

Hilary Grocott

List of Publications by Year in Descending Order

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Version: 2024-04-23

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

142
papers

5,530
citations

27
h-index

73
g-index

174
ext. papers

6,447
ext. citations

4.3
avg, IF

5.6
L-index

#	Paper	IF	Citations
142	Morbidity and mortality in patients managed with high compared with low blood pressure targets during on-pump cardiac surgery: a systematic review and meta-analysis of randomized controlled trials.. <i>Canadian Journal of Anaesthesia</i> , 2022 , 69, 374	3	2
141	Constellation of Stroke, Pulmonary Embolism, and Platypnea-Orthodeoxia Syndrome: The Elusive Patent Foramen Ovale. <i>JACC: Cardiovascular Interventions</i> , 2021 , 14, e165-e167	5	
140	Aberrant right subclavian artery: an impediment to transesophageal echocardiography. <i>Canadian Journal of Anaesthesia</i> , 2021 , 68, 423-424	3	0
139	Systematic review and consensus definitions for the Standardized Endpoints in Perioperative Medicine (StEP) initiative: cardiovascular outcomes. <i>British Journal of Anaesthesia</i> , 2021 , 126, 56-66	5.4	10
138	Oxygen Management During Cardiopulmonary Bypass: A Single-Center, 8-Year Retrospective Cohort Study. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021 , 35, 100-105	2.1	0
137	Rational choices for chest wall interfascial plane blocks in cardiac surgery: where should we focus our research efforts?. <i>Anaesthesia</i> , 2021 , 76, 423-424	6.6	1
136	Commentary: Early success of mitochondrial-based biologic therapy for experimental aortic surgery-related spinal cord injury. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 , 161, e349-e350	1.5	
135	Retained Intracardiac Bullet Fragment: Is It a Missile Embolism or Simply a Gunshot Wound to the Heart?. <i>A&A Practice</i> , 2021 , 15, e01381	0.8	1
134	Postcardiac Surgery Acute Stroke Therapies: A Systematic Review. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2020 , 34, 2349-2354	2.1	2
133	The effect of restrictive versus liberal transfusion strategies on longer-term outcomes after cardiac surgery: a systematic review and meta-analysis with trial sequential analysis. <i>Canadian Journal of Anaesthesia</i> , 2020 , 67, 577-587	3	4
132	Glucose Variability and Adverse Outcomes: Mechanistic Link or Just Epiphenomenon?. <i>Annals of Thoracic Surgery</i> , 2020 , 110, 342	2.7	1
131	Personal protective equipment (PPE) for both anesthesiologists and other airway managers: principles and practice during the COVID-19 pandemic. <i>Canadian Journal of Anaesthesia</i> , 2020 , 67, 1005-1015	3	92
130	Transversus Abdominis Plane Block: Comment. <i>Anesthesiology</i> , 2020 , 132, 1598-1599	4.3	2
129	Is a Trial of Perioperative Cognitive Training to Prevent Early Postoperative Cognitive Decline Actually Feasible?. <i>Anesthesia and Analgesia</i> , 2020 , 131, e75-e77	3.9	1
128	Erector Spinae Plane Block for Postoperative Analgesia: A Magic Bullet Too Good to Be True, or Is It Just Too Soon to Tell?. <i>Anesthesia and Analgesia</i> , 2020 , 130, e29	3.9	10
127	American Society for Enhanced Recovery and Perioperative Quality Initiative Joint Consensus Statement on the Role of Neuromonitoring in Perioperative Outcomes: Cerebral Near-Infrared Spectroscopy. <i>Anesthesia and Analgesia</i> , 2020 , 131, 1444-1455	3.9	18
126	Fibrinogen Concentrate Compared to Cryoprecipitate to Reduce Transfusion in Infants Undergoing Cardiac Surgery: How Confident Can We Be?. <i>Anesthesia and Analgesia</i> , 2020 , 131, e83-e84	3.9	1

125	In reply: Personal protective equipment during the COVID-19 pandemic (Letters #1 and #2). <i>Canadian Journal of Anaesthesia</i> , 2020 , 67, 1651-1652	3	9
124	Rapid large-volume fluid administration through a multi-lumen central venous catheter: a simple modification. <i>Canadian Journal of Anaesthesia</i> , 2020 , 67, 493-494	3	
123	Commentary: Optimizing cerebral oxygenation in cardiac surgery: Neurocognitive and perioperative outcomes. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 , 159, 956-957	1.5	2
122	Commentary: Can ultrasound contribute to our understanding of postoperative delirium?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 ,	1.5	
121	Three-dimensional echocardiography to confirm persistent intracardiac air bubbles after mitral valve surgery. <i>Anaesthesia Reports</i> , 2020 , 8, 20-21	0.6	0
120	Lung isolation for emergent thoracotomy in the bleeding airway patient: the choice of bronchial blocker may make a difference. <i>Brazilian Journal of Anesthesiology (Elsevier)</i> , 2019 , 69, 113	0.2	
119	Additional concerns for the scavenging of anesthetic agents used for ICU sedation. <i>Journal of Clinical Monitoring and Computing</i> , 2019 , 33, 741	2	
118	Can the interchangeability of somatic oximeters in cardiac surgery inform cerebral applications?. <i>Journal of Clinical Monitoring and Computing</i> , 2019 , 33, 543-544	2	
117	A Concerning Finding in the Aortic Root of a Patient on Venoarterial Extracorporeal Membrane Oxygenation. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2019 , 33, 3517-3518	2.1	
116	Hyperoxia, Cardiac Surgery, and the Wolf: Sheep@ Clothing, or Just Sheepish?. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2019 , 33, 2884-2885	2.1	1
115	Optimizing confidence in systematic reviews through registration and bias minimization. <i>European Heart Journal</i> , 2019 , 40, 2268	9.5	3
114	Effect of Fibrinogen Concentrate vs Cryoprecipitate on Blood Component Transfusion After Cardiac Surgery: The FIBRES Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2019 , 322, 1966-1976	27.4	52
113	Lumbar Cerebrospinal Fluid Drains for Thoracic Endovascular Aneurysm Repair: Common Practice or Standard of Care?. <i>Anesthesiology</i> , 2019 , 130, 352	4.3	1
112	Cerebral oximetry monitoring. To guide physiology, avert catastrophe or both?. <i>European Journal of Anaesthesiology</i> , 2019 , 36, 82-83	2.3	4
111	Phenoxybenzamine Is Unlikely to Be the Intraoperative Antihypertensive of Choice in Pheochromocytoma. <i>Annals of Thoracic Surgery</i> , 2019 , 107, 688-689	2.7	
110	Pro: Hyperoxia Should Be Used During Cardiac Surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2019 , 33, 2070-2074	2.1	5
109	Association of earlier extubation and postoperative delirium after coronary artery bypass grafting. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 ,	1.5	4
108	The Accuracy of Perioperative Noninvasive Blood Pressure Monitoring in Obese Patients. <i>Anesthesia and Analgesia</i> , 2018 , 127, e46	3.9	1

107	Anesthetic Agents and Postoperative Delirium after Off-pump Coronary Bypass Graft Surgery: An Insufficiently Complex Approach to a Complex Problem. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2018 , 32, e87-e88	2.1	
106	Emergence delirium and intranasal dexmedetomidine: The importance of method, dosing, and timing of administration. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2018 , 112, 210	1.7	
105	Nuances of the cervical interfascial plane and multifidus cervicis plane blocks: Balancing efficacy and risk as a function of technique. <i>Journal of Clinical Anesthesia</i> , 2018 , 44, 82-83	1.9	2
104	Using the Ventrain With a Small-Bore Catheter: Ventilation or Just Oxygenation?. <i>Anesthesia and Analgesia</i> , 2018 , 126, 1426-1427	3.9	1
103	Phenylephrine and paradoxically increased muscle tissue oxygenation: is the mechanism related to local vasoconstriction or augmented venous return?. <i>Journal of Clinical Monitoring and Computing</i> , 2018 , 32, 1143	2	2
102	Avoidance of Hyperoxemia during Cardiopulmonary Bypass: Why Does Pathophysiology Not Always Translate into Clinical Outcome?. <i>Anesthesiology</i> , 2018 , 128, 419	4.3	0
101	Transfusion Requirements in Cardiac Surgery III (TRICS III): Study Design of a Randomized Controlled Trial. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2018 , 32, 121-129	2.1	15
100	Evaluation of cefazolin antimicrobial prophylaxis during cardiac surgery with cardiopulmonary bypass. <i>Journal of Antimicrobial Chemotherapy</i> , 2018 , 73, 768-771	5.1	8
99	The impact of hyperoxia on outcomes after cardiac surgery: a systematic review and narrative synthesis. <i>Canadian Journal of Anaesthesia</i> , 2018 , 65, 923-935	3	22
98	Letter by Grocott Regarding Article, "Sodium Glucose Cotransporter-2 Inhibition in Heart Failure: Potential Mechanisms, Clinical Applications, and Summary of Clinical Trials". <i>Circulation</i> , 2018 , 137, 1983 ^{16.7}		
97	Does an Iatrogenic Immunocompromised State Contribute to Healthcare-Associated Mycobacterium chimaera Infection From Heater-Cooler Devices?. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2018 , 32, e69	2.1	1
96	Clarity needed as to the optimal dose and volume of local anesthetic for erector spinae plane blockade for posterior rib fractures. <i>American Journal of Emergency Medicine</i> , 2018 , 36, 1102-1103	2.9	11
95	Optimizing Lung Collapse With a Bronchial Blocker: It's Not What You Use, but How You Use It. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2018 , 32, e93-e94	2.1	4
94	Interpreting meta-analysis of ultrasound-guided vs palpation methods for radial artery cannulation may not fully capture differences in technique optimization. <i>Journal of Clinical Anesthesia</i> , 2018 , 51, 57	1.9	1
93	Waste anesthetic gas exposure: the risks extend outside the operating room. <i>Brazilian Journal of Anesthesiology (Elsevier)</i> , 2018 , 68, 430	0.2	
92	Six-Month Outcomes after Restrictive or Liberal Transfusion for Cardiac Surgery. <i>New England Journal of Medicine</i> , 2018 , 379, 1224-1233	59.2	123
91	Nontuberculous Mycobacterium Infection From Heater-Cooler Devices: Potential Impact of Steroid Use. <i>Annals of Thoracic Surgery</i> , 2018 , 105, 1865	2.7	
90	Propofol sedation improves efficiency and optimizes patient satisfaction during colonoscopy. <i>Cmaj</i> , 2018 , 190, E751	3.5	2

89	The link between pulmonary hypertension and adverse renal transplant outcome may be renal venous hypertension. <i>Indian Journal of Anaesthesia</i> , 2018 , 62, 324	1.5	
88	Burnout: Yes, it's a health problem, but is the solution partly linked to professionalism?. <i>Journal of Clinical Anesthesia</i> , 2018 , 45, 1	1.9	0
87	Evidence Base Surrounding Bronchial Blocker Use Continues to Evolve. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2018 , 32, e14-e15	2.1	
86	Bronchial Blocker Use in the Difficult Airway Patient Requiring Lung Isolation: Clarification as to What Blockers Are Actually Available. <i>Anesthesia and Analgesia</i> , 2018 , 127, e107	3.9	0
85	Point-of-care viscoelastic hemostatic testing in cardiac surgery patients: a systematic review and meta-analysis. <i>Canadian Journal of Anaesthesia</i> , 2018 , 65, 1333-1347	3	24
84	Antimicrobial Prophylaxis for Patients Undergoing Cardiac Surgery: Intraoperative Cefazolin Concentrations and Sternal Wound Infections. <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62,	5.9	8
83	Addressing burnout in anaesthetic trainees. <i>Anaesthesia and Intensive Care</i> , 2018 , 46, 341	1.1	
82	Cerebral oxygenation and vascular resistance changes during cardiopulmonary bypass - where is the proof?. <i>Anaesthesia</i> , 2017 , 72, 663-664	6.6	
81	Updating the Update: The Final Word on Milrinone and Mortality After Cardiac Surgery?. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2017 , 31, e95-e96	2.1	
80	Definitive Airway Management in the Presence of a Laryngeal Tube Supraglottic Airway: "There's More Than One Way to Skin a Cat". <i>A & A Case Reports</i> , 2017 , 9, 274		
79	Brain Tissue Oximetry: What Are We Really Measuring?. <i>Anesthesia and Analgesia</i> , 2017 , 124, 2091-2092	3.9	1
78	Intraoperative ketamine for prevention of postoperative delirium or pain after major surgery in older adults: an international, multicentre, double-blind, randomised clinical trial. <i>Lancet, The</i> , 2017 , 390, 267-275	4.0	213
77	Letter by Grocott Regarding Article, "Evolution of Cognitive Function After Transcatheter Aortic Valve Implantation". <i>Circulation: Cardiovascular Interventions</i> , 2017 , 10, e004829	6	
76	Difficult airway research options and ethical consensus. <i>Anaesthesia</i> , 2017 , 72, 541-542	6.6	1
75	Understanding the Significance of Aerosolized Vasodilator Use in Pulmonary Hypertension: What Is Numerically, Statistically, and Clinically Meaningful?. <i>Anesthesia and Analgesia</i> , 2017 , 125, 2167	3.9	2
74	Current Status of Neuromuscular Reversal and Monitoring: Posttetanic Neuromonitoring and Other Considerations. <i>Anesthesiology</i> , 2017 , 127, 723-724	4.3	0
73	Irony and the Elephant in the Review. <i>Anesthesia and Analgesia</i> , 2017 , 124, 1736-1737	3.9	2
72	Postoperative Cognitive Dysfunction and Low Regional Cerebral Oxygen Saturation: Is This Relationship Fragile or Fractured Altogether?. <i>Anesthesia and Analgesia</i> , 2017 , 124, 697-698	3.9	

71	As the Pendulum Swings from the Needle to the Scalpel, the Evolution of Emergency Airway Management Will Continue. <i>Anesthesiology</i> , 2017 , 126, 355-356	4.3	1
70	The Subtleties of Language as a Reason for Failure to Follow Preoperative Fasting Guidelines: The Differences Between Restricting, Allowing, and Encouraging. <i>Anesthesia and Analgesia</i> , 2017 , 125, 1420-1421	3.9	2
69	Assessing the Utility of Fluoroscopy for Epidural Catheter Placement: What End Points Are Important?. <i>Anesthesia and Analgesia</i> , 2017 , 125, 1823	3.9	1
68	Restrictive or Liberal Red-Cell Transfusion for Cardiac Surgery. <i>New England Journal of Medicine</i> , 2017 , 377, 2133-2144	59.2	338
67	A Limitation of Intensive Care Unit Sedation Using Volatile Anesthetics. <i>Anesthesia and Analgesia</i> , 2017 , 125, 1819	3.9	1
66	Transesophageal Echocardiography Complications in Adult Cardiac Surgery: A Retrospective Cohort Study. <i>Annals of Thoracic Surgery</i> , 2017 , 103, 795-802	2.7	32
65	The second report of bilateral hand transplantation in a child. <i>The Lancet Child and Adolescent Health</i> , 2017 , 1, e3	14.5	
64	The limitations of using baseline cerebral tissue oxygen saturation to stratify perioperative risk. <i>Anaesthesia and Intensive Care</i> , 2017 , 45, 525	1.1	
63	External carotid compression: a novel technique to improve cerebral perfusion during selective antegrade cerebral perfusion for aortic arch surgery. <i>Canadian Journal of Anaesthesia</i> , 2016 , 63, 1179-83 ³		5
62	Optimal Placement of Cerebral Oximeter Monitors to Avoid the Frontal Sinus as Determined by Computed Tomography. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2016 , 30, 127-33	2.1	15
61	Near infrared spectroscopy for frontal lobe oxygenation during non-vascular abdominal surgery. <i>Clinical Physiology and Functional Imaging</i> , 2016 , 36, 427-435	2.4	13
60	Protocol for the PREHAB study-Pre-operative Rehabilitation for reduction of Hospitalization After coronary Bypass and valvular surgery: a randomised controlled trial. <i>BMJ Open</i> , 2015 , 5, e007250	3	69
59	CASE 52015: Early Detection and Treatment of an Air Embolism During Cardiac Surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2015 , 29, 791-6	2.1	5
58	Recurrent Seizures Following Cardiac Surgery: Risk Factors and Outcomes in a Historical Cohort Study. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2015 , 29, 1206-11	2.1	7
57	Invited Commentary. <i>Annals of Thoracic Surgery</i> , 2015 , 100, 1358-9	2.7	
56	The accuracy of a near-infrared spectroscopy cerebral oximetry device and its potential value for estimating jugular venous oxygen saturation. <i>Anesthesia and Analgesia</i> , 2014 , 119, 1381-92	3.9	51
55	Ventilatory strategy during liver transplantation: implications for near-infrared spectroscopy-determined frontal lobe oxygenation. <i>Frontiers in Physiology</i> , 2014 , 5, 321	4.6	7
54	Cerebral oximetry and thoracic surgery. <i>Current Opinion in Anaesthesiology</i> , 2014 , 27, 21-7	2.9	13

53	From the Journal archives: Airway closure and lung volumes in surgical positions. <i>Canadian Journal of Anaesthesia</i> , 2014 , 61, 383-6	3	
52	Cerebral oxygen desaturation during one-lung ventilation: correlation with hemodynamic variables. <i>Canadian Journal of Anaesthesia</i> , 2013 , 60, 660-6	3	14
51	What to do when your brain turns blue? Considerations during aortic arch surgery. <i>Seminars in Cardiothoracic and Vascular Anesthesia</i> , 2013 , 17, 224-30	1.4	
50	Effect of intensive care unit environment on in-hospital delirium after cardiac surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013 , 146, 172-8	1.5	62
49	Future uncertainties in the development of clinical cerebral oximetry. <i>Frontiers in Physiology</i> , 2013 , 4, 360	4.6	3
48	Con: topical head cooling should not be used during deep hypothermic circulatory arrest. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2012 , 26, 337-9	2.1	7
47	Impact of extracranial contamination on regional cerebral oxygen saturation: a comparison of three cerebral oximetry technologies. <i>Anesthesiology</i> , 2012 , 116, 834-40	4.3	284
46	Avoid hypotension and hypoxia: an old anesthetic adage with renewed relevance from cerebral oximetry monitoring. <i>Canadian Journal of Anaesthesia</i> , 2011 , 58, 697-702	3	17
45	Anesthesia and the patient with pericardial disease. <i>Canadian Journal of Anaesthesia</i> , 2011 , 58, 952-66	3	21
44	Cerebral monitoring to optimize outcomes after cardiac surgery. <i>Current Opinion in Anaesthesiology</i> , 2010 , 23, 89-94	2.9	45
43	Monitoring of brain function in anesthesia and intensive care. <i>Current Opinion in Anaesthesiology</i> , 2010 , 23, 759-64	2.9	15
42	Lumbar cerebrospinal fluid drainage for thoracoabdominal aortic surgery: rationale and practical considerations for management. <i>Anesthesia and Analgesia</i> , 2010 , 111, 46-58	3.9	105
41	Aortic atheroma and adverse cerebral outcome: risk, diagnosis, and management options. <i>Seminars in Cardiothoracic and Vascular Anesthesia</i> , 2010 , 14, 86-94	1.4	5
40	Invited commentary: be prepared to change your mind. <i>Journal of Extra-Corporeal Technology</i> , 2009 , 41, 87-8	0.4	0
39	Invited commentary. <i>Annals of Thoracic Surgery</i> , 2008 , 85, 879	2.7	
38	Oxygen toxicity during one-lung ventilation: is it time to re-evaluate our practice?. <i>Anesthesiology Clinics</i> , 2008 , 26, 273-80, v	2.3	9
37	Neuroprotection during cardiac surgery. <i>Expert Review of Cardiovascular Therapy</i> , 2008 , 6, 503-20	2.5	18
36	Perioperative glycemic control and postoperative cognitive dysfunction: an expression of caution. <i>Canadian Journal of Anaesthesia</i> , 2008 , 55, 559-60; author reply 560	3	2

35	Taking the lead in research into postoperative cognitive dysfunction. <i>Anesthesiology</i> , 2008 , 108, 1-2	4.3	24
34	Genetic variants in P-selectin and C-reactive protein influence susceptibility to cognitive decline after cardiac surgery. <i>Journal of the American College of Cardiology</i> , 2007 , 49, 1934-42	15.1	97
33	Neuroprotection during cardiac surgery. <i>Journal of Anesthesia</i> , 2007 , 21, 367-77	2.2	18
32	The "sandblasting" effect of aortic cannula on arch atheroma during cardiopulmonary bypass. <i>Anesthesia and Analgesia</i> , 2007 , 104, 1350-1	3.9	23
31	Intraoperative hyperglycemia and cognitive decline after CABG. <i>Annals of Thoracic Surgery</i> , 2007 , 84, 1467-73	2.7	91
30	Pharmacologic neuroprotection: the search continues. <i>Journal of Extra-Corporeal Technology</i> , 2007 , 39, 296-301	0.4	3
29	Genetic influences on cerebral outcome after cardiac surgery. <i>Seminars in Cardiothoracic and Vascular Anesthesia</i> , 2006 , 10, 291-6	1.4	4
28	Invited commentary. <i>Annals of Thoracic Surgery</i> , 2006 , 81, 1406-7	2.7	
27	Genetics and outcome after cardiac surgery. <i>Journal of Extra-Corporeal Technology</i> , 2006 , 38, 49-51	0.4	0
26	Glucose and outcome after cardiac surgery: what are the issues?. <i>Journal of Extra-Corporeal Technology</i> , 2006 , 38, 65-7	0.4	1
25	Perioperative temperature and cardiac surgery. <i>Journal of Extra-Corporeal Technology</i> , 2006 , 38, 77-80	0.4	1
24	Genetic polymorphisms and the risk of stroke after cardiac surgery. <i>Stroke</i> , 2005 , 36, 1854-8	6.7	74
23	Cognitive dysfunction after cardiac surgery: revisiting etiology. <i>Seminars in Cardiothoracic and Vascular Anesthesia</i> , 2005 , 9, 123-9	1.4	41
22	The influence of xenon, nitrous oxide and nitrogen on gas bubble expansion during cardiopulmonary bypass. <i>European Journal of Anaesthesiology</i> , 2005 , 22, 353-8	2.3	12
21	"Other" neurologic complications after cardiac surgery. <i>Seminars in Cardiothoracic and Vascular Anesthesia</i> , 2004 , 8, 213-26	1.4	25
20	Aortic atheroma burden and cognitive dysfunction after coronary artery bypass graft surgery. <i>Annals of Thoracic Surgery</i> , 2004 , 78, 1556-62	2.7	47
19	Transcranial Doppler emboli count predicts rise in creatinine after coronary artery bypass graft surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2004 , 18, 548-51	2.1	53
18	A randomized controlled trial of the Arctic Sun Temperature Management System versus conventional methods for preventing hypothermia during off-pump cardiac surgery. <i>Anesthesia and Analgesia</i> , 2004 , 98, 298-302	3.9	36

17	Characterization of Autoantibodies to PF4/Heparin in a Rat Model of Cardiopulmonary Bypass.. <i>Blood</i> , 2004 , 104, 3019-3019	2.2	
16	The neuroprotective effect of xenon administration during transient middle cerebral artery occlusion in mice. <i>Anesthesiology</i> , 2003 , 99, 876-81	4.3	182
15	Xenon attenuates cardiopulmonary bypass-induced neurologic and neurocognitive dysfunction in the rat. <i>Anesthesiology</i> , 2003 , 98, 690-8	4.3	144
14	Neuroprotection in cardiac surgery. <i>Anesthesiology Clinics</i> , 2003 , 21, 487-509, viii		13
13	Lung isolation during port-access cardiac surgery: double-lumen endotracheal tube versus single-lumen endotracheal tube with a bronchial blocker. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2003 , 17, 725-7	2.1	24
12	Cerebral embolization during cardiac surgery: impact of aortic atheroma burden. <i>British Journal of Anaesthesia</i> , 2003 , 91, 656-61	5.4	72
11	Postoperative hyperthermia is associated with cognitive dysfunction after coronary artery bypass graft surgery. <i>Stroke</i> , 2002 , 33, 537-41	6.7	155
10	The rewarming rate and increased peak temperature alter neurocognitive outcome after cardiac surgery. <i>Anesthesia and Analgesia</i> , 2002 , 94, 4-10, table of contents	3.9	193
9	Longitudinal assessment of neurocognitive function after coronary-artery bypass surgery. <i>New England Journal of Medicine</i> , 2001 , 344, 395-402	59.2	1960
8	A new technique for lung isolation in acute thoracic trauma. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2000 , 49, 940-2	9.4	15
7	Central nervous system complications of cardiac surgery. <i>British Journal of Anaesthesia</i> , 2000 , 84, 378-935.4		184
6	Neurologic risk assessment, monitoring and outcome in cardiac surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 1999 , 13, 736-43	2.1	24
5	The effects of aprotinin on outcome from cerebral ischemia in the rat. <i>Anesthesia and Analgesia</i> , 1999 , 88, 1-7	3.9	5
4	Transcranial Doppler blood flow velocity versus ¹³³ Xe clearance cerebral blood flow during mild hypothermic cardiopulmonary bypass. <i>Journal of Clinical Monitoring and Computing</i> , 1998 , 14, 35-9		13
3	Temperature measurement during cardiac surgery. <i>Canadian Journal of Anaesthesia</i> , 1998 , 45, 1133-4	3	1
2	Effects of a synthetic allosteric modifier of hemoglobin oxygen affinity on outcome from global cerebral ischemia in the rat. <i>Stroke</i> , 1998 , 29, 1650-5	6.7	20
1	Endovascular aortic balloon clamp malposition during minimally invasive cardiac surgery: detection by transcranial Doppler monitoring. <i>Anesthesiology</i> , 1998 , 88, 1396-9	4.3	21