

Antonio Artigas

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

191
papers

14,966
citations

52
h-index

120
g-index

219
ext. papers

18,134
ext. citations

7.4
avg, IF

6.03
L-index

#	Paper	IF	Citations
191	The Surviving Sepsis Campaign: results of an international guideline-based performance improvement program targeting severe sepsis. <i>Intensive Care Medicine</i> , 2010 , 36, 222-31	14.5	1022
190	Drotrecogin alfa (activated) in adults with septic shock. <i>New England Journal of Medicine</i> , 2012 , 366, 2055-64	56.4	891
189	Empiric antibiotic treatment reduces mortality in severe sepsis and septic shock from the first hour: results from a guideline-based performance improvement program. <i>Critical Care Medicine</i> , 2014 , 42, 1745-55	14.5	855
188	The Surviving Sepsis Campaign: results of an international guideline-based performance improvement program targeting severe sepsis. <i>Critical Care Medicine</i> , 2010 , 38, 367-74	1.4	797
187	Discovery and validation of cell cycle arrest biomarkers in human acute kidney injury. <i>Critical Care</i> , 2013 , 17, R25	10.8	718
186	Efficacy and safety of tifacogin (recombinant tissue factor pathway inhibitor) in severe sepsis: a randomized controlled trial. <i>JAMA - Journal of the American Medical Association</i> , 2003 , 290, 238-47	27.4	682
185	Epidemiology of sepsis and infection in ICU patients from an international multicentre cohort study. <i>Intensive Care Medicine</i> , 2002 , 28, 108-21	14.5	676
184	Improvement in process of care and outcome after a multicenter severe sepsis educational program in Spain. <i>JAMA - Journal of the American Medical Association</i> , 2008 , 299, 2294-303	27.4	505
183	Outcomes of the Surviving Sepsis Campaign in intensive care units in the USA and Europe: a prospective cohort study. <i>Lancet Infectious Diseases</i> , 2012 , 12, 919-24	25.5	348
182	Surviving Sepsis Campaign: association between performance metrics and outcomes in a 7.5-year study. <i>Critical Care Medicine</i> , 2015 , 43, 3-12	1.4	339
181	Effectiveness of treatments for severe sepsis: a prospective, multicenter, observational study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009 , 180, 861-6	10.2	320
180	High tidal volume and positive fluid balance are associated with worse outcome in acute lung injury. <i>Chest</i> , 2005 , 128, 3098-108	5.3	317
179	Drotrecogin alfa (activated) treatment in severe sepsis from the global open-label trial ENHANCE: further evidence for survival and safety and implications for early treatment. <i>Critical Care Medicine</i> , 2005 , 33, 2266-77	1.4	309
178	Report of the American-European Consensus conference on acute respiratory distress syndrome: definitions, mechanisms, relevant outcomes, and clinical trial coordination. Consensus Committee. <i>Journal of Critical Care</i> , 1994 , 9, 72-81	4	306
177	Effects of drotrecogin alfa (activated) on organ dysfunction in the PROWESS trial. <i>Critical Care Medicine</i> , 2003 , 31, 834-40	1.4	300
176	Fluid challenges in intensive care: the FENICE study: A global inception cohort study. <i>Intensive Care Medicine</i> , 2015 , 41, 1529-37	14.5	295
175	The American-European Consensus Conference on ARDS, part 2: Ventilatory, pharmacologic, supportive therapy, study design strategies, and issues related to recovery and remodeling. Acute respiratory distress syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1998 , 157, 1332-47	10.2	289

174	Neutrophil elastase inhibition in acute lung injury: results of the STRIVE study. <i>Critical Care Medicine</i> , 2004 , 32, 1695-702	1.4	229
173	Influence of systemic inflammatory response syndrome and sepsis on outcome of critically ill infected patients. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2003 , 168, 77-84	10.2	198
172	The impact of frailty on ICU and 30-day mortality and the level of care in very elderly patients (80+ years). <i>Intensive Care Medicine</i> , 2017 , 43, 1820-1828	14.5	184
171	Second consensus on the assessment of sublingual microcirculation in critically ill patients: results from a task force of the European Society of Intensive Care Medicine. <i>Intensive Care Medicine</i> , 2018 , 44, 281-299	14.5	183
170	A comparison of severity of illness scoring systems for intensive care unit patients: results of a multicenter, multinational study. The European/North American Severity Study Group. <i>Critical Care Medicine</i> , 1995 , 23, 1327-35	1.4	175
169	Surviving Sepsis Campaign: association between performance metrics and outcomes in a 7.5-year study. <i>Intensive Care Medicine</i> , 2014 , 40, 1623-33	14.5	164
168	Positive-end expiratory pressure reduces incidence of ventilator-associated pneumonia in nonhypoxemic patients. <i>Critical Care Medicine</i> , 2008 , 36, 2225-31	1.4	143
167	Drotrecogin alfa (activated) in the treatment of severe sepsis patients with multiple-organ dysfunction: data from the PROWESS trial. <i>Intensive Care Medicine</i> , 2003 , 29, 894-903	14.5	139
166	Prophylactic heparin in patients with severe sepsis treated with drotrecogin alfa (activated). <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007 , 176, 483-90	10.2	138
165	The Eldicus prospective, observational study of triage decision making in European intensive care units. Part II: intensive care benefit for the elderly. <i>Critical Care Medicine</i> , 2012 , 40, 132-8	1.4	133
164	Obesity is associated with increased morbidity but not mortality in critically ill patients. <i>Intensive Care Medicine</i> , 2008 , 34, 1999-2009	14.5	124
163	Symptoms of burnout in intensive care unit specialists facing the COVID-19 outbreak. <i>Annals of Intensive Care</i> , 2020 , 10, 110	8.9	122
162	Local amplifiers of IL-4R α -mediated macrophage activation promote repair in lung and liver. <i>Science</i> , 2017 , 356, 1076-1080	33.3	120
161	The status of intensive care medicine research and a future agenda for very old patients in the ICU. <i>Intensive Care Medicine</i> , 2017 , 43, 1319-1328	14.5	115
160	Systematic review and meta-analysis of complications and mortality of veno-venous extracorporeal membrane oxygenation for refractory acute respiratory distress syndrome. <i>Annals of Intensive Care</i> , 2017 , 7, 51	8.9	109
159	Endotracheal tube cuff pressure assessment. <i>Critical Care Medicine</i> , 1990 , 18, 1423-1426	1.4	108
158	The contribution of frailty, cognition, activity of daily life and comorbidities on outcome in acutely admitted patients over 80 years in European ICUs: the VIP2 study. <i>Intensive Care Medicine</i> , 2020 , 46, 57-69	14.5	101
157	Impact of Source Control in Patients With Severe Sepsis and Septic Shock. <i>Critical Care Medicine</i> , 2017 , 45, 11-19	1.4	96

156	Reasons for refusal of admission to intensive care and impact on mortality. <i>Intensive Care Medicine</i> , 2010 , 36, 1772-9	14.5	86
155	Recombinant tissue factor pathway inhibitor in severe community-acquired pneumonia: a randomized trial. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011 , 183, 1561-8	10.2	84
154	Relationship between SARS-CoV-2 infection and the incidence of ventilator-associated lower respiratory tract infections: a European multicenter cohort study. <i>Intensive Care Medicine</i> , 2021 , 47, 188-198	14.5	80
153	Statin therapy prior to ICU admission: protection against infection or a severity marker?. <i>Intensive Care Medicine</i> , 2006 , 32, 160-4	14.5	76
152	Patterns of colonization by <i>Pseudomonas aeruginosa</i> in intubated patients: a 3-year prospective study of 1,607 isolates using pulsed-field gel electrophoresis with implications for prevention of ventilator-associated pneumonia. <i>Intensive Care Medicine</i> , 2004 , 30, 1768-75	14.5	76
151	The dynamics of the pulmonary microbiome during mechanical ventilation in the intensive care unit and the association with occurrence of pneumonia. <i>Thorax</i> , 2017 , 72, 803-810	7.3	74
150	Use of the sequential organ failure assessment score as a severity score. <i>Intensive Care Medicine</i> , 2005 , 31, 243-9	14.5	74
149	Triage of intensive care patients: identifying agreement and controversy. <i>Intensive Care Medicine</i> , 2013 , 39, 1916-24	14.5	73
148	Role of albumin in diseases associated with severe systemic inflammation: Pathophysiologic and clinical evidence in sepsis and in decompensated cirrhosis. <i>Journal of Critical Care</i> , 2016 , 33, 62-70	4	69
147	Effect of acute moderate changes in PaCO ₂ on global hemodynamics and gastric perfusion. <i>Critical Care Medicine</i> , 2000 , 28, 360-5	1.4	64
146	Efficacy and safety of trimodulin, a novel polyclonal antibody preparation, in patients with severe community-acquired pneumonia: a randomized, placebo-controlled, double-blind, multicenter, phase II trial (CIGMA study). <i>Intensive Care Medicine</i> , 2018 , 44, 438-448	14.5	62
145	Withholding or withdrawing of life-sustaining therapy in older adults (≥80 years) admitted to the intensive care unit. <i>Intensive Care Medicine</i> , 2018 , 44, 1027-1038	14.5	62
144	Urinary Tissue Inhibitor of Metalloproteinase-2 and Insulin-Like Growth Factor-Binding Protein 7 for Risk Stratification of Acute Kidney Injury in Patients With Sepsis. <i>Critical Care Medicine</i> , 2016 , 44, 1851-60	1.4	61
143	Central venous-to-arterial carbon dioxide difference combined with arterial-to-venous oxygen content difference is associated with lactate evolution in the hemodynamic resuscitation process in early septic shock. <i>Critical Care</i> , 2015 , 19, 126	10.8	59
142	The Eldicus prospective, observational study of triage decision making in European intensive care units: part I—European Intensive Care Admission Triage Scores. <i>Critical Care Medicine</i> , 2012 , 40, 125-31	1.4	59
141	A multicenter, randomized, double-blind, placebo-controlled, dose-escalation trial assessing safety and efficacy of active site inactivated recombinant factor VIIa in subjects with acute lung injury or acute respiratory distress syndrome. <i>Critical Care Medicine</i> , 2009 , 37, 1874-80	1.4	58
140	Management of severe sepsis: advances, challenges, and current status. <i>Drug Design, Development and Therapy</i> , 2015 , 9, 2079-88	4.4	54
139	Caring for the critically ill patients over 80: a narrative review. <i>Annals of Intensive Care</i> , 2018 , 8, 114	8.9	52

138	Implications of ICU triage decisions on patient mortality: a cost-effectiveness analysis. <i>Critical Care</i> , 2011 , 15, R56	10.8	51
137	What's new in multidrug-resistant pathogens in the ICU?. <i>Annals of Intensive Care</i> , 2016 , 6, 96	8.9	51
136	BreathDx - molecular analysis of exhaled breath as a diagnostic test for ventilator-associated pneumonia: protocol for a European multicentre observational study. <i>BMC Pulmonary Medicine</i> , 2017 , 17, 1	3.5	50
135	Risk factors for mortality in elderly and very elderly critically ill patients with sepsis: a prospective, observational, multicenter cohort study. <i>Annals of Intensive Care</i> , 2019 , 9, 26	8.9	50
134	Efficacy of single-dose antibiotic against early-onset pneumonia in comatose patients who are ventilated. <i>Chest</i> , 2013 , 143, 1219-1225	5.3	50
133	Cost-effectiveness of the Surviving Sepsis Campaign protocol for severe sepsis: a prospective nation-wide study in Spain. <i>Intensive Care Medicine</i> , 2011 , 37, 444-52	14.5	48
132	Nebulised heparin as a treatment for COVID-19: scientific rationale and a call for randomised evidence. <i>Critical Care</i> , 2020 , 24, 454	10.8	47
131	Serum lipopolysaccharide binding protein levels predict severity of lung injury and mortality in patients with severe sepsis. <i>PLoS ONE</i> , 2009 , 4, e6818	3.7	46
130	Impact of appropriate antimicrobial treatment on transition from ventilator-associated tracheobronchitis to ventilator-associated pneumonia. <i>Critical Care</i> , 2014 , 18, R129	10.8	45
129	Antibiotic prescription patterns in the empiric therapy of severe sepsis: combination of antimicrobials with different mechanisms of action reduces mortality. <i>Critical Care</i> , 2012 , 16, R223	10.8	44
128	Lack of oxygen supply dependency in patients with severe sepsis. A study of oxygen delivery increased by military antishock trouser and dobutamine. <i>Chest</i> , 1994 , 106, 1524-31	5.3	44
127	Immunomodulation in sepsis: the role of endotoxin removal by polymyxin B-immobilized cartridge. <i>Mediators of Inflammation</i> , 2013 , 2013, 507539	4.3	41
126	Thenar oxygen saturation measured by near infrared spectroscopy as a noninvasive predictor of low central venous oxygen saturation in septic patients. <i>Intensive Care Medicine</i> , 2009 , 35, 1106-9	14.5	41
125	Epidemiology of sepsis in Catalonia: analysis of incidence and outcomes in a European setting. <i>Annals of Intensive Care</i> , 2017 , 7, 19	8.9	39
124	A modified McCabe score for stratification of patients after intensive care unit discharge: the Sabadell score. <i>Critical Care</i> , 2006 , 10, R179	10.8	38
123	The potential role of exhaled breath analysis in the diagnostic process of pneumonia-a systematic review. <i>Journal of Breath Research</i> , 2018 , 12, 024001	3.1	37
122	Nebulized Heparin Attenuates Pulmonary Coagulopathy and Inflammation through Alveolar Macrophages in a Rat Model of Acute Lung Injury. <i>Thrombosis and Haemostasis</i> , 2017 , 117, 2125-2134	7	37
121	Noninvasive ventilation in patients with "do-not-intubate" orders: medium-term efficacy depends critically on patient selection. <i>Intensive Care Medicine</i> , 2007 , 33, 350-4	14.5	37

120	Resolved versus confirmed ARDS after 24h: insights from the LUNG SAFE study. <i>Intensive Care Medicine</i> , 2018 , 44, 564-577	14.5	36
119	Effect of two tidal volumes on oxygenation and respiratory system mechanics during the early stage of adult respiratory distress syndrome. <i>Journal of Critical Care</i> , 1994 , 9, 151-8	4	36
118	Polymyxin-B hemoperfusion in septic patients: analysis of a multicenter registry. <i>Annals of Intensive Care</i> , 2016 , 6, 77	8.9	33
117	A clinical study of the adult respiratory distress syndrome. <i>Critical Care Medicine</i> , 1987 , 15, 243-6	1.4	33
116	Role of albumin in the preservation of endothelial glycocalyx integrity and the microcirculation: a review. <i>Annals of Intensive Care</i> , 2020 , 10, 85	8.9	33
115	Biomarker kinetics in the prediction of VAP diagnosis: results from the BioVAP study. <i>Annals of Intensive Care</i> , 2016 , 6, 32	8.9	32
114	Anticoagulant therapy in acute respiratory distress syndrome. <i>Annals of Translational Medicine</i> , 2018 , 6, 36	3.2	31
113	International variation in the management of severe COVID-19 patients. <i>Critical Care</i> , 2020 , 24, 486	10.8	30
112	The impact of frailty on survival in elderly intensive care patients with COVID-19: the COVIP study. <i>Critical Care</i> , 2021 , 25, 149	10.8	30
111	The volatile metabolic fingerprint of ventilator-associated pneumonia. <i>Intensive Care Medicine</i> , 2014 , 40, 761-2	14.5	28
110	Fat embolism syndrome and pulmonary microvascular cytology. <i>Chest</i> , 1992 , 101, 1710-1	5.3	26
109	Improved empirical antibiotic treatment of sepsis after an educational intervention: the ABISS-Edusepsis study. <i>Critical Care</i> , 2018 , 22, 167	10.8	25
108	Ward mortality in patients discharged from the ICU with tracheostomy may depend on patient's vulnerability. <i>Intensive Care Medicine</i> , 2008 , 34, 1878-82	14.5	25
107	Low reticulocyte hemoglobin content is associated with a higher blood transfusion rate in critically ill patients: a cohort study. <i>Anesthesiology</i> , 2010 , 112, 1211-5	4.3	25
106	Hemodynamic responses to external counterbalancing of auto-positive end-expiratory pressure in mechanically ventilated patients with chronic obstructive pulmonary disease. <i>Critical Care Medicine</i> , 1994 , 22, 1782-1791	1.4	23
105	A comparison of very old patients admitted to intensive care unit after acute versus elective surgery or intervention. <i>Journal of Critical Care</i> , 2019 , 52, 141-148	4	21
104	Cell therapy for the treatment of sepsis and acute respiratory distress syndrome. <i>Annals of Translational Medicine</i> , 2017 , 5, 446	3.2	21
103	The role of hypercapnia in acute respiratory failure. <i>Intensive Care Medicine Experimental</i> , 2019 , 7, 39	3.7	21

102	Inhalation therapies in acute respiratory distress syndrome. <i>Annals of Translational Medicine</i> , 2017 , 5, 293	3.2	21
101	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
100	Reliability of the Clinical Frailty Scale in very elderly ICU patients: a prospective European study. <i>Annals of Intensive Care</i> , 2021 , 11, 22	8.9	20
99	The protective association of endogenous immunoglobulins against sepsis mortality is restricted to patients with moderate organ failure. <i>Annals of Intensive Care</i> , 2017 , 7, 44	8.9	19
98	Biomarkers kinetics in the assessment of ventilator-associated pneumonia response to antibiotics - results from the BioVAP study. <i>Journal of Critical Care</i> , 2017 , 41, 91-97	4	19
97	Optimal care and design of the tracheal cuff in the critically ill patient. <i>Annals of Intensive Care</i> , 2014 , 4, 7	8.9	19
96	Acute respiratory distress syndrome: prevention and early recognition. <i>Annals of Intensive Care</i> , 2013 , 3, 11	8.9	19
95	Early physiological and biological features in three animal models of induced acute lung injury. <i>Intensive Care Medicine</i> , 2010 , 36, 347-55	14.5	19
94	Barrier-protective effects of activated protein C in human alveolar epithelial cells. <i>PLoS ONE</i> , 2013 , 8, e56965	3.7	18
93	Daily assessment of severity of illness and mortality prediction for individual patients. <i>Critical Care Medicine</i> , 2001 , 29, 45-50	1.4	18
92	Defining a High-Performance ICU System for the 21st Century: A Position Paper. <i>Journal of Intensive Care Medicine</i> , 1998 , 13, 195-205	3.3	18
91	Relationship between expired capnogram and respiratory system resistance in critically ill patients during total ventilatory support. <i>Chest</i> , 1994 , 105, 219-23	5.3	18
90	Inhaled nitric oxide does not improve cardiac or pulmonary function in patients with an exacerbation of chronic obstructive pulmonary disease. <i>Critical Care Medicine</i> , 1999 , 27, 2153-8	1.4	18
89	Intratracheal instillation of alveolar type II cells enhances recovery from acute lung injury in rats. <i>Journal of Heart and Lung Transplantation</i> , 2018 , 37, 782-791	5.8	18
88	Role of heparin in pulmonary cell populations in an in-vitro model of acute lung injury. <i>Respiratory Research</i> , 2017 , 18, 89	7.3	17
87	Thenar oxygen saturation during weaning from mechanical ventilation: an observational study. <i>European Respiratory Journal</i> , 2014 , 43, 213-20	13.6	17
86	Clinical review: non-antibiotic strategies for preventing ventilator-associated pneumonia. <i>Critical Care</i> , 2002 , 6, 45-51	10.8	17
85	Performance of the Mortality Probability Models in assessing severity of illness during the first week in the intensive care unit. <i>Critical Care Medicine</i> , 2000 , 28, 2819-24	1.4	17

84	Estimated dead space fraction and the ventilatory ratio are associated with mortality in early ARDS. <i>Annals of Intensive Care</i> , 2019 , 9, 128	8.9	17
83	Clinical impact of stress dose steroids in patients with septic shock: insights from the PROWESS-Shock trial. <i>Critical Care</i> , 2015 , 19, 193	10.8	16
82	Predicting treatment failure in patients with community acquired pneumonia: a case-control study. <i>Respiratory Research</i> , 2014 , 15, 75	7.3	16
81	Cumulative Prognostic Score Predicting Mortality in Patients Older Than 80 Years Admitted to the ICU. <i>Journal of the American Geriatrics Society</i> , 2019 , 67, 1263-1267	5.6	15
80	Intensive care unit patients with lower respiratory tract nosocomial infections: the ENIRRI project. <i>ERJ Open Research</i> , 2017 , 3,	3.5	15
79	Thenar oxygen saturation and invasive oxygen delivery measurements in critically ill patients in early septic shock. <i>Shock</i> , 2011 , 35, 456-9	3.4	15
78	Randomized trial evaluating serial protein C levels in severe sepsis patients treated with variable doses of drotrecogin alfa (activated). <i>Critical Care</i> , 2010 , 14, R229	10.8	15
77	Fas activation alters tight junction proteins in acute lung injury. <i>Thorax</i> , 2019 , 74, 69-82	7.3	15
76	ERS statement on chest imaging in acute respiratory failure. <i>European Respiratory Journal</i> , 2019 , 54,	13.6	14
75	The effect of short-term instillation of a mucolytic agent (mesna) on airway resistance in mechanically ventilated patients. <i>Chest</i> , 1995 , 107, 1101-6	5.3	14
74	Huge variation in obtaining ethical permission for a non-interventional observational study in Europe. <i>BMC Medical Ethics</i> , 2019 , 20, 39	2.9	13
73	Tumor necrosis factor receptor 1 (TNFRI) for ventilator-associated pneumonia diagnosis by cytokine multiplex analysis. <i>Intensive Care Medicine Experimental</i> , 2015 , 3, 26	3.7	13
72	Clinical expert round table discussion (session 3) at the Margaux Conference on Critical Illness: the role of activated protein C in severe sepsis. <i>Critical Care Medicine</i> , 2001 , 29, S75-7	1.4	13
71	Effectiveness of an inspiratory pressure-limited approach to mechanical ventilation in septic patients. <i>European Respiratory Journal</i> , 2013 , 41, 157-64	13.6	12
70	Effects of nebulized antithrombin and heparin on inflammatory and coagulation alterations in an acute lung injury model in rats. <i>Journal of Thrombosis and Haemostasis</i> , 2020 , 18, 571-583	15.4	12
69	Inhibitors of the renin-angiotensin-aldosterone system and COVID-19 in critically ill elderly patients. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , 2021 , 7, 76-77	6.4	12
68	Extracorporeal carbon dioxide removal for acute hypercapnic respiratory failure. <i>Annals of Intensive Care</i> , 2019 , 9, 79	8.9	11
67	Mesenchymal Stem/Stromal Cells Therapy for Sepsis and Acute Respiratory Distress Syndrome. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2021 , 42, 20-39	3.9	10

66	Respiratory center activity during mechanical ventilation. <i>Journal of Critical Care</i> , 1991 , 6, 102-111	4	9
65	INHALEd nebulised unfractionated HEParin for the treatment of hospitalised patients with COVID-19 (INHALE-HEP): Protocol and statistical analysis plan for an investigator-initiated international metatrial of randomised studies. <i>British Journal of Clinical Pharmacology</i> , 2021 , 87, 3075-3091	3.8	9
64	Efficiency of a mechanical device in controlling tracheal cuff pressure in intubated critically ill patients: a randomized controlled study. <i>Annals of Intensive Care</i> , 2015 , 5, 54	8.9	8
63	Near-infrared spectroscopy StO ₂ monitoring to assess the therapeutic effect of drotrecogin alfa (activated) on microcirculation in patients with severe sepsis or septic shock. <i>Annals of Intensive Care</i> , 2013 , 3, 30	8.9	8
62	Physiologic parameters as biomarkers: what can we learn from physiologic variables and variation?. <i>Critical Care Clinics</i> , 2011 , 27, 229-40	4.5	8
61	Assessment of the prognosis of coronary patients: performance and customization of generic severity indexes. <i>Chest</i> , 1997 , 111, 1666-71	5.3	8
60	Sepsis at ICU admission does not decrease 30-day survival in very old patients: a post-hoc analysis of the VIP1 multinational cohort study. <i>Annals of Intensive Care</i> , 2020 , 10, 56	8.9	8
59	Frailty is associated with long-term outcome in patients with sepsis who are over 80 years old: results from an observational study in 241 European ICUs. <i>Age and Ageing</i> , 2021 , 50, 1719-1727	3	8
58	Acute respiratory distress syndrome subphenotypes and therapy responsive traits among preclinical models: protocol for a systematic review and meta-analysis. <i>Respiratory Research</i> , 2020 , 21, 81	7.3	8
57	Influence of changes in ventricular systolic function and loading conditions on pulse contour analysis-derived femoral dP/dt. <i>Annals of Intensive Care</i> , 2019 , 9, 61	8.9	7
56	Earlobe arterialized capillary blood gas analysis in the intensive care unit: a pilot study. <i>Annals of Intensive Care</i> , 2014 , 4, 11	8.9	7
55	Ventilatory factors affecting inhaled nitric oxide concentrations during continuous-flow administration. <i>Journal of Critical Care</i> , 1996 , 11, 138-43	4	7
54	The effect of auto-positive end-expiratory pressure on the arterial-end-tidal carbon dioxide pressure gradient and expired carbon dioxide slope in critically ill patients during total ventilatory support. <i>Journal of Critical Care</i> , 1991 , 6, 202-210	4	7
53	Nebulized Amikacin and Fosfomycin for Severe Pseudomonas aeruginosa Pneumonia: An Experimental Study. <i>Critical Care Medicine</i> , 2019 , 47, e470-e477	1.4	7
52	BMI and pneumonia outcomes in critically ill covid-19 patients: An international multicenter study. <i>Obesity</i> , 2021 , 29, 1477-1486	8	7
51	Comparison of direct and indirect models of early induced acute lung injury. <i>Intensive Care Medicine Experimental</i> , 2020 , 8, 62	3.7	6
50	Steroid use in elderly critically ill COVID-19 patients. <i>European Respiratory Journal</i> , 2021 , 58,	13.6	6
49	Impact of triage-to-admission time on patient outcome in European intensive care units: A prospective, multi-national study. <i>Journal of Critical Care</i> , 2019 , 53, 11-17	4	5

48	Soluble urokinase plasminogen activator receptor for the prediction of ventilator-associated pneumonia. <i>ERJ Open Research</i> , 2019 , 5,	3.5	5
47	Actual performance of mechanical ventilators in ICU: a multicentric quality control study. <i>Medical Devices: Evidence and Research</i> , 2012 , 5, 111-9	1.5	5
46	Update on the Features and Measurements of Experimental Acute Lung Injury in Animals: An Official American Thoracic Society Workshop Report.. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2022 , 66, e1-e14	5.7	5
45	Lactate is associated with mortality in very old intensive care patients suffering from COVID-19: results from an international observational study of 2860 patients. <i>Annals of Intensive Care</i> , 2021 , 11, 128	8.9	5
44	Biophysically Preconditioning Mesenchymal Stem Cells Improves Treatment of Ventilator-Induced Lung Injury. <i>Archivos De Bronconeumologia</i> , 2020 , 56, 179-181	0.7	5
43	Sex-specific outcome disparities in very old patients admitted to intensive care medicine: a propensity matched analysis. <i>Scientific Reports</i> , 2020 , 10, 18671	4.9	5
42	Biomarkers in the ICU: less is more? No. <i>Intensive Care Medicine</i> , 2021 , 47, 97-100	14.5	5
41	Impact of hemoperfusion with polymyxin B added to hemofiltration in patients with endotoxic shock: a case-control study. <i>Annals of Intensive Care</i> , 2018 , 8, 121	8.9	5
40	Incidence of airway complications in patients using endotracheal tubes with continuous aspiration of subglottic secretions. <i>Annals of Intensive Care</i> , 2017 , 7, 109	8.9	4
39	Assessment of the inflammatory effect of low-dose oxygen in mechanically ventilated patients. <i>Intensive Care Medicine</i> , 2013 , 39, 711-6	14.5	4
38	Clinical expert round table discussion (session 4) at the Margaux Conference on Critical Illness: sepsis: inflammation disorder, coagulation disorder, or both? A challenge for clinicians. <i>Critical Care Medicine</i> , 2001 , 29, S107-8	1.4	4
37	Cytology of bronchoalveolar lavage fluid in bacterial pneumonia. <i>Chest</i> , 1990 , 97, 1500-1	5.3	4
36	Inhaled nebulised unfractionated heparin for the treatment of hospitalised patients with COVID-19: A multicentre case series of 98 patients.. <i>British Journal of Clinical Pharmacology</i> , 2022 ,	3.8	4
35	Alveolar Type II Cells or Mesenchymal Stem Cells: Comparison of Two Different Cell Therapies for the Treatment of Acute Lung Injury in Rats. <i>Cells</i> , 2020 , 9,	7.9	4
34	Relationship between the Clinical Frailty Scale and short-term mortality in patients 80 years old acutely admitted to the ICU: a prospective cohort study. <i>Critical Care</i> , 2021 , 25, 231	10.8	4
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