17, 199-204	1.9	60

28	The antithrombin III-saving effect of reduced systemic heparinization and heparin-coated circuits. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2002 , 16, 316-20	2.1	23
27	Angioplasty in severe heart attack. Anesthesia and general management. <i>Minerva Anestesiologica</i> , 2002 , 68, 192-5	1.9	
26	Antithrombin III. Key factor in extracorporeal circulation. <i>Minerva Anestesiologica</i> , 2002 , 68, 454-7	1.9	11
25	Risk factors for fatal myocardial infarction after coronary bypass graft surgery. <i>European Journal of Anaesthesiology</i> , 2001 , 18, 322-9	2.3	6
24	Risk factors for fatal myocardial infarction after coronary bypass graft surgery. <i>European Journal of Anaesthesiology</i> , 2001 , 18, 322-329	2.3	13
23	Trillium[Biopassive Surface: A New Biocompatible Treatment for Extracorporeal Circulation Circuits. <i>International Journal of Artificial Organs</i> , 2000 , 23, 319-324	1.9	8
22	Trillium biopassive surface: a new biocompatible treatment for extracorporeal circulation circuits. <i>International Journal of Artificial Organs</i> , 2000 , 23, 319-24	1.9	1
21	Gabexate mesilate and antithrombin III for intraoperative anticoagulation in heparin pretreated patients. <i>Perfusion (United Kingdom)</i> , 1999 , 14, 357-62	1.9	6
20	Diabetes and complications after cardiac surgery: comparison with a non-diabetic population. <i>Acta Diabetologica</i> , 1999 , 36, 77-84	3.9	47
19	Predictors for heparin resistance in patients undergoing coronary artery bypass grafting. <i>Perfusion (United Kingdom)</i> , 1999 , 14, 437-42	1.9	83
18	Obesity and coronary artery surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 1999 , 13, 280-4	2.1	24
17	Heparin-coated circuits for high-risk patients: a multicenter, prospective, randomized trial. <i>Annals of Thoracic Surgery</i> , 1999 , 67, 994-1000	2.7	64
16	Postoperative analgesia for early extubation after cardiac surgery. A prospective, randomized trial. <i>Minerva Anestesiologica</i> , 1999 , 65, 859-65	1.9	15
15	Clinical evaluation of Duraflo II heparin treated extracorporeal circulation circuits (2nd version). The European Working Group on heparin coated extracorporeal circulation circuits. <i>European Journal of Cardio-thoracic Surgery</i> , 1997 , 11, 616-23; discussion 624-5	3	43
14	Normothermic perfusion and lung function after cardiopulmonary bypass: effects in pulmonary risk patients. <i>Perfusion (United Kingdom)</i> , 1997 , 12, 309-15	1.9	22
13	Antithrombin III, leukocyte activation, and low systemic heparinization. <i>Annals of Thoracic Surgery</i> , 1997 , 63, 1211-2	2.7	
12	Correction of atrioventricular septal defects. <i>Annals of Thoracic Surgery</i> , 1997 , 63, 1220-1	2.7	
11	Beneficial effects of Duraflo II heparin-coated circuits on postperfusion lung dysfunction. <i>Annals of Thoracic Surgery</i> , 1996 , 61, 76-81	2.7	56

10	Risk factors for renal dysfunction after coronary surgery: the role of cardiopulmonary bypass technique. <i>Perfusion (United Kingdom)</i> , 1994 , 9, 319-26	1.9	82
9	A guideline nomogram to control intraoperative haemodilution in cardiac surgery. <i>Perfusion (United Kingdom)</i> , 1994 , 9, 65-9	1.9	2
8	Renal dysfunction following cardiopulmonary bypass: A multivariate analysis. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 1994 , 8, 71	2.1	
7	Heparin-coated materials limit the shear stress-induced leukocytosis after cardiopulmonary bypass. <i>Annals of Thoracic Surgery</i> , 1994 , 58, 1790-2	2.7	3
6	Complement activation during cardiopulmonary bypass: Evidence for a different response ifgduced by various priming solutions. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 1994 , 8, 30	2.1	2
5	High - dose steroids during cardiopulmonary bypass : Comparison between two therapeutic approaches. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 1994 , 8, 134	2.1	2
4	Renal effects of low dose aprotinin in pediatric cardiac surgery. <i>Minerva Anestesiologica</i> , 1994 , 60, 361-61.9	1.9	7
3	Autologous fresh whole blood added to crystalloid priming improves the biocompatibility of the extracorporeal circulation (ECC) system. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 1992 , 6, 102	2.1	1
2	Introduction: indications, training, and accreditation in transesophageal echocardiography3-12		
1	Hemodynamic assessment205-222		