

Ricard Ferrer

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/4722062/ricard-ferrer-publications-by-year.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

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	One-year mortality after ICU admission due to COVID-19 infection.. <i>Intensive Care Medicine</i> , 2022 , 48, 366	14.5	2
171	Precision medicine in sepsis and septic shock: From omics to clinical tools.. <i>World Journal of Critical Care Medicine</i> , 2022 , 11, 1-21	3	2
170	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> , 2022 , 26, 18	10.8	4
169	Impact of Early Mobilization Added to Respiratory Physiotherapy Postextubation on Weaning Success.. <i>Archivos De Bronconeumologia</i> , 2022 ,	0.7	0
168	Dexamethasone as risk-factor for ICU-acquired respiratory tract infections in severe COVID-19.. <i>Journal of Critical Care</i> , 2022 , 69, 154014	4	2
167	Closed-loop oxygen control improves oxygen therapy in acute hypoxemic respiratory failure patients under high flow nasal oxygen: a randomized cross-over study (the HILOOP study).. <i>Critical Care</i> , 2022 , 26, 108	10.8	0
166	Proteomic profiling of lung diffusion impairment in the recovery stage of SARS-CoV-2-induced ARDS.. <i>Clinical and Translational Medicine</i> , 2022 , 12, e838	5.7	1
165	Potential survival benefit and early recovery from organ dysfunction with polymyxin B hemoperfusion: perspectives from a real-world big data analysis and the supporting mechanisms of action 2022 , 2,		1
164	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> , 2021 ,	5.5	2
163	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> , 2021 , 8, 779038	4.9	2
162	Bronchial Aspirate-Based Profiling Identifies MicroRNA Signatures Associated With COVID-19 and Fatal Disease in Critically Ill Patients.. <i>Frontiers in Medicine</i> , 2021 , 8, 756517	4.9	0
161	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> , 2021 , 11, 159	8.9	5
160	Planning for the assistance of critically ill patients in a Pandemic Situation: The experience of Vall d'Hebron University Hospital. <i>Enfermedades Infecciosas Y Microbiologia Clinica (English Ed)</i> , 2021 , 40, 71-71	0.1	
159	Clinical management of cUTI, cIAI, and HABP/VABP attributable to carbapenem-resistant Gram-negative infections in Spain. <i>Revista Espanola De Quimioterapia</i> , 2021 , 34, 639-650	1.6	
158	JAK2-STAT Epigenetically Regulates Tolerized Genes in Monocytes in the First Encounter With Gram-Negative Bacterial Endotoxins in Sepsis. <i>Frontiers in Immunology</i> , 2021 , 12, 734652	8.4	2
157	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> , 2021 ,	13.6	4
156	Recommendations for antibiotic selection for severe nosocomial infections. <i>Revista Espanola De Quimioterapia</i> , 2021 , 34, 511-524	1.6	1

155	Surviving Sepsis Campaign: International Guidelines for Management of Sepsis and Septic Shock 2021. <i>Critical Care Medicine</i> , 2021 , 49, e1063-e1143	1.4	131
154	Executive Summary: Surviving Sepsis Campaign: International Guidelines for the Management of Sepsis and Septic Shock 2021. <i>Critical Care Medicine</i> , 2021 , 49, 1974-1982	1.4	31
153	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> , 2021 ,	10.8	7
152	Surviving sepsis campaign: international guidelines for management of sepsis and septic shock 2021. <i>Intensive Care Medicine</i> , 2021 , 47, 1181-1247	14.5	199
151	Safety, diagnostic, and therapeutic value of flexible bronchoscopy in critically ill COVID-19 patients. <i>Canadian Journal of Anaesthesia</i> , 2021 , 68, 434-435	3	6
150	Plasmapheresis for the Treatment of Acute Pancreatitis due to Severe Hypertriglyceridemia. <i>Blood Purification</i> , 2021 , 50, 572-574	3.1	
149	Consequences of ICU Readmission After Lung Transplantation: Beyond the Early Postoperative Period. <i>Archivos De Bronconeumologia</i> , 2021 , 58, 93-93	0.7	1
148	Bridging animal and clinical research during SARS-CoV-2 pandemic: A new-old challenge. <i>EBioMedicine</i> , 2021 , 66, 103291	8.8	9
147	Management of temperature control in post-cardiac arrest care: an expert report. <i>Medicina Intensiva (English Edition)</i> , 2021 , 45, 164-174	0.2	
146	The authors reply. <i>Critical Care Medicine</i> , 2021 , 49, e660-e661	1.4	
145	Hemadsorption as a Treatment Option for Multisystem Inflammatory Syndrome in Children Associated With COVID-19. A Case Report. <i>Frontiers in Immunology</i> , 2021 , 12, 665824	8.4	1
144	Pleth variability index may predict preload responsiveness in patients treated with nasal high flow: a physiological study. <i>Journal of Applied Physiology</i> , 2021 , 130, 1660-1667	3.7	
143	The COVID-19 puzzle: deciphering pathophysiology and phenotypes of a new disease entity. <i>Lancet Respiratory Medicine</i> , 2021 , 9, 622-642	35.1	121
142	Pulse oximetry is an essential tool that saves lives: a call for standardisation. <i>European Respiratory Journal</i> , 2021 , 57,	13.6	
141	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> , 2021 , 2021, 7769516	1.5	5
140	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> , 2021 , 21, 226-240	25.5	147
139	Biomarkers in the ICU: less is more? No. <i>Intensive Care Medicine</i> , 2021 , 47, 97-100	14.5	5
138	COVID-19 Infection in Critically Ill Patients Carries a High Risk of Venous Thrombo-embolism. <i>European Journal of Vascular and Endovascular Surgery</i> , 2021 , 61, 628-634	2.3	9

137	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> , 2021 , 51, e13501	4.6	8
136	Hemodynamic support in septic shock. <i>Current Opinion in Anaesthesiology</i> , 2021 , 34, 99-106	2.9	1
135	Polymyxin B hemoperfusion in coronavirus disease 2019 patients with endotoxic shock: Case series from EUPHAS2 registry. <i>Artificial Organs</i> , 2021 , 45, E187-E194	2.6	13
134	The Surviving Sepsis Campaign: Research Priorities for Coronavirus Disease 2019 in Critical Illness. <i>Critical Care Medicine</i> , 2021 , 49, 598-622	1.4	16
133	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> , 2021 , 25, 63	10.8	24
132	Risk factors and outcomes of ventilator-associated pneumonia in COVID-19 patients: a propensity score matched analysis. <i>Critical Care</i> , 2021 , 25, 235	10.8	7
131	Pulmonary Function and Radiologic Features in Survivors of Critical COVID-19: A 3-Month Prospective Cohort. <i>Chest</i> , 2021 , 160, 187-198	5.3	64
130	The Surviving Sepsis Campaign: research priorities for the administration, epidemiology, scoring and identification of sepsis. <i>Intensive Care Medicine Experimental</i> , 2021 , 9, 34	3.7	6
129	Antimicrobial Consumption among 66 Acute Care Hospitals in Catalonia: Impact of the COVID-19 Pandemic. <i>Antibiotics</i> , 2021 , 10,	4.9	8
128	Evidence for the Application of Sepsis Bundles in 2021. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2021 , 42, 706-716	3.9	0
127	The evolution of the ventilatory ratio is a prognostic factor in mechanically ventilated COVID-19 ARDS patients. <i>Critical Care</i> , 2021 , 25, 331	10.8	4
126	Endotoxin and Cytokine Sequential Hemoadsorption in Septic Shock and Multi-Organ Failure. <i>Blood Purification</i> , 2021 , 1-4	3.1	4
125	Nasal high-flow oxygen therapy in COVID-19 patients does not cause environmental surface contamination. <i>Journal of Hospital Infection</i> , 2021 , 116, 103-105	6.9	3
124	Circulating microRNA profiles predict the severity of COVID-19 in hospitalized patients. <i>Translational Research</i> , 2021 , 236, 147-159	11	29
123	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> , 2021 , 27, 865.e1-865.e7		2
122	Do ventilatory parameters influence outcome in patients with severe acute respiratory infection? Secondary analysis of an international, multicentre 14-day inception cohort study. <i>Journal of Critical Care</i> , 2021 , 66, 78-85	4	
121	ICU-Acquired Pneumonia Is Associated with Poor Health Post-COVID-19 Syndrome.. <i>Journal of Clinical Medicine</i> , 2021 , 11,	5.1	1
120	Viral RNA load in plasma is associated with critical illness and a dysregulated host response in COVID-19. <i>Critical Care</i> , 2020 , 24, 691	10.8	99

119	Full neurological recovery 6 h after cardiac arrest due to accidental hypothermia. <i>Lancet, The</i> , 2020 , 395, e89	40	5
118	Nangibotide in patients with septic shock: a Phase 2a randomized controlled clinical trial. <i>Intensive Care Medicine</i> , 2020 , 46, 1425-1437	14.5	15
117	Genomewide Association Study of Severe Covid-19 with Respiratory Failure. <i>New England Journal of Medicine</i> , 2020 , 383, 1522-1534	59.2	913
116	Antibiotic treatment in patients with sepsis: a narrative review. <i>Hospital Practice (1995)</i> , 2020 , 1-11	2.2	4
115	Effect of Intravenous Interferon β 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> , 2020 , 323, 725-733	27.4	59
114	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> , 2020 , 10, 7	8.9	12
113	The surviving sepsis campaign: basic/translational science research priorities. <i>Intensive Care Medicine Experimental</i> , 2020 , 8, 31	3.7	5
112	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> , 2020 , 7, S203-S204 ¹		
111	Donor-derived bacterial infections in lung transplant recipients in the era of multidrug resistance. <i>Journal of Infection</i> , 2020 , 80, 190-196	18.9	12
110	Rapid and Digital Detection of Inflammatory Biomarkers Enabled by a Novel Portable Nanoplasmonic Imager. <i>Small</i> , 2020 , 16, e1906108	11	44
109	Long-term patient-important outcomes after septic shock: A protocol for 1-year follow-up of the CLASSIC trial. <i>Acta Anaesthesiologica Scandinavica</i> , 2020 , 64, 410-416	1.9	0
108	Extracorporeal Membrane Oxygenation Retrieval in Coronavirus Disease 2019: A Case-Series of 19 Patients Supported at a High-Volume Extracorporeal Membrane Oxygenation Center 2020 , 2, e0228		9
107	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> , 2020 ,	0.9	1
106	International variation in the management of severe COVID-19 patients. <i>Critical Care</i> , 2020 , 24, 486	10.8	30
105	Cardiac tamponade as a cause of cardiac arrest in severe COVID-19 pneumonia. <i>Resuscitation</i> , 2020 , 155, 1-2	4	2
104	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> , 2020 , 9, 1900-1911	18.9	36
103	Vitamin C levels in patients with SARS-CoV-2-associated acute respiratory distress syndrome. <i>Critical Care</i> , 2020 , 24, 522	10.8	58
102	Effects of the extracorporeal membrane oxygenation circuit on plasma levels of ceftolozane. <i>Perfusion (United Kingdom)</i> , 2020 , 35, 267-270	1.9	1

101	An approach to antibiotic treatment in patients with sepsis. <i>Journal of Thoracic Disease</i> , 2020 , 12, 1007-1021	13
100	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
99	Extracorporeal Membrane Oxygenation for Adults With Refractory Septic Shock. <i>ASAIO Journal</i> , 2019 , 65, 760-768	3.6 10
98	Diagnostic and therapeutic approach to infectious diseases in solid organ transplant recipients. <i>Intensive Care Medicine</i> , 2019 , 45, 573-591	14.5 25
97	Feasibility and safety of extracorporeal CO removal to enhance protective ventilation in acute respiratory distress syndrome: the SUPERNOVA study. <i>Intensive Care Medicine</i> , 2019 , 45, 592-600	14.5 103
96	Procalcitonin (PCT)-guided antibiotic stewardship: an international experts consensus on optimized clinical use. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019 , 57, 1308-1318	5.9 98
95	Conservative vs liberal fluid therapy in septic shock (CLASSIC) trial-Protocol and statistical analysis plan. <i>Acta Anaesthesiologica Scandinavica</i> , 2019 , 63, 1262-1271	1.9 16
94	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> , 2019 , 51, 3018-3026	1.1 4
93	Inflammatory cytokines and organ dysfunction associate with the aberrant DNA methylome of monocytes in sepsis. <i>Genome Medicine</i> , 2019 , 11, 66	14.4 28
92	Community-acquired Respiratory Viruses Are a Risk Factor for Chronic Lung Allograft Dysfunction. <i>Clinical Infectious Diseases</i> , 2019 , 69, 1192-1197	11.6 28
91	Lung transplantation in two cystic fibrosis patients infected with previously pandrug-resistant <i>Burkholderia cepacia</i> complex treated with ceftazidime-avibactam. <i>Infection</i> , 2019 , 47, 289-292	5.8 11
90	Label-free Bacteria Quantification in Blood Plasma by a Bioprinted Microarray Based Interferometric Point-of-Care Device. <i>ACS Sensors</i> , 2019 , 4, 52-60	9.2 32
89	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
88	Management of myocardial dysfunction in septic shock. Potential role of extracorporeal membrane oxygenation. <i>Medicina Intensiva</i> , 2018 , 42, 301-305	1.2 2
87	Ceftolozane/tazobactam for the treatment of XDR <i>Pseudomonas aeruginosa</i> infections. <i>Infection</i> , 2018 , 46, 461-468	5.8 32
86	Surviving Sepsis Campaign: Research Priorities for Sepsis and Septic Shock. <i>Critical Care Medicine</i> , 2018 , 46, 1334-1356	1.4 58
85	Proteolysis in septic shock patients: plasma peptidomic patterns are associated with mortality. <i>British Journal of Anaesthesia</i> , 2018 , 121, 1065-1074	5.4 18
84	Improved empirical antibiotic treatment of sepsis after an educational intervention: the ABISS-Edusepsis study. <i>Critical Care</i> , 2018 , 22, 167	10.8 25

83	Current aspects in sepsis approach. Turning things around. <i>Revista Espanola De Quimioterapia</i> , 2018 , 31, 298-315	1.6	18
82	Non-oncotic properties of albumin. A multidisciplinary vision about the implications for critically ill patients. <i>Expert Review of Clinical Pharmacology</i> , 2018 , 11, 125-137	3.8	35
81	Improving knowledge about sepsis 3 definition in critically ill patients: new insights. <i>Journal of Emergency and Critical Care Medicine</i> , 2018 , 2, 39-39	0.6	
80	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
79	Determinants of One-Year Mortality in Lung Transplants Recipients Readmitted to Intense Care Unit. <i>Transplantation</i> , 2018 , 102, S858	1.8	
78	Feature selection for the accurate prediction of septic and cardiogenic shock ICU mortality in the acute phase. <i>PLoS ONE</i> , 2018 , 13, e0199089	3.7	14
77	Melatonin and mitochondrial dysfunction are key players in the pathophysiology of sepsis. <i>Enfermedades Infecciosas Y Microbiologia Clinica (English Ed)</i> , 2018 , 36, 535-538	0.1	
76	Life-support tools for improving performance of the Surviving Sepsis Campaign Hour-1 bundle. <i>Medicina Intensiva</i> , 2018 , 42, 547-550	1.2	4
75	Surviving sepsis campaign: research priorities for sepsis and septic shock. <i>Intensive Care Medicine</i> , 2018 , 44, 1400-1426	14.5	101
74	Surviving Sepsis Campaign: International Guidelines for Management of Sepsis and Septic Shock: 2016. <i>Intensive Care Medicine</i> , 2017 , 43, 304-377	14.5	3178
73	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> , 2017 , 41, 28-37	1.2	9
72	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> , 2017 , 43, 1916-1918	14.5	10
71	Impact of Source Control in Patients With Severe Sepsis and Septic Shock. <i>Critical Care Medicine</i> , 2017 , 45, 11-19	1.4	96
70	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
69	Surviving Sepsis Campaign: International Guidelines for Management of Sepsis and Septic Shock: 2016. <i>Critical Care Medicine</i> , 2017 , 45, 486-552	1.4	1683
68	Impact of a multifaceted educational intervention including serious games to improve the management of invasive candidiasis in critically ill patients. <i>Medicina Intensiva (English Edition)</i> , 2017 , 41, 3-11	0.2	
67	Passive leg raising for assessment of volume responsiveness: a review. <i>Current Opinion in Critical Care</i> , 2017 , 23, 237-243	3.5	16
66	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

65	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> , 2017 , 34, 143-157	1.6	2
64	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> , 2017 , 45, 1845-1853	1.4	17
63	Toward a personalized response approach in sepsis 4.0. <i>Medicina Intensiva</i> , 2017 , 41, 55-56	1.2	
62	Impact of a multifaceted educational intervention including serious games to improve the management of invasive candidiasis in critically ill patients. <i>Medicina Intensiva</i> , 2017 , 41, 3-11	1.2	1
61	Delay in diagnosis of influenza A (H1N1)pdm09 virus infection in critically ill patients and impact on clinical outcome. <i>Critical Care</i> , 2016 , 20, 337	10.8	21
60	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> , 2016 , 24, 9	3.6	11
59	Investigational drugs in phase I and phase II clinical trials for the treatment of hospital-acquired pneumonia. <i>Expert Opinion on Investigational Drugs</i> , 2016 , 25, 653-65	5.9	9
58	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> , 2016 , 42, 817-828	14.5	17
57	Procalcitonin (PCT) levels for ruling-out bacterial coinfection in ICU patients with influenza: A CHAID decision-tree analysis. <i>Journal of Infection</i> , 2016 , 72, 143-51	18.9	70
56	Extracorporeal CO2 removal: Technical and physiological fundamentals and principal indications. <i>Medicina Intensiva</i> , 2016 , 40, 33-8	1.2	11
55	Criteria for initiation of invasive ventilation in septic shock: An international survey. <i>Journal of Critical Care</i> , 2016 , 31, 54-7	4	13
54	EPICO 3.0. Empirical antifungal therapy in critically-ill hematology patients. <i>Revista Iberoamericana De Micologia</i> , 2016 , 33, 206-215	1.6	0
53	EPICO 3.0. Management of non-neutropenic patients in medical wards. <i>Revista Iberoamericana De Micologia</i> , 2016 , 33, 216-223	1.6	0
52	EPICO 3.0. Antifungal prophylaxis in solid organ transplant recipients. <i>Revista Iberoamericana De Micologia</i> , 2016 , 33, 187-195	1.6	12
51	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> , 2016 , 33, 196-205	1.6	6
50	The Surviving Sepsis Campaign bundles and outcome: results from the International Multicentre Prevalence Study on Sepsis (the IMPReSS study). <i>Intensive Care Medicine</i> , 2015 , 41, 1620-8	14.5	245
49	Multicenter, randomized, placebo-controlled phase III study of pyridoxalated hemoglobin polyoxyethylene in distributive shock (PHOENIX). <i>Critical Care Medicine</i> , 2015 , 43, 57-64	1.4	35
48	Low compliance with the 2 minutes of uninterrupted chest compressions recommended in the 2010 International Resuscitation Guidelines. <i>Journal of Critical Care</i> , 2015 , 30, 711-4	4	10

47	Blood culture differential time to positivity enables safe catheter retention in suspected catheter-related bloodstream infection: a randomized controlled trial. <i>Medicina Intensiva</i> , 2015 , 39, 135-41	1.2	6
46	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> , 2015 , 2015, 6477-80	0.9	1
45	Crystalloids and colloids in critical patient resuscitation. <i>Medicina Intensiva</i> , 2015 , 39, 303-15	1.2	20
44	Treatment with echinocandins during continuous renal replacement therapy. <i>Critical Care</i> , 2014 , 18, 21810.8	10.8	13
43	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 Micología</i> , 2014 , 31, 157-75	1.6	10
42	Future options for (economically) sustainable research in sepsis. <i>Blood Purification</i> , 2014 , 37 Suppl 1, 18-21	3.1	
41	Albumin administration in the acutely ill: what is new and where next?. <i>Critical Care</i> , 2014 , 18, 231	10.8	98
40	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, 1749-55	14.4	855
39	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> , 2013 , 60, e1-e18	0.9	1
38	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> , 2013 , 3, 30	8.9	8
37	Bico Project. Development of educational recommendations using the DELPHI technique on invasive candidiasis in non-neutropenic critically ill adult patients. <i>Revista Iberoamericana De Micología</i> , 2013 , 30, 135-49	1.6	9
36	Immunomodulation in sepsis: the role of endotoxin removal by polymyxin B-immobilized cartridge. <i>Mediators of Inflammation</i> , 2013 , 2013, 507539	4.3	41
35	The impact of a quality improvement intervention to reduce nosocomial infections in a PICU. <i>Pediatric Critical Care Medicine</i> , 2013 , 14, 525-32	3	114
34	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
33	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
32	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> , 2012 , 36, 169-76	1.2	11
31	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
30	Renal replacement therapy in the critical patient: treatment variation over time. <i>Medicina Intensiva</i> , 2012 , 36, 540-7	1.2	4

29	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
28	Appropriate antibiotic dosing in severe sepsis and acute renal failure: factors to consider. <i>Critical Care</i> , 2011 , 15, 175	10.8	7
27	Bloodstream Infection in the ICU Patient 2011 , 233-249		
26	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
25	Propensity scores in intensive care literature. <i>Intensive Care Medicine</i> , 2011 , 37, 882; author reply 883	14.5	1
24	Efficacy of corticosteroid therapy in patients with an acute exacerbation of chronic obstructive pulmonary disease receiving ventilatory support. <i>Archives of Internal Medicine</i> , 2011 , 171, 1939-46		59
23	Helicobacter pylori eradication in functional dyspepsia: HEROES trial. <i>Archives of Internal Medicine</i> , 2011 , 171, 1929-36		116
22	Effectiveness of treatments for severe sepsis: data from the bundle implementation programs. <i>Minerva Anestesiologica</i> , 2011 , 77, 360-5	1.9	5
21	Blood coagulation and inflammation in acute lung injury. <i>Journal of Organ Dysfunction</i> , 2009 , 5, 101-109		
20	Coagulation Disorders in Acute Lung Injury. <i>Current Respiratory Medicine Reviews</i> , 2009 , 5, 149-159	0.3	1
19	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
18	Treatment strategies for central venous catheter infections. <i>Expert Opinion on Pharmacotherapy</i> , 2009 , 10, 2231-43	4	6
17	Bloodstream infection in the ICU. <i>Infectious Disease Clinics of North America</i> , 2009 , 23, 557-69	6.5	26
16	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
15	Risk and prognostic factors of ventilator-associated pneumonia in trauma patients. <i>Critical Care Medicine</i> , 2006 , 34, 1067-72	1.4	72
14	Causes and predictors of nonresponse to treatment of intensive care unit-acquired pneumonia. <i>Critical Care Medicine</i> , 2004 , 32, 938-45	1.4	108
13	Acute Respiratory Distress Syndrome and Pulmonary Infection. <i>Clinical Pulmonary Medicine</i> , 2002 , 9, 253-259	0.3	
12	Clinical review: non-antibiotic strategies for preventing ventilator-associated pneumonia. <i>Critical Care</i> , 2002 , 6, 45-51	10.8	17

11	Microbial investigation in ventilator-associated pneumonia. <i>European Respiratory Journal</i> , 2001 , 17, 791-801	52
10	Nosocomial pneumonia during acute respiratory distress syndrome. <i>Clinical Intensive Care: International Journal of Critical & Coronary Care Medicine</i> , 2001 , 12, 43-51	1
9	Evaluation of Nonresponding Patients with Ventilator-Associated Pneumonia. <i>Clinical Pulmonary Medicine</i> , 2001 , 8, 290-295	0.3 5
8	Airway Colonization in Intubated Patients. <i>Clinical Pulmonary Medicine</i> , 2001 , 8, 207-213	0.3 2
7	Role of bacterial biofilm in the pathogenesis of nosocomial pneumonia. <i>Intensivmedizin Und Notfallmedizin</i> , 2000 , 37, 536-540	1
6	Ventilator-associated pneumonia: incidence, risk factors, and microbiology. <i>Seminars in Respiratory Infections</i> , 2000 , 15, 272-9	35
5	Anticoagulative effect of nitric oxide inhalation in ARDS. <i>Intensive Care Medicine</i> , 1998 , 24, 837-8	14.5 8
4	Naturally occurring SARS-CoV-2 gene deletions close to the spike S1/S2 cleavage site in the viral quasispecies of COVID19 patients	1
3	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
2	New susceptibility loci for severe COVID-19 by detailed GWAS analysis in European populations	2
1	Identification of circulating microRNA profiles associated with pulmonary function and radiologic features in survivors of SARS-CoV-2-induced ARDS. <i>Emerging Microbes and Infections</i> , 1-67	18.9 0