

# Ricard Ferrer

## List of Publications by Citations

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172  
papers

11,385  
citations

36  
h-index

105  
g-index

227  
ext. papers

15,979  
ext. citations

6.4  
avg, IF

5.87  
L-index

#	Paper	IF	Citations
172	Surviving Sepsis Campaign: International Guidelines for Management of Sepsis and Septic Shock: 2016. <i>Intensive Care Medicine</i> , <b>2017</b> , 43, 304-377	14.5	3178
171	Surviving Sepsis Campaign: International Guidelines for Management of Sepsis and Septic Shock: 2016. <i>Critical Care Medicine</i> , <b>2017</b> , 45, 486-552	1.4	1683
170	Genomewide Association Study of Severe Covid-19 with Respiratory Failure. <i>New England Journal of Medicine</i> , <b>2020</b> , 383, 1522-1534	59.2	913
169	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> , <b>2014</b> , 42, 1749-55	1.4	855
168	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> , <b>2008</b> , 299, 2294-303	27.4	505
167	Effectiveness of treatments for severe sepsis: a prospective, multicenter, observational study. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2009</b> , 180, 861-6	10.2	320
166	The Surviving Sepsis Campaign bundles and outcome: results from the International Multicentre Prevalence Study on Sepsis (the IMPreSS study). <i>Intensive Care Medicine</i> , <b>2015</b> , 41, 1620-8	14.5	245
165	Surviving sepsis campaign: international guidelines for management of sepsis and septic shock 2021. <i>Intensive Care Medicine</i> , <b>2021</b> , 47, 1181-1247	14.5	199
164	Efficacy and safety of cefiderocol or best available therapy for the treatment of serious infections caused by carbapenem-resistant Gram-negative bacteria (CREDIBLE-CR): a randomised, open-label, multicentre, pathogen-focused, descriptive, phase 3 trial. <i>Lancet Infectious Diseases</i> , <b>2021</b> , 21, 226-240	25.5	147
163	Surviving Sepsis Campaign: International Guidelines for Management of Sepsis and Septic Shock 2021. <i>Critical Care Medicine</i> , <b>2021</b> , 49, e1063-e1143	1.4	131
162	The COVID-19 puzzle: deciphering pathophysiology and phenotypes of a new disease entity. <i>Lancet Respiratory Medicine</i> , <b>2021</b> , 9, 622-642	35.1	121
161	Helicobacter pylori eradication in functional dyspepsia: HEROES trial. <i>Archives of Internal Medicine</i> , <b>2011</b> , 171, 1929-36		116
160	The impact of a quality improvement intervention to reduce nosocomial infections in a PICU. <i>Pediatric Critical Care Medicine</i> , <b>2013</b> , 14, 525-32	3	114
159	Causes and predictors of nonresponse to treatment of intensive care unit-acquired pneumonia. <i>Critical Care Medicine</i> , <b>2004</b> , 32, 938-45	1.4	108
158	Feasibility and safety of extracorporeal CO removal to enhance protective ventilation in acute respiratory distress syndrome: the SUPERNOVA study. <i>Intensive Care Medicine</i> , <b>2019</b> , 45, 592-600	14.5	103
157	Surviving sepsis campaign: research priorities for sepsis and septic shock. <i>Intensive Care Medicine</i> , <b>2018</b> , 44, 1400-1426	14.5	101
156	Viral RNA load in plasma is associated with critical illness and a dysregulated host response in COVID-19. <i>Critical Care</i> , <b>2020</b> , 24, 691	10.8	99

155	Procalcitonin (PCT)-guided antibiotic stewardship: an international experts consensus on optimized clinical use. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2019</b> , 57, 1308-1318	5.9	98
154	Albumin administration in the acutely ill: what is new and where next?. <i>Critical Care</i> , <b>2014</b> , 18, 231	10.8	98
153	Impact of Source Control in Patients With Severe Sepsis and Septic Shock. <i>Critical Care Medicine</i> , <b>2017</b> , 45, 11-19	1.4	96
152	Risk and prognostic factors of ventilator-associated pneumonia in trauma patients. <i>Critical Care Medicine</i> , <b>2006</b> , 34, 1067-72	1.4	72
151	Procalcitonin (PCT) levels for ruling-out bacterial coinfection in ICU patients with influenza: A CHAID decision-tree analysis. <i>Journal of Infection</i> , <b>2016</b> , 72, 143-51	18.9	70
150	Pulmonary Function and Radiologic Features in Survivors of Critical COVID-19: A 3-Month Prospective Cohort. <i>Chest</i> , <b>2021</b> , 160, 187-198	5.3	64
149	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> , <b>2018</b> , 44, 438-448	14.5	62
148	Effect of Intravenous Interferon $\beta$ 1a on Death and Days Free From Mechanical Ventilation Among Patients With Moderate to Severe Acute Respiratory Distress Syndrome: A Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , <b>2020</b> , 323, 725-733	27.4	59
147	Efficacy of corticosteroid therapy in patients with an acute exacerbation of chronic obstructive pulmonary disease receiving ventilatory support. <i>Archives of Internal Medicine</i> , <b>2011</b> , 171, 1939-46		59
146	Surviving Sepsis Campaign: Research Priorities for Sepsis and Septic Shock. <i>Critical Care Medicine</i> , <b>2018</b> , 46, 1334-1356	1.4	58
145	Vitamin C levels in patients with SARS-CoV-2-associated acute respiratory distress syndrome. <i>Critical Care</i> , <b>2020</b> , 24, 522	10.8	58
144	Microbial investigation in ventilator-associated pneumonia. <i>European Respiratory Journal</i> , <b>2001</b> , 17, 791-801	9.6	52
143	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> , <b>2019</b> , 9, 26	8.9	50
142	Efficacy of single-dose antibiotic against early-onset pneumonia in comatose patients who are ventilated. <i>Chest</i> , <b>2013</b> , 143, 1219-1225	5.3	50
141	Cost-effectiveness of the Surviving Sepsis Campaign protocol for severe sepsis: a prospective nation-wide study in Spain. <i>Intensive Care Medicine</i> , <b>2011</b> , 37, 444-52	14.5	48
140	Antibiotic prescription patterns in the empiric therapy of severe sepsis: combination of antimicrobials with different mechanisms of action reduces mortality. <i>Critical Care</i> , <b>2012</b> , 16, R223	10.8	44
139	Rapid and Digital Detection of Inflammatory Biomarkers Enabled by a Novel Portable Nanoplasmonic Imager. <i>Small</i> , <b>2020</b> , 16, e1906108	11	44
138	Immunomodulation in sepsis: the role of endotoxin removal by polymyxin B-immobilized cartridge. <i>Mediators of Inflammation</i> , <b>2013</b> , 2013, 507539	4.3	41

137	Epidemiology of sepsis in Catalonia: analysis of incidence and outcomes in a European setting. <i>Annals of Intensive Care</i> , <b>2017</b> , 7, 19	8.9	39
136	Naturally occurring SARS-CoV-2 gene deletions close to the spike S1/S2 cleavage site in the viral quasispecies of COVID19 patients. <i>Emerging Microbes and Infections</i> , <b>2020</b> , 9, 1900-1911	18.9	36
135	Multicenter, randomized, placebo-controlled phase III study of pyridoxalated hemoglobin polyoxyethylene in distributive shock (PHOENIX). <i>Critical Care Medicine</i> , <b>2015</b> , 43, 57-64	1.4	35
134	Ventilator-associated pneumonia: incidence, risk factors, and microbiology. <i>Seminars in Respiratory Infections</i> , <b>2000</b> , 15, 272-9		35
133	Non-oncotic properties of albumin. A multidisciplinary vision about the implications for critically ill patients. <i>Expert Review of Clinical Pharmacology</i> , <b>2018</b> , 11, 125-137	3.8	35
132	Ceftolozane/tazobactam for the treatment of XDR Pseudomonas aeruginosa infections. <i>Infection</i> , <b>2018</b> , 46, 461-468	5.8	32
131	Label-free Bacteria Quantification in Blood Plasma by a Bioprinted Microarray Based Interferometric Point-of-Care Device. <i>ACS Sensors</i> , <b>2019</b> , 4, 52-60	9.2	32
130	Executive Summary: Surviving Sepsis Campaign: International Guidelines for the Management of Sepsis and Septic Shock 2021. <i>Critical Care Medicine</i> , <b>2021</b> , 49, 1974-1982	1.4	31
129	International variation in the management of severe COVID-19 patients. <i>Critical Care</i> , <b>2020</b> , 24, 486	10.8	30
128	Circulating microRNA profiles predict the severity of COVID-19 in hospitalized patients. <i>Translational Research</i> , <b>2021</b> , 236, 147-159	11	29
127	Inflammatory cytokines and organ dysfunction associate with the aberrant DNA methylome of monocytes in sepsis. <i>Genome Medicine</i> , <b>2019</b> , 11, 66	14.4	28
126	Community-acquired Respiratory Viruses Are a Risk Factor for Chronic Lung Allograft Dysfunction. <i>Clinical Infectious Diseases</i> , <b>2019</b> , 69, 1192-1197	11.6	28
125	Bloodstream infection in the ICU. <i>Infectious Disease Clinics of North America</i> , <b>2009</b> , 23, 557-69	6.5	26
124	Diagnostic and therapeutic approach to infectious diseases in solid organ transplant recipients. <i>Intensive Care Medicine</i> , <b>2019</b> , 45, 573-591	14.5	25
123	Improved empirical antibiotic treatment of sepsis after an educational intervention: the ABISS-Edusepsis study. <i>Critical Care</i> , <b>2018</b> , 22, 167	10.8	25
122	Deploying unsupervised clustering analysis to derive clinical phenotypes and risk factors associated with mortality risk in 2022 critically ill patients with COVID-19 in Spain. <i>Critical Care</i> , <b>2021</b> , 25, 63	10.8	24
121	Delay in diagnosis of influenza A (H1N1)pdm09 virus infection in critically ill patients and impact on clinical outcome. <i>Critical Care</i> , <b>2016</b> , 20, 337	10.8	21
120	Crystalloids and colloids in critical patient resuscitation. <i>Medicina Intensiva</i> , <b>2015</b> , 39, 303-15	1.2	20

119	The protective association of endogenous immunoglobulins against sepsis mortality is restricted to patients with moderate organ failure. <i>Annals of Intensive Care</i> , <b>2017</b> , 7, 44	8.9	19
118	Proteolysis in septic shock patients: plasma peptidomic patterns are associated with mortality. <i>British Journal of Anaesthesia</i> , <b>2018</b> , 121, 1065-1074	5.4	18
117	Current aspects in sepsis approach. Turning things around. <i>Revista Espanola De Quimioterapia</i> , <b>2018</b> , 31, 298-315	1.6	18
116	The Intensive Care Global Study on Severe Acute Respiratory Infection (IC-GLOSSARI): a multicenter, multinational, 14-day inception cohort study. <i>Intensive Care Medicine</i> , <b>2016</b> , 42, 817-828	14.5	17
115	Hypoxemic Patients With Bilateral Infiltrates Treated With High-Flow Nasal Cannula Present a Similar Pattern of Biomarkers of Inflammation and Injury to Acute Respiratory Distress Syndrome Patients. <i>Critical Care Medicine</i> , <b>2017</b> , 45, 1845-1853	1.4	17
114	Clinical review: non-antibiotic strategies for preventing ventilator-associated pneumonia. <i>Critical Care</i> , <b>2002</b> , 6, 45-51	10.8	17
113	Passive leg raising for assessment of volume responsiveness: a review. <i>Current Opinion in Critical Care</i> , <b>2017</b> , 23, 237-243	3.5	16
112	Conservative vs liberal fluid therapy in septic shock (CLASSIC) trial-Protocol and statistical analysis plan. <i>Acta Anaesthesiologica Scandinavica</i> , <b>2019</b> , 63, 1262-1271	1.9	16
111	The Surviving Sepsis Campaign: Research Priorities for Coronavirus Disease 2019 in Critical Illness. <i>Critical Care Medicine</i> , <b>2021</b> , 49, 598-622	1.4	16
110	Nangibotide in patients with septic shock: a Phase 2a randomized controlled clinical trial. <i>Intensive Care Medicine</i> , <b>2020</b> , 46, 1425-1437	14.5	15
109	Feature selection for the accurate prediction of septic and cardiogenic shock ICU mortality in the acute phase. <i>PLoS ONE</i> , <b>2018</b> , 13, e0199089	3.7	14
108	Criteria for initiation of invasive ventilation in septic shock: An international survey. <i>Journal of Critical Care</i> , <b>2016</b> , 31, 54-7	4	13
107	Treatment with echinocandins during continuous renal replacement therapy. <i>Critical Care</i> , <b>2014</b> , 18, 21810.8	10.8	13
106	An approach to antibiotic treatment in patients with sepsis. <i>Journal of Thoracic Disease</i> , <b>2020</b> , 12, 1007-1021	10.8	13
105	Polymyxin B hemoperfusion in coronavirus disease 2019 patients with endotoxic shock: Case series from EUPHAS2 registry. <i>Artificial Organs</i> , <b>2021</b> , 45, E187-E194	2.6	13
104	Effectiveness of an inspiratory pressure-limited approach to mechanical ventilation in septic patients. <i>European Respiratory Journal</i> , <b>2013</b> , 41, 157-64	13.6	12
103	Biomarkers and clinical scores to aid the identification of disease severity and intensive care requirement following activation of an in-hospital sepsis code. <i>Annals of Intensive Care</i> , <b>2020</b> , 10, 7	8.9	12
102	Donor-derived bacterial infections in lung transplant recipients in the era of multidrug resistance. <i>Journal of Infection</i> , <b>2020</b> , 80, 190-196	18.9	12

101	EPICO 3.0. Antifungal prophylaxis in solid organ transplant recipients. <i>Revista Iberoamericana De Micologia</i> , <b>2016</b> , 33, 187-195	1.6	12
100	ShockOmics: multiscale approach to the identification of molecular biomarkers in acute heart failure induced by shock. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , <b>2016</b> , 24, 9	3.6	11
99	Extracorporeal CO2 removal: Technical and physiological fundamentals and principal indications. <i>Medicina Intensiva</i> , <b>2016</b> , 40, 33-8	1.2	11
98	Differential time to positivity of blood cultures: a valid method for diagnosing catheter-related bloodstream infections in the intensive care unit. <i>Medicina Intensiva</i> , <b>2012</b> , 36, 169-76	1.2	11
97	Lung transplantation in two cystic fibrosis patients infected with previously pandrug-resistant Burkholderia cepacia complex treated with ceftazidime-avibactam. <i>Infection</i> , <b>2019</b> , 47, 289-292	5.8	11
96	A multifaceted educational intervention shortened time to antibiotic administration in children with severe sepsis and septic shock: ABISS Edusepsis pediatric study. <i>Intensive Care Medicine</i> , <b>2017</b> , 43, 1916-1918	14.5	10
95	Extracorporeal Membrane Oxygenation for Adults With Refractory Septic Shock. <i>ASAIO Journal</i> , <b>2019</b> , 65, 760-768	3.6	10
94	Low compliance with the 2 minutes of uninterrupted chest compressions recommended in the 2010 International Resuscitation Guidelines. <i>Journal of Critical Care</i> , <b>2015</b> , 30, 711-4	4	10
93	EPICO 2.0 project. Development of educational therapeutic recommendations using the DELPHI technique on invasive candidiasis in critically ill adult patients in special situations. <i>Revista Iberoamericana De Micologia</i> , <b>2014</b> , 31, 157-75	1.6	10
92	Declining mortality due to severe sepsis and septic shock in Spanish intensive care units: A two-cohort study in 2005 and 2011. <i>Medicina Intensiva</i> , <b>2017</b> , 41, 28-37	1.2	9
91	Investigational drugs in phase I and phase II clinical trials for the treatment of hospital-acquired pneumonia. <i>Expert Opinion on Investigational Drugs</i> , <b>2016</b> , 25, 653-65	5.9	9
90	βico Project. Development of educational recommendations using the DELPHI technique on invasive candidiasis in non-neutropenic critically ill adult patients. <i>Revista Iberoamericana De Micologia</i> , <b>2013</b> , 30, 135-49	1.6	9
89	Extracorporeal Membrane Oxygenation Retrieval in Coronavirus Disease 2019: A Case-Series of 19 Patients Supported at a High-Volume Extracorporeal Membrane Oxygenation Center <b>2020</b> , 2, e0228		9
88	Bridging animal and clinical research during SARS-CoV-2 pandemic: A new-old challenge. <i>EBioMedicine</i> , <b>2021</b> , 66, 103291	8.8	9
87	COVID-19 Infection in Critically Ill Patients Carries a High Risk of Venous Thrombo-embolism. <i>European Journal of Vascular and Endovascular Surgery</i> , <b>2021</b> , 61, 628-634	2.3	9
86	Near-infrared spectroscopy StO2 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> , <b>2013</b> , 3, 30	8.9	8
85	Physiologic parameters as biomarkers: what can we learn from physiologic variables and variation?. <i>Critical Care Clinics</i> , <b>2011</b> , 27, 229-40	4.5	8
84	Anticoagulative effect of nitric oxide inhalation in ARDS. <i>Intensive Care Medicine</i> , <b>1998</b> , 24, 837-8	14.5	8

83	Comparison of real-time and droplet digital PCR to detect and quantify SARS-CoV-2 RNA in plasma. <i>European Journal of Clinical Investigation</i> , <b>2021</b> , 51, e13501	4.6	8
82	Antimicrobial Consumption among 66 Acute Care Hospitals in Catalonia: Impact of the COVID-19 Pandemic. <i>Antibiotics</i> , <b>2021</b> , 10,	4.9	8
81	Appropriate antibiotic dosing in severe sepsis and acute renal failure: factors to consider. <i>Critical Care</i> , <b>2011</b> , 15, 175	10.8	7
80	Low anti-SARS-CoV-2 S antibody levels predict increased mortality and dissemination of viral components in the blood of critical COVID-19 patients. <i>Journal of Internal Medicine</i> , <b>2021</b> ,	10.8	7
79	Risk factors and outcomes of ventilator-associated pneumonia in COVID-19 patients: a propensity score matched analysis. <i>Critical Care</i> , <b>2021</b> , 25, 235	10.8	7
78	Blood culture differential time to positivity enables safe catheter retention in suspected catheter-related bloodstream infection: a randomized controlled trial. <i>Medicina Intensiva</i> , <b>2015</b> , 39, 135-41	1.2	6
77	Treatment strategies for central venous catheter infections. <i>Expert Opinion on Pharmacotherapy</i> , <b>2009</b> , 10, 2231-43	4	6
76	Safety, diagnostic, and therapeutic value of flexible bronchoscopy in critically ill COVID-19 patients. <i>Canadian Journal of Anaesthesia</i> , <b>2021</b> , 68, 434-435	3	6
75	EPICO 3.0. Recommendations on invasive candidiasis in patients with complicated intra-abdominal infection and surgical patients with ICU extended stay. <i>Revista Iberoamericana De Micologia</i> , <b>2016</b> , 33, 196-205	1.6	6
74	The Surviving Sepsis Campaign: research priorities for the administration, epidemiology, scoring and identification of sepsis. <i>Intensive Care Medicine Experimental</i> , <b>2021</b> , 9, 34	3.7	6
73	Full neurological recovery 6 h after cardiac arrest due to accidental hypothermia. <i>Lancet, The</i> , <b>2020</b> , 395, e89	40	5
72	Evaluation of Nonresponding Patients with Ventilator-Associated Pneumonia. <i>Clinical Pulmonary Medicine</i> , <b>2001</b> , 8, 290-295	0.3	5
71	The surviving sepsis campaign: basic/translational science research priorities. <i>Intensive Care Medicine Experimental</i> , <b>2020</b> , 8, 31	3.7	5
70	Corticosteroid treatment and mortality in mechanically ventilated COVID-19-associated acute respiratory distress syndrome (ARDS) patients: a multicentre cohort study. <i>Annals of Intensive Care</i> , <b>2021</b> , 11, 159	8.9	5
69	The Use of CytoSorb Therapy in Critically Ill COVID-19 Patients: Review of the Rationale and Current Clinical Experiences. <i>Critical Care Research and Practice</i> , <b>2021</b> , 2021, 7769516	1.5	5
68	Biomarkers in the ICU: less is more? No. <i>Intensive Care Medicine</i> , <b>2021</b> , 47, 97-100	14.5	5
67	Impact of hemoperfusion with polymyxin B added to hemofiltration in patients with endotoxic shock: a case-control study. <i>Annals of Intensive Care</i> , <b>2018</b> , 8, 121	8.9	5
66	Effectiveness of treatments for severe sepsis: data from the bundle implementation programs. <i>Minerva Anestesiologica</i> , <b>2011</b> , 77, 360-5	1.9	5

65	Antibiotic treatment in patients with sepsis: a narrative review. <i>Hospital Practice (1995)</i> , <b>2020</b> , 1-11	2.2	4
64	Intensive Care to Facilitate Organ Donation: A Report on the 4-Year Experience of a Spanish Center With a Multidisciplinary Model to Promote Referrals Out of the Intensive Care Unit. <i>Transplantation Proceedings</i> , <b>2019</b> , 51, 3018-3026	1.1	4
63	Renal replacement therapy in the critical patient: treatment variation over time. <i>Medicina Intensiva</i> , <b>2012</b> , 36, 540-7	1.2	4
62	Higher frequency of comorbidities in fully vaccinated patients admitted to ICU due to severe COVID-19: a prospective, multicenter, observational study. <i>European Respiratory Journal</i> , <b>2021</b> ,	13.6	4
61	Impact of time to intubation on mortality and pulmonary sequelae in critically ill patients with COVID-19: a prospective cohort study.. <i>Critical Care</i> , <b>2022</b> , 26, 18	10.8	4
60	Life-support tools for improving performance of the Surviving Sepsis Campaign Hour-1 bundle. <i>Medicina Intensiva</i> , <b>2018</b> , 42, 547-550	1.2	4
59	The evolution of the ventilatory ratio is a prognostic factor in mechanically ventilated COVID-19 ARDS patients. <i>Critical Care</i> , <b>2021</b> , 25, 331	10.8	4
58	Endotoxin and Cytokine Sequential Hemoadsorption in Septic Shock and Multi-Organ Failure. <i>Blood Purification</i> , <b>2021</b> , 1-4	3.1	4
57	Absent or insufficient anti-SARS-CoV-2 S antibodies at ICU admission are associated to higher viral loads in plasma, antigenemia and mortality in COVID-19 patients		3
56	Nasal high-flow oxygen therapy in COVID-19 patients does not cause environmental surface contamination. <i>Journal of Hospital Infection</i> , <b>2021</b> , 116, 103-105	6.9	3
55	Management of myocardial dysfunction in septic shock. Potential role of extracorporeal membrane oxygenation. <i>Medicina Intensiva</i> , <b>2018</b> , 42, 301-305	1.2	2
54	EPICO 4.0. Total quality in the management of invasive candidiasis in critically ill patients by analysing the integrated process. <i>Revista Iberoamericana De Micologia</i> , <b>2017</b> , 34, 143-157	1.6	2
53	Airway Colonization in Intubated Patients. <i>Clinical Pulmonary Medicine</i> , <b>2001</b> , 8, 207-213	0.3	2
52	All-cause mortality rates in adults with carbapenem-resistant Gram-negative bacterial infections: a comprehensive review of pathogen-focused, prospective, randomized, interventional clinical studies.. <i>Expert Review of Anti-Infective Therapy</i> , <b>2021</b> ,	5.5	2
51	One-year mortality after ICU admission due to COVID-19 infection.. <i>Intensive Care Medicine</i> , <b>2022</b> , 48, 366	14.5	2
50	Cytokine Hemoadsorption as Rescue Therapy for Critically Ill Patients With SARS-CoV-2 Pneumonia With Severe Respiratory Failure and Hypercytokinemia.. <i>Frontiers in Medicine</i> , <b>2021</b> , 8, 779038	4.9	2
49	Precision medicine in sepsis and septic shock: From omics to clinical tools.. <i>World Journal of Critical Care Medicine</i> , <b>2022</b> , 11, 1-21	3	2
48	JAK2-STAT Epigenetically Regulates Tolerized Genes in Monocytes in the First Encounter With Gram-Negative Bacterial Endotoxins in Sepsis. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 734652	8.4	2



47	Cardiac tamponade as a cause of cardiac arrest in severe COVID-19 pneumonia. <i>Resuscitation</i> , <b>2020</b> , 155, 1-2	4	2
46	New susceptibility loci for severe COVID-19 by detailed GWAS analysis in European populations		2
45	Sequential Organ Failure Assessment Score and the Need for Organ Support Predict Mortality in Allogeneic Stem Cell Transplant Patients Admitted to the Intensive Care Unit. <i>Transplantation and Cellular Therapy</i> , <b>2021</b> , 27, 865.e1-865.e7		2
44	Dexamethasone as risk-factor for ICU-acquired respiratory tract infections in severe COVID-19.. <i>Journal of Critical Care</i> , <b>2022</b> , 69, 154014	4	2
43	BICO project. Development of educational recommendations using the DELPHI technique on invasive candidiasis in non-neutropenic critically ill adult patients. <i>Revista Española De Anestesiología Y Reanimación</i> , <b>2013</b> , 60, e1-e18	0.9	1
42	Impact of a multifaceted educational intervention including serious games to improve the management of invasive candidiasis in critically ill patients. <i>Medicina Intensiva</i> , <b>2017</b> , 41, 3-11	1.2	1
41	Metabolite analysis in sepsis through conditional independence maps. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2015</b> , 2015, 6477-80	0.9	1
40	Propensity scores in intensive care literature. <i>Intensive Care Medicine</i> , <b>2011</b> , 37, 882; author reply 883	14.5	1
39	Coagulation Disorders in Acute Lung Injury. <i>Current Respiratory Medicine Reviews</i> , <b>2009</b> , 5, 149-159	0.3	1
38	Role of bacterial biofilm in the pathogenesis of nosocomial pneumonia. <i>Intensivmedizin Und Notfallmedizin</i> , <b>2000</b> , 37, 536-540		1
37	Nosocomial pneumonia during acute respiratory distress syndrome. <i>Clinical Intensive Care: International Journal of Critical &amp; Coronary Care Medicine</i> , <b>2001</b> , 12, 43-51		1
36	147. Clinical Safety and Efficacy of Novel Antifungal, Fosmanogepix, in the Treatment of Candidemia: Results from a Phase 2 Proof of Concept Trial. <i>Open Forum Infectious Diseases</i> , <b>2020</b> , 7, S203 <sup>1</sup> -S204 <sup>1</sup>		
35	Recommendations for antibiotic selection for severe nosocomial infections. <i>Revista Espanola De Quimioterapia</i> , <b>2021</b> , 34, 511-524	1.6	1
34	Naturally occurring SARS-CoV-2 gene deletions close to the spike S1/S2 cleavage site in the viral quasispecies of COVID19 patients		1
33	Planning for the assistance of critically ill patients in a Pandemic Situation: The experience of Vall d'Hebron University Hospital. <i>Enfermedades Infecciosas Y Microbiología Clínica</i> , <b>2020</b> ,	0.9	1
32	Consequences of ICU Readmission After Lung Transplantation: Beyond the Early Postoperative Period. <i>Archivos De Bronconeumologia</i> , <b>2021</b> , 58, 93-93	0.7	1
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30	Effects of the extracorporeal membrane oxygenation circuit on plasma levels of ceftolozane. <i>Perfusion (United Kingdom)</i> , <b>2020</b> , 35, 267-270	1.9	1

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24	Long-term patient-important outcomes after septic shock: A protocol for 1-year follow-up of the CLASSIC trial. <i>Acta Anaesthesiologica Scandinavica</i> , <b>2020</b> , 64, 410-416	1.9	0
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