

Ary Serpa Neto

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.

238
papers

5,195
citations

37
h-index

67
g-index

338
ext. papers

7,024
ext. citations

7
avg, IF

5.56
L-index

#	Paper	IF	Citations
238	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	3	0
237	Angiotensin II infusion in COVID-19: An international, multicenter, registry-based study.. <i>Journal of Medical Virology</i> , 2022 ,	19.7	2
236	Geo-economic variations in epidemiology, ventilation management and outcome of patients receiving intraoperative ventilation during general anesthesia- posthoc analysis of an observational study in 29 countries.. <i>BMC Anesthesiology</i> , 2022 , 22, 15	2.4	
235	Association of PEEP and Lung Recruitment Selection Strategies with Mortality in Acute Respiratory Distress Syndrome: A Systematic Review and Network Meta-Analysis.. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022 ,	10.2	3
234	Clinical characteristics, physiological features, and outcomes associated with hypercapnia in patients with acute hypoxemic respiratory failure due to COVID-19---insights from the PRoVENT-COVID study.. <i>Journal of Critical Care</i> , 2022 , 69, 154022	4	0
233	Associations of dynamic driving pressure and mechanical power with postoperative pulmonary complications-posthoc analysis of two randomised clinical trials in open abdominal surgery.. <i>EClinicalMedicine</i> , 2022 , 47, 101397	11.3	0
232	Effect of Automated Closed-loop ventilation versus conventional Ventilation on duration and quality of ventilation in critically ill patients (ACTIVE) - study protocol of a randomized clinical trial.. <i>Trials</i> , 2022 , 23, 348	2.8	0
231	Low tidal volume ventilation is associated with mortality in COVID-19 patients-Insights from the PRoVENT-COVID study.. <i>Journal of Critical Care</i> , 2022 , 70, 154047	4	1
230	Intraoperative low tidal volume ventilation and the risk of ICD-10 coded delirium and the use for antipsychotic medications.. <i>BMC Anesthesiology</i> , 2022 , 22, 149	2.4	
229	Acute Kidney Injury and Renal Replacement Therapy in Critically Ill COVID-19 Patients: Risk Factors and Outcomes: A Single-Center Experience in Brazil. <i>Blood Purification</i> , 2021 , 50, 520-530	3.1	16
228	NephroCheck [®] Quality Test. <i>Blood Purification</i> , 2021 , 50, 489-491	3.1	
227	Geoeconomic variations in epidemiology, ventilation management, and outcomes in invasively ventilated intensive care unit patients without acute respiratory distress syndrome: a pooled analysis of four observational studies.. <i>The Lancet Global Health</i> , 2021 ,	13.6	2
226	The impact of COVID-19 critical illness on new disability, functional outcomes and return to work at 6 months: a prospective cohort study. <i>Critical Care</i> , 2021 , 25, 382	10.8	7
225	TELE-critical Care verSus usual Care On ICU Performance (TELESCOPE): protocol for a cluster-randomised clinical trial on adult general ICUs in Brazil. <i>BMJ Open</i> , 2021 , 11, e042302	3	
224	Prognostication using SpO ₂ /FiO ₂ in invasively ventilated ICU patients with ARDS due to COVID-19 - Insights from the PRoVENT-COVID study. <i>Journal of Critical Care</i> , 2021 , 68, 31-37	4	3
223	Postoperative hypothermia following non-cardiac high-risk surgery: A prospective study of temporal patterns and risk factors. <i>PLoS ONE</i> , 2021 , 16, e0259789	3.7	
222	Effect of INTELLiVENT-ASV versus Conventional Ventilation on Ventilation Intensity in Patients with COVID-19 ARDS-An Observational Study. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	1

221	Association of Time-Varying Intensity of Ventilation With Mortality in Patients With COVID-19 ARDS: Secondary Analysis of the PRoVENT-COVID Study. <i>Frontiers in Medicine</i> , 2021 , 8, 725265	4.9	1
220	Incidence and Practice of Early Prone Positioning in Invasively Ventilated COVID-19 Patients-Insights from the PRoVENT-COVID Observational Study. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	1
219	Effect of Convalescent Plasma on Organ Support-Free Days in Critically Ill Patients With COVID-19: A Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2021 , 326, 1690-1702	27.4	37
218	Longitudinal respiratory subphenotypes in patients with COVID-19-related acute respiratory distress syndrome: results from three observational cohorts. <i>Lancet Respiratory Medicine</i> , 2021 , 9, 1377-1386	35.1	13
217	Heterogeneity of Effect of Net Ultrafiltration Rate among Critically Ill Adults Receiving Continuous Renal Replacement Therapy. <i>Blood Purification</i> , 2021 , 50, 336-346	3.1	3
216	The Association of Intraoperative driving pressure with postoperative pulmonary complications in open versus closed abdominal surgery patients - a posthoc propensity score-weighted cohort analysis of the LAS VEGAS study. <i>BMC Anesthesiology</i> , 2021 , 21, 84	2.4	6
215	Instrumental dead space in ventilator management - Authors' reply. <i>Lancet Respiratory Medicine</i> , 2021 , 9, e23	35.1	2
214	Associations of Body Mass Index with Ventilation Management and Clinical Outcomes in Invasively Ventilated Patients with ARDS Related to COVID-19-Insights from the PRoVENT-COVID Study. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	4
213	A pilot double-blind safety and feasibility randomized controlled trial of high-dose intravenous zinc in hospitalized COVID-19 patients. <i>Journal of Medical Virology</i> , 2021 , 93, 3261-3267	19.7	13
212	Do neurocritical care units improve outcomes for brain-injured adults: a protocol for a systematic review and meta-analysis. <i>BMJ Open</i> , 2021 , 11, e043981	3	0
211	Modeling intra-abdominal volume and respiratory driving pressure during pneumoperitoneum insufflation-a patient-level data meta-analysis. <i>Journal of Applied Physiology</i> , 2021 , 130, 721-728	3.7	2
210	Early sedation with dexmedetomidine in ventilated critically ill patients and heterogeneity of treatment effect in the SPICE III randomised controlled trial. <i>Intensive Care Medicine</i> , 2021 , 47, 455-466	14.5	9
209	Antibiotic stewardship in direct-to-consumer telemedicine consultations leads to high adherence to best practice guidelines and a low prescription rate. <i>International Journal of Infectious Diseases</i> , 2021 , 105, 130-134	10.5	2
208	The Perme Mobility Index: A new concept to assess mobility level in patients with coronavirus (COVID-19) infection. <i>PLoS ONE</i> , 2021 , 16, e0250180	3.7	1
207	Quantifying the Effect of Lower vs Higher Positive End-Expiratory Pressure on Ventilator-Free Survival in ICU Patients-Reply. <i>JAMA - Journal of the American Medical Association</i> , 2021 , 325, 1567-1568	27.4	
206	Ventilation management in acute respiratory failure related to COVID-19 versus ARDS from another origin - a descriptive narrative review. <i>Expert Review of Respiratory Medicine</i> , 2021 , 15, 1013-1023	3.8	0
205	Time to Initiation of Renal Replacement Therapy Among Critically Ill Patients With Acute Kidney Injury: A Current Systematic Review and Meta-Analysis. <i>Critical Care Medicine</i> , 2021 , 49, e781-e792	1.4	0
204	Effect of spontaneous breathing on ventilator-free days in critically ill patients-an analysis of patients in a large observational cohort. <i>Annals of Translational Medicine</i> , 2021 , 9, 783	3.2	1

203	Practice of adjunctive treatments in critically ill COVID-19 patients-rational for the multicenter observational PRoACT-COVID study in The Netherlands. <i>Annals of Translational Medicine</i> , 2021 , 9, 813	3.2	1
202	Dead space estimates may not be independently associated with 28-day mortality in COVID-19 ARDS. <i>Critical Care</i> , 2021 , 25, 171	10.8	5
201	Continuous Renal Replacement Therapy: The Interaction between Fluid Balance and Net Ultrafiltration. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021 , 203, 1199-1201	10.2	3
200	Immunosuppressive strategies in invasively ventilated ARDS COVID-19 patients. <i>Minerva Anestesiologica</i> , 2021 , 87, 891-902	1.9	4
199	Association between Net Ultrafiltration Rate and Renal Recovery among Critically Ill Adults with Acute Kidney Injury Receiving Continuous Renal Replacement Therapy: An Observational Cohort Study. <i>Blood Purification</i> , 2021 , 1-13	3.1	6
198	Early net ultrafiltration rate and mortality in critically ill patients receiving continuous renal replacement therapy. <i>Nephrology Dialysis Transplantation</i> , 2021 , 36, 1112-1119	4.3	12
197	Prevalence, Characteristics, Risk Factors, and Outcomes of Invasively Ventilated COVID-19 Patients with Acute Kidney Injury and Renal Replacement Therapy. <i>Blood Purification</i> , 2021 , 50, 102-109	3.1	30
196	Rapid Translation of COVID-19 Preprint Data into Critical Care Practice. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021 , 203, 368-371	10.2	3
195	Ventilation management and clinical outcomes in invasively ventilated patients with COVID-19 (PRoVENT-COVID): a national, multicentre, observational cohort study. <i>Lancet Respiratory Medicine</i> , 2021 , 9, 139-148	35.1	101
194	Ventilation and outcomes following robotic-assisted abdominal surgery: an international, multicentre observational study. <i>British Journal of Anaesthesia</i> , 2021 , 126, 533-543	5.4	3
193	Epidemiological Characteristics, Ventilator Management, and Clinical Outcome in Patients Receiving Invasive Ventilation in Intensive Care Units from 10 Asian Middle-Income Countries (PRoVENT-iMiC): An International, Multicenter, Prospective Study. <i>American Journal of Tropical Medicine and Hygiene</i> , 2021 ,	3.2	11
192	Effect of Tidal Volume on Pulmonary Outcomes After Surgery-Reply. <i>JAMA - Journal of the American Medical Association</i> , 2021 , 325, 307-308	27.4	
191	Pragmatic Recommendations for the Management of Acute Respiratory Failure and Mechanical Ventilation in Patients with COVID-19 in Low- and Middle-Income Countries. <i>American Journal of Tropical Medicine and Hygiene</i> , 2021 ,	3.2	5
190	Ventilation practices in burn patients-an international prospective observational cohort study.. <i>Burns and Trauma</i> , 2021 , 9, tkab034	5.3	0
189	The effects of acute kidney injury in a multicenter cohort of high-risk surgical patients. <i>Renal Failure</i> , 2021 , 43, 1338-1348	2.9	1
188	Sex difference and intra-operative tidal volume: Insights from the LAS VEGAS study. <i>European Journal of Anaesthesiology</i> , 2021 , 38, 1034-1041	2.3	3
187	The LAS VEGAS study on epidemiology, ventilator management and outcome in patients receiving intra-operative ventilation: Cohort stratified for types of surgery and airway device. <i>European Journal of Anaesthesiology</i> , 2021 , 38, 206-209	2.3	
186	Incidence and management of metabolic acidosis with sodium bicarbonate in the ICU: An international observational study. <i>Critical Care</i> , 2021 , 25, 45	10.8	4

185	International multicentre observational study to evaluate the association between perioperative red blood cell transfusions and 1-year mortality after major cancer surgery (ARCA-1): study design, statistical analysis plan and study protocol. <i>BMJ Open</i> , 2021 , 11, e043453	3	
184	Association of early positive end-expiratory pressure settings with ventilator-free days in patients with coronavirus disease 2019 acute respiratory distress syndrome: A secondary analysis of the Practice of VENTilation in COVID-19 study. <i>European Journal of Anaesthesiology</i> , 2021 , 38, 1274-1283	2.3	1
183	Impact of sex on use of low tidal volume ventilation in invasively ventilated ICU patients-A mediation analysis using two observational cohorts. <i>PLoS ONE</i> , 2021 , 16, e0253933	3.7	3
182	How cutting-edge trial design can assess outcomes. <i>Current Opinion in Critical Care</i> , 2021 , 27, 520-526	3.5	0
181	Comparison of Critical Care Occupancy and Outcomes of Critically Ill Patients during the 2020 COVID-19 Winter Surge and 2009 H1N1 Influenza Pandemic in Australia. <i>Annals of the American Thoracic Society</i> , 2021 , 18, 1380-1389	4.7	2
180	Association of intensity of ventilation with 28-day mortality in COVID-19 patients with acute respiratory failure: insights from the PRoVENT-COVID study. <i>Critical Care</i> , 2021 , 25, 283	10.8	5
179	An Exploratory Analysis of the Association between Hypercapnia and Hospital Mortality in Critically Ill Patients with Sepsis. <i>Annals of the American Thoracic Society</i> , 2021 ,	4.7	3
178	Association of different positive end-expiratory pressure selection strategies with all-cause mortality in adult patients with acute respiratory distress syndrome. <i>Systematic Reviews</i> , 2021 , 10, 225	3	1
177	Practice of tracheostomy in patients with acute respiratory failure related to COVID-19 - Insights from the PRoVENT-COVID study. <i>Pulmonology</i> , 2021 ,	3.7	1
176	The comparative epidemiology and outcomes of hospitalized patients treated with SGLT2 or DPP4 inhibitors. <i>Journal of Diabetes and Its Complications</i> , 2021 , 35, 108052	3.2	1
175	Imatinib in patients with severe COVID-19: a randomised, double-blind, placebo-controlled, clinical trial. <i>Lancet Respiratory Medicine</i> , 2021 , 9, 957-968	35.1	26
174	Battling COVID-19-related mortality: from a fight for ventilators to a cry for oxygen. <i>Lancet Respiratory Medicine</i> , 2021 , 9, 939-941	35.1	1
173	A Phase II Cluster-Crossover Randomized Trial of Fentanyl versus Morphine for Analgosedation in Mechanically Ventilated Patients. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021 , 204, 1286-1294	10.2	0
172	Mortality associated with early changes in ARDS severity in COVID-19 patients - Insights from the PRoVENT-COVID study. <i>Journal of Critical Care</i> , 2021 , 65, 237-245	4	1
171	The effects of preoperative moderate to severe anaemia on length of hospital stay: A propensity score-matched analysis in non-cardiac surgery patients. <i>European Journal of Anaesthesiology</i> , 2021 , 38, 571-581	2.3	0
170	Sex Differences in Use of Low Tidal Volume Ventilation in COVID-19-Insights From the PRoVENT-COVID Study.. <i>Frontiers in Medicine</i> , 2021 , 8, 780005	4.9	0
169	Current and evolving standards of care for patients with ARDS. <i>Intensive Care Medicine</i> , 2020 , 46, 2157-2167	14.5	24
168	Mechanical ventilation in patients with acute brain injury: recommendations of the European Society of Intensive Care Medicine consensus. <i>Intensive Care Medicine</i> , 2020 , 46, 2397-2410	14.5	41

167	Angiotensin II infusion in COVID-19-associated vasodilatory shock: a case series. <i>Critical Care</i> , 2020 , 24, 227	10.8	21
166	Effectiveness of prothrombin complex concentrate for the treatment of bleeding: A systematic review and meta-analysis. <i>Journal of Thrombosis and Haemostasis</i> , 2020 , 18, 2457-2467	15.4	19
165	Organizational factors associated with adherence to low tidal volume ventilation: a secondary analysis of the CHECKLIST-ICU database. <i>Annals of Intensive Care</i> , 2020 , 10, 68	8.9	3
164	Effects of higher PEEP and recruitment manoeuvres on mortality in patients with ARDS: a systematic review, meta-analysis, meta-regression and trial sequential analysis of randomized controlled trials. <i>Intensive Care Medicine Experimental</i> , 2020 , 8, 39	3.7	18
163	Epidemiology and outcome of high-surgical-risk patients admitted to an intensive care unit in Brazil. <i>Revista Brasileira De Terapia Intensiva</i> , 2020 , 32, 17-27	1.2	4
162	The predictive validity for mortality of the driving pressure and the mechanical power of ventilation. <i>Intensive Care Medicine Experimental</i> , 2020 , 8, 60	3.7	3
161	Re-evaluation of the effects of high PEEP with recruitment manoeuvres versus low PEEP without recruitment manoeuvres during general anaesthesia for surgery -Protocol and statistical analysis plan for an individual patient data meta-analysis of PROVHILO, iPROVE and PROBESE. <i>Revista Española De Anestesiología Y Reanimación</i> , 2020 , 67, 76-89	0.9	1
160	Intraabdominal Pressure Targeted Positive End-expiratory Pressure during Laparoscopic Surgery: An Open-label, Nonrandomized, Crossover, Clinical Trial. <i>Anesthesiology</i> , 2020 , 132, 667-677	4.3	9
159	Myocardial Function during Low versus Intermediate Tidal Volume Ventilation in Patients without Acute Respiratory Distress Syndrome. <i>Anesthesiology</i> , 2020 , 132, 1102-1113	4.3	7
158	Comparison of three transfusion protocols prior to central venous catheterization in patients with cirrhosis: A randomized controlled trial. <i>Journal of Thrombosis and Haemostasis</i> , 2020 , 18, 560-570	15.4	16
157	Hourly Fluid Balance in Patients Receiving Continuous Renal Replacement Therapy. <i>Blood Purification</i> , 2020 , 49, 93-101	3.1	3
156	Assessment of the peripheral microcirculation in patients with and without shock: a pilot study on different methods. <i>Journal of Clinical Monitoring and Computing</i> , 2020 , 34, 1167-1176	2	3
155	PRactice of VENTilation in Patients with Novel Coronavirus Disease (PRoVENT-COVID): rationale and protocol for a national multicenter observational study in The Netherlands. <i>Annals of Translational Medicine</i> , 2020 , 8, 1251	3.2	14
154	Effect of a Lower vs Higher Positive End-Expiratory Pressure Strategy on Ventilator-Free Days in ICU Patients Without ARDS: A Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2020 , 324, 2509-2520	27.4	17
153	Fully automated postoperative ventilation in cardiac surgery patients: a randomised clinical trial. <i>British Journal of Anaesthesia</i> , 2020 , 125, 739-749	5.4	9
152	Intraoperative mechanical ventilation practice in thoracic surgery patients and its association with postoperative pulmonary complications: results of a multicenter prospective observational study. <i>BMC Anesthesiology</i> , 2020 , 20, 179	2.4	3
151	Intensive care unit patients' opinion on enrollment in clinical research: A multicenter survey. <i>PLoS ONE</i> , 2020 , 15, e0236675	3.7	1
150	P1460 MEDIATORS OF THE IMPACT OF HOURLY NET ULTRAFILTRATION RATE ON MORTALITY IN CRITICALLY ILL PATIENTS RECEIVING CONTINUOUS RENAL REPLACEMENT THERAPY. <i>Nephrology Dialysis Transplantation</i> , 2020 , 35,	4.3	7

149	Effect of Intraoperative Low Tidal Volume vs Conventional Tidal Volume on Postoperative Pulmonary Complications in Patients Undergoing Major Surgery: A Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2020 , 324, 848-858	27.4	40
148	Coexistent HIV infection is not associated with increased in-hospital mortality in critically ill patients with cancer. <i>Intensive Care Medicine</i> , 2020 , 46, 2105-2107	14.5	
147	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. <i>Lancet, The</i> , 2020 , 396, 959-967	40	183
146	Mediators of the Impact of Hourly Net Ultrafiltration Rate on Mortality in Critically Ill Patients Receiving Continuous Renal Replacement Therapy. <i>Critical Care Medicine</i> , 2020 , 48, e934-e942	1.4	10
145	Intraoperative ventilator settings and their association with postoperative pulmonary complications in neurosurgical patients: post-hoc analysis of LAS VEGAS study. <i>BMC Anesthesiology</i> , 2020 , 20, 73	2.4	4
144	Mobilization practices in the ICU: A nationwide 1-day point- prevalence study in Brazil. <i>PLoS ONE</i> , 2020 , 15, e0230971	3.7	8
143	Lung Ultrasound for Detection of Pulmonary Complications in Critically Ill Obstetric Patients in a Resource-Limited Setting. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020 ,	3.2	3
142	Sodium bicarbonate in 5% dextrose: can clinicians tell the difference?. <i>Critical Care and Resuscitation: Journal of the Australasian Academy of Critical Care Medicine</i> , 2020 , 22, 80-82	2.8	1
141	Stability of bicarbonate in normal saline: a technical report. <i>Critical Care and Resuscitation: Journal of the Australasian Academy of Critical Care Medicine</i> , 2020 , 22, 83-85	2.8	1
140	Characteristics, treatment, outcomes and cause of death of invasively ventilated patients with COVID-19 ARDS in Milan, Italy. <i>Critical Care and Resuscitation: Journal of the Australasian Academy of Critical Care Medicine</i> , 2020 ,	2.8	54
139	Home ventilators for invasive ventilation of patients with COVID-19. <i>Critical Care and Resuscitation: Journal of the Australasian Academy of Critical Care Medicine</i> , 2020 ,	2.8	1
138	Recent exposure to smoking and COVID-19. <i>Critical Care and Resuscitation: Journal of the Australasian Academy of Critical Care Medicine</i> , 2020 ,	2.8	2
137	Characteristics, treatment, outcomes and cause of death of invasively ventilated patients with COVID-19 ARDS in Milan, Italy. <i>Critical Care and Resuscitation: Journal of the Australasian Academy of Critical Care Medicine</i> , 2020 , 22, 200-211	2.8	45
136	Recent exposure to smoking and COVID-19. <i>Critical Care and Resuscitation: Journal of the Australasian Academy of Critical Care Medicine</i> , 2020 , 22, 253-256	2.8	2
135	Home ventilators for invasive ventilation of patients with COVID-19. <i>Critical Care and Resuscitation: Journal of the Australasian Academy of Critical Care Medicine</i> , 2020 , 22, 266-270	2.8	2
134	Sodium bicarbonate therapy for metabolic acidosis in critically ill patients: a survey of Australian and New Zealand intensive care clinicians. <i>Critical Care and Resuscitation: Journal of the Australasian Academy of Critical Care Medicine</i> , 2020 , 22, 275-280	2.8	1
133	Mobilization practices in the ICU: A nationwide 1-day point- prevalence study in Brazil 2020 , 15, e0230971		
132	Mobilization practices in the ICU: A nationwide 1-day point- prevalence study in Brazil 2020 , 15, e0230971		

131	Mobilization practices in the ICU: A nationwide 1-day point- prevalence study in Brazil 2020 , 15, e0230971		
130	Mobilization practices in the ICU: A nationwide 1-day point- prevalence study in Brazil 2020 , 15, e0230971		
129	Mobilization practices in the ICU: A nationwide 1-day point- prevalence study in Brazil 2020 , 15, e0230971		
128	Mobilization practices in the ICU: A nationwide 1-day point- prevalence study in Brazil 2020 , 15, e0230971		
127	Intensive care unit patients' opinion on enrollment in clinical research: A multicenter survey 2020 , 15, e0236675		
126	Intensive care unit patients' opinion on enrollment in clinical research: A multicenter survey 2020 , 15, e0236675		
125	Intensive care unit patients' opinion on enrollment in clinical research: A multicenter survey 2020 , 15, e0236675		
124	The tidal volume fix and more <i>Journal of Thoracic Disease</i> , 2019 , 11, E117-E122	2.6	5
123	Normalization of mechanical power to anthropometric indices: impact on its association with mortality in critically ill patients. <i>Intensive Care Medicine</i> , 2019 , 45, 1835-1837	14.5	3
122	An Evaluation of the Influence of Body Mass Index on Severity Scoring. <i>Critical Care Medicine</i> , 2019 , 47, 247-253	1.4	7
121	Effect of Intraoperative High Positive End-Expiratory Pressure (PEEP) With Recruitment Maneuvers vs Low PEEP on Postoperative Pulmonary Complications in Obese Patients: A Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2019 , 321, 2292-2305	27.4	104
120	Temporal Changes in Ventilator Settings in Patients With Uninjured Lungs: A Systematic Review. <i>Anesthesia and Analgesia</i> , 2019 , 129, 129-140	3.9	13
119	Tidal Volume Ventilation Strategy in ICU Patients Without ARDS-Reply. <i>JAMA - Journal of the American Medical Association</i> , 2019 , 321, 1312-1313	27.4	1
118	The calculation of mechanical power is not suitable for intra-patient monitoring under pressure-controlled ventilation. <i>Intensive Care Medicine</i> , 2019 , 45, 749-750	14.5	9
117	Current Challenges in the Management of Sepsis in ICUs in Resource-Poor Settings and Suggestions for the Future 2019 , 1-24		1
116	Ventilatory Support of Patients with Sepsis or Septic Shock in Resource-Limited Settings 2019 , 131-149		1
115	SEVERITAS: An externally validated mortality prediction for critically ill patients in low and middle-income countries. <i>International Journal of Medical Informatics</i> , 2019 , 131, 103959	5.3	8
114	Near-infrared spectroscopy parameters in patients undergoing continuous venovenous hemodiafiltration. <i>Einstein (Sao Paulo, Brazil)</i> , 2019 , 17, eAO4439	1.2	1

113	Core Elements of General Supportive Care for Patients with Sepsis and Septic Shock in Resource-Limited Settings 2019 , 85-129		1
112	Respiratory mechanics 2019 , 8-15		
111	Methodological description of clinical research data collection through electronic medical records in a center participating in an international multicenter study. <i>Einstein (Sao Paulo, Brazil)</i> , 2019 , 17, eAE4791	1.3	0
110	Procalcitonin as a Diagnostic, Therapeutic, and Prognostic Tool: a Critical Review. <i>Current Treatment Options in Infectious Diseases</i> , 2019 , 11, 1-11	1	
109	Associations between changes in oxygenation, dead space and driving pressure induced by the first prone position session and mortality in patients with acute respiratory distress syndrome. <i>Journal of Thoracic Disease</i> , 2019 , 11, 5004-5013	2.6	10
108	Outcomes of Patients Presenting with Mild Acute Respiratory Distress Syndrome: Insights from the LUNG SAFE Study. <i>Anesthesiology</i> , 2019 , 130, 263-283	4.3	21
107	Low tidal volume ventilation during anaesthesia for major surgery: protocol and statistical analysis plan. <i>Critical Care and Resuscitation: Journal of the Australasian Academy of Critical Care Medicine</i> , 2019 , 21, 243-50	2.8	3
106	Effect of On-Demand vs Routine Nebulization of Acetylcysteine With Salbutamol on Ventilator-Free Days in Intensive Care Unit Patients Receiving Invasive Ventilation: A Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2018 , 319, 993-1001	27.4	14
105	PROGINS Polymorphism of the Progesterone Receptor Gene and the Susceptibility to Uterine Leiomyomas: A Systematic Review and Meta-Analysis. <i>Genetic Testing and Molecular Biomarkers</i> , 2018 , 22, 295-301	1.6	3
104	Should the lungs be rested or open during anaesthesia to prevent postoperative complications?. <i>Lancet Respiratory Medicine</i> , 2018 , 6, 163-165	35.1	2
103	Assessment of fluid responsiveness in spontaneously breathing patients: a systematic review of literature. <i>Annals of Intensive Care</i> , 2018 , 8, 21	8.9	19
102	PRactice of VENTilation in Middle-Income Countries (PRoVENT-iMIC): rationale and protocol for a prospective international multicentre observational study in intensive care units in Asia. <i>BMJ Open</i> , 2018 , 8, e020841	3	10
101	The LAS VEGAS risk score for prediction of postoperative pulmonary complications: An observational study. <i>European Journal of Anaesthesiology</i> , 2018 , 35, 691-701	2.3	47
100	Potentially modifiable respiratory variables contributing to outcome in ICU patients without ARDS: a secondary analysis of PRoVENT. <i>Annals of Intensive Care</i> , 2018 , 8, 39	8.9	15
99	RELAX - REstricted versus Liberal positive end-expiratory pressure in patients without ARDS: protocol for a randomized controlled trial. <i>Trials</i> , 2018 , 19, 272	2.8	8
98	International multicenter observational study on assessment of ventilatory management during general anaesthesia for robotic surgery and its effects on postoperative pulmonary complication (AVATaR): study protocol and statistical analysis plan. <i>BMJ Open</i> , 2018 , 8, e021643	3	4
97	Thromboelastometry profile in critically ill patients: A single-center, retrospective, observational study. <i>PLoS ONE</i> , 2018 , 13, e0192965	3.7	8
96	Effects of peep on lung injury, pulmonary function, systemic circulation and mortality in animals with uninjured lungs-a systematic review. <i>Annals of Translational Medicine</i> , 2018 , 6, 25	3.2	6

95	Interaction between peri-operative blood transfusion, tidal volume, airway pressure and postoperative ARDS: an individual patient data meta-analysis. <i>Annals of Translational Medicine</i> , 2018 , 6, 23	3.2	8
94	Association between pre-operative biological phenotypes and postoperative pulmonary complications: An unbiased cluster analysis. <i>European Journal of Anaesthesiology</i> , 2018 , 35, 702-709	2.3	7
93	First Brazilian datathon in critical care. <i>Revista Brasileira De Terapia Intensiva</i> , 2018 , 30, 6-8	1.2	3
92	Nighttime intensive care unit discharge and outcomes: A propensity matched retrospective cohort study. <i>PLoS ONE</i> , 2018 , 13, e0207268	3.7	3
91	Association between viscoelastic tests-guided therapy with synthetic factor concentrates and allogenic blood transfusion in liver transplantation: a before-after study. <i>BMC Anesthesiology</i> , 2018 , 18, 198	2.4	10
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