

# Alejandro Rodriguez

## List of Publications by Year in Descending Order

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

122  
papers

4,963  
citations

38  
h-index

68  
g-index

138  
ext. papers

6,135  
ext. citations

6  
avg, IF

5.17  
L-index

#	Paper	IF	Citations
122	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
121	Prognostic implications of comorbidity patterns in critically ill COVID-19 patients: A multicenter, observational study. <i>Lancet Regional Health - Europe, The</i> , <b>2022</b> , 18, 100422		0
120	Mortality comparison between the first and second/third waves among 3,795 critical COVID-19 patients with pneumonia admitted to the ICU: A multicentre retrospective cohort study. <i>Lancet Regional Health - Europe, The</i> , <b>2021</b> , 11, 100243		13
119	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
118	Prognostic Value of Procalcitonin and C-Reactive Protein in 1608 Critically Ill Patients with Severe Influenza Pneumonia. <i>Antibiotics</i> , <b>2021</b> , 10,	4.9	2
117	Methods and measures to quantify ICU patient heterogeneity. <i>Journal of Biomedical Informatics</i> , <b>2021</b> , 117, 103768	10.2	1
116	Taskforce report on the diagnosis and clinical management of COVID-19 associated pulmonary aspergillosis. <i>Intensive Care Medicine</i> , <b>2021</b> , 47, 819-834	14.5	30
115	The Effect of Renal Replacement Therapy and Antibiotic Dose on Antibiotic Concentrations in Critically Ill Patients: Data From the Multinational Sampling Antibiotics in Renal Replacement Therapy Study. <i>Clinical Infectious Diseases</i> , <b>2021</b> , 72, 1369-1378	11.6	37
114	Automatic generation of minimum dataset and quality indicators from data collected routinely by the clinical information system in an intensive care unit. <i>International Journal of Medical Informatics</i> , <b>2021</b> , 145, 104327	5.3	1
113	Major Adverse Cardiovascular Events During Invasive Pneumococcal Disease Are Serotype Dependent. <i>Clinical Infectious Diseases</i> , <b>2021</b> , 72, e711-e719	11.6	6
112	Support to the organization of the Intensive Care Units during the pandemic through maps created from the Clinical Information Systems. <i>Medicina Intensiva</i> , <b>2021</b> , 45, 59-61	1.2	
111	Support to the organization of the Intensive Care Units during the pandemic through maps created from the Clinical Information Systems. <i>Medicina Intensiva (English Edition)</i> , <b>2021</b> , 45, 58-60	0.2	78
110	A Machine Learning decision-making tool for extubation in Intensive Care Unit patients. <i>Computer Methods and Programs in Biomedicine</i> , <b>2021</b> , 200, 105869	6.9	6
109	Early oseltamivir treatment improves survival in critically ill patients with influenza pneumonia. <i>ERJ Open Research</i> , <b>2021</b> , 7,	3.5	4
108	Once-daily 1 g ceftriaxone optimizes exposure in patients with septic shock and hypoalbuminemia receiving continuous veno-venous hemodiafiltration. <i>European Journal of Clinical Pharmacology</i> , <b>2021</b> , 77, 1169-1180	2.8	3
107	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
106	Corticosteroids and RCTs against the supposed undervaluation of real data evidence. <i>Critical Care</i> , <b>2021</b> , 25, 297	10.8	

105	4221 Lower Serum TWEAK Concentration is a Biomarker for Mortality in Community Acquired Pneumonia. <i>Journal of Clinical and Translational Science</i> , <b>2020</b> , 4, 139-139	0.4	
104	Severe infection due to the SARS-CoV-2 coronavirus: Experience of a tertiary hospital with COVID-19 patients during the 2020 pandemic. <i>Medicina Intensiva</i> , <b>2020</b> , 44, 525-533	1.2	19
103	Update of the treatment of nosocomial pneumonia in the ICU. <i>Critical Care</i> , <b>2020</b> , 24, 383	10.8	28
102	Impact of Chronic Obstructive Pulmonary Disease on Incidence, Microbiology and Outcome of Ventilator-Associated Lower Respiratory Tract Infections. <i>Microorganisms</i> , <b>2020</b> , 8,	4.9	8
101	Influenza management with new therapies. <i>Current Opinion in Pulmonary Medicine</i> , <b>2020</b> , 26, 215-221	3	3
100	Ceftolozane and tazobactam for the treatment of hospital acquired pneumonia. <i>Expert Review of Anti-Infective Therapy</i> , <b>2020</b> , 18, 1177-1185	5.5	0
99	Lower Respiratory Tract Infection and Short-Term Outcome in Patients With Acute Respiratory Distress Syndrome. <i>Journal of Intensive Care Medicine</i> , <b>2020</b> , 35, 588-594	3.3	9
98	Urbanisation and asthma in low-income and middle-income countries: a systematic review of the urban-rural differences in asthma prevalence. <i>Thorax</i> , <b>2019</b> , 74, 1020-1030	7.3	23
97	The association of cardiovascular failure with treatment for ventilator-associated lower respiratory tract infection. <i>Intensive Care Medicine</i> , <b>2019</b> , 45, 1753-1762	14.5	11
96	Pursuing Optimal Prediction of Discharge Time in ICUs with Machine Learning Methods. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 150-154	0.9	3
95	Soil-transmitted helminth parasites and allergy: Observations from Ecuador. <i>Parasite Immunology</i> , <b>2019</b> , 41, e12590	2.2	10
94	Sepsis-3: More specific is better?. <i>Medicina Clínica (English Edition)</i> , <b>2019</b> , 152, 17-18	0.3	
93	Sepsis-3: More specific is better?. <i>Medicina Clínica</i> , <b>2019</b> , 152, 17-18	1	2
92	Validation of the ICU-DaMa tool for automatically extracting variables for minimum dataset and quality indicators: The importance of data quality assessment. <i>International Journal of Medical Informatics</i> , <b>2018</b> , 112, 166-172	5.3	10
91	Relationship between acute kidney injury and serum procalcitonin (PCT) concentration in critically ill patients with influenza infection. <i>Medicina Intensiva</i> , <b>2018</b> , 42, 399-408	1.2	15
90	Impact of immunosuppression on incidence, aetiology and outcome of ventilator-associated lower respiratory tract infections. <i>European Respiratory Journal</i> , <b>2018</b> , 51,	13.6	14
89	Corticosteroid treatment in critically ill patients with severe influenza pneumonia: a propensity score matching study. <i>Intensive Care Medicine</i> , <b>2018</b> , 44, 1470-1482	14.5	76
88	Systematic review on the first line treatment of amphotericin B in critically ill adults with candidemia or invasive candidiasis. <i>Expert Review of Anti-Infective Therapy</i> , <b>2018</b> , 16, 839-847	5.5	13

87	C-reactive protein and procalcitonin profile in ventilator-associated lower respiratory infections. <i>Journal of Critical Care</i> , <b>2018</b> , 48, 385-389	4	12
86	Steroids and severe pneumonia. Ready for the winter? Discussion on "Corticosteroid treatment in critically ill patients with severe influenza pneumonia: a propensity score matching study". <i>Intensive Care Medicine</i> , <b>2018</b> , 44, 2319-2320	14.5	3
85	Differences in Hypotensive vs. Non-Hypotensive Sepsis Management in the Emergency Department: Door-to-Antibiotic Time Impact on Sepsis Survival. <i>Medical Sciences (Basel, Switzerland)</i> , <b>2018</b> , 6,	3.3	1
84	Clinical characteristics, evolution, and treatment-related risk factors for mortality among immunosuppressed patients with influenza A (H1N1) virus admitted to the intensive care unit. <i>Journal of Critical Care</i> , <b>2018</b> , 48, 172-177	4	14
83	New definition of sepsis and septic shock: What does it give us?. <i>Medicina Intensiva</i> , <b>2017</b> , 41, 38-40	1.2	11
82	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
81	In vitro evaluation of aerosol delivery of aztreonam lysine (AZLI): an adult mechanical ventilation model. <i>Expert Opinion on Drug Delivery</i> , <b>2017</b> , 14, 1447-1453	8	3
80	Hospital admissions and mortality in patients with COPD exacerbations and vertebral body compression fractures. <i>International Journal of COPD</i> , <b>2017</b> , 12, 1837-1845	3	20
79	Rural to urban migration is associated with increased prevalence of childhood wheeze in a Latin-American city. <i>BMJ Open Respiratory Research</i> , <b>2017</b> , 4, e000205	5.6	15
78	Risk Factors for Noninvasive Ventilation Failure in Critically Ill Subjects With Confirmed Influenza Infection. <i>Respiratory Care</i> , <b>2017</b> , 62, 1307-1315	2.1	40
77	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
76	Intensive care unit patients with lower respiratory tract nosocomial infections: the ENIRRI project. <i>ERJ Open Research</i> , <b>2017</b> , 3,	3.5	15
75	Increased incidence of co-infection in critically ill patients with influenza. <i>Intensive Care Medicine</i> , <b>2017</b> , 43, 48-58	14.5	109
74	Global initiative for meticillin-resistant <i>Staphylococcus aureus</i> pneumonia (GLIMP): an international, observational cohort study. <i>Lancet Infectious Diseases</i> , <b>2016</b> , 16, 1364-1376	25.5	77
73	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
72	Migration and allergic diseases in a rural area of a developing country. <i>Journal of Allergy and Clinical Immunology</i> , <b>2016</b> , 138, 901-903	11.5	5
71	The prognostic value of muscle regional oxygen saturation index in severe community-acquired pneumonia: a prospective observational study. <i>Journal of Intensive Care</i> , <b>2016</b> , 4, 7	7	8
70	Piperacillin population pharmacokinetics in critically ill patients with multiple organ dysfunction syndrome receiving continuous venovenous haemodiafiltration: effect of type of dialysis membrane on dosing requirements. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2016</b> , 71, 1651-9	5.1	18

69	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
68	Chlorine isotope and ClBr fractionation in fluids of Poñ volcano (Costa Rica): Insight into an active volcanic hydrothermal system. <i>Journal of Volcanology and Geothermal Research</i> , <b>2016</b> , 325, 70-85	2.8	4
67	EPICO 3.0. Management of non-neutropenic patients in medical wards. <i>Revista Iberoamericana De Micologia</i> , <b>2016</b> , 33, 216-223	1.6	0
66	IgG1 Fc N-glycan galactosylation as a biomarker for immune activation. <i>Scientific Reports</i> , <b>2016</b> , 6, 28207	4.9	49
65	Contribution of Candida biomarkers and DNA detection for the diagnosis of invasive candidiasis in ICU patients with severe abdominal conditions. <i>Critical Care</i> , <b>2016</b> , 20, 149	10.8	62
64	Is there a continuum between ventilator-associated tracheobronchitis and ventilator-associated pneumonia?. <i>Intensive Care Medicine</i> , <b>2016</b> , 42, 1190-2	14.5	10
63	Incidence and prognosis of ventilator-associated tracheobronchitis (TAVeM): a multicentre, prospective, observational study. <i>Lancet Respiratory Medicine</i> , <b>2015</b> , 3, 859-68	35.1	99
62	Regional oxygen saturation index (rSO2) in brachioradialis and deltoid muscle. Correlation and prognosis in patients with respiratory sepsis. <i>Medicina Intensiva</i> , <b>2015</b> , 39, 68-75	1.2	7
61	Lifestyle domains as determinants of wheeze prevalence in urban and rural schoolchildren in Ecuador: cross sectional analysis. <i>Environmental Health</i> , <b>2015</b> , 14, 15	6	8
60	Significant in vivo anti-inflammatory activity of Pytren4Q-Mn a superoxide dismutase 2 (SOD2) mimetic scorpiand-like Mn (II) complex. <i>PLoS ONE</i> , <b>2015</b> , 10, e0119102	3.7	14
59	Incidence and diagnosis of ventilator-associated tracheobronchitis in the intensive care unit: an international online survey. <i>Critical Care</i> , <b>2014</b> , 18, R32	10.8	20
58	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
57	Oxidative stress in immunocompetent patients with severe community-acquired pneumonia. A pilot study. <i>Medicina Intensiva</i> , <b>2014</b> , 38, 73-82	1.2	21
56	Hygiene, atopy and wheeze-eczema-rhinitis symptoms in schoolchildren from urban and rural Ecuador. <i>Thorax</i> , <b>2014</b> , 69, 232-9	7.3	35
55	Risk factors for soil-transmitted helminth infections during the first 3 years of life in the tropics; findings from a birth cohort. <i>PLoS Neglected Tropical Diseases</i> , <b>2014</b> , 8, e2718	4.8	39
54	Macrolide-based regimens in absence of bacterial co-infection in critically ill H1N1 patients with primary viral pneumonia. <i>Intensive Care Medicine</i> , <b>2013</b> , 39, 693-702	14.5	36
53	Epidemiology, clinical features, and prognosis of elderly adults with severe forms of influenza A (H1N1). <i>Journal of the American Geriatrics Society</i> , <b>2013</b> , 61, 350-6	5.6	15
52	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

51	Corticosteroid therapy in patients with primary viral pneumonia due to pandemic (H1N1) 2009 influenza. <i>Journal of Infection</i> , <b>2012</b> , 64, 311-8	18.9	50
50	Maternal geohelminth infections are associated with an increased susceptibility to geohelminth infection in children: a case-control study. <i>PLoS Neglected Tropical Diseases</i> , <b>2012</b> , 6, e1753	4.8	28
49	Impact of early oseltamivir treatment on outcome in critically ill patients with 2009 pandemic influenza A. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2011</b> , 66, 1140-9	5.1	83
48	Acute kidney injury in critical ill patients affected by influenza A (H1N1) virus infection. <i>Critical Care</i> , <b>2011</b> , 15, R66	10.8	33
47	Pandemic and post-pandemic influenza A (H1N1) infection in critically ill patients. <i>Critical Care</i> , <b>2011</b> , 15, R286	10.8	49
46	Severe Pandemic (H1N1) Influenza A Infection. <i>Clinical Pulmonary Medicine</i> , <b>2011</b> , 18, 14-19	0.3	
45	Mortality and regional oxygen saturation index in septic shock patients: a pilot study. <i>Journal of Trauma</i> , <b>2011</b> , 70, 1145-52		20
44	Community-acquired respiratory coinfection in critically ill patients with pandemic 2009 influenza A(H1N1) virus. <i>Chest</i> , <b>2011</b> , 139, 555-562	5.3	118
43	First influenza season outbreak after 2009 pandemic influenza A(H1N1) in Spain. <i>Chest</i> , <b>2011</b> , 140, 1102-1103	5.3	1
42	Severe pandemic (H1N1)v influenza A infection: report on the first deaths in Spain. <i>Respirology</i> , <b>2011</b> , 16, 78-85	3.6	19
41	First influenza season after the 2009 pandemic influenza: report of the first 300 ICU admissions in Spain. <i>Medicina Intensiva</i> , <b>2011</b> , 35, 208-16	1.2	31
40	Use of early corticosteroid therapy on ICU admission in patients affected by severe pandemic (H1N1)v influenza A infection. <i>Intensive Care Medicine</i> , <b>2011</b> , 37, 272-83	14.5	164
39	Urbanisation is associated with prevalence of childhood asthma in diverse, small rural communities in Ecuador. <i>Thorax</i> , <b>2011</b> , 66, 1043-50	7.3	54
38	Impact of obesity in patients infected with 2009 influenza A(H1N1). <i>Chest</i> , <b>2011</b> , 139, 382-386	5.3	96
37	Impact of nonexacerbated COPD on mortality in critically ill patients. <i>Chest</i> , <b>2011</b> , 139, 1354-1360	5.3	13
36	PIRO score for community-acquired pneumonia: A new prediction rule for assessment of severity in intensive care unit patients with community-acquired pneumonia. <i>Critical Care Medicine</i> , <b>2010</b> , 38, 1236-1237	1.4	2
35	Combination antibiotic therapy with macrolides improves survival in intubated patients with community-acquired pneumonia. <i>Intensive Care Medicine</i> , <b>2010</b> , 36, 612-20	14.5	186
34	Reply to Westley and Chan and to Shih et al.. <i>Intensive Care Medicine</i> , <b>2010</b> , 36, 1789-1790	14.5	

33	A randomized trial of dental brushing for preventing ventilator-associated pneumonia. <i>Chest</i> , <b>2009</b> , 136, 433-439	5.3	80
32	PIRO score for community-acquired pneumonia: a new prediction rule for assessment of severity in intensive care unit patients with community-acquired pneumonia. <i>Critical Care Medicine</i> , <b>2009</b> , 37, 456-62	1.4	165
31	Mortality in ICU patients with bacterial community-acquired pneumonia: when antibiotics are not enough. <i>Intensive Care Medicine</i> , <b>2009</b> , 35, 430-8	14.5	65
30	Intensive care adult patients with severe respiratory failure caused by Influenza A (H1N1)v in Spain. <i>Critical Care</i> , <b>2009</b> , 13, R148	10.8	303
29	Radiologic progression of pulmonary infiltrates predicts a worse prognosis in severe community-acquired pneumonia than bacteremia. <i>Chest</i> , <b>2009</b> , 135, 165-172	5.3	32
28	A PIRO-Based Approach for Severity Assessment in Community-Acquired Pneumonia <b>2009</b> , 51-63		
27	The ventilator-associated pneumonia PIRO score: a tool for predicting ICU mortality and health-care resources use in ventilator-associated pneumonia. <i>Chest</i> , <b>2008</b> , 134, 1208-1216	5.3	103
26	Delayed oxygenation assessment in patients with severe community-acquired pneumonia. <i>Critical Care Medicine</i> , <b>2008</b> , 36, 1694-1695	1.4	
25	C-reactive protein correlates with bacterial load and appropriate antibiotic therapy in suspected ventilator-associated pneumonia. <i>Critical Care Medicine</i> , <b>2008</b> , 36, 166-71	1.4	96
24	Assessment of severity in patients with community-acquired pneumonia: reply to letter by Challen et al.. <i>Intensive Care Medicine</i> , <b>2008</b> , 34, 968-968	14.5	1
23	Impact of long-term treatment with ivermectin on the prevalence and intensity of soil-transmitted helminth infections. <i>PLoS Neglected Tropical Diseases</i> , <b>2008</b> , 2, e293	4.8	43
22	Optimal Antibiotic Use in Severe Community-Acquired Pneumonia <b>2008</b> , 85-95		
21	Oral care practices in intensive care units: a survey of 59 European ICUs. <i>Intensive Care Medicine</i> , <b>2007</b> , 33, 1066-70	14.5	112
20	Management of ventilator-associated pneumonia in a multidisciplinary intensive care unit: does trauma make a difference?. <i>Intensive Care Medicine</i> , <b>2007</b> , 33, 1387-95	14.5	27
19	Oral care practices in critical care unit. <i>Intensive Care Medicine</i> , <b>2007</b> , 33, 2228-2228	14.5	
18	Effects of delayed oxygenation assessment on time to antibiotic delivery and mortality in patients with severe community-acquired pneumonia. <i>Critical Care Medicine</i> , <b>2007</b> , 35, 2509-14	1.4	85
17	Mono versus combination antibiotic therapy: Who is right?. <i>Critical Care Medicine</i> , <b>2007</b> , 35, 2668	1.4	0
16	Combination antibiotic therapy improves survival in patients with community-acquired pneumonia and shock. <i>Critical Care Medicine</i> , <b>2007</b> , 35, 1493-8	1.4	166

15	Impact of diversity of antibiotic use on the development of antimicrobial resistance. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2006</b> , 57, 1197-204	5.1	114
14	Implications of COPD in patients admitted to the intensive care unit by community-acquired pneumonia. <i>European Respiratory Journal</i> , <b>2006</b> , 27, 1210-6	13.6	132
13	Impact of Antibiotic Guideline Compliance on Duration of Mechanical Ventilation in Critically Ill Patients With Community-Acquired Pneumonia. <i>Chest</i> , <b>2006</b> , 130, 93-100	5.3	75
12	Risk factors for ventilator-associated pneumonia by <i>Pseudomonas aeruginosa</i> in presence of recent antibiotic exposure. <i>Anesthesiology</i> , <b>2006</b> , 105, 709-14	4.3	40
11	Impact of antibiotic guideline compliance on duration of mechanical ventilation in critically ill patients with community-acquired pneumonia. <i>Chest</i> , <b>2006</b> , 130, 93-100	5.3	25
10	Risk factors for asthma and allergy associated with urban migration: background and methodology of a cross-sectional study in Afro-Ecuadorian school children in Northeastern Ecuador (Esmeraldas-SCAALA Study). <i>BMC Pulmonary Medicine</i> , <b>2006</b> , 6, 24	3.5	28
9	Etiology of ventilator-associated pneumonia. <i>Clinics in Chest Medicine</i> , <b>2005</b> , 26, 87-95	5.3	32
8	Effects of high-dose of intravenous immunoglobulin and antibiotics on survival for severe sepsis undergoing surgery. <i>Shock</i> , <b>2005</b> , 23, 298-304	3.4	81
7	Infrared ear thermometry in the critically ill patient. <i>Journal of Critical Care</i> , <b>2005</b> , 20, 106-10	4	13
6	Neumonía intrahospitalaria: guía clínica aplicable a Latinoamérica preparada en común por diferentes especialistas. <i>Archivos De Bronconeumología</i> , <b>2005</b> , 41, 439-456	0.7	7
5	Antibiotic prescription for community-acquired pneumonia in the intensive care unit: impact of adherence to Infectious Diseases Society of America guidelines on survival. <i>Clinical Infectious Diseases</i> , <b>2005</b> , 41, 1709-16	11.6	187
4	Clinical resolution in patients with suspicion of ventilator-associated pneumonia: a cohort study comparing patients with and without acute respiratory distress syndrome. <i>Critical Care Medicine</i> , <b>2005</b> , 33, 1248-53	1.4	85
3	De-escalation therapy in ventilator-associated pneumonia. <i>Critical Care Medicine</i> , <b>2004</b> , 32, 2183-90	1.4	191
2	Improving survival for sepsis: on the cutting edge. <i>Critical Care Medicine</i> , <b>2003</b> , 31, 2807-8	1.4	19
1	International Conference for the Development of Consensus on the Diagnosis and Treatment of Ventilator-associated Pneumonia. <i>Chest</i> , <b>2001</b> , 120, 955-70	5.3	176