

Antonio Artigas

List of Publications by Year in descending order

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Version: 2024-02-01

206
papers

20,496
citations

20815

60
h-index

10732

138
g-index

219
all docs

219
docs citations

219
times ranked

16795
citing authors

#	ARTICLE	IF	CITATIONS
1	The Surviving Sepsis Campaign: results of an international guideline-based performance improvement program targeting severe sepsis. <i>Intensive Care Medicine</i> , 2010, 36, 222-231.	8.2	1,180
2	Empiric Antibiotic Treatment Reduces Mortality in Severe Sepsis and Septic Shock From the First Hour. <i>Critical Care Medicine</i> , 2014, 42, 1749-1755.	0.9	1,159
3	Drotrecogin Alfa (Activated) in Adults with Septic Shock. <i>New England Journal of Medicine</i> , 2012, 366, 2055-2064.	27.0	1,112
4	The Surviving Sepsis Campaign: Results of an international guideline-based performance improvement program targeting severe sepsis*. <i>Critical Care Medicine</i> , 2010, 38, 367-374.	0.9	1,094
5	Discovery and validation of cell cycle arrest biomarkers in human acute kidney injury. <i>Critical Care</i> , 2013, 17, R25.	5.8	969
6	Efficacy and Safety of Tifacogin (Recombinant Tissue Factor Pathway Inhibitor) in Severe Sepsis. <i>JAMA - Journal of the American Medical Association</i> , 2003, 290, 238.	7.4	843
7	Epidemiology of sepsis and infection in ICU patients from an international multicentre cohort study. <i>Intensive Care Medicine</i> , 2002, 28, 108-121.	8.2	835
8	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.	7.4	626
9	Outcomes of the Surviving Sepsis Campaign in intensive care units in the USA and Europe: a prospective cohort study. <i>Lancet Infectious Diseases</i> , The, 2012, 12, 919-924.	9.1	447
10	Surviving Sepsis Campaign. <i>Critical Care Medicine</i> , 2015, 43, 3-12.	0.9	444
11	Fluid challenges in intensive care: the FENICE study. <i>Intensive Care Medicine</i> , 2015, 41, 1529-1537.	8.2	442
12	Effectiveness of Treatments for Severe Sepsis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009, 180, 861-866.	5.6	396
13	High Tidal Volume and Positive Fluid Balance Are Associated With Worse Outcome in Acute Lung Injury. <i>Chest</i> , 2005, 128, 3098-3108.	0.8	386
14	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, 2266-2277.	0.9	368
15	The American-European Consensus Conference on ARDS, Part 2. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1998, 157, 1332-1347.	5.6	365
16	Report of the American-European Consensus Conference on acute respiratory distress syndrome: Definitions, mechanisms, relevant outcomes, and clinical trial coordination. <i>Journal of Critical Care</i> , 1994, 9, 72-81.	2.2	364
17	Effects of drotrecogin alfa (activated) on organ dysfunction in the PROWESS trial*. <i>Critical Care Medicine</i> , 2003, 31, 834-840.	0.9	359
18	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.	8.2	311

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19	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.	8.2	305
20	Neutrophil elastase inhibition in acute lung injury: Results of the STRIVE study. <i>Critical Care Medicine</i> , 2004, 32, 1695-1702.	0.9	290
21	Symptoms of burnout in intensive care unit specialists facing the COVID-19 outbreak. <i>Annals of Intensive Care</i> , 2020, 10, 110.	4.6	239
22	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.	8.2	237
23	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.	8.2	230
24	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.	5.6	227
25	A comparison of severity of illness scoring systems for intensive care unit patients. <i>Critical Care Medicine</i> , 1995, 23, 1327-1335.	0.9	213
26	Surviving Sepsis Campaign: association between performance metrics and outcomes in a 7.5-year study. <i>Intensive Care Medicine</i> , 2014, 40, 1623-1633.	8.2	209
27	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.	8.2	182
28	The Eldicus prospective, observational study of triage decision making in European intensive care units. Part II. <i>Critical Care Medicine</i> , 2012, 40, 132-138.	0.9	178
29	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.	4.6	175
30	Positive-end expiratory pressure reduces incidence of ventilator-associated pneumonia in nonhypoxemic patients*. <i>Critical Care Medicine</i> , 2008, 36, 2225-2231.	0.9	167
31	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.	8.2	166
32	Prophylactic Heparin in Patients with Severe Sepsis Treated with Drotrecogin Alfa (Activated). <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007, 176, 483-490.	5.6	164
33	Local amplifiers of IL-4 mediated macrophage activation promote repair in lung and liver. <i>Science</i> , 2017, 356, 1076-1080.	12.6	163
34	Obesity is associated with increased morbidity but not mortality in critically ill patients. <i>Intensive Care Medicine</i> , 2008, 34, 1999-2009.	8.2	149
35	Impact of Source Control in Patients With Severe Sepsis and Septic Shock*. <i>Critical Care Medicine</i> , 2017, 45, 11-19.	0.9	141
36	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.	2.2	126

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37	Endotracheal tube cuff pressure assessment. <i>Critical Care Medicine</i> , 1990, 18, 1423-1426.	0.9	122
38	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.	5.6	118
39	Reasons for refusal of admission to intensive care and impact on mortality. <i>Intensive Care Medicine</i> , 2010, 36, 1772-1779.	8.2	112
40	Triage of intensive care patients: identifying agreement and controversy. <i>Intensive Care Medicine</i> , 2013, 39, 1916-1924.	8.2	111
41	The impact of frailty on survival in elderly intensive care patients with COVID-19: the COVIP study. <i>Critical Care</i> , 2021, 25, 149.	5.8	107
42	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.	8.2	106
43	Recombinant Tissue Factor Pathway Inhibitor in Severe Community-acquired Pneumonia. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 183, 1561-1568.	5.6	104
44	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.	4.6	100
45	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.	8.2	96
46	Caring for the critically ill patients over 80: a narrative review. <i>Annals of Intensive Care</i> , 2018, 8, 114.	4.6	96
47	Role of albumin in the preservation of endothelial glycocalyx integrity and the microcirculation: a review. <i>Annals of Intensive Care</i> , 2020, 10, 85.	4.6	95
48	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, 1851-1860.	0.9	91
49	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, 1768-1775.	8.2	89
50	Statin therapy prior to ICU admission: protection against infection or a severity marker?. <i>Intensive Care Medicine</i> , 2006, 32, 160-164.	8.2	86
51	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.	2.0	84
52	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.	2.9	82
53	Use of the Sequential Organ Failure Assessment score as a severity score. <i>Intensive Care Medicine</i> , 2005, 31, 243-249.	8.2	81
54	Nebulised heparin as a treatment for COVID-19: scientific rationale and a call for randomised evidence. <i>Critical Care</i> , 2020, 24, 454.	5.8	81

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55	The Eldicus prospective, observational study of triage decision making in European intensive care units. <i>Critical Care Medicine</i> , 2012, 40, 125-131.	0.9	80
56	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.	5.8	80
57	Effect of acute moderate changes in PaCO ₂ on global hemodynamics and gastric perfusion. <i>Critical Care Medicine</i> , 2000, 28, 360-365.	0.9	77
58	What's new in multidrug-resistant pathogens in the ICU?. <i>Annals of Intensive Care</i> , 2016, 6, 96.	4.6	75
59	Implications of ICU triage decisions on patient mortality: a cost-effectiveness analysis. <i>Critical Care</i> , 2011, 15, R56.	5.8	71
60	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, 1874-1880.	0.9	70
61	Management of severe sepsis: advances, challenges, and current status. <i>Drug Design, Development and Therapy</i> , 2015, 9, 2079.	4.3	70
62	Impact of appropriate antimicrobial treatment on transition from ventilator-associated tracheobronchitis to ventilator-associated pneumonia. <i>Critical Care</i> , 2014, 18, R129.	5.8	63
63	Epidemiology of sepsis in Catalonia: analysis of incidence and outcomes in a European setting. <i>Annals of Intensive Care</i> , 2017, 7, 19.	4.6	63
64	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.	5.8	61
65	Reliability of the Clinical Frailty Scale in very elderly ICU patients: a prospective European study. <i>Annals of Intensive Care</i> , 2021, 11, 22.	4.6	61
66	Efficacy of Single-Dose Antibiotic Against Early-Onset Pneumonia in Comatose Patients Who Are Ventilated. <i>Chest</i> , 2013, 143, 1219-1225.	0.8	59
67	Immunomodulation in Sepsis: The Role of Endotoxin Removal by Polymyxin B-Immobilized Cartridge. <i>Mediators of Inflammation</i> , 2013, 2013, 1-12.	3.0	58
68	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, 444-452.	8.2	56
69	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.	3.0	56
70	International variation in the management of severe COVID-19 patients. <i>Critical Care</i> , 2020, 24, 486.	5.8	55
71	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, 1106-1109.	8.2	52
72	Estimated dead space fraction and the ventilatory ratio are associated with mortality in early ARDS. <i>Annals of Intensive Care</i> , 2019, 9, 128.	4.6	52

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73	Lack of Oxygen Supply Dependency in Patients With Severe Sepsis. <i>Chest</i> , 1994, 106, 1524-1531.	0.8	51
74	Serum Lipopolysaccharide Binding Protein Levels Predict Severity of Lung Injury and Mortality in Patients with Severe Sepsis. <i>PLoS ONE</i> , 2009, 4, e6818.	2.5	51
75	Biomarker kinetics in the prediction of VAP diagnosis: results from the BioVAP study. <i>Annals of Intensive Care</i> , 2016, 6, 32.	4.6	50
76	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.	3.4	49
77	A modified McCabe score for stratification of patients after intensive care unit discharge: the Sabadell score. <i>Critical Care</i> , 2006, 10, R179.	5.8	48
78	Resolved versus confirmed ARDS after 24h: insights from the LUNG SAFE study. <i>Intensive Care Medicine</i> , 2018, 44, 564-577.	8.2	48
79	Polymyxin-B hemoperfusion in septic patients: analysis of a multicenter registry. <i>Annals of Intensive Care</i> , 2016, 6, 77.	4.6	46
80	Anticoagulant therapy in acute respiratory distress syndrome. <i>Annals of Translational Medicine</i> , 2018, 6, 36-36.	1.7	44
81	Steroid use in elderly critically ill COVID-19 patients. <i>European Respiratory Journal</i> , 2021, 58, 2100979.	6.7	44
82	Noninvasive ventilation in patients with "do-not-intubate" orders: medium-term efficacy depends critically on patient selection. <i>Intensive Care Medicine</i> , 2007, 33, 350-354.	8.2	43
83	Improved empirical antibiotic treatment of sepsis after an educational intervention: the ABISS-Edusepsis study. <i>Critical Care</i> , 2018, 22, 167.	5.8	43
84	A clinical study of the adult respiratory distress syndrome. <i>Critical Care Medicine</i> , 1987, 15, 243-246.	0.9	41
85	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, 151-158.	2.2	40
86	The role of hypercapnia in acute respiratory failure. <i>Intensive Care Medicine Experimental</i> , 2019, 7, 39.	1.9	39
87	Fas activation alters tight junction proteins in acute lung injury. <i>Thorax</i> , 2019, 74, 69-82.	5.6	35
88	Ward mortality in patients discharged from the ICU with tracheostomy may depend on patient's vulnerability. <i>Intensive Care Medicine</i> , 2008, 34, 1878-1882.	8.2	34
89	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.	4.6	33
90	Low Reticulocyte Hemoglobin Content Is Associated with a Higher Blood Transfusion Rate in Critically Ill Patients. <i>Anesthesiology</i> , 2010, 112, 1211-1215.	2.5	32

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91	Fat Embolism Syndrome and Pulmonary Microvascular Cytology. <i>Chest</i> , 1992, 101, 1710-1711.	0.8	30
92	The volatile metabolic fingerprint of ventilator-associated pneumonia. <i>Intensive Care Medicine</i> , 2014, 40, 761-762.	8.2	30
93	Inhalation therapies in acute respiratory distress syndrome. <i>Annals of Translational Medicine</i> , 2017, 5, 293-293.	1.7	30
94	Cell therapy for the treatment of sepsis and acute respiratory distress syndrome. <i>Annals of Translational Medicine</i> , 2017, 5, 446-446.	1.7	30
95	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.	2.2	30
96	Comparison of direct and indirect models of early induced acute lung injury. <i>Intensive Care Medicine Experimental</i> , 2020, 8, 62.	1.9	30
97	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.	0.9	29
98	ERS statement on chest imaging in acute respiratory failure. <i>European Respiratory Journal</i> , 2019, 54, 1900435.	6.7	29
99	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.	0.6	28
100	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.	2.6	28
101	Outcomes of Patients Presenting with Mild Acute Respiratory Distress Syndrome. <i>Anesthesiology</i> , 2019, 130, 263-283.	2.5	28
102	Acute respiratory distress syndrome: prevention and early recognition. <i>Annals of Intensive Care</i> , 2013, 3, 11.	4.6	27
103	Huge variation in obtaining ethical permission for a non-interventional observational study in Europe. <i>BMC Medical Ethics</i> , 2019, 20, 39.	2.4	27
104	Optimal care and design of the tracheal cuff in the critically ill patient. <i>Annals of Intensive Care</i> , 2014, 4, 7.	4.6	26
105	Early physiological and biological features in three animal models of induced acute lung injury. <i>Intensive Care Medicine</i> , 2010, 36, 347-355.	8.2	25
106	Thenar oxygen saturation during weaning from mechanical ventilation: an observational study. <i>European Respiratory Journal</i> , 2014, 43, 213-220.	6.7	25
107	Relationship Between Expired Capnogram and Respiratory System Resistance in Critically Ill Patients During Total Ventilatory Support. <i>Chest</i> , 1994, 105, 219-223.	0.8	24
108	Thenar Oxygen Saturation and Invasive Oxygen Delivery Measurements in Critically Ill Patients in Early Septic Shock. <i>Shock</i> , 2011, 35, 456-459.	2.1	24

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109	Predicting treatment failure in patients with community acquired pneumonia: a case-control study. <i>Respiratory Research</i> , 2014, 15, 75.	3.6	24
110	BMI and pneumonia outcomes in critically ill COVID-19 patients: An international multicenter study. <i>Obesity</i> , 2021, 29, 1477-1486.	3.0	24
111	Clinical review: non-antibiotic strategies for preventing ventilator-associated pneumonia. <i>Critical Care</i> , 2002, 6, 45.	5.8	23
112	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.	2.2	23
113	Increased 30-day mortality in very old ICU patients with COVID-19 compared to patients with respiratory failure without COVID-19. <i>Intensive Care Medicine</i> , 2022, 48, 435-447.	8.2	23
114	Defining a High-Performance ICU System for the 21st Century: A Position Paper. <i>Journal of Intensive Care Medicine</i> , 1998, 13, 195-205.	2.8	22
115	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, 2819-2824.	0.9	22
116	Daily assessment of severity of illness and mortality prediction for individual patients. <i>Critical Care Medicine</i> , 2001, 29, 45-50.	0.9	22
117	Barrier-Protective Effects of Activated Protein C in Human Alveolar Epithelial Cells. <i>PLoS ONE</i> , 2013, 8, e56965.	2.5	22
118	Intensive care unit patients with lower respiratory tract nosocomial infections: the ENIRRI project. <i>ERJ Open Research</i> , 2017, 3, 00092-2017.	2.6	22
119	Role of heparin in pulmonary cell populations in an in-vitro model of acute lung injury. <i>Respiratory Research</i> , 2017, 18, 89.	3.6	21
120	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.	3.8	21
121	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, 2153-2158.	0.9	21
122	Mesenchymal Stem/Stromal Cells Therapy for Sepsis and Acute Respiratory Distress Syndrome. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2021, 42, 020-039.	2.1	20
123	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.	1.6	20
124	Respiratory critical care HERMES syllabus: defining competencies for respiratory doctors. <i>European Respiratory Journal</i> , 2012, 39, 1294-1297.	6.7	19
125	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.	3.0	19
126	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.	5.8	19

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127	INHALEd nebulised unfractionated HEParin for the treatment of hospitalised patients with COVID-19 (INHALEd-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.	2.4	19
128	Effectiveness of an inspiratory pressure-limited approach to mechanical ventilation in septic patients. <i>European Respiratory Journal</i> , 2013, 41, 157-164.	6.7	18
129	Clinical impact of stress dose steroids in patients with septic shock: insights from the PROWESS-Shock trial. <i>Critical Care</i> , 2015, 19, 193.	5.8	18
130	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.	5.8	17
131	Extracorporeal carbon dioxide removal for acute hypercapnic respiratory failure. <i>Annals of Intensive Care</i> , 2019, 9, 79.	4.6	17
132	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, 88, 2802-2813.	2.4	17
133	The Effect of Short-term Instillation of a Mucolytic Agent (Mesna) on Airway Resistance in Mechanically Ventilated Patients. <i>Chest</i> , 1995, 107, 1101-1106.	0.8	16
134	Framework to Support the Process of Decision-Making on Life-Sustaining Treatments in the ICU: Results of a Delphi Study. <i>Critical Care Medicine</i> , 2020, 48, 645-653.	0.9	16
135	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.	4.6	16
136	Tumor necrosis factor receptor 1 (TNFRI) for ventilator-associated pneumonia diagnosis by cytokine multiplex analysis. <i>Intensive Care Medicine Experimental</i> , 2015, 3, 26.	1.9	15
137	Nebulized Amikacin and Fosfomycin for Severe <i>Pseudomonas aeruginosa</i> Pneumonia. <i>Critical Care Medicine</i> , 2019, 47, e470-e477.	0.9	15
138	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, 1816.	4.1	15
139	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-S77.	0.9	14
140	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.	4.6	13
141	Physiologic Parameters as Biomarkers: What Can We Learn from Physiologic Variables and Variation?. <i>Critical Care Clinics</i> , 2011, 27, 229-240.	2.6	12
142	Actual performance of mechanical ventilators in ICU: a multicentric quality control study. <i>Medical Devices: Evidence and Research</i> , 2012, 5, 111.	0.8	12
143	Influence of changes in ventricular systolic function and loading conditions on pulse contour analysis-derived femoral dP/dt _{max} . <i>Annals of Intensive Care</i> , 2019, 9, 61.	4.6	12
144	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.	3.6	12

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145	Biophysically Preconditioning Mesenchymal Stem Cells Improves Treatment of Ventilator-Induced Lung Injury. <i>Archivos De Bronconeumologia</i> , 2020, 56, 179-181.	0.8	12
146	Thenar oxygen saturation (StO ₂) alterations during a spontaneous breathing trial predict extubation failure. <i>Annals of Intensive Care</i> , 2020, 10, 54.	4.6	12
147	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.	4.6	12
148	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.	2.2	11
149	Assessment of the Prognosis of Coronary Patients. <i>Chest</i> , 1997, 111, 1666-1671.	0.8	11
150	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.	4.6	11
151	Provision of critical care for the elderly in Europe: a retrospective comparison of national healthcare frameworks in intensive care units. <i>BMJ Open</i> , 2021, 11, e046909.	1.9	11
152	Respiratory center activity during mechanical ventilation. <i>Journal of Critical Care</i> , 1991, 6, 102-111.	2.2	10
153	The definition of ARDS revisited: 20Âyears later. <i>Intensive Care Medicine</i> , 2016, 42, 640-642.	8.2	10
154	Incidence of airway complications in patients using endotracheal tubes with continuous aspiration of subglottic secretions. <i>Annals of Intensive Care</i> , 2017, 7, 109.	4.6	10
155	The association of the Activities of Daily Living and the outcome of old intensive care patients suffering from COVID-19. <i>Annals of Intensive Care</i> , 2022, 12, 26.	4.6	10
156	Sex-specific outcome disparities in very old patients admitted to intensive care medicine: a propensity matched analysis. <i>Scientific Reports</i> , 2020, 10, 18671.	3.3	9
157	Biomarkers in the ICU: less is more? No. <i>Intensive Care Medicine</i> , 2021, 47, 97-100.	8.2	9
158	Clinical characteristics, physiological features, and outcomes associated with hypercapnia in patients with acute hypoxemic respiratory failure due to COVID-19--insights from the PRoVENT-19 study. <i>Journal of Critical Care</i> , 2022, 69, 154022.	2.2	9
159	Ventilatory factors affecting inhaled nitric oxide concentrations during continuous-flow administration. <i>Journal of Critical Care</i> , 1996, 11, 138-143.	2.2	8
160	Earlobe arterialized capillary blood gas analysis in the intensive care unit: a pilot study. <i>Annals of Intensive Care</i> , 2014, 4, 11.	4.6	8
161	Variations in end-of-life care practices in older critically ill patients with COVID-19 in Europe. <i>Journal of Internal Medicine</i> , 2022, 292, 438-449.	6.0	8
162	Lung Extracellular Matrix Hydrogels Enhance Preservation of Type II Phenotype in Primary Alveolar Epithelial Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4888.	4.1	8

#	ARTICLE	IF	CITATIONS
163	Impact of hemoperfusion with polymyxin B added to hemofiltration in patients with endotoxic shock: a caseâ€“control study. <i>Annals of Intensive Care</i> , 2018, 8, 121.	4.6	7
164	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.	2.2	7
165	Soluble urokinase plasminogen activator receptor for the prediction of ventilator-associated pneumonia. <i>ERJ Open Research</i> , 2019, 5, 00212-2018.	2.6	7
166	Methotrexate Ameliorates Systemic Inflammation and Septic Associated-Lung Damage in a Cecal Ligation and Puncture Septic Rat Model. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9612.	4.1	7
167	Management and outcomes in critically ill nonagenarian versus octogenarian patients. <i>BMC Geriatrics</i> , 2021, 21, 576.	2.7	7
168	Differences in mortality in critically ill elderly patients during the second COVID-19 surge in Europe. <i>Critical Care</i> , 2021, 25, 344.	5.8	7
169	Health-related quality of life in older patients surviving ICU treatment for COVID-19: results from an international observational study of patients older than 70Âyears. <i>Age and Ageing</i> , 2022, 51, .	1.6	6
170	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-S108.	0.9	5
171	The Barcelona Declaration from the World Alliance against Antibiotic Resistance: engagement of intensivists. <i>Critical Care</i> , 2012, 16, 145.	5.8	5
172	Assessment of the inflammatory effect of low-dose oxygen in mechanically ventilated patients. <i>Intensive Care Medicine</i> , 2013, 39, 711-716.	8.2	5
173	Defining a training framework for clinicians in respiratory critical care. <i>European Respiratory Journal</i> , 2014, 44, 572-577.	6.7	5
174	Innovations that could improve early recognition of ventilator-associated pneumonia. <i>Intensive Care Medicine</i> , 2014, 40, 1352-1354.	8.2	5
175	New Surviving Sepsis Campaign guidelines: back to the art of medicine. <i>European Respiratory Journal</i> , 2018, 52, 1701818.	6.7	5
176	Volume Infusion Markedly Increases Femoral dP/dtmax in Fluid-Responsive Patients Only*. <i>Critical Care Medicine</i> , 2020, 48, 1487-1493.	0.9	5
177	Early evaluation of organ failure using MELD-XI in critically ill elderly COVID-19 patients. <i>Clinical Hemorheology and Microcirculation</i> , 2021, 79, 109-120.	1.7	5
178	Disease-Course Adapting Machine Learning Prognostication Models in Elderly Patients Critically Ill With COVID-19: Multicenter Cohort Study With External Validation. <i>JMIR Medical Informatics</i> , 2022, 10, e32949.	2.6	5
179	Fluorescent PLGA Nanocarriers for Pulmonary Administration: Influence of the Surface Charge. <i>Pharmaceutics</i> , 2022, 14, 1447.	4.5	5
180	Cytology of Bronchoalveolar Lavage Fluid in Bacterial Pneumonia. <i>Chest</i> , 1990, 97, 1500-1501.	0.8	4

#	ARTICLE	IF	CITATIONS
181	What is next in sepsis: current trials in sepsis. Expert Review of Anti-Infective Therapy, 2012, 10, 859-862.	4.4	4
182	Appraisal of systemic inflammation and diagnostic markers in a porcine model of VAP: secondary analysis from a study on novel preventive strategies. Intensive Care Medicine Experimental, 2018, 6, 42.	1.9	4
183	Anticoagulant Treatment in Severe ARDS COVID-19 Patients. Journal of Clinical Medicine, 2022, 11, 2695.	2.4	4
184	SEPsIs REcognition and MAnagement (SEPREMA survey). Intensive Care Medicine, 2016, 42, 477-478.	8.2	3
185	Differences in Mortality in Critically Ill Elderly Patients During the Second COVID-19 Surge in Europe. SSRN Electronic Journal, 0, , .	0.4	3
186	Short-term mortality of patients ≥80 years old admitted to European intensive care units: an international observational study. British Journal of Anaesthesia, 2022, 129, 58-66.	3.4	3
187	Incidence, Severity, and Mortality of Acute Respiratory Failure in Berlin, Germany. American Journal of Respiratory and Critical Care Medicine, 1995, 151, 1121-1125.	5.6	2
188	Roundtable II: Clinical implications of anticoagulation mediator replacement in sepsis and acute respiratory distress syndrome. Critical Care Medicine, 2000, 28, S86-S87.	0.9	2
189	Biomarker Kinetics in VAP. Clinical Pulmonary Medicine, 2015, 22, 185-191.	0.3	2
190	Operational evaluation of the earlobe arterialized blood collector in critically ill patients. Extreme Physiology and Medicine, 2015, 4, 5.	2.5	2
191	Auto-PEEP Is Favored by Weakness of the Posterior Wall of the Trachea. Chest, 1992, 102, 655-656.	0.8	1
192	Severe Bleeding in Postoperative Patients with Infections. Annals of Pharmacotherapy, 1994, 28, 1308-1309.	1.9	1
193	The fully automatic external cardioverter defibrillator: reality of a new meaningful scenario for in-hospital cardiac arrests. Expert Review of Medical Devices, 2005, 2, 33-39.	2.8	1
194	Blood coagulation and inflammation in acute lung injury. Journal of Organ Dysfunction, 2009, 5, 101-109.	0.3	1
195	Coagulation Disorders in Acute Lung Injury. Current Respiratory Medicine Reviews, 2009, 5, 149-159.	0.2	1
196	Propensity scores in intensive care literature. Intensive Care Medicine, 2011, 37, 882-882.	8.2	1
197	Metabolite analysis in sepsis through conditional independence maps. , 2015, 2015, 6477-80.		1
198	Extracorporeal membrane oxygenation in acute respiratory distress syndrome: does it really help?. Journal of Thoracic Disease, 2018, 10, S3166-S3168.	1.4	1

#	ARTICLE	IF	CITATIONS
199	24th International Symposium on Infections in the Critically Ill Patient. Medical Sciences (Basel.) Tj ETQq1 1 0.784314 rgBT /Overlock	2.9	1
200	Characteristics and Outcomes in Patients with Ventilator-Associated Pneumonia Who Do or Do Not Develop Acute Respiratory Distress Syndrome. An Observational Study. Journal of Clinical Medicine, 2020, 9, 3508.	2.4	1
201	Association of chronic heart failure with mortality in old intensive care patients suffering from Covid-19. ESC Heart Failure, 2022, , .	3.1	1
202	Concomitant percutaneous embolectomy and thrombolysis in the treatment of early massive pulmonary embolism secondary to abdominal trauma – A case report and a review. Injury Extra, 2011, 42, 180-182.	0.2	0
203	Intensive care triage in the elderly. Critical Care Medicine, 2012, 40, 2265.	0.9	0
204	State of the Art in the Clinical Treatment of Endotoxic Shock. Blood Purification, 2014, 37, 2-4.	1.8	0
205	Precision Medicine for Extracorporeal CO2 Removal for Acute Respiratory Distress Syndrome: CO2 Physiological Considerations. American Journal of Respiratory and Critical Care Medicine, 2018, 197, 1090-1091.	5.6	0
206	Challenges in Critical Care. Seminars in Respiratory and Critical Care Medicine, 2021, 42, 001-001.	2.1	0