

Andr Y Denault

List of Publications by Citations

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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.

240
papers

5,486
citations

42
h-index

63
g-index

257
ext. papers

6,862
ext. citations

2.8
avg, IF

5.68
L-index

#	Paper	IF	Citations
240	A proposed algorithm for the intraoperative use of cerebral near-infrared spectroscopy. <i>Seminars in Cardiothoracic and Vascular Anesthesia</i> , 2007 , 11, 274-81	1.4	224
239	The right ventricle in cardiac surgery, a perioperative perspective: II. Pathophysiology, clinical importance, and management. <i>Anesthesia and Analgesia</i> , 2009 , 108, 422-33	3.9	165
238	Cerebral Oximetry Monitoring to Maintain Normal Cerebral Oxygen Saturation during High-risk Cardiac Surgery: A Randomized Controlled Feasibility Trial. <i>Anesthesiology</i> , 2016 , 124, 826-36	4.3	137
237	The right ventricle in cardiac surgery, a perioperative perspective: I. Anatomy, physiology, and assessment. <i>Anesthesia and Analgesia</i> , 2009 , 108, 407-21	3.9	133
236	The relationship between cerebral oxygen saturation changes and postoperative cognitive dysfunction in elderly patients after coronary artery bypass graft surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2011 , 25, 95-104	2.1	127
235	Diastolic Dysfunction is Predictive of Difficult Weaning from Cardiopulmonary Bypass. <i>Anesthesia and Analgesia</i> , 2001 , 92, 291-298	3.9	111
234	Cerebral near-infrared spectroscopy in adult heart surgery: systematic review of its clinical efficacy. <i>Canadian Journal of Anaesthesia</i> , 2005 , 52, 79-87	3	109
233	Right ventricular myocardial performance index predicts perioperative mortality or circulatory failure in high-risk valvular surgery. <i>Journal of the American Society of Echocardiography</i> , 2007 , 20, 1065-72	5.8	105
232	Inhaled epoprostenol (prostacyclin) and pulmonary hypertension before cardiac surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2003 , 125, 642-9	1.5	95
231	Colchicine for community-treated patients with COVID-19 (COLCORONA): a phase 3, randomised, double-blinded, adaptive, placebo-controlled, multicentre trial. <i>Lancet Respiratory Medicine</i> , 2021 , 9, 924-932	35.1	91
230	Long-Term Effects of Postoperative Delirium in Patients Undergoing Cardiac Operation: A Systematic Review. <i>Annals of Thoracic Surgery</i> , 2016 , 102, 1391-9	2.7	87
229	Characteristics and outcome after hospitalization for acute right heart failure in patients with pulmonary arterial hypertension. <i>Circulation: Heart Failure</i> , 2011 , 4, 692-9	7.6	86
228	Impact of routine use of intraoperative transesophageal echocardiography during cardiac surgery. <i>Canadian Journal of Anaesthesia</i> , 2000 , 47, 20-6	3	86
227	Transfusion rate for 500 consecutive liver transplantations: experience of one liver transplantation center. <i>Transplantation</i> , 2012 , 93, 1276-81	1.8	84
226	Determinants of aortic pressure variation during positive-pressure ventilation in man. <i>Chest</i> , 1999 , 116, 176-86	5.3	83
225	Preliminary experience with inhaled milrinone in cardiac surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2007 , 31, 1081-7	3	76
224	Perioperative use of transesophageal echocardiography by anesthesiologists: impact in noncardiac surgery and in the intensive care unit. <i>Canadian Journal of Anaesthesia</i> , 2002 , 49, 287-93	3	76

223	Perioperative Ultrasound Training in Anesthesiology: A Call to Action. <i>Anesthesia and Analgesia</i> , 2016 , 122, 1794-804	3.9	73
222	The hemodynamically unstable patient in the intensive care unit: hemodynamic vs. transesophageal echocardiographic monitoring. <i>Critical Care Medicine</i> , 2002 , 30, 1214-23	1.4	73
221	Inhaled prostacyclin (PGI ₂) is an effective addition to the treatment of pulmonary hypertension and hypoxia in the operating room and intensive care unit. <i>Canadian Journal of Anaesthesia</i> , 2001 , 48, 924-9	3	70
220	Alterations in Portal Vein Flow and Intrarenal Venous Flow Are Associated With Acute Kidney Injury After Cardiac Surgery: A Prospective Observational Cohort Study. <i>Journal of the American Heart Association</i> , 2018 , 7, e009961	6	67
219	Dynamic right ventricular outflow tract obstruction in cardiac surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2006 , 132, 43-9	1.5	66
218	Pulmonary hypertension in cardiac surgery. <i>Current Cardiology Reviews</i> , 2010 , 6, 1-14	2.4	64
217	Importance of relative pulmonary hypertension in cardiac surgery: the mean systemic-to-pulmonary artery pressure ratio. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2006 , 20, 331-9	2.1	64
216	Quantifying systemic congestion with Point-Of-Care ultrasound: development of the venous excess ultrasound grading system. <i>Ultrasound Journal</i> , 2020 , 12, 16	4.1	63
215	Effects of phlebotomy and phenylephrine infusion on portal venous pressure and systemic hemodynamics during liver transplantation. <i>Transplantation</i> , 2010 , 89, 920-7	1.8	60
214	Mechanisms of hemodynamic changes during off-pump coronary artery bypass surgery. <i>Canadian Journal of Anaesthesia</i> , 2002 , 49, 835-49	3	54
213	A multicentre randomized-controlled trial of inhaled milrinone in high-risk cardiac surgical patients. <i>Canadian Journal of Anaesthesia</i> , 2016 , 63, 1140-53	3	52
212	Surgical aspects of endovascular retrograde implantation of the aortic CoreValve bioprosthesis in high-risk older patients with severe symptomatic aortic stenosis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2007 , 134, 1150-6	1.5	52
211	Near-infrared Spectroscopy Monitoring During Cardiac Arrest: A Systematic Review and Meta-analysis. <i>Academic Emergency Medicine</i> , 2016 , 23, 851-62	3.4	52
210	Left and right ventricular diastolic dysfunction as predictors of difficult separation from cardiopulmonary bypass. <i>Canadian Journal of Anaesthesia</i> , 2006 , 53, 1020-9	3	51
209	Torsades de pointes secondary to intravenous haloperidol after coronary bypass grafting surgery. <i>Canadian Journal of Anaesthesia</i> , 2000 , 47, 251-4	3	51
208	Biventricular diastolic filling patterns after coronary artery bypass graft surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2006 , 131, 1080-6	1.5	50
207	Septal curvature is marker of hemodynamic, anatomical, and electromechanical ventricular interdependence in patients with pulmonary arterial hypertension. <i>Echocardiography</i> , 2014 , 31, 699-707	1.5	49
206	Basic concepts in the use of thoracic and lung ultrasound. <i>Current Opinion in Anaesthesiology</i> , 2013 , 26, 20-30	2.9	48

205	Reversal of decreases in cerebral saturation in high-risk cardiac surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2013 , 27, 1260-6	2.1	46
204	Near-infrared spectroscopy to monitor peripheral blood flow perfusion. <i>Journal of Clinical Monitoring and Computing</i> , 2008 , 22, 37-43	2	44
203	Aprotinin versus tranexamic acid during liver transplantation: impact on blood product requirements and survival. <i>Transplantation</i> , 2011 , 91, 1273-8	1.8	43
202	Dynamic quantitative echocardiographic evaluation of mitral regurgitation in the operating department. <i>Journal of the American Society of Echocardiography</i> , 2006 , 19, 140-6	5.8	43
201	Can peripheral venous pressure be interchangeable with central venous pressure in patients undergoing cardiac surgery?. <i>Intensive Care Medicine</i> , 2004 , 30, 627-32	14.5	43
200	Preliminary experience with combined inhaled milrinone and prostacyclin in cardiac surgical patients with pulmonary hypertension. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2015 , 29, 38-45 ^{2.1}	2.1	42
199	Dynamic effects of positive-pressure ventilation on canine left ventricular pressure-volume relations. <i>Journal of Applied Physiology</i> , 2001 , 91, 298-308	3.7	42
198	Clinical Significance of Portal Hypertension Diagnosed With Bedside Ultrasound After Cardiac Surgery. <i>Anesthesia and Analgesia</i> , 2017 , 124, 1109-1115	3.9	40
197	Milrinone enhances systolic, but not diastolic function during coronary artery bypass grafting surgery. <i>Canadian Journal of Anaesthesia</i> , 2007 , 54, 509-22	3	40
196	Multi-organ point-of-care ultrasound for COVID-19 (PoCUS4COVID): international expert consensus. <i>Critical Care</i> , 2020 , 24, 702	10.8	40
195	Magnesium potentiates neuromuscular blockade with cisatracurium during cardiac surgery. <i>Canadian Journal of Anaesthesia</i> , 2003 , 50, 172-8	3	39
194	Baseline regional cerebral oxygen saturation correlates with left ventricular systolic and diastolic function. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2008 , 22, 840-6	2.1	38
193	Hemodynamic changes during off-pump CABG surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2002 , 21, 385-90	3	38
192	High postoperative portal venous flow pulsatility indicates right ventricular dysfunction and predicts complications in cardiac surgery patients. <i>British Journal of Anaesthesia</i> , 2019 , 122, 206-214	5.4	38
191	Difficult and complex separation from cardiopulmonary bypass in high-risk cardiac surgical patients: a multicenter study. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2012 , 26, 608-16	2.1	37
190	Tezosentan and right ventricular failure in patients with pulmonary hypertension undergoing cardiac surgery: the TACTICS trial. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2013 , 27, 1212-7	2.1	36
189	Innovative approaches in the perioperative care of the cardiac surgical patient in the operating room and intensive care unit. <i>Canadian Journal of Cardiology</i> , 2014 , 30, S459-77	3.8	35
188	Effects of anesthetic induction in patients with diastolic dysfunction. <i>Canadian Journal of Anaesthesia</i> , 2009 , 56, 357-65	3	35

187	Randomized controlled trial of pericardial blood processing with a cell-saving device on neurologic markers in elderly patients undergoing coronary artery bypass graft surgery. <i>Annals of Thoracic Surgery</i> , 2006 , 82, 51-5	2.7	35
186	Right heart imaging in patients with heart failure: a tale of two ventricles. <i>Current Opinion in Cardiology</i> , 2016 , 31, 469-82	2.1	34
185	Role of transesophageal echocardiography in percutaneous aortic valve replacement with the CoreValve Revalving system. <i>Echocardiography</i> , 2008 , 25, 840-8	1.5	34
184	Efficacy of Colchicine in Non-Hospitalized Patients with COVID-19		34
183	Impact of the direct transfer to percutaneous coronary intervention-capable hospitals on survival to hospital discharge for patients with out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2018 , 125, 28-33	4	33
182	Aerosolized Vasodilators for the Treatment of Pulmonary Hypertension in Cardiac Surgical Patients: A Systematic Review and Meta-analysis. <i>Anesthesia and Analgesia</i> , 2017 , 125, 393-402	3.9	31
181	Patient attitudes and beliefs regarding pain medication after cardiac surgery: barriers to adequate pain management. <i>Pain Management Nursing</i> , 2014 , 15, 574-9	2.5	31
180	Poor correlation between hemodynamic and echocardiographic indexes of left ventricular performance in the operating room and intensive care unit. <i>Critical Care Medicine</i> , 2004 , 32, 644-8	1.4	30
179	The Association Between Pulsatile Portal Flow and Acute Kidney Injury after Cardiac Surgery: A Retrospective Cohort Study. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2018 , 32, 1780-1787	2.1	29
178	Left ventricular pressure-volume relations with transesophageal echocardiographic automated border detection: comparison with conductance-catheter technique. <i>American Heart Journal</i> , 1996 , 131, 544-52	4.9	29
177	Risk Factors Involved in Central-to-Radial Arterial Pressure Gradient During Cardiac Surgery. <i>Anesthesia and Analgesia</i> , 2016 , 122, 624-632	3.9	29
176	Cerebral oximetry as a biomarker of postoperative delirium in cardiac surgery patients. <i>Journal of Critical Care</i> , 2016 , 34, 17-23	4	28
175	The concept of ventricular reserve in heart failure and pulmonary hypertension: an old metric that brings us one step closer in our quest for prediction. <i>Current Opinion in Cardiology</i> , 2011 , 26, 123-31	2.1	28
174	Inhaled milrinone: a new alternative in cardiac surgery?. <i>Seminars in Cardiothoracic and Vascular Anesthesia</i> , 2006 , 10, 346-60	1.4	28
173	Transesophageal lung ultrasonography: a novel technique for investigating hypoxemia. <i>Canadian Journal of Anaesthesia</i> , 2016 , 63, 1266-76	3	27
172	A bedside clinical and ultrasound-based approach to hemodynamic instability - Part II: bedside ultrasound in hemodynamic shock: continuing professional development. <i>Canadian Journal of Anaesthesia</i> , 2014 , 61, 1008-27	3	26
171	Extracardiac Signs of Fluid Overload in the Critically Ill Cardiac Patient: A Focused Evaluation Using Bedside Ultrasound. <i>Canadian Journal of Cardiology</i> , 2017 , 33, 88-100	3.8	26
170	Right Heart Score for Predicting Outcome in Idiopathic, Familial, or Drug- and Toxin-Associated Pulmonary Arterial Hypertension. <i>JACC: Cardiovascular Imaging</i> , 2015 , 8, 627-38	8.4	26

169	Pulmonary edema and cardiac dysfunction following subarachnoid hemorrhage. <i>Canadian Journal of Neurological Sciences</i> , 2005 , 32, 178-85	1	26
168	Mitral Doppler indices are superior to two-dimensional echocardiographic and hemodynamic variables in predicting responsiveness of cardiac output to a rapid intravenous infusion of colloid. <i>Anesthesia and Analgesia</i> , 2002 , 94, 1092-9, table of contents	3.9	26
167	Perioperative intravenous amiodarone does not reduce the burden of atrial fibrillation in patients undergoing cardiac valvular surgery. <i>Anesthesiology</i> , 2010 , 112, 128-37	4.3	26
166	Right Ventricular Depression After Cardiopulmonary Bypass for Valvular Surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2015 , 29, 836-44	2.1	24
165	Point-of-Care Ultrasonography to Assess Portal Vein Pulsatility and the Effect of Inhaled Milrinone and Epoprostenol in Severe Right Ventricular Failure: A Report of 2 Cases. <i>A & A Case Reports</i> , 2017 , 9, 219-223		23
164	The benefits of cognitive training after a coronary artery bypass graft surgery. <i>Journal of Behavioral Medicine</i> , 2012 , 35, 557-68	3.6	23
163	Development of a Predictive Model for Blood Transfusions and Bleeding During Liver Transplantation: An Observational Cohort Study. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2018 , 32, 1722-1730	2.1	23
162	Toward a new approach for the detection of pain in adult patients undergoing cardiac surgery: near-infrared spectroscopy--a pilot study. <i>Heart and Lung: Journal of Acute and Critical Care</i> , 2010 , 39, 485-93	2.6	22
161	Losing the dogmatic view of cerebral autoregulation. <i>Physiological Reports</i> , 2021 , 9, e14982	2.6	22
160	Incidence and significance of abnormal hepatic venous Doppler flow velocities before cardiac surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2005 , 19, 751-8	2.1	21
159	Pearls and pitfalls in managing right heart failure in cardiac surgery. <i>Current Opinion in Anaesthesiology</i> , 2016 , 29, 68-79	2.9	21
158	Portal Hypertension Is Associated With Congestive Encephalopathy and Delirium After Cardiac Surgery. <i>Canadian Journal of Cardiology</i> , 2019 , 35, 1134-1141	3.8	20
157	High performance liquid chromatography using UV detection for the quantification of milrinone in plasma: improved sensitivity for inhalation. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009 , 877, 657-60	3.2	20
156	Transesophageal echocardiographic diagnosis of carbon dioxide embolism during minimally invasive saphenous vein harvesting and treatment with inhaled epoprostenol. <i>Anesthesia and Analgesia</i> , 2003 , 96, 962-964	3.9	20
155	Recombinant human erythropoietin use in intensive care. <i>Annals of Pharmacotherapy</i> , 2002 , 36, 1068-74	2.9	20
154	Perioperative pharmacological management of pulmonary hypertensive crisis during congenital heart surgery. <i>Pulmonary Circulation</i> , 2014 , 4, 10-24	2.7	19
153	Low-Dose Versus High-Dose Tranexamic Acid Reduces the Risk of Nonischemic Seizures After Cardiac Surgery With Cardiopulmonary Bypass. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2017 , 31, 1611-1617	2.1	18
152	Abnormal aortic-to-radial arterial pressure gradients resulting in misdiagnosis of hemodynamic instability. <i>Canadian Journal of Anaesthesia</i> , 2009 , 56, 534-6	3	18

151	Effect of intravenous nitroglycerin on cerebral saturation in high-risk cardiac surgery. <i>Canadian Journal of Anaesthesia</i> , 2007 , 54, 718-27	3	18
150	Transesophageal echocardiography monitoring in the intensive care department: the management of hemodynamic instability secondary to thoracic tamponade after single lung transplantation. <i>Journal of the American Society of Echocardiography</i> , 2003 , 16, 688-92	5.8	18
149	A proposed lung ultrasound and phenotypic algorithm for the care of COVID-19 patients with acute respiratory failure. <i>Canadian Journal of Anaesthesia</i> , 2020 , 67, 1393-1404	3	18
148	Assessment of fluid responsiveness with end-tidal carbon dioxide using a simplified passive leg raising maneuver: a prospective observational study. <i>Canadian Journal of Anaesthesia</i> , 2016 , 63, 1033-41 ³		18
147	Perioperative Right Ventricular Pressure Monitoring in Cardiac Surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2019 , 33, 1090-1104	2.1	18
146	The Role of Point-of-Care Ultrasound Monitoring in Cardiac Surgical Patients With Acute Kidney Injury. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2019 , 33, 2781-2796	2.1	17
145	Heart Transplantation in Patients >60 Years: Importance of Relative Pulmonary Hypertension and Right Ventricular Failure on Midterm Survival. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2018 , 32, 32-40	2.1	17
144	A post cardiac surgery intervention to manage delirium involving families: a randomized pilot study. <i>Nursing in Critical Care</i> , 2017 , 22, 221-228	2.7	16
143	Intratracheal Milrinone Bolus Administration During Acute Right Ventricular Dysfunction After Cardiopulmonary Bypass. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2017 , 31, 489-496	2.1	16
142	Is patient-prosthesis mismatch a perioperative predictor of long-term mortality after aortic valve replacement?. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2013 , 27, 647-53	2.1	16
141	Ultrasound guidance for internal jugular vein cannulation: Continuing Professional Development. <i>Canadian Journal of Anaesthesia</i> , 2010 , 57, 500-14	3	16
140	Implantation of the CoreValve percutaneous aortic valve. <i>Annals of Thoracic Surgery</i> , 2007 , 83, 284-7	2.7	16
139	The Critical Importance of Hepatic Venous Blood Flow Doppler Assessment for Patients in Shock. <i>A & A Case Reports</i> , 2016 , 6, 114-20		15
138	Differential effects of inhaled and intravenous sildenafil in the prevention of the pulmonary endothelial dysfunction due to cardiopulmonary bypass. <i>Journal of Cardiovascular Pharmacology</i> , 2008 , 51, 11-7	3.1	15
137	Mechanics of right ventricular dysfunction in pulmonary arterial hypertension and heart failure with preserved ejection fraction. <i>Cardiovascular Diagnosis and Therapy</i> , 2020 , 10, 1580-1603	2.6	15
136	Acute Right Ventricular Failure in Cardiac Surgery During Cardiopulmonary Bypass Separation: A Retrospective Case Series of 12 Years Experience With Intratracheal Milrinone Administration. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2019 , 33, 651-660	2.1	15
135	Inhaled milrinone and epoprostenol in a patient with severe pulmonary hypertension, right ventricular failure, and reduced baseline brain saturation value from a left atrial myxoma. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2014 , 28, 723-9	2.1	14
134	Impact of MELD Score-Based Organ Allocation on Mortality, Bleeding, and Transfusion in Liver Transplantation: A Before-and-After Observational Cohort Study. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2019 , 33, 2719-2725	2.1	13

133	Bedside clinical and ultrasound-based approaches to the management of hemodynamic instability--part I: focus on the clinical approach: continuing professional development. <i>Canadian Journal of Anaesthesia</i> , 2014 , 61, 843-64	3	13
132	Prehospital Advanced Cardiac Life Support for Out-of-hospital Cardiac Arrest: A Cohort Study. <i>Academic Emergency Medicine</i> , 2017 , 24, 1100-1109	3-4	13
131	Always consider left ventricular outflow tract obstruction in hemodynamically unstable patients. <i>Canadian Journal of Anaesthesia</i> , 2009 , 56, 962-8	3	13
130	Vasopressin for refractory hypotension during cardiopulmonary bypass. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2000 , 120, 401-2	1.5	13
129	Risk Factors for Radial-to-Femoral Artery Pressure Gradient in Patients Undergoing Cardiac Surgery With Cardiopulmonary Bypass. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2018 , 32, 692-698	2.1	13
128	Transcranial Doppler monitoring guided by cranial two-dimensional ultrasonography. <i>Canadian Journal of Anaesthesia</i> , 2017 , 64, 885-887	3	12
127	Load Adaptability in Patients With Pulmonary Arterial Hypertension. <i>American Journal of Cardiology</i> , 2017 , 120, 874-882	3	12
126	Prognostic impact of the conversion to a shockable rhythm from a non-shockable rhythm for patients suffering from out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2019 , 140, 43-49	4	12
125	Pacemaker Implantation After Mitral Valve Surgery With Atrial Fibrillation Ablation. <i>Journal of the American College of Cardiology</i> , 2019 , 73, 2427-2435	15.1	12
124	Subclavian and axillary vessel anatomy: a prospective observational ultrasound study. <i>Canadian Journal of Anaesthesia</i> , 2018 , 65, 350-359	3	12
123	Evaluation of autonomic reserves in cardiac surgery patients. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2013 , 27, 485-93	2.1	12
122	A score to estimate 30-day mortality after intensive care admission after cardiac surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017 , 153, 1118-1125.e4	1.5	11
121	Meta-Analysis of Randomized Controlled Trials Using Tool-Assisted Target Weight Adjustments in Chronic Dialysis Patients. <i>Kidney International Reports</i> , 2019 , 4, 1426-1434	4.1	11
120	Intraoperative hemodynamic instability during and after separation from cardiopulmonary bypass. <i>Seminars in Cardiothoracic and Vascular Anesthesia</i> , 2010 , 14, 165-82	1.4	11
119	A Simplified Approach to Extravascular Lung Water Assessment Using Point-of-Care Ultrasound in Patients with End-Stage Chronic Renal Failure Undergoing Hemodialysis. <i>Blood Purification</i> , 2018 , 45, 79-87	3.1	11
118	Imaging portal venous flow to aid assessment of right ventricular dysfunction. <i>Canadian Journal of Anaesthesia</i> , 2018 , 65, 1260-1261	3	9
117	A specific and sensitive HPLC-MS/MS micromethod for milrinone plasma levels determination after inhalation in cardiac patients. <i>Therapeutic Drug Monitoring</i> , 2014 , 36, 663-8	3.2	9
116	Acute abdominal compartment syndrome. <i>Canadian Journal of Anaesthesia</i> , 2009 , 56, 678-82	3	9

115	Difficult separation from cardiopulmonary bypass and deltaPCO ₂ . <i>Canadian Journal of Anaesthesia</i> , 2001 , 48, 196-9	3	9
114	A Proposed Approach to Cerebral and Somatic Desaturation in the Intensive Care Unit: Preliminary Experience and Review. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2017 , 31, 1805-1809	2.1	8
113	Inhaled milrinone in cardiac surgical patients: a pilot randomized controlled trial of jet vs. mesh nebulization. <i>Scientific Reports</i> , 2020 , 10, 2069	4.9	8
112	Transthoracic echocardiographic evaluation of the heart and great vessels. <i>Canadian Journal of Anaesthesia</i> , 2018 , 65, 449-472	3	8
111	Delirium After Cardiac Surgery and Cumulative Fluid Balance: A Case-Control Cohort Study. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2019 , 33, 93-101	2.1	8
110	Hemodynamic instability and fluid responsiveness. <i>Canadian Journal of Anaesthesia</i> , 2013 , 60, 1240-7	3	8
109	Hemodynamic pressure waveform analysis in predicting fluid responsiveness. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2013 , 27, 676-80	2.1	8
108	A system for the on-line acquisition, visualization, and analysis of pressure-area loops. <i>Journal of Biomedical Informatics</i> , 1994 , 27, 61-7		8
107	Doppler Interrogation of the Femoral Vein in the Critically Ill Patient: The Fastest Potential Acoustic Window to Diagnose Right Ventricular Dysfunction? 2020 , 2, e0209		8
106	Real-Time Assessment of Renal Venous Flow by Transesophageal Echography During Cardiac Surgery. <i>A&A Practice</i> , 2019 , 12, 30-32	0.8	8
105	Preoperative Diaphragm Function Is Associated With Postoperative Pulmonary Complications After Cardiac Surgery. <i>Critical Care Medicine</i> , 2019 , 47, e966-e974	1.4	8
104	Impacts of right ventricular function and venous congestion on renal response during depletion in acute heart failure. <i>ESC Heart Failure</i> , 2020 , 7, 1723-1734	3.7	7
103	Preliminary Experience Using Diastolic Right Ventricular Pressure Gradient Monitoring in Cardiac Surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2020 , 34, 2116-2125	2.1	7
102	Quantitative Measurement of Erythrocyte Aggregation as a Systemic Inflammatory Marker by Ultrasound Imaging: A Systematic Review. <i>Ultrasound in Medicine and Biology</i> , 2018 , 44, 1303-1317	3.5	7
101	Noninvasive Administration of Inhaled Nitric Oxide and its Hemodynamic Effects in Patients With Acute Right Ventricular Dysfunction. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2019 , 33, 642-647	2.1	7
100	A Practical Approach to Cerebro-Somatic Near-Infrared Spectroscopy and Whole-Body Ultrasound. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2019 , 33 Suppl 1, S11-S37	2.1	7
99	Relationship between conventional coagulation tests and bleeding for 600 consecutive liver transplantations. <i>Transplantation</i> , 2014 , 98, e13-5	1.8	7
98	Ultrasound monitoring of RBC aggregation as a real-time marker of the inflammatory response in a cardiopulmonary bypass swine model. <i>Critical Care Medicine</i> , 2013 , 41, e171-8	1.4	7

97	Successful management strategy for mechanical assistance and heart transplantation in patients suffering from heparin-induced thrombocytopenia type II. <i>Journal of Heart and Lung Transplantation</i> , 2001 , 20, 1237-40	5.8	7
96	A Systematic Review of the Impact of Surgical Special Care Units on Patient Outcomes and Health Care Resource Utilization. <i>Anesthesia and Analgesia</i> , 2019 , 128, 533-542	3.9	7
95	Clinical and Technical Limitations of Cerebral and Somatic Near-Infrared Spectroscopy as an Oxygenation Monitor. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021 , 35, 763-779	2.1	7
94	Patient management algorithm combining processed electroencephalographic monitoring with cerebral and somatic near-infrared spectroscopy: a case series. <i>Canadian Journal of Anaesthesia</i> , 2019 , 66, 532-539	3	6
93	High-performance liquid chromatography assay using ultraviolet detection for urinary quantification of milrinone concentrations in cardiac surgery patients undergoing cardiopulmonary bypass. <i>Biomedical Chromatography</i> , 2014 , 28, 1084-9	1.7	6
92	Autonomic nervous system and cardiovascular disease. <i>Seminars in Cardiothoracic and Vascular Anesthesia</i> , 2009 , 13, 99-105	1.4	6
91	Unexpected periaortic cavity during heart surgery. <i>Anesthesia and Analgesia</i> , 2007 , 104, 75-6	3.9	6
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