Antonio Artigas

List of Publications by Year
in descending order

206 papers	20,496 citations	20797 60 h-index	10724 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. Intensive Care Medicine, 2010, 36, 222-231.	3.9	1,180
2	Empiric Antibiotic Treatment Reduces Mortality in Severe Sepsis and Septic Shock From the First Hour. Critical Care Medicine, 2014, 42, 1749-1755.	0.4	1,159
3	Drotrecogin Alfa (Activated) in Adults with Septic Shock. New England Journal of Medicine, 2012, 366, 2055-2064.	13.9	1,112
4	The Surviving Sepsis Campaign: Results of an international guideline-based performance improvement program targeting severe sepsis*. Critical Care Medicine, 2010, 38, 367-374.	0.4	1,094
5	Discovery and validation of cell cycle arrest biomarkers in human acute kidney injury. Critical Care, 2013, 17, R25.	2.5	969
6	Efficacy and Safety of Tifacogin (Recombinant Tissue Factor Pathway Inhibitor) in Severe Sepsis. JAMA - Journal of the American Medical Association, 2003, 290, 238.	3.8	843
7	Epidemiology of sepsis and infection in ICU patients from an international multicentre cohort study. Intensive Care Medicine, 2002, 28, 108-121.	3.9	835
8	Improvement in Process of Care and Outcome After a Multicenter Severe Sepsis Educational Program in Spain. JAMA - Journal of the American Medical Association, 2008, 299, 2294.	3.8	626
9	Outcomes of the Surviving Sepsis Campaign in intensive care units in the USA and Europe: a prospective cohort study. Lancet Infectious Diseases, The, 2012, 12, 919-924.	4.6	447
10	Surviving Sepsis Campaign. Critical Care Medicine, 2015, 43, 3-12.	0.4	444
11	Fluid challenges in intensive care: the FENICE study. Intensive Care Medicine, 2015, 41, 1529-1537.	3.9	442
12	Effectiveness of Treatments for Severe Sepsis. American Journal of Respiratory and Critical Care Medicine, 2009, 180, 861-866.	2.5	396
13	High Tidal Volume and Positive Fluid Balance Are Associated With Worse Outcome in Acute Lung Injury. Chest, 2005, 128, 3098-3108.	0.4	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*. Critical Care Medicine, 2005, 33, 2266-2277.	0.4	368
15	The Americanâ€“European Consensus Conference on ARDS, Part 2. American Journal of Respiratory and Critical Care Medicine, 1998, 157, 1332-1347.	2.5	365
16	Report of the American-European Consensus Conference on acute respiratory distress syndrome: Definitions, mechanisms, relevant outcomes, and clinical trial coordination. Journal of Critical Care, 1994, 9, 72-81.	1.0	364
17	Effects of drotrecogin alfa (activated) on organ dysfunction in the PROWESS trial*. Critical Care Medicine, 2003, 31, 834-840.	0.4	359
18	The impact of frailty on ICU and 30-day mortality and the level of care in very elderly patients (â‰¥Â80Âyears). Intensive Care Medicine, 2017, 43, 1820-1828.	3.9	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. Intensive Care Medicine, 2018, 44, 281-299.	3.9	305
20	Neutrophil elastase inhibition in acute lung injury: Results of the STRIVE study. Critical Care Medicine, 2004, 32, 1695-1702.	0.4	290
21	Symptoms of burnout in intensive care unit specialists facing the COVID-19 outbreak. Annals of Intensive Care, 2020, 10, 110.	2.2	239
22	Relationship between SARS-CoV-2 infection and the incidence of ventilator-associated lower respiratory tract infections: a European multicenter cohort study. Intensive Care Medicine, 2021, 47, 188-198.	3.9	237
23	The contribution of frailty, cognition, activity of daily life and comorbidities on outcome in acutely admitted patients over 80Âyears in European ICUs: the VIP2 study. Intensive Care Medicine, 2020, 46, 57-69.	3.9	230
24	Influence of Systemic Inflammatory Response Syndrome and Sepsis on Outcome of Critically Ill Infected Patients. American Journal of Respiratory and Critical Care Medicine, 2003, 168, 77-84.	2.5	227
25	A comparison of severity of illness scoring systems for intensive care unit patients. Critical Care Medicine, 1995, 23, 1327-1335.	0.4	213
26	Surviving Sepsis Campaign: association between performance metrics and outcomes in a 7.5-year study. Intensive Care Medicine, 2014, 40, 1623-1633.	3.9	209
27	The status of intensive care medicine research and a future agenda for very old patients in the ICU. Intensive Care Medicine, 2017, 43, 1319-1328.	3.9	182
28	The Eldicus prospective, observational study of triage decision making in European intensive care units. Part II. Critical Care Medicine, 2012, 40, 132-138.	0.4	178
29	Systematic review and meta-analysis of complications and mortality of veno-venous extracorporeal membrane oxygenation for refractory acute respiratory distress syndrome. Annals of Intensive Care, 2017, 7, 51.	2.2	175
30	Positive-end expiratory pressure reduces incidence of ventilator-associated pneumonia in nonhypoxemic patients*. Critical Care Medicine, 2008, 36, 2225-2231.	0.4	167
31	Drotrecogin alfa (activated) in the treatment of severe sepsis patients with multiple-organ dysfunction: data from the PROWESS trial. Intensive Care Medicine, 2003, 29, 894-903.	3.9	166
32	Prophylactic Heparin in Patients with Severe Sepsis Treated with Drotrecogin Alfa (Activated). American Journal of Respiratory and Critical Care Medicine, 2007, 176, 483-490.	2.5	164
33	Local amplifiers of IL-4RÎ±â€“mediated macrophage activation promote repair in lung and liver. Science, 2017, 356, 1076-1080.	6.0	163
34	Obesity is associated with increased morbidity but not mortality in critically ill patients. Intensive Care Medicine, 2008, 34, 1999-2009.	3.9	149
35	Impact of Source Control in Patients With Severe Sepsis and Septic Shock*. Critical Care Medicine, 2017, 45, 11-19.	0.4	141
36	Role of albumin in diseases associated with severe systemic inflammation: Pathophysiologic and clinical evidence in sepsis and in decompensated cirrhosis. Journal of Critical Care, 2016, 33, 62-70.	1.0	126

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37	Endotracheal tube cuff pressure assessment. Critical Care Medicine, 1990, 18, 1423-1426.	0.4	122
38	The dynamics of the pulmonary microbiome during mechanical ventilation in the intensive care unit and the association with occurrence of pneumonia. Thorax, 2017, 72, 803-810.	2.7	118
39	Reasons for refusal of admission to intensive care and impact on mortality. Intensive Care Medicine, 2010, 36, 1772-1779.	3.9	112
40	Triage of intensive care patients: identifying agreement and controversy. Intensive Care Medicine, 2013, 39, 1916-1924.	3.9	111
41	The impact of frailty on survival in elderly intensive care patients with COVID-19: the COVIP study. Critical Care, 2021, 25, 149.	2.5	107
42	Withholding or withdrawing of life-sustaining therapy in older adults (â‰¥â€‰80Âyears) admitted to the intensive care unit. Intensive Care Medicine, 2018, 44, 1027-1038.	3.9	106
43	Recombinant Tissue Factor Pathway Inhibitor in Severe Community-acquired Pneumonia. American Journal of Respiratory and Critical Care Medicine, 2011, 183, 1561-1568.	2.5	104
44	Risk factors for mortality in elderly and very elderly critically ill patients with sepsis: a prospective, observational, multicenter cohort study. Annals of Intensive Care, 2019, 9, 26.	2.2	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). Intensive Care Medicine, 2018, 44, 438-448.	3.9	96
46	Caring for the critically ill patients over 80: a narrative review. Annals of Intensive Care, 2018, 8, 114.	2.2	96
47	Role of albumin in the preservation of endothelial glycocalyx integrity and the microcirculation: a review. Annals of Intensive Care, 2020, 10, 85.	2.2	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. Critical Care Medicine, 2016, 44, 1851-1860.	0.4	91
49	Patterns of colonization by Pseudomonas aeruginosa 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. Intensive Care Medicine, 2004, 30, 1768-1775.	3.9	89
50	Statin therapy prior to ICU admission: protection against infection or a severity marker?. Intensive Care Medicine, 2006, 32, 160-164.	3.9	86
51	BreathDx â€“ molecular analysis of exhaled breath as a diagnostic test for ventilatorâ€“associated pneumonia: protocol for a European multicentre observational study. BMC Pulmonary Medicine, 2017, 17, 1.	0.8	84
52	Update on the Features and Measurements of Experimental Acute Lung Injury in Animals: An Official American Thoracic Society Workshop Report. American Journal of Respiratory Cell and Molecular Biology, 2022, 66, e1-e14.	1.4	82
53	Use of the Sequential Organ Failure Assessment score as a severity score. Intensive Care Medicine, 2005, 31, 243-249.	3.9	81
54	Nebulised heparin as a treatment for COVID-19: scientific rationale and a call for randomised evidence. Critical Care, 2020, 24, 454.	2.5	81

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55	The Eldicus prospective, observational study of triage decision making in European intensive care units. Critical Care Medicine, 2012, 40, 125-131.	0.4	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. Critical Care, 2015, 19, 126.	2.5	80
57	Effect of acute moderate changes in PaCO2 on global hemodynamics and gastric perfusion. Critical Care Medicine, 2000, 28, 360-365.	0.4	77
58	Whatâ€™s new in multidrug-resistant pathogens in the ICU?. Annals of Intensive Care, 2016, 6, 96.	2.2	75
59	Implications of ICU triage decisions on patient mortality: a cost-effectiveness analysis. Critical Care, 2011, 15, R56.	2.5	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*. Critical Care Medicine, 2009, 37, 1874-1880.	0.4	70
61	Management of severe sepsis: advances, challenges, and current status. Drug Design, Development and Therapy, 2015, 9, 2079.	2.0	70
62	Impact of appropriate antimicrobial treatment on transition from ventilator-associated tracheobronchitis to ventilator-associated pneumonia. Critical Care, 2014, 18, R129.	2.5	63
63	Epidemiology of sepsis in Catalonia: analysis of incidence and outcomes in a European setting. Annals of Intensive Care, 2017, 7, 19.	2.2	63
64	Antibiotic prescription patterns in the empiric therapy of severe sepsis: combination of antimicrobials with different mechanisms of action reduces mortality. Critical Care, 2012, 16, R223.	2.5	61
65	Reliability of the Clinical Frailty Scale in very elderly ICU patients: a prospective European study. Annals of Intensive Care, 2021, 11, 22.	2.2	61
66	Efficacy of Single-Dose Antibiotic Against Early-Onset Pneumonia in Comatose Patients Who Are Ventilated. Chest, 2013, 143, 1219-1225.	0.4	59
67	Immunomodulation in Sepsis: The Role of Endotoxin Removal by Polymyxin B-Immobilized Cartridge. Mediators of Inflammation, 2013, 2013, 1-12.	1.4	58
68	Cost-effectiveness of the Surviving Sepsis Campaign protocol for severe sepsis: a prospective nation-wide study in Spain. Intensive Care Medicine, 2011, 37, 444-452.	3.9	56
69	The potential role of exhaled breath analysis in the diagnostic process of pneumoniaâ€”a systematic review. Journal of Breath Research, 2018, 12, 024001.	1.5	56
70	International variation in the management of severe COVID-19 patients. Critical Care, 2020, 24, 486.	2.5	55
71	Thenar oxygen saturation measured by near infrared spectroscopy as a noninvasive predictor of low central venous oxygen saturation in septic patients. Intensive Care Medicine, 2009, 35, 1106-1109.	3.9	52
72	Estimated dead space fraction and the ventilatory ratio are associated with mortality in early ARDS. Annals of Intensive Care, 2019, 9, 128.	2.2	52

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73	Lack of Oxygen Supply Dependency in Patients With Severe Sepsis. Chest, 1994, 106, 1524-1531.	0.4	51
74	Serum Lipopolysaccharide Binding Protein Levels Predict Severity of Lung Injury and Mortality in Patients with Severe Sepsis. PLoS ONE, 2009, 4, e6818.	1.1	51
75	Biomarker kinetics in the prediction of VAP diagnosis: results from the BioVAP study. Annals of Intensive Care, 2016, 6, 32.	2.2	50
76	Nebulized Heparin Attenuates Pulmonary Coagulopathy and Inflammation through Alveolar Macrophages in a Rat Model of Acute Lung Injury. Thrombosis and Haemostasis, 2017, 117, 2125-2134.	1.8	49
77	A modified McCabe score for stratification of patients after intensive care unit discharge: the Sabadell score. Critical Care, 2006, 10, R179.	2.5	48
78	Resolved versus confirmed ARDS after 24Âh: insights from the LUNG SAFE study. Intensive Care Medicine, 2018, 44, 564-577.	3.9	48
79	Polymyxin-B hemoperfusion in septic patients: analysis of a multicenter registry. Annals of Intensive Care, 2016, 6, 77.	2.2	46
80	Anticoagulant therapy in acute respiratory distress syndrome. Annals of Translational Medicine, 2018, 6, 36-36.	0.7	44
81	Steroid use in elderly critically ill COVID-19 patients. European Respiratory Journal, 2021, 58, 2100979.	3.1	44
82	Noninvasive ventilation in patients with â€œdo-not-intubateâ€•orders: medium-term efficacy depends critically on patient selection. Intensive Care Medicine, 2007, 33, 350-354.	3.9	43
83	Improved empirical antibiotic treatment of sepsis after an educational intervention: the ABISS-Edusepsis study. Critical Care, 2018, 22, 167.	2.5	43
84	A clinical study of the adult respiratory distress syndrome. Critical Care Medicine, 1987, 15, 243-246.	0.4	41
85	Effect of two tidal volumes on oxygenation and respiratory system mechanics during the early stage of adult respiratory distress syndrome. Journal of Critical Care, 1994, 9, 151-158.	1.0	40
86	The role of hypercapnia in acute respiratory failure. Intensive Care Medicine Experimental, 2019, 7, 39.	0.9	39
87	Fas activation alters tight junction proteins in acute lung injury. Thorax, 2019, 74, 69-82.	2.7	35
88	Ward mortality in patients discharged from the ICU with tracheostomy may depend on patientâ€™s vulnerability. Intensive Care Medicine, 2008, 34, 1878-1882.	3.9	34
89	The protective association of endogenous immunoglobulins against sepsis mortality is restricted to patients with moderate organ failure. Annals of Intensive Care, 2017, 7, 44.	2.2	33
90	Low Reticulocyte Hemoglobin Content Is Associated with a Higher Blood Transfusion Rate in Critically Ill Patients. Anesthesiology, 2010, 112, 1211-1215.	1.3	32

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91	Fat Embolism Syndrome and Pulmonary Microvascular Cytology. Chest, 1992, 101, 1710-1711.	0.4	30
92	The volatile metabolic fingerprint of ventilator-associated pneumonia. Intensive Care Medicine, 2014, 40, 761-762.	3.9	30
93	Inhalation therapies in acute respiratory distress syndrome. Annals of Translational Medicine, 2017, 5, 293-293.	0.7	30
94	Cell therapy for the treatment of sepsis and acute respiratory distress syndrome. Annals of Translational Medicine, 2017, 5, 446-446.	0.7	30
95	A comparison of very old patients admitted to intensive care unit after acute versus elective surgery or intervention. Journal of Critical Care, 2019, 52, 141-148.	1.0	30
96	Comparison of direct and indirect models of early induced acute lung injury. Intensive Care Medicine Experimental, 2020, 8, 62.	0.9	30
97	Hemodynamic responses to external counterbalancing of auto-positive end-expiratory pressure in mechanically ventilated patients with chronic obstructive pulmonary disease. Critical Care Medicine, 1994, 22, 1782-1791.	0.4	29
98	ERS statement on chest imaging in acute respiratory failure. European Respiratory Journal, 2019, 54, 1900435.	3.1	29
99	Intratracheal instillation of alveolar type II cells enhances recovery from acute lung injury in rats. Journal of Heart and Lung Transplantation, 2018, 37, 782-791.	0.3	28
100	Cumulative Prognostic Score Predicting Mortality in Patients Older Than 80 Years Admitted to the ICU. Journal of the American Geriatrics Society, 2019, 67, 1263-1267.	1.3	28
101	Outcomes of Patients Presenting with Mild Acute Respiratory Distress Syndrome. Anesthesiology, 2019, 130, 263-283.	1.3	28
102	Acute respiratory distress syndrome: prevention and early recognition. Annals of Intensive Care, 2013, 3, 11.	2.2	27
103	Huge variation in obtaining ethical permission for a non-interventional observational study in Europe. BMC Medical Ethics, 2019, 20, 39.	1.0	27
104	Optimal care and design of the tracheal cuff in the critically ill patient. Annals of Intensive Care, 2014, 4, 7.	2.2	26
105	Early physiological and biological features in three animal models of induced acute lung injury. Intensive Care Medicine, 2010, 36, 347-355.	3.9	25
106	Thenar oxygen saturation during weaning from mechanical ventilation: an observational study. European Respiratory Journal, 2014, 43, 213-220.	3.1	25
107	Relationship Between Expired Capnogram and Respiratory System Resistance in Critically Ill Patients During Total Ventilatory Support. Chest, 1994, 105, 219-223.	0.4	24
108	Thenar Oxygen Saturation and Invasive Oxygen Delivery Measurements in Critically Ill Patients in Early Septic Shock. Shock, 2011, 35, 456-459.	1.0	24

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109	Predicting treatment failure in patients with community acquired pneumonia: a case-control study. Respiratory Research, 2014, 15, 75.	1.4	24
110	BMI and pneumonia outcomes in critically ill COVIDâ€19 patients: An international multicenter study. Obesity, 2021, 29, 1477-1486.	1.5	24
111	Clinical review: non-antibiotic strategies for preventing ventilator-associated pneumonia. Critical Care, 2002, 6, 45.	2.5	23
112	Biomarkers kinetics in the assessment of ventilator-associated pneumonia response to antibiotics - results from the BioVAP study. Journal of Critical Care, 2017, 41, 91-97.	1.0	23
113	Increased 30-day mortality in very old ICU patients with COVID-19 compared to patients with respiratory failure without COVID-19. Intensive Care Medicine, 2022, 48, 435-447.	3.9	23
114	Defining a High-Performance ICU System for the 21st Century: A Position Paper. Journal of Intensive Care Medicine, 1998, 13, 195-205.	1.3	22
115	Performance of the Mortality Probability Models in assessing severity of illness during the first week in the intensive care unit. Critical Care Medicine, 2000, 28, 2819-2824.	0.4	22
116	Daily assessment of severity of illness and mortality prediction for individual patients. Critical Care Medicine, 2001, 29, 45-50.	0.4	22
117	Barrier-Protective Effects of Activated Protein C in Human Alveolar Epithelial Cells. PLoS ONE, 2013, 8, e56965.	1.1	22
118	Intensive care unit patients with lower respiratory tract nosocomial infections: the ENIRRIs project. ERJ Open Research, 2017, 3, 00092-2017.	1.1	22
119	Role of heparin in pulmonary cell populations in an in-vitro model of acute lung injury. Respiratory Research, 2017, 18, 89.	1.4	21
120	Effects of nebulized antithrombin and heparin on inflammatory and coagulation alterations in an acute lung injury model in rats. Journal of Thrombosis and Haemostasis, 2020, 18, 571-583.	1.9	21
121	Inhaled nitric oxide does not improve cardiac or pulmonary function in patients with an exacerbation of chronic obstructive pulmonary disease. Critical Care Medicine, 1999, 27, 2153-2158.	0.4	21
122	Mesenchymal Stem/Stromal Cells Therapy for Sepsis and Acute Respiratory Distress Syndrome. Seminars in Respiratory and Critical Care Medicine, 2021, 42, 020-039.	0.8	20
123	Frailty is associated with long-term outcome in patients with sepsis who are over 80Âyears old: results from an observational study in 241 European ICUs. Age and Ageing, 2021, 50, 1719-1727.	0.7	20
124	Respiratory critical care HERMES syllabus: defining competencies for respiratory doctors. European Respiratory Journal, 2012, 39, 1294-1297.	3.1	19
125	Inhibitors of the reninâ€“angiotensinâ€“aldosterone system and COVID-19 in critically ill elderly patients. European Heart Journal - Cardiovascular Pharmacotherapy, 2021, 7, 76-77.	1.4	19
126	Relationship between the Clinical Frailty Scale and short-term mortality in patientsâ€‰â‰¥â€‰80Âyears old acutely admitted to the ICU: a prospective cohort study. Critical Care, 2021, 25, 231.	2.5	19

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127	INHALEd nebulised unfractionated HEParin for the treatment of hospitalised patients with COVIDâ€19 (INHALEâ€HEP): Protocol and statistical analysis plan for an investigatorâ€initiated international metatrial of randomised studies. British Journal of Clinical Pharmacology, 2021, 87, 3075-3091.	1.1	19
128	Effectiveness of an inspiratory pressure-limited approach to mechanical ventilation in septic patients. European Respiratory Journal, 2013, 41, 157-164.	3.1	18
129	Clinical impact of stress dose steroids in patients with septic shock: insights from the PROWESS-Shock trial. Critical Care, 2015, 19, 193.	2.5	18
130	Randomized trial evaluating serial protein C levels in severe sepsis patients treated with variable doses of drotrecogin alfa (activated). Critical Care, 2010, 14, R229.	2.5	17
131	Extracorporeal carbon dioxide removal for acute hypercapnic respiratory failure. Annals of Intensive Care, 2019, 9, 79.	2.2	17
132	Inhaled nebulised unfractionated heparin for the treatment of hospitalised patients with COVIDâ€19: A multicentre case series of 98 patients. British Journal of Clinical Pharmacology, 2022, 88, 2802-2813.	1.1	17
133	The Effect of Short-term Instillation of a Mucolytic Agent (Mesna) on Airway Resistance in Mechanically Ventilated Patients. Chest, 1995, 107, 1101-1106.	0.4	16
134	Framework to Support the Process of Decision-Making on Life-Sustaining Treatments in the ICU: Results of a Delphi Study. Critical Care Medicine, 2020, 48, 645-653.	0.4	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. Annals of Intensive Care, 2020, 10, 56.	2.2	16
136	Tumor necrosis factor receptor 1 (TNFRI) for ventilator-associated pneumonia diagnosis by cytokine multiplex analysis. Intensive Care Medicine Experimental, 2015, 3, 26.	0.9	15
137	Nebulized Amikacin and Fosfomycin for Severe Pseudomonas aeruginosa Pneumonia. Critical Care Medicine, 2019, 47, e470-e477.	0.4	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. Cells, 2020, 9, 1816.	1.8	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. Critical Care Medicine, 2001, 29, S75-S77.	0.4	14
140	Near-infrared spectroscopy StO2 monitoring to assess the therapeutic effect of drotrecogin alfa (activated) on microcirculation in patients with severe sepsis or septic shock. Annals of Intensive Care, 2013, 3, 30.	2.2	13
141	Physiologic Parameters as Biomarkers: What Can We Learn from Physiologic Variables and Variation?. Critical Care Clinics, 2011, 27, 229-240.	1.0	12
142	Actual performance of mechanical ventilators in ICU: a multicentric quality control study. Medical Devices: Evidence and Research, 2012, 5, 111.	0.4	12
143	Influence of changes in ventricular systolic function and loading conditions on pulse contour analysis-derived femoral dP/dtmax. Annals of Intensive Care, 2019, 9, 61.	2.2	12
144	Acute respiratory distress syndrome subphenotypes and therapy responsive traits among preclinical models: protocol for a systematic review and meta-analysis. Respiratory Research, 2020, 21, 81.	1.4	12

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145	Biophysically Preconditioning Mesenchymal Stem Cells Improves Treatment of Ventilator-Induced Lung Injury. Archivos De Bronconeumologia, 2020, 56, 179-181.	0.4	12
146	Thenar oxygen saturation (StO2) alterations during a spontaneous breathing trial predict extubation failure. Annals of Intensive Care, 2020, 10, 54.	2.2	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. Annals of Intensive Care, 2021, 11, 128.	2.2	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. Journal of Critical Care, 1991, 6, 202-210.	1.0	11
149	Assessment of the Prognosis of Coronary Patients. Chest, 1997, 111, 1666-1671.	0.4	11
150	Efficiency of a mechanical device in controlling tracheal cuff pressure in intubated critically ill patients: a randomized controlled study. Annals of Intensive Care, 2015, 5, 54.	2.2	11
151	Provision of critical care for the elderly in Europe: a retrospective comparison of national healthcare frameworks in intensive care units. BMJ Open, 2021, 11, e046909.	0.8	11
152	Respiratory center activity during mechanical ventilation. Journal of Critical Care, 1991, 6, 102-111.	1.0	10
153	The definition of ARDS revisited: 20Âyears later. Intensive Care Medicine, 2016, 42, 640-642.	3.9	10
154	Incidence of airway complications in patients using endotracheal tubes with continuous aspiration of subglottic secretions. Annals of Intensive Care, 2017, 7, 109.	2.2	10
155	The association of the Activities of Daily Living and the outcome of old intensive care patients suffering from COVID-19. Annals of Intensive Care, 2022, 12, 26.	2.2	10
156	Sex-specific outcome disparities in very old patients admitted to intensive care medicine: a propensity matched analysis. Scientific Reports, 2020, 10, 18671.	1.6	9
157	Biomarkers in the ICU: less is more? No. Intensive Care Medicine, 2021, 47, 97-100.	3.9	9
158	Clinical characteristics, physiological features, and outcomes associated with hypercapnia in patients with acute hypoxemic respiratory failure due to COVIDâ€“19---insights from the PRoVENTâ€“COVID study. Journal of Critical Care, 2022, 69, 154022.	1.0	9
159	Ventilatory factors affecting inhaled nitric oxide concentrations during continuous-flow administration. Journal of Critical Care, 1996, 11, 138-143.	1.0	8
160	Earlobe arterialized capillary blood gas analysis in the intensive care unit: a pilot study. Annals of Intensive Care, 2014, 4, 11.	2.2	8
161	Variations in endâ€ofâ€life care practices in older critically ill patients with COVIDâ€19 in Europe. Journal of Internal Medicine, 2022, 292, 438-449.	2.7	8
162	Lung Extracellular Matrix Hydrogels Enhance Preservation of Type II Phenotype in Primary Alveolar Epithelial Cells. International Journal of Molecular Sciences, 2022, 23, 4888.	1.8	8

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163	Impact of hemoperfusion with polymyxin B added to hemofiltration in patients with endotoxic shock: a caseâ€“control study. Annals of Intensive Care, 2018, 8, 121.	2.2	7
164	Impact of triage-to-admission time on patient outcome in European intensive care units: A prospective, multi-national study. Journal of Critical Care, 2019, 53, 11-17.	1.0	7
165	Soluble urokinase plasminogen activator receptor for the prediction of ventilator-associated pneumonia. ERJ Open Research, 2019, 5, 00212-2018.	1.1	7
166	Methotrexate Ameliorates Systemic Inflammation and Septic Associated-Lung Damage in a Cecal Ligation and Puncture Septic Rat Model. International Journal of Molecular Sciences, 2021, 22, 9612.	1.8	7
167	Management and outcomes in critically ill nonagenarian versus octogenarian patients. BMC Geriatrics, 2021, 21, 576.	1.1	7
168	Differences in mortality in critically ill elderly patients during the second COVID-19 surge in Europe. Critical Care, 2021, 25, 344.	2.5	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. Age and Ageing, 2022, 51, .	0.7	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. Critical Care Medicine, 2001, 29, S107-S108.	0.4	5
171	The Barcelona Declaration from the World Alliance against Antibiotic Resistance: engagement of intensivists. Critical Care, 2012, 16, 145.	2.5	5
172	Assessment of the inflammatory effect of low-dose oxygen in mechanically ventilated patients. Intensive Care Medicine, 2013, 39, 711-716.	3.9	5
173	Defining a training framework for clinicians in respiratory critical care. European Respiratory Journal, 2014, 44, 572-577.	3.1	5
174	Innovations that could improve early recognition of ventilator-associated pneumonia. Intensive Care Medicine, 2014, 40, 1352-1354.	3.9	5
175	New Surviving Sepsis Campaign guidelines: back to the art of medicine. European Respiratory Journal, 2018, 52, 1701818.	3.1	5
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