

Andr Y Denault

List of Publications by Year in Descending Order

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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	Preliminary experience with continuous right ventricular pressure and transesophageal echocardiography monitoring in orthotopic liver transplantation.. <i>PLoS ONE</i> , 2022 , 17, e0263386	3.7	0
239	Transcranial Doppler (TCD/TCCS) Monitoring in the Intensive Care Unit: Usefulness of Two-Dimensional Ultrasound (2D) to Guide Neuromonitoring 2022 , 233-250		
238	Subsyndromal Delirium in Cardiac Surgery Patients: Risk Factors and Outcomes of the Different Trajectories. <i>Journal of Cardiovascular Nursing</i> , 2022 , 37, 41-49	2.1	2
237	New developments in the understanding of right ventricular function in acute care. <i>Current Opinion in Critical Care</i> , 2022 , 28, 331-339	3.5	1
236	Right Ventricular Outflow Tract Obstruction in the Intensive Care Unit: A Case Report of 2 Patients.. <i>A&A Practice</i> , 2021 , 15, e01532	0.8	0
235	Constrictive pericarditis: portal, splenic, and femoral venous Doppler pulsatility: a case series. <i>Canadian Journal of Anaesthesia</i> , 2021 , 69, 119	3	1
234	Pulmonary Hypertension and Right Ventricular Dysfunction Post-Cardiopulmonary Bypass 2021 , 259-272		
233	Non-invasive detection of a femoral-to-radial arterial pressure gradient in intensive care patients with vasoactive agents. <i>Journal of Intensive Care</i> , 2021 , 9, 71	7	0
232	Intra-abdominal pressure during and after cardiac surgery: a single-centre prospective cohort study. <i>Canadian Journal of Anaesthesia</i> , 2021 , 1	3	1
231	Femoral Vein Pulsatility: What Does It Mean?. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021 , 35, 2521-2527	2.1	0
230	Right Ventricular Outflow Tract Obstruction in Adults: A Systematic Review and Meta-analysis. <i>CJC Open</i> , 2021 , 3, 1153-1168	2	4
229	Transgastric Abdominal Ultrasonography in Anesthesia and Critical Care: Review and Proposed Approach. <i>Anesthesia and Analgesia</i> , 2021 , 133, 630-647	3.9	2
228	Ultrasound evaluation of inferior vena cava compression in tilted and supine term parturients. <i>Canadian Journal of Anaesthesia</i> , 2021 , 68, 1507-1513	3	3
227	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
226	Can a Shockable Initial Rhythm Identify Out-of-Hospital Cardiac Arrest Patients with a Short No-flow Time?. <i>Resuscitation</i> , 2021 , 158, 57-63	4	2
225	Acute Kidney Injury After Heart Transplant: The Importance of Pulmonary Hypertension. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021 , 35, 2052-2062	2.1	1
224	A proposed algorithm for combining transcranial Doppler ultrasound monitoring with cerebral and somatic oximetry: a case report. <i>Canadian Journal of Anaesthesia</i> , 2021 , 68, 130-136	3	1

223	Reversal of Acute Right Ventricular Failure Early Post Left Ventricular Assist Device Placement by Intratracheal Milrinone Administration: Case Report. <i>Chest</i> , 2021 , 159, e57-e60	5.3	0
222	Femoral and popliteal venous Doppler during prone and supine position in COVID-19 patients: a potential diagnostic tool to detect abnormal right ventricular function. <i>Canadian Journal of Anaesthesia</i> , 2021 , 68, 737-739	3	1
221	Losing the dogmatic view of cerebral autoregulation. <i>Physiological Reports</i> , 2021 , 9, e14982	2.6	22
220	Effect of electroencephalography-guided anesthesia on neurocognitive disorders in elderly patients undergoing major non-cardiac surgery: A trial protocol The POEGEA trial (PONcd Elderly GEneral Anesthesia). <i>PLoS ONE</i> , 2021 , 16, e0255852	3.7	
219	Radial-to-femoral pressure gradient quantification in cardiac surgery. <i>JTCVS Open</i> , 2021 ,	0.2	2
218	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
217	In reply: Letter commenting on "Ultrasound evaluation of inferior vena cava compression in tilted and supine term parturients". <i>Canadian Journal of Anaesthesia</i> , 2021 , 68, 1824-1825	3	1
216	Extra-cardiac Doppler Hemodynamic Assessment Using Point-of-Care Ultrasound 2021 , 385-404		
215	Point-of-care lung ultrasound in the assessment of patients with COVID-19: A tutorial. <i>Australasian Journal of Ultrasound in Medicine</i> , 2020 , 23, 271-281	0.6	2
214	Assessing Splanchnic Compartment Using Portal Venous Doppler and Impact of Adding It to the EVEREST Score for Risk Assessment in Heart Failure. <i>CJC Open</i> , 2020 , 2, 311-320	2	3
213	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
212	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
211	Quantifying the Influence of Wedge Pressure, Age, and Heart Rate on the Systolic Thresholds for Detection of Pulmonary Hypertension. <i>Journal of the American Heart Association</i> , 2020 , 9, e016265	6	4
210	Biventricular thrombosis and survival after two different mechanical supports before heart transplantation. <i>Clinical Case Reports (discontinued)</i> , 2020 , 8, 1199-1201	0.7	
209	In reply: Ocular ultrasonography in patients with subarachnoid hemorrhage and Terson syndrome. <i>Canadian Journal of Anaesthesia</i> , 2020 , 67, 1074-1075	3	1
208	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
207	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
206	Multi-organ point-of-care ultrasound for COVID-19 (PoCUS4COVID): international expert consensus. <i>Critical Care</i> , 2020 , 24, 702	10.8	40

205	Right Ventricular Epicardial Pacing Postcardiac Surgery Can Cause Dynamic Right Ventricular Outflow Tract Obstruction: A Case Report. <i>A&A Practice</i> , 2020 , 14, e01346	0.8	2
204	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
203	Point-of-care handheld ophthalmic ultrasound in the diagnosis and evaluation of raised intracranial pressure and Terson syndrome: a description of two cases. <i>Canadian Journal of Anaesthesia</i> , 2020 , 67, 353-359	3	5
202	Increased Circulating Levels of Neutrophil Extracellular Traps During Cardiopulmonary Bypass. <i>CJC Open</i> , 2020 , 2, 39-48	2	4
201	Point-of-care ultrasound for deep venous thrombosis of the lower limb. <i>Australasian Journal of Ultrasound in Medicine</i> , 2020 , 23, 111-120	0.6	3
200	Cardiogenic Shock: Reflections at the Crossroad Between Perfusion, Tissue Hypoxia, and Mitochondrial Function. <i>Canadian Journal of Cardiology</i> , 2020 , 36, 184-196	3.8	2
199	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
198	Association between intraoperative rotational thromboelastometry or conventional coagulation tests and bleeding in liver transplantation: an observational exploratory study. <i>Anaesthesia, Critical Care & Pain Medicine</i> , 2020 , 39, 765-770	3	1
197	Lymphocytopenia During Hospitalization for Acute Heart Failure and Its Relationship With Portal Congestion and Right Ventricular Function. <i>Journal of Cardiac Failure</i> , 2020 , 26, 1043-1049	3.3	1
196	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
195	Esophageal Perforation with Transesophageal Echocardiography in an Elderly Patient with Prominent Vertebral Osteophytes: A Case Report and a Review of the Literature. <i>Case</i> , 2020 , 4, 331-336	0.5	1
194	Hemodynamic trajectories and outcomes in patients with pulmonary arterial hypertension. <i>Pulmonary Circulation</i> , 2020 , 10, 2045894020941343	2.7	2
193	Point-of-care echocardiography for the evaluation of right-to-left cardiopulmonary shunts: a narrative review. <i>Canadian Journal of Anaesthesia</i> , 2020 , 67, 1824-1838	3	4
192	Pilot clinical study of quantitative ultrasound spectroscopy measurements of erythrocyte aggregation within superficial veins. <i>Clinical Hemorheology and Microcirculation</i> , 2020 , 74, 109-126	2.5	6
191	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
190	Association Between the Quantity of Subcutaneous Fat and the Inter-Device Agreement of 2 Tissue Oximeters. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2019 , 33, 2989-2994	2.1	3
189	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
188	Assessment of Left Ventricular Diastolic Function by Transesophageal Echocardiography Before Cardiopulmonary Bypass: Clinical Implications of a Restrictive Profile. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2019 , 33, 2394-2401	2.1	4

187	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
186	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
185	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
184	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
183	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
182	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	7
181	Radial artery reliability using arterial Doppler assessment prior to arterial cannulation. <i>Canadian Journal of Anaesthesia</i> , 2019 , 66, 1272-1273	3	3
180	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
179	Whole body ultrasound in the operating room and intensive care unit. <i>Korean Journal of Anesthesiology</i> , 2019 , 72, 413-428	3.8	5
178	Noninvasive Administration of Inhaled Epoprostenol and Inhaled Milrinone in Extubated, Spontaneously Breathing Patients With Right Ventricular Failure and Portal Hypertension: A Report of 2 Cases. <i>A&A Practice</i> , 2019 , 12, 208-211	0.8	6
177	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
176	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
175	Preoperative Diaphragm Function Is Associated With Postoperative Pulmonary Complications After Cardiac Surgery. <i>Critical Care Medicine</i> , 2019 , 47, e966-e974	1.4	8
174	Perioperative Right Ventricular Pressure Monitoring in Cardiac Surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2019 , 33, 1090-1104	2.1	18
173	Commentary to "Right Ventricular Systolic Performance Determined by 2D Speckle-Tracking Echocardiography and Acute Kidney Injury After Cardiac Surgery". <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2019 , 33, 1168-1169	2.1	1
172	The prognostic significance of repeated prehospital shocks for out-of-hospital cardiac arrest survival. <i>Canadian Journal of Emergency Medicine</i> , 2019 , 21, 330-338	0.6	1
171	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
170	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

169	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
168	Doppler Renal Resistance Index for the Prediction of Response to Passive Leg-Raising Following Cardiac Surgery. <i>Journal of Clinical Ultrasound</i> , 2018 , 46, 455-460	1	4
167	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
166	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
165	Transthoracic echocardiographic evaluation of the heart and great vessels. <i>Canadian Journal of Anaesthesia</i> , 2018 , 65, 449-472	3	8
164	Subclavian and axillary vessel anatomy: a prospective observational ultrasound study. <i>Canadian Journal of Anaesthesia</i> , 2018 , 65, 350-359	3	12
163	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
162	Pharmacokinetics and Pharmacodynamics of Nebulized and Intratracheal Milrinone in a Swine Model of Hypercapnia Pulmonary Hypertension. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2018 , 32, 2130-2138	2.1	3
161	Can we prevent significant brain desaturation during defibrillator testing by increasing the brain saturation reserve?. <i>Canadian Journal of Anaesthesia</i> , 2018 , 65, 732-734	3	3
160	Imaging portal venous flow to aid assessment of right ventricular dysfunction. <i>Canadian Journal of Anaesthesia</i> , 2018 , 65, 1260-1261	3	9
159	Rapid relief of a postcardiotomy tamponade by manual subxiphoid decompression: a useful approach in the intensive care unit. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2018 , 27, 310-311	1.8	1
158	Inhaled Vasodilators in Right Heart Failure 2018 , 657-677		
157	Importance of Extra-Cardiac Manifestations of Right Heart Failure Using Bedside Ultrasound 2018 , 679-696		
156	Near-Infrared Spectroscopy 2018 , 179-233		3
155	Preliminary Experience in Combined Somatic and Cerebral Oximetry Monitoring in Liver Transplantation. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2018 , 32, 73-84	2.1	5
154	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
153	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
152	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

151	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
150	Acute Kidney Injury Due to Inferior Vena Cava Stenosis After Liver Transplantation: A Case Report About the Importance of Hepatic Vein Doppler Ultrasound and Clinical Assessment. <i>Canadian Journal of Kidney Health and Disease</i> , 2018 , 5, 2054358118801012	2.3	6
149	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
148	Point-of-care ultrasound in end-stage kidney disease: beyond lung ultrasound. <i>Current Opinion in Nephrology and Hypertension</i> , 2018 , 27, 487-496	3.5	3
147	Management of Severe Pulmonary Hypertensive Disease for Surgical and Nonsurgical Procedures. <i>International Anesthesiology Clinics</i> , 2018 , 56, e28-e55	0.6	3
146	Lung Sliding Identification Is Less Accurate in the Left Hemithorax. <i>Journal of Ultrasound in Medicine</i> , 2017 , 36, 327-333	2.9	2
145	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
144	Clinical Significance of Portal Hypertension Diagnosed With Bedside Ultrasound After Cardiac Surgery. <i>Anesthesia and Analgesia</i> , 2017 , 124, 1109-1115	3.9	40
143	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
142	Transcranial Doppler monitoring guided by cranial two-dimensional ultrasonography. <i>Canadian Journal of Anaesthesia</i> , 2017 , 64, 885-887	3	12
141	Load Adaptability in Patients With Pulmonary Arterial Hypertension. <i>American Journal of Cardiology</i> , 2017 , 120, 874-882	3	12
140	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
139	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
138	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
137	In reply: 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> , 2017 , 64, 547	3	
136	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
135	In Response. <i>Anesthesia and Analgesia</i> , 2017 , 125, 2167-2168	3.9	
134	Bedside transcranial sonography monitoring in a patient with hydrocephalus post subarachnoid hemorrhage. <i>The Ultrasound Journal</i> , 2017 , 9, 17		4

133	Use of nebulized milrinone in cardiac surgery; Comparison of vibrating mesh and simple jet nebulizers. <i>Pulmonary Pharmacology and Therapeutics</i> , 2017 , 46, 20-29	3.5	3
132	Potential impact of a prehospital redirection system for refractory cardiac arrest. <i>Resuscitation</i> , 2017 , 119, 37-42	4	4
131	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
130	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
129	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
128	Transesophageal lung ultrasonography: a novel technique for investigating hypoxemia. <i>Canadian Journal of Anaesthesia</i> , 2016 , 63, 1266-76	3	27
127	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
126	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
125	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
124	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
123	Ultrasound findings in critical care patients: the "liver sign" and other abnormal abdominal air patterns. <i>The Ultrasound Journal</i> , 2016 , 8, 2		2
122	Perioperative Ultrasound Training in Anesthesiology: A Call to Action. <i>Anesthesia and Analgesia</i> , 2016 , 122, 1794-804	3.9	73
121	Cerebral oximetry as a biomarker of postoperative delirium in cardiac surgery patients. <i>Journal of Critical Care</i> , 2016 , 34, 17-23	4	28
120	Lung Ultrasound in the Critically Ill – The BLUE Protocol. <i>Canadian Journal of Anaesthesia</i> , 2016 , 63, 903-904		1
119	Systolic Anterior Motion of the Mitral Valve Triggered by the Intra-Aortic Balloon Pump. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2016 , 30, 432-6	2.1	
118	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
117	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
116	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

115	Pearls and pitfalls in managing right heart failure in cardiac surgery. <i>Current Opinion in Anaesthesiology</i> , 2016 , 29, 68-79	2.9	21
114	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
113	Reproducibility, interchangeability of measures, time to measure stabilization, and reference values of two tissue oximeters in healthy volunteers. <i>Journal of Biomedical Optics</i> , 2016 , 21, 97003	3.5	6
112	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}		42
111	Acute intraoperative effect of intravenous amiodarone on right ventricular function in patients undergoing valvular surgery. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2015 , 4, 316-25	4.3	3
110	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
109	Right Ventricular Depression After Cardiopulmonary Bypass for Valvular Surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2015 , 29, 836-44	2.1	24
108	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
107	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
106	Perioperative pharmacological management of pulmonary hypertensive crisis during congenital heart surgery. <i>Pulmonary Circulation</i> , 2014 , 4, 10-24	2.7	19
105	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
104	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
103	Evaluation of a nurse mentoring intervention to family caregivers in the management of delirium after cardiac surgery (MENTOR_D): a study protocol for a randomized controlled pilot trial. <i>Trials</i> , 2014 , 15, 306	2.8	3
102	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
101	Cardiopulmonary bypass is associated with altered vascular reactivity of isolated pulmonary artery in a porcine model: therapeutic potential of inhaled tezosentan. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2014 , 28, 698-708	2.1	5
100	Relationship between conventional coagulation tests and bleeding for 600 consecutive liver transplantations. <i>Transplantation</i> , 2014 , 98, e13-5	1.8	7
99	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
98	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

97	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
96	Practical diastology. <i>World Journal of Anesthesiology</i> , 2014 , 3, 96	2	5
95	Hemodynamic instability and fluid responsiveness. <i>Canadian Journal of Anaesthesia</i> , 2013 , 60, 1240-7	3	8
94	Hemodynamic pressure waveform analysis in predicting fluid responsiveness. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2013 , 27, 676-80	2.1	8
93	Pulmonary production of osteopontin in humans: effects of left ventricular systolic dysfunction and cardiopulmonary bypass. <i>Journal of Cardiac Failure</i> , 2013 , 19, 816-20	3.3	
92	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
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