

Jos Otvio Costa Auler-Junior

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168
papers

4,441
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29
h-index

62
g-index

191
ext. papers

5,102
ext. citations

3.1
avg, IF

4.82
L-index

#	Paper	IF	Citations
168	Transfusion requirements after cardiac surgery: the TRACS randomized controlled trial. <i>JAMA - Journal of the American Medical Association</i> , 2010 , 304, 1559-67	27.4	701
167	Lung pathology in fatal novel human influenza A (H1N1) infection. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010 , 181, 72-9	10.2	392
166	Goal-directed fluid management based on pulse pressure variation monitoring during high-risk surgery: a pilot randomized controlled trial. <i>Critical Care</i> , 2007 , 11, R100	10.8	308
165	Vasopressin versus Norepinephrine in Patients with Vasoplegic Shock after Cardiac Surgery: The VANCS Randomized Controlled Trial. <i>Anesthesiology</i> , 2017 , 126, 85-93	4.3	153
164	Inhaled nitric oxide leading to pulmonary edema in stable severe heart failure. <i>American Journal of Cardiology</i> , 1994 , 74, 70-2	3	150
163	Transfusion requirements in surgical oncology patients: a prospective, randomized controlled trial. <i>Anesthesiology</i> , 2015 , 122, 29-38	4.3	148
162	Perioperative fluid therapy: a statement from the international Fluid Optimization Group. <i>Perioperative Medicine (London, England)</i> , 2015 , 4, 3	2.8	145
161	Heart disease and pregnancy. <i>British Heart Journal</i> , 2001 , 85, 710-5		130
160	Effect of Perioperative Goal-Directed Hemodynamic Resuscitation Therapy on Outcomes Following Cardiac Surgery: A Randomized Clinical Trial and Systematic Review. <i>Critical Care Medicine</i> , 2016 , 44, 724-33	1.4	91
159	Effects of preanesthetic administration of midazolam, clonidine, or dexmedetomidine on postoperative pain and anxiety in children. <i>Paediatric Anaesthesia</i> , 2007 , 17, 667-74	1.8	91
158	Online monitoring of pulse pressure variation to guide fluid therapy after cardiac surgery. <i>Anesthesia and Analgesia</i> , 2008 , 106, 1201-6, table of contents	3.9	86
157	Tranexamic acid does not increase adverse effects in cardiac surgery: an analysis of 2,852 cases. <i>Critical Care</i> , 2014 , 18,	10.8	78
156	Early fluid loading in acute respiratory distress syndrome with septic shock deteriorates lung aeration without impairing arterial oxygenation: a lung ultrasound observational study. <i>Critical Care</i> , 2014 , 18, R91	10.8	73
155	Intensive perioperative glucose control does not improve outcomes of patients submitted to open-heart surgery: a randomized controlled trial. <i>Clinics</i> , 2009 , 64, 51-60	2.3	57
154	A new brachial plexus block technique in dogs. <i>Veterinary Anaesthesia and Analgesia</i> , 2002 , 29, 133-139	1.3	55
153	Effect of Intensive vs Moderate Alveolar Recruitment Strategies Added to Lung-Protective Ventilation on Postoperative Pulmonary Complications: A Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2017 , 317, 1422-1432	27.4	52
152	Liberal Versus Restrictive Transfusion Strategy in Critically Ill Oncologic Patients: The Transfusion Requirements in Critically Ill Oncologic Patients Randomized Controlled Trial. <i>Critical Care Medicine</i> , 2017 , 45, 766-773	1.4	51

151	Blood transfusion in cardiac surgery is a risk factor for increased hospital length of stay in adult patients. <i>Journal of Cardiothoracic Surgery</i> , 2013 , 8, 54	1.6	48
150	Pulse pressure variation: beyond the fluid management of patients with shock. <i>Critical Care</i> , 2007 , 11, 131	10.8	45
149	Positive fluid balance is associated with reduced survival in critically ill patients with cancer. <i>Acta Anaesthesiologica Scandinavica</i> , 2012 , 56, 712-7	1.9	38
148	A liberal strategy of red blood cell transfusion reduces cardiogenic shock in elderly patients undergoing cardiac surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015 , 150, 1314-20	1.5	37
147	Pre- and postoperative inspiratory mechanics in ischemic and valvular heart disease. <i>Chest</i> , 1987 , 92, 984-90	5.3	37
146	Precision Medicine: Changing the way we think about healthcare. <i>Clinics</i> , 2018 , 73, e723	2.3	36
145	S100B protein and neuron-specific enolase as predictors of cognitive dysfunction after coronary artery bypass graft surgery: A prospective observational study. <i>European Journal of Anaesthesiology</i> , 2016 , 33, 681-9	2.3	34
144	L-arginine reduces heart rate and improves hemodynamics in severe congestive heart failure. <i>Clinical Cardiology</i> , 2000 , 23, 205-10	3.3	33
143	Severe novel influenza A (H1N1) infection in cancer patients. <i>Annals of Oncology</i> , 2010 , 21, 2333-2341	10.3	32
142	Development and validation of an LC/MS/MS method for the determination of L-hyoscyamine in human plasma. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1995 , 14, 33-42	3.5	32
141	Conditioning With Sevoflurane in Liver Transplantation: Results of a Multicenter Randomized Controlled Trial. <i>Transplantation</i> , 2015 , 99, 1606-12	1.8	31
140	Pulse pressure variation as a tool to detect hypovolaemia during pneumoperitoneum. <i>Acta Anaesthesiologica Scandinavica</i> , 2007 , 51, 1268-72	1.9	31
139	Flow and volume dependence of respiratory system mechanics during constant flow ventilation in normal subjects and in adult respiratory distress syndrome. <i>Critical Care Medicine</i> , 1990 , 18, 1080-6	1.4	29
138	Thermal filament continuous thermodilution cardiac output delayed response limits its value during acute hemodynamic instability. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1999 , 47, 288-93	2.4	29
137	Comparison of quality of life, satisfaction with surgery and shoulder-arm morbidity in breast cancer survivors submitted to breast-conserving therapy or mastectomy followed by immediate breast reconstruction. <i>Clinics</i> , 2010 , 65, 781-7	2.3	28
136	The effects of abdominal opening on respiratory mechanics during general anesthesia in normal and morbidly obese patients: a comparative study. <i>Anesthesia and Analgesia</i> , 2002 , 94, 741-8	3.9	27
135	Histochemical evaluation of lung collagen content in acute and chronic interstitial diseases. <i>Chest</i> , 1989 , 95, 953-7	5.3	27
134	Expiratory mechanics before and after uncomplicated heart surgery. <i>Chest</i> , 1989 , 95, 21-8	5.3	27

133	Epidemiology of human infection with the novel virus influenza A (H1N1) in the Hospital das Clínicas, São Paulo, Brazil--June-September 2009. <i>Clinics</i> , 2009 , 64, 1025-30	2.3	26
132	Hydroxyethyl starch is superior to lactated Ringer as a replacement fluid in a pig model of acute normovolaemic haemodilution. <i>British Journal of Anaesthesia</i> , 2007 , 98, 29-37	5.4	26
131	I Diretriz Brasileira de Cardio-Oncologia da Sociedade Brasileira de Cardiologia. <i>Arquivos Brasileiros De Cardiologia</i> , 2011 , 96, 01-52	1.2	26
130	Comparison of inhaled nitric oxide versus oxygen on hemodynamics in patients with mitral stenosis and severe pulmonary hypertension after mitral valve surgery. <i>American Journal of Cardiology</i> , 2011 , 107, 1040-5	3	24
129	Benefits of non-invasive ventilation after extubation in the postoperative period of heart surgery. <i>Brazilian Journal of Cardiovascular Surgery</i> , 2008 , 23, 344-50	1.1	24
128	Volume replacement therapy during hip arthroplasty using hydroxyethyl starch (130/0.4) compared to lactated Ringer decreases allogeneic blood transfusion and postoperative infection. <i>Revista Brasileira De Anestesiologia</i> , 2013 , 63, 27-35	0.8	23
127	Aplicabilidade do escore fisiológico agudo simplificado (SAPS 3) em hospitais brasileiros. <i>Revista Brasileira De Anestesiologia</i> , 2010 , 60, 20-31	0.8	23
126	The effects of positive end-expiratory pressure on respiratory system mechanics and hemodynamics in postoperative cardiac surgery patients. <i>Brazilian Journal of Medical and Biological Research</i> , 2000 , 33, 31-42	2.8	23
125	Hypoxemia after myocardial revascularization: analysis of risk factors. <i>Revista Brasileira De Anestesiologia</i> , 2008 , 58, 124-36	0.8	21
124	Hyperkalemia accompanies hemorrhagic shock and correlates with mortality. <i>Clinics</i> , 2009 , 64, 591-7	2.3	21
123	Lactate and base deficit are predictors of mortality in critically ill patients with cancer. <i>Clinics</i> , 2011 , 66, 2037-42	2.3	20
122	Blood transfusion in critically ill patients: state of the art. <i>Clinics</i> , 2007 , 62, 507-24	2.3	19
121	Factors associated with failure of weaning from long-term mechanical ventilation after cardiac surgery. <i>International Heart Journal</i> , 2005 , 46, 819-31	1.8	18
120	Independent early predictors of mortality in polytrauma patients: a prospective, observational, longitudinal study. <i>Clinics</i> , 2017 , 72, 461-468	2.3	17
119	Effect of a Perioperative Intra-Aortic Balloon Pump in High-Risk Cardiac Surgery Patients: A Randomized Clinical Trial. <i>Critical Care Medicine</i> , 2018 , 46, e742-e750	1.4	17
118	A pragmatic multi-center trial of goal-directed fluid management based on pulse pressure variation monitoring during high-risk surgery. <i>BMC Anesthesiology</i> , 2017 , 17, 70	2.4	17
117	Diaphragmatic pacing stimulation in spinal cord injury: anesthetic and perioperative management. <i>Clinics</i> , 2012 , 67, 1265-9	2.3	17
116	Effects of positive end-expiratory pressure titration and recruitment maneuver on lung inflammation and hyperinflation in experimental acid aspiration-induced lung injury. <i>Anesthesiology</i> , 2012 , 117, 1322-34	4.3	17

115	Perioperative cefuroxime pharmacokinetics in cardiac surgery. <i>Clinics</i> , 2007 , 62, 257-260	2.3	17
114	Assessment of factors that influence weaning from long-term mechanical ventilation after cardiac surgery. <i>Arquivos Brasileiros De Cardiologia</i> , 2003 , 80, 301-10	1.2	16
113	Effects of low doses of inhaled nitric oxide combined with oxygen for the evaluation of pulmonary vascular reactivity in patients with pulmonary hypertension. <i>Pediatric Cardiology</i> , 2002 , 23, 20-6	2.1	16
112	High levels of B-type natriuretic peptide predict weaning failure from mechanical ventilation in adult patients after cardiac surgery. <i>Clinics</i> , 2013 , 68, 33-8	2.3	16
111	Predictors of major complications after elective abdominal surgery in cancer patients. <i>BMC Anesthesiology</i> , 2018 , 18, 49	2.4	15
110	Systemic availability of prophylactic cefuroxime in patients submitted to coronary artery bypass grafting with cardiopulmonary bypass. <i>Journal of Hospital Infection</i> , 2005 , 59, 299-303	6.9	15
109	Acute normovolaemic haemodilution. <i>Transfusion Medicine</i> , 1999 , 9, 259-64	1.3	15
108	Lactated Ringer® Versus 4% Albumin on Lactated Ringer® in Early Sepsis Therapy in Cancer Patients: A Pilot Single-Center Randomized Trial. <i>Critical Care Medicine</i> , 2019 , 47, e798-e805	1.4	15
107	Pulmonary function is better preserved in pigs when acute normovolemic hemodilution is achieved with hydroxyethyl starch versus lactated Ringer® solution. <i>Shock</i> , 2007 , 27, 390-6	3.4	14
106	Respiratory mechanical properties during fentanyl and alfentanil anaesthesia. <i>Canadian Journal of Anaesthesia</i> , 1992 , 39, 458-65	3	14
105	Blood-gas and electrolyte values for Amazon parrots (<i>Amazona aestiva</i>). <i>Pesquisa Veterinaria Brasileira</i> , 2008 , 28, 108-112	0.4	14
104	Volume management in critically ill patients: New insights. <i>Clinics</i> , 2006 , 61, 345-50	2.3	14
103	Eight-year experience of pediatric heart transplantation: clinical outcome using non-invasive methods for the evaluation of acute rejection. <i>Pediatric Transplantation</i> , 2002 , 6, 208-13	1.8	13
102	Respiratory system mechanics in guinea pigs after acute hemorrhage: role of adrenergic stimulation. <i>Critical Care Medicine</i> , 1990 , 18, 515-9	1.4	13
101	Sevoflurane preconditioning during myocardial ischemia-reperfusion reduces infarct size and preserves autonomic control of circulation in rats. <i>Acta Cirurgica Brasileira</i> , 2016 , 31, 338-45	1.6	13
100	Bleeding and damage control surgery. <i>Current Opinion in Anaesthesiology</i> , 2016 , 29, 229-33	2.9	13
99	Cardiac compression of lung lower lobes after coronary artery bypass graft with cardiopulmonary bypass. <i>PLoS ONE</i> , 2013 , 8, e78643	3.7	12
98	Using pulse pressure variation or stroke volume variation to diagnose right ventricular failure?. <i>Critical Care</i> , 2010 , 14, 451; author reply 451	10.8	12

97	Cardiopulmonary bypass alters the pharmacokinetics of propranolol in patients undergoing cardiac surgery. <i>Brazilian Journal of Medical and Biological Research</i> , 2005 , 38, 713-21	2.8	12
96	Frequency of intraoperative cardiac arrest and medium-term survival. <i>Sao Paulo Medical Journal</i> , 2013 , 131, 309-14	1.6	11
95	Minimum alveolar concentrations and hemodynamic effects of two different preparations of sevoflurane in pigs. <i>Clinics</i> , 2010 , 65, 531-7	2.3	11
94	Evidence for myocardial defects under extreme acute normovolemic hemodilution with hydroxyethyl starch and lactated ringer solution. <i>Shock</i> , 2005 , 24, 388-95	3.4	11
93	A micromethod for quantitation of debrisoquine and 4-hydroxydebrisoquine in urine by liquid chromatography. <i>Brazilian Journal of Medical and Biological Research</i> , 2000 , 33, 509-14	2.8	11
92	A comparison of the cardiopulmonary effects of pressure controlled ventilation and volume controlled ventilation in healthy anesthetized dogs. <i>Journal of Veterinary Emergency and Critical Care</i> , 2016 , 26, 524-30	1.7	11
91	Heart Rate Variability Analysis in an Experimental Model of Hemorrhagic Shock and Resuscitation in Pigs. <i>PLoS ONE</i> , 2015 , 10, e0134387	3.7	10
90	Computed tomography assessment of lung structure in patients undergoing cardiac surgery with cardiopulmonary bypass. <i>Brazilian Journal of Medical and Biological Research</i> , 2011 , 44, 598-605	2.8	10
89	Potassium in hemorrhagic shock: a potential marker of tissue hypoxia. <i>Journal of Trauma</i> , 2010 , 68, 1335-41		10
88	Nitric oxide inhalation reduces pulmonary tidal volume during exercise in severe chronic heart failure. <i>American Heart Journal</i> , 1997 , 134, 737-44	4.9	10
87	Application of noninvasive ventilation in acute respiratory failure after cardiovascular surgery. <i>Arquivos Brasileiros De Cardiologia</i> , 2007 , 89, 270-6, 298-305	1.2	10
86	A comparative evaluation of inhaled halothane, isoflurane, and sevoflurane during acute normovolemic hemodilution in dogs. <i>Anesthesia and Analgesia</i> , 2005 , 100, 1014-1019	3.9	10
85	Effects of terlipressin as early treatment for protection of brain in a model of haemorrhagic shock. <i>Critical Care</i> , 2015 , 19, 107	10.8	9
84	Low hematocrit levels increase intracranial pressure in an animal model of cryogenic brain injury. <i>Journal of Trauma</i> , 2009 , 66, 720-6		9
83	Hypertonic saline solution increases cerebral perfusion pressure during clinical orthotopic liver transplantation for fulminant hepatic failure: preliminary results. <i>Clinics</i> , 2006 , 61, 231-8	2.3	9
82	Comparison of pH-stat versus Alpha-stat during hypothermic cardiopulmonary bypass in the prevention and control of acidosis in cardiac surgery. <i>Artificial Organs</i> , 2004 , 28, 347-52	2.6	9
81	Heart transplantation in children: clinical outcome during the early postoperative period. <i>Pediatric Transplantation</i> , 2005 , 9, 491-7	1.8	9
80	Anesthetic management of patients undergoing cardiomyoplasty. <i>Anesthesiology</i> , 1992 , 77, 379-81	4.3	9

79	The effect of premedication with ketamine, alone or with diazepam, on anaesthesia with sevoflurane in parrots (<i>Amazona aestiva</i>). <i>BMC Veterinary Research</i> , 2013 , 9, 142	2.7	8
78	Hemodynamic impact of alveolar recruitment maneuver in patients evolving with cardiogenic shock in the immediate postoperative period of myocardial revascularization. <i>Revista Brasileira De Anestesiologia</i> , 2008 , 58, 112-23	0.8	8
77	Guidelines on management of human infection with the novel virus influenza A (H1N1)--a report from the Hospital das Clínicas of the University of São Paulo. <i>Clinics</i> , 2009 , 64, 1015-24	2.3	8
76	PEEP-ZEEP technique: cardiorespiratory repercussions in mechanically ventilated patients submitted to a coronary artery bypass graft surgery. <i>Journal of Cardiothoracic Surgery</i> , 2011 , 6, 108	1.6	7
75	Diclofenac plasma protein binding: PK-PD modelling in cardiac patients submitted to cardiopulmonary bypass. <i>Brazilian Journal of Medical and Biological Research</i> , 1997 , 30, 369-74	2.8	7
74	Registry of Hospital das Clínicas of the University of São Paulo Medical School: first official solid organ and tissue transplantation report - 2008. <i>Clinics</i> , 2009 , 64, 127-34	2.3	7
73	Changes in the pulmonary glucocorticoid receptor content in the course of interstitial disease. <i>Chest</i> , 1985 , 88, 417-9	5.3	7
72	Massive pulmonary embolism during the postpartum period: Brief review about diagnosis, prophylaxis and early management. <i>Journal of Obstetrics and Gynaecology</i> , 2017 , 37, 1-4	1.3	6
71	Lung hyperinflation stimulates the release of inflammatory mediators in spontaneously breathing subjects. <i>Brazilian Journal of Medical and Biological Research</i> , 2010 , 43, 201-5	2.8	6
70	Penetration of cefuroxime in subcutaneous tissue during coronary artery bypass grafting surgery. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009 , 877, 3960-4	3.2	6
69	Effects of inhaled nitric oxide on respiratory system mechanics, hemodynamics, and gas exchange after cardiac surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 1998 , 12, 157-61	2.1	6
68	A micromethod for the quantification of atenolol in plasma using high-performance liquid chromatography with fluorescence detection: therapeutic drug monitoring of two patients with severe coronary insufficiency before cardiac surgery. <i>Therapeutic Drug Monitoring</i> , 2006 , 28, 237-44	3.2	6
67	Nebulization of Vancomycin Provides Higher Lung Tissue Concentrations than Intravenous Administration in Ventilated Female Piglets with Healthy Lungs. <i>Anesthesiology</i> , 2020 , 132, 1516-1527	4.3	6
66	Goal-directed therapy in patients with early acute kidney injury: a multicenter randomized controlled trial. <i>Clinics</i> , 2018 , 73, e327	2.3	6
65	Chronic Pain After Lung Transplantation and Its Impact on Quality of Life: A 4-Year Follow-up. <i>Transplantation Proceedings</i> , 2020 , 52, 1388-1393	1.1	5
64	Effect of hypertonic saline treatment on the inflammatory response after hydrochloric acid-induced lung injury in pigs. <i>Clinics</i> , 2015 , 70, 577-83	2.3	5
63	Pulse pressure variation is comparable with central venous pressure to guide fluid resuscitation in experimental hemorrhagic shock with endotoxemia. <i>Shock</i> , 2013 , 40, 303-11	3.4	5
62	Thoracic sympathetic block reduces respiratory system compliance. <i>Sao Paulo Medical Journal</i> , 2007 , 125, 9-14	1.6	5

61	Propranolol plasma monitoring in children submitted to surgery of tetralogy of Fallot by a micromethod using high performance liquid chromatography. <i>Clinics</i> , 2007 , 62, 215-24	2.3	5
60	Haemodynamic effects of pressure-controlled ventilation versus volume-controlled ventilation in patients submitted to cardiac surgery. <i>Clinical Intensive Care: International Journal of Critical & Coronary Care Medicine</i> , 1995 , 6, 100-6		5
59	Pulse pressure variation and stroke volume variation under different inhaled concentrations of isoflurane, sevoflurane and desflurane in pigs undergoing hemorrhage. <i>Clinics</i> , 2015 , 70, 804-9	2.3	5
58	Transforming operating rooms into intensive care units and the versatility of the physician anesthesiologist during the COVID-19 crisis. <i>Clinics</i> , 2020 , 75, e2023	2.3	5
57	SARS-CoV-2 pneumonia-receptor binding and lung immunopathology: a narrative review. <i>Critical Care</i> , 2021 , 25, 53	10.8	5
56	Changes in Purines Concentration in the Cerebrospinal Fluid of Pregnant Women Experiencing Pain During Active Labor. <i>Neurochemical Research</i> , 2015 , 40, 2262-9	4.6	4
55	Intraosseous anesthesia in hemodynamic studies in children with cardiopathy. <i>Revista Brasileira De Anestesiologia</i> , 2011 , 61, 41-9	0.8	4
54	Hemodynamic effects of PEEP in a porcine model of HCl-induced mild acute lung injury. <i>Acta Anaesthesiologica Scandinavica</i> , 2009 , 53, 190-202	1.9	4
53	Guidelines for inspiratory flow setting when measuring the pressure-volume relationship. <i>Anesthesia and Analgesia</i> , 2003 , 97, 145-50, table of contents	3.9	4
52	Effects of acute hypovolaemia by furosemide on tracheal transepithelial potential difference and mucus in dogs. <i>European Respiratory Journal</i> , 2004 , 24, 805-10	13.6	4
51	Heart transplantation in neonates and children. Intermediate-term results. <i>Arquivos Brasileiros De Cardiologia</i> , 2000 , 74, 197-208	1.2	4
50	Total intravenous anaesthesia with propofol-racemic ketamine and propofol-S-ketamine: a comparative study and haemodynamic evaluation in dogs undergoing ovariohysterectomy. <i>Pesquisa Veterinaria Brasileira</i> , 2008 , 28, 216-222	0.4	4
49	Volume replacement therapy during hip arthroplasty using hydroxyethyl starch (130/0.4) compared to lactated Ringer decreases allogeneic blood transfusion and postoperative infection. <i>Brazilian Journal of Anesthesiology (Elsevier)</i> , 2013 , 63, 27-35	0.2	3
48	The impact of tacrolimus as rescue therapy in children using a double immunosuppressive regimen after heart transplantation. <i>Transplantation Proceedings</i> , 2012 , 44, 2483-5	1.1	3
47	Effect of cardiopulmonary bypass on the pharmacokinetics of propranolol and atenolol. <i>Brazilian Journal of Medical and Biological Research</i> , 2009 , 42, 574-81	2.8	3
46	A comparison between pulse pressure variation and right end diastolic volume index as guides to resuscitation in a model of hemorrhagic shock in pigs. <i>Journal of Trauma</i> , 2009 , 67, 1225-32; discussion 1232		3
45	Comparative study of pressure- and volume-controlled ventilation on pulse pressure variation in a model of hypovolaemia in rabbits. <i>European Journal of Anaesthesiology</i> , 2008 , 25, 388-94	2.3	3
44	Comparison between intermittent and continuous measurement of cardiac output after acute normovolemic hemodilution in pigs. <i>Artificial Organs</i> , 2006 , 30, 458-66	2.6	3

43	Effects of massive transfusion on oxygen availability. <i>Sao Paulo Medical Journal</i> , 1998 , 116, 1675-80	1.6	3
42	Evaluation of hemodynamic effects of xenon in dogs undergoing hemorrhagic shock. <i>Clinics</i> , 2013 , 68, 231-8	2.3	3
41	Predictors and their prognostic value for no ROSC and mortality after a non-cardiac surgery intraoperative cardiac arrest: a retrospective cohort study. <i>Scientific Reports</i> , 2019 , 9, 14975	4.9	2
40	Heart transplantation in pediatric population and in adults with congenital heart disease: long-term follow-up, critical clinical analysis, and perspective for the future. <i>Transplantation Proceedings</i> , 2014 , 46, 1842-4	1.1	2
39	Comparative study related to cardiovascular safety between bupivacaine (S75-R25) and ropivacaine in brachial plexus block. <i>Revista Brasileira De Anestesiologia</i> , 2013 , 63, 322-6	0.8	2
38	Assessment of cardiac output (CO) is the holy grail of hemodynamic monitoring for the critically ill patient. <i>Journal of Trauma</i> , 2009 , 66, 1747-8		2
37	Pediatric cardiac postoperative care. <i>Revista Do Hospital Das Clinicas</i> , 2002 , 57, 115-23		2
36	Decreased 2,3-diphosphoglycerate concentration in low cardiac output patients and its influence on the determination of in vivo p50. <i>Artificial Organs</i> , 2003 , 27, 676-80	2.6	2
35	Clinical recommendations for postoperative care after heart transplantation in children: 21 years of a single-center experience. <i>Clinics</i> , 2014 , 69 Suppl 1, 47-50	2.3	2
34	Propensity score matching comparison of laparoscopic versus open surgery for rectal cancer in a middle-income country: short-term outcomes and cost analysis. <i>ClinicoEconomics and Outcomes Research</i> , 2018 , 10, 521-527	1.7	2
33	What is the World Health Summit for?. <i>Lancet, The</i> , 2014 , 384, 26	4.0	1
32	Experimental model of non-controlled hemorrhagic shock in pigs. <i>Revista Brasileira De Anestesiologia</i> , 2011 , 61, 793-7	0.8	1
31	Causas incomuns de instabilidade hemodinâmica durante revascularização miocárdica sem circulação extracorpórea. <i>Revista Brasileira De Anestesiologia</i> , 2010 , 60, 84-89	0.8	1
30	Ventilatory strategies for hypoxemia during cardiac surgery: survey validation for anesthesiologists in Brazil. <i>Revista Brasileira De Anestesiologia</i> , 2010 , 60, 406-14	0.8	1
29	Avaliação pulmonar em crianças portadoras de cardiopatia congênita acianótica e hiperfluxo pulmonar através de tomografia computadorizada. <i>Revista Brasileira De Anestesiologia</i> , 2009 , 59,	0.8	1
28	Hypothermia in cardiac surgery 2005 , 495-506		1
27	Paraplegia following intraaortic balloon circulatory assistance. <i>Arquivos Brasileiros De Cardiologia</i> , 1999 , 72, 490-495	1.2	1
26	Effects of protective mechanical ventilation during general anesthesia in patients undergoing peripheral vascular surgery: A randomized controlled trial. <i>Journal of Clinical Anesthesia</i> , 2020 , 61, 109656 ^{1.9}		1

25	Academic health centers: integration of clinical research with healthcare and education. Comments on a workshop. <i>Clinics</i> , 2018 , 73, e515s	2.3	1
24	Learning methodology in surgical training 2018 , 97, 7-11	0.1	0
23	Anesthesiology Journal club assessment by means of semantic changes. <i>Brazilian Journal of Anesthesiology (Elsevier)</i> , 2014 , 64, 258-62	0.2	
22	Terapia de Reposición Volumica durante la artroplastia de cadera usando Hidroxiethylalmidón (130/0,4). Comparado con Lactato de Ringer reduce la transfusión de sangre alogénica y la infección posoperatoria. <i>Brazilian Journal of Anesthesiology (Edición En Español)</i> , 2013 , 63, 27-36		
21	Comparative study related to cardiovascular safety between bupivacaine (S75-R25) and ropivacaine in brachial plexus block. <i>Brazilian Journal of Anesthesiology (Elsevier)</i> , 2013 , 63, 322-6	0.2	
20	Evaluation of neuronal apoptosis precursors in an experimental model of acute normovolemic hemodilution. <i>PLoS ONE</i> , 2014 , 9, e108366	3.7	
19	Hemodynamic changes during myocardial revascularization without extracorporeal circulation. <i>Revista Brasileira De Anestesiologia</i> , 2011 , 61, 434-46	0.8	
18	Assessment of the swallowing function in older individuals referred to myocardial revascularization surgery. <i>Prófono: Revista De Atualização Científica</i> , 2010 , 22, 385-90		
17	Continuous cardiac output monitoring during haemodynamic changes in off-pump coronary artery bypass grafting surgery. <i>European Journal of Anaesthesiology</i> , 2006 , 23, 890-2	2.3	
16	Pharmacology and selection of inotropic therapy 2005 , 461-472		
15	Myocardial Protection in Cardiac Surgery 1994 , 23-31		
14	Preparing Patients And Optimizing Processes In The Perioperative Period Of Cardiac Surgery: How To Redesign The Flow Of Care After COVID-19.. <i>Arquivos Brasileiros De Cardiologia</i> , 2022 , 118, 110-114	1.2	
13	Haemodynamic standardisation procedures in high-risk surgery 2005 , 437-448		
12	New Insights into Mechanical Ventilation During Paediatric Anaesthesia 2000 , 235-249		
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