

Alexandre B Cavalcanti

List of Publications by Year in descending order

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76
papers

9,267
citations

117453

34
h-index

58464

82
g-index

89
all docs

89
docs citations

89
times ranked

14820
citing authors

#	ARTICLE	IF	CITATIONS
1	Association Between Administration of Systemic Corticosteroids and Mortality Among Critically Ill Patients With COVID-19. JAMA - Journal of the American Medical Association, 2020, 324, 1330.	3.8	1,855
2	Effect of Dexamethasone on Days Alive and Ventilator-Free in Patients With Moderate or Severe Acute Respiratory Distress Syndrome and COVID-19. JAMA - Journal of the American Medical Association, 2020, 324, 1307.	3.8	983
3	Hydroxychloroquine with or without Azithromycin in Mild-to-Moderate Covid-19. New England Journal of Medicine, 2020, 383, 2041-2052.	13.9	903
4	Myocardial Injury after Noncardiac Surgery. Anesthesiology, 2014, 120, 564-578.	1.3	740
5	Association Between Administration of IL-6 Antagonists and Mortality Among Patients Hospitalized for COVID-19. JAMA - Journal of the American Medical Association, 2021, 326, 499.	3.8	498
6	How strong is the evidence for the use of perioperative β_2 blockers in non-cardiac surgery? Systematic review and meta-analysis of randomised controlled trials. BMJ: British Medical Journal, 2005, 331, 313-321.	2.4	366
7	Therapeutic versus prophylactic anticoagulation for patients admitted to hospital with COVID-19 and elevated D-dimer concentration (ACTION): an open-label, multicentre, randomised, controlled trial. Lancet, The, 2021, 397, 2253-2263.	6.3	366
8	Acetylcysteine for Prevention of Renal Outcomes in Patients Undergoing Coronary and Peripheral Vascular Angiography. Circulation, 2011, 124, 1250-1259.	1.6	326
9	Azithromycin in addition to standard of care versus standard of care alone in the treatment of patients admitted to the hospital with severe COVID-19 in Brazil (COALITION II): a randomised clinical trial. Lancet, The, 2020, 396, 959-967.	6.3	278
10	Period-dependent Associations between Hypotension during and for Four Days after Noncardiac Surgery and a Composite of Myocardial Infarction and Death. Anesthesiology, 2018, 128, 317-327.	1.3	200
11	Effect of High-Flow Oxygen Therapy vs Conventional Oxygen Therapy on Invasive Mechanical Ventilation and Clinical Recovery in Patients With Severe COVID-19. JAMA - Journal of the American Medical Association, 2021, 326, 2161.	3.8	163
12	Rivaroxaban in Patients with Atrial Fibrillation and a Bioprosthetic Mitral Valve. New England Journal of Medicine, 2020, 383, 2117-2126.	13.9	161
13	Effectiveness and Safety of an Extended ICU Visitation Model for Delirium Prevention: A Before and After Study*. Critical Care Medicine, 2017, 45, 1660-1667.	0.4	149
14	Ventilatory Variables and Mechanical Power in Patients with Acute Respiratory Distress Syndrome. American Journal of Respiratory and Critical Care Medicine, 2021, 204, 303-311.	2.5	148
15	Effect of a Quality Improvement Intervention With Daily Round Checklists, Goal Setting, and Clinician Prompting on Mortality of Critically Ill Patients. JAMA - Journal of the American Medical Association, 2016, 315, 1480.	3.8	133
16	Effects of a Resuscitation Strategy Targeting Peripheral Perfusion Status versus Serum Lactate Levels among Patients with Septic Shock. A Bayesian Reanalysis of the ANDROMEDA-SHOCK Trial. American Journal of Respiratory and Critical Care Medicine, 2020, 201, 423-429.	2.5	126
17	Organizational characteristics, outcomes, and resource use in 78 Brazilian intensive care units: the ORCHESTRA study. Intensive Care Medicine, 2015, 41, 2149-2160.	3.9	119
18	Association between pre-operative statin use and major cardiovascular complications among patients undergoing non-cardiac surgery: the VISION study. European Heart Journal, 2016, 37, 177-185.	1.0	108

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19	Effects of alveolar recruitment maneuvers on clinical outcomes in patients with acute respiratory distress syndrome: a systematic review and meta-analysis. <i>Intensive Care Medicine</i> , 2014, 40, 1227-1240.	3.9	99
20	Patterns of intravenous fluid resuscitation use in adult intensive care patients between 2007 and 2014: An international cross-sectional study. <i>PLoS ONE</i> , 2017, 12, e0176292.	1.1	95
21	Effect of Perioperative Insulin Infusion on Surgical Morbidity and Mortality: Systematic Review and Meta-analysis of Randomized Trials. <i>Mayo Clinic Proceedings</i> , 2008, 83, 418-430.	1.4	79
22	Prevalence, characteristics, and predictors of early termination of cardiovascular clinical trials due to low recruitment: Insights from the ClinicalTrials.gov registry. <i>American Heart Journal</i> , 2014, 168, 213-219.e1.	1.2	73
23	Effect of a Multifaceted Intervention on Use of Evidence-Based Therapies in Patients With Acute Coronary Syndromes in Brazil. <i>JAMA - Journal of the American Medical Association</i> , 2012, 307, 2041-9.	3.8	70
24	Balanced Crystalloids versus Saline in Critically Ill Adults – A Systematic Review with Meta-Analysis. , 2022, 1, .		65
25	Personalized medicine for ARDS: the 2035 research agenda. <i>Intensive Care Medicine</i> , 2016, 42, 756-767.	3.9	58
26	Incidence and risk factors of aplastic anemia in Latin American countries: the LATIN case-control study. <i>Haematologica</i> , 2009, 94, 1220-1226.	1.7	55
27	Three-Year Outcomes of Bariatric Surgery in Patients With Obesity and Hypertension. <i>Annals of Internal Medicine</i> , 2020, 173, 685-693.	2.0	55
28	A randomized controlled trial comparing a computer-assisted insulin infusion protocol with a strict and a conventional protocol for glucose control in critically ill patients. <i>Journal of Critical Care</i> , 2009, 24, 371-378.	1.0	52
29	Incidence and risk factors for agranulocytosis in Latin American countries—the Latin Study. <i>European Journal of Clinical Pharmacology</i> , 2008, 64, 921-929.	0.8	51
30	Effects of oral supplementation with probiotics or synbiotics in overweight and obese adults: a systematic review and meta-analyses of randomized trials. <i>Nutrition Reviews</i> , 2019, 77, 430-450.	2.6	49
31	Teicoplanin versus vancomycin for proven or suspected infection. <i>The Cochrane Library</i> , 2010, , CD007022.	1.5	47
32	Replacement of fentanyl infusion by enteral methadone decreases the weaning time from mechanical ventilation: a randomized controlled trial. <i>Critical Care</i> , 2012, 16, R49.	2.5	47
33	Long-Term Survival, Quality of Life, and Quality-Adjusted Survival in Critically Ill Patients With Cancer*. <i>Critical Care Medicine</i> , 2016, 44, 1327-1337.	0.4	45
34	Heterogeneous effects of alveolar recruitment in acute respiratory distress syndrome: a machine learning reanalysis of the Alveolar Recruitment for Acute Respiratory Distress Syndrome Trial. <i>British Journal of Anaesthesia</i> , 2019, 123, 88-95.	1.5	43
35	Pleiotropic effects of ezetimibe/simvastatin vs. high dose simvastatin. <i>International Journal of Cardiology</i> , 2012, 158, 400-404.	0.8	42
36	Effect of Tight Blood Glucose Control Versus Conventional Control in Patients with Type 2 Diabetes Mellitus: A Systematic Review with Meta-Analysis of Randomized Controlled Trials. <i>Cardiovascular Therapeutics</i> , 2013, 31, 147-160.	1.1	35

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37	Understanding recruitment maneuvers. <i>Intensive Care Medicine</i> , 2016, 42, 908-911.	3.9	35
38	Effect of Slower vs Faster Intravenous Fluid Bolus Rates on Mortality in Critically Ill Patients. <i>JAMA - Journal of the American Medical Association</i> , 2021, 326, 830.	3.8	35
39	Effects of Bariatric Surgery Versus Medical Therapy on the 24-Hour Ambulatory Blood Pressure and the Prevalence of Resistant Hypertension. <i>Hypertension</i> , 2019, 73, 571-577.	1.3	34
40	Predictive Accuracy of the Quick Sepsis-related Organ Failure Assessment Score in Brazil. A Prospective Multicenter Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 201, 789-798.	2.5	34
41	The Brazilian Cardioprotective Nutritional Program to reduce events and risk factors in secondary prevention for cardiovascular disease: study protocol (The BALANCE Program Trial). <i>American Heart Journal</i> , 2016, 171, 73-81.e2.	1.2	30
42	Acetylcysteine for the Prevention of Renal Outcomes in Patients With Diabetes Mellitus Undergoing Coronary and Peripheral Vascular Angiography. <i>Circulation: Cardiovascular Interventions</i> , 2013, 6, 139-145.	1.4	27
43	Neutropenia, agranulocytosis and dipyrone. <i>Sao Paulo Medical Journal</i> , 2005, 123, 247-249.	0.4	25
44	Implementation of a Brazilian Cardioprotective Nutritional (BALANCE) Program for improvement on quality of diet and secondary prevention of cardiovascular events: A randomized, multicenter trial. <i>American Heart Journal</i> , 2019, 215, 187-197.	1.2	25
45	Low- Versus High-Chloride Content Intravenous Solutions for Critically Ill and Perioperative Adult Patients: A Systematic Review and Meta-analysis. <i>Anesthesia and Analgesia</i> , 2018, 126, 513-521.	1.1	24
46	Acute Kidney Injury With Buffered Crystalloids vs Saline Among ICU Patients. <i>JAMA - Journal of the American Medical Association</i> , 2016, 315, 1520.	3.8	23
47	Randomized clinical trial to evaluate a routine full anticoagulation Strategy in Patients with Coronavirus Infection (SARS-CoV2) admitted to hospital: Rationale and design of the ACTION (AntiCoagulaTion cOroNavirus)â€“Coalition IV trial. <i>American Heart Journal</i> , 2021, 238, 1-11.	1.2	19
48	Study protocol for the Balanced Solution versus Saline in Intensive Care Study (BaSICS): a factorial randomised trial. <i>Critical Care and Resuscitation: Journal of the Australasian Academy of Critical Care Medicine</i> , 2017, 19, 175-182.	0.0	19
49	Inaccuracy of Venous Point-of-Care Glucose Measurements in Critically Ill Patients: A Cross-Sectional Study. <i>PLoS ONE</i> , 2015, 10, e0129568.	1.1	16
50	Three-year effects of bariatric surgery on obstructive sleep apnea in patients with obesity grade 1 and 2: a sub-analysis of the GATEWAY trial. <i>International Journal of Obesity</i> , 2021, 45, 914-917.	1.6	13
51	Identification of acute respiratory distress syndrome subphenotypes de novo using routine clinical data: a retrospective analysis of ARDS clinical trials. <i>BMJ Open</i> , 2022, 12, e053297.	0.8	13
52	Double Blinded Randomized Trial of Subcutaneous Trigeminal Nerve Stimulation as Adjuvant Treatment for Major Unipolar Depressive Disorder. <i>Neurosurgery</i> , 2019, 85, 717-728.	0.6	12
53	A randomized clinical trial to evaluate the efficacy and safety of rivaroxaban in patients with bioprosthetic mitral valve and atrial fibrillation or flutter: Rationale and design of the RIVER trial. <i>American Heart Journal</i> , 2021, 231, 128-136.	1.2	12
54	Prostaglandins for adult liver transplanted patients. <i>The Cochrane Library</i> , 2011, , CD006006.	1.5	11

#	ARTICLE	IF	CITATIONS
55	The Brazilian Registry of Adult Patient Undergoing Cardiovascular Surgery, the BYPASS Project: Results of the First 1,722 Patients. <i>Brazilian Journal of Cardiovascular Surgery</i> , 2017, 32, 71-76.	0.2	11
56	Cochrane meta-analysis: teicoplanin versus vancomycin for proven or suspected infection. <i>Einstein (Sao Paulo, Brazil)</i> , 2011, 9, 265-282.	0.3	10
57	Structure and process associated with the efficiency of intensive care units in low-resource settings: An analysis of the CHECKLIST-ICU trial database. <i>Journal of Critical Care</i> , 2020, 59, 118-123.	1.0	8
58	A multifaceted intervention to narrow the evidence-based gap in the treatment of acute coronary syndromes: Rationale and design of the Brazilian Intervention to Increase Evidence Usage in Acute Coronary Syndromes (BRIDGE-ACS) cluster-randomized trial. <i>American Heart Journal</i> , 2012, 163, 323-329.e1.	1.2	7
59	Avalia�o da percep�o de enfermeiros sobre tr�s protocolos para controle glic�mico em pacientes cr�ticos. <i>Einstein (Sao Paulo, Brazil)</i> , 2012, 10, 347-353.	0.3	7
60	Is Selective Digestive Decontamination Useful for Critically Ill Patients?. <i>Shock</i> , 2017, 47, 52-57.	1.0	7
61	Hydroxyethyl Starch for Fluid Replacement Therapy in High-Risk Surgical Patients. <i>JAMA - Journal of the American Medical Association</i> , 2020, 323, 217.	3.8	7
62	Fluid composition and acute kidney injury. <i>Current Opinion in Critical Care</i> , 2016, 22, 533-541.	1.6	4
63	How to assess intensive care randomized trials. <i>Revista Brasileira De Terapia Intensiva</i> , 2009, 21, 219-25.	0.1	3
64	Prognostic Score for Acute Coronary Syndrome in a Private Tertiary Hospital. <i>Arquivos Brasileiros De Cardiologia</i> , 2014, 102, 226-36.	0.3	2
65	Response by Schiavon et al to Letters Regarding Article, "Effects of Bariatric Surgery in Obese Patients With Hypertension: The GATEWAY Randomized Trial (Gastric Bypass to Treat Obese Patients With Steady) Tj ETQq1.d 0.784314 rgBT		
66	Bundle of Coated Devices to Reduce Nosocomial Infections in the Intensive Care Unit. CRITIC Pilot Randomized Controlled Trial. <i>Annals of the American Thoracic Society</i> , 2020, 17, 1257-1263.	1.5	2
67	Brazilian guidelines in critical care: let�ms face this challenge.... <i>Revista Brasileira De Terapia Intensiva</i> , 2016, 28, 213-214.	0.1	2
68	High flow nasal catheter therapy versus non-invasive positive pressure ventilation in acute respiratory failure (RENOVATE trial): protocol and statistical analysis plan. <i>Critical Care and Resuscitation: Journal of the Australasian Academy of Critical Care Medicine</i> , 2022, 24, 61-70.	0.0	2
69	Quality Improvement Intervention and Mortality of Critically Ill Patients�Reply. <i>JAMA - Journal of the American Medical Association</i> , 2016, 316, 879.	3.8	1
70	Unfavourable effects of medically indicated oral anticoagulants on survival in idiopathic pulmonary fibrosis: methodological concerns. <i>European Respiratory Journal</i> , 2016, 48, 1523-1524.	3.1	1
71	Does the RYGB Common Limb Length influence Hypertension Remission, Weight Loss and Cardio-Metabolic Parameters? Data from the GATEWAY TRIAL. <i>Surgery for Obesity and Related Diseases</i> , 2018, 14, S1.	1.0	1
72	A cluster-randomised trial of a multifaceted quality improvement intervention in Brazilian intensive care units (Checklist-ICU trial): statistical analysis plan. <i>Critical Care and Resuscitation: Journal of the Australasian Academy of Critical Care Medicine</i> , 2015, 17, 113-21.	0.0	1

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73	Slower vs Faster Intravenous Fluid Bolus Rates and Mortality in Critically Ill Patientsâ€™ Reply. JAMA - Journal of the American Medical Association, 2021, 326, 2332.	3.8	1
74	Higher PEEP for acute respiratory distress syndrome: a Bayesian meta-analysis of randomised clinical trials. Critical Care and Resuscitation: Journal of the Australasian Academy of Critical Care Medicine, 2021, 23, 171-182.	0.0	0
75	TELE-critical Care verSus usual Care On ICU PErformance (TELESCOPE): protocol for a cluster-randomised clinical trial on adult general ICUs in Brazil. BMJ Open, 2021, 11, e042302.	0.8	0
76	Protocol for balanced versus saline trialists: living systematic review and individual patient data meta-analysis of randomised controlled trials (BEST-Living study). Critical Care and Resuscitation: Journal of the Australasian Academy of Critical Care Medicine, 2022, 24, 128-136.	0.0	0