

# Juan Carlos Ruiz-Rodriguez

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

1,006  
citations

516710

16  
h-index

454955

30  
g-index

57  
all docs

57  
docs citations

57  
times ranked

1626  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recommendations for the treatment of anti-melanoma differentiation-associated gene 5-positive dermatomyositis-associated rapidly progressive interstitial lung disease. <i>Seminars in Arthritis and Rheumatism</i> , 2020, 50, 776-790.	3.4	118
2	Innovative continuous non-invasive cuffless blood pressure monitoring based on photoplethysmography technology. <i>Intensive Care Medicine</i> , 2013, 39, 1618-1625.	8.2	96
3	Vitamin C levels in patients with SARS-CoV-2-associated acute respiratory distress syndrome. <i>Critical Care</i> , 2020, 24, 522.	5.8	90
4	Inflammatory cytokines and organ dysfunction associate with the aberrant DNA methylome of monocytes in sepsis. <i>Genome Medicine</i> , 2019, 11, 66.	8.2	73
5	Rapid and Digital Detection of Inflammatory Biomarkers Enabled by a Novel Portable Nanoplasmonic Imager. <i>Small</i> , 2020, 16, e1906108.	10.0	67
6	Epidemiology of sepsis in Catalonia: analysis of incidence and outcomes in a European setting. <i>Annals of Intensive Care</i> , 2017, 7, 19.	4.6	63
7	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.	3.1	62
8	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.	7.8	45
9	An approach to antibiotic treatment in patients with sepsis. <i>Journal of Thoracic Disease</i> , 2020, 12, 1007-1021.	1.4	38
10	Sepsis mortality prediction with the Quotient Basis Kernel. <i>Artificial Intelligence in Medicine</i> , 2014, 61, 45-52.	6.5	29
11	Label-Free Plasmonic Biosensor for Rapid, Quantitative, and Highly Sensitive COVID-19 Serology: Implementation and Clinical Validation. <i>Analytical Chemistry</i> , 2022, 94, 975-984.	6.5	28
12	Severe sepsis mortality prediction with relevance vector machines. , 2011, 2011, 100-3.		27
13	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.	1.5	26
14	Severe sepsis mortality prediction with logistic regression over latent factors. <i>Expert Systems With Applications</i> , 2012, 39, 1937-1943.	7.6	25
15	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.	4.6	23
16	Precision medicine in sepsis and septic shock: From omics to clinical tools. <i>World Journal of Critical Care Medicine</i> , 2022, 11, 1-21.	1.8	20
17	Pharmacologic Treatment of Anti-MDA5 Rapidly Progressive Interstitial Lung Disease. <i>Current Treatment Options in Rheumatology</i> , 2021, 7, 319-333.	1.4	17
18	Extracorporeal Membrane Oxygenation for Adults With Refractory Septic Shock. <i>ASAIO Journal</i> , 2019, 65, 760-768.	1.6	16

#	ARTICLE	IF	CITATIONS
19	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, 1-10.	1.1	16
20	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.	4.8	13
21	Hot topics on procalcitonin use in clinical practice, can it help antibiotic stewardship?. <i>International Journal of Antimicrobial Agents</i> , 2019, 54, 686-696.	2.5	12
22	Influence of right ventricular function on the development of primary graft dysfunction after lung transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2015, 34, 1423-1429.	0.6	10
23	Cytokine Hemoabsorption 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.	2.6	8
24	On the use of decision trees for ICU outcome prediction in sepsis patients treated with statins. , 2011, , .		7
25	Full neurological recovery 6 h after cardiac arrest due to accidental hypothermia. <i>Lancet</i> , The, 2020, 395, e89.	13.7	7
26	Endotoxin and Cytokine Sequential Hemoabsorption in Septic Shock and Multi-Organ Failure. <i>Blood Purification</i> , 2022, 51, 630-633.	1.8	7
27	Related Factors of Anemia in Critically Ill Patients: A Prospective Multicenter Study. <i>Journal of Clinical Medicine</i> , 2022, 11, 1031.	2.4	6
28	Blood purification in sepsis and COVID-19: what's new in cytokine and endotoxin hemoabsorption. <i>Journal of Anesthesia, Analgesia and Critical Care</i> , 2022, 2, .	1.3	6
29	Prospective validation of right ventricular role in primary graft dysfunction after lung transplantation. <i>European Respiratory Journal</i> , 2016, 48, 1732-1742.	6.7	5
30	Organización de la atención a pacientes críticos en situación de pandemia: Experiencia del Hospital Vall d'Hebron durante el brote de neumonía por SARS-CoV-2. <i>Enfermedades Infecciosas Y Microbiología Clínica</i> , 2020, , .	0.5	5
31	Cardiac tamponade as a cause of cardiac arrest in severe COVID-19 pneumonia. <i>Resuscitation</i> , 2020, 155, 1-2.	3.0	5
32	The sounds of cardiac arrest: Innovating to obtain an accurate record during in-hospital cardiac arrest. <i>Resuscitation</i> , 2012, 83, 1219-1222.	3.0	4
33	Melatonin and mitochondrial dysfunction are key players in the pathophysiology of sepsis. <i>Enfermedades Infecciosas Y Microbiología Clínica</i> , 2018, 36, 535-538.	0.5	4
34	Hemoabsorption 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.	4.8	4
35	On the Use of Graphical Models to Study ICU Outcome Prediction in Septic Patients Treated with Statins. <i>Lecture Notes in Computer Science</i> , 2012, , 98-111.	1.3	3
36	Predicting treatment failure in severe sepsis and septic shock: looking for the Holy Grail. <i>Critical Care</i> , 2013, 17, 180.	5.8	2

#	ARTICLE	IF	CITATIONS
37	Evidence for the Application of Sepsis Bundles in 2021. Seminars in Respiratory and Critical Care Medicine, 2021, 42, 706-716.	2.1	2
38	Mortality and bleeding complications of COVID-19 critically ill patients with venous thromboembolism. International Angiology, 2022, 41, .	0.9	2
39	Machine Learning for Critical Care: An Overview and a Sepsis Case Study. Lecture Notes in Computer Science, 2017, , 15-30.	1.3	1
40	Improving knowledge about sepsis 3 definition in critically ill patients: new insights. Journal of Emergency and Critical Care Medicine, 0, 2, 39-39.	0.7	1
41	Plasmapheresis for the Treatment of Acute Pancreatitis due to Severe Hypertriglyceridemia. Blood Purification, 2021, 50, 572-574.	1.8	1
42	USE OF HIGH-DOSE OF UROKINASE DURING CARDIOPULMONARY RESUSCITATION FOR CLINICALLY SUSPECTED MASSIVE PULMONARY EMBOLISM.. Journal of Emergency Medicine Case Reports, 0, , 17-20.	0.1	1
43	Exposing and Overcoming Limitations of Clinical Laboratory Tests in COVID-19 by Adding Immunological Parameters; A Retrospective Cohort Analysis and Pilot Study. Frontiers in Immunology, 0, 13, .	4.8	1
44	668. Critical Care Medicine, 2013, 41, A164.	0.9	0
45	Melatonin and mitochondrial dysfunction are key players in the pathophysiology of sepsis. Enfermedades Infecciosas Y Microbiología Clínica (English Ed ), 2018, 36, 535-538.	0.3	0
46	Pancreatic damage induced by chlorothalonil acute intentional intoxication. Medicina Clínica, 2020, 157, e309-e310.	0.6	0
47	Emphysematous cystitis. An unusual cause of septic shock. Medicina Intensiva, 2023, 47, 188-189.	0.7	0
48	Pleth variability index may predict preload responsiveness in patients treated with nasal high flow: a physiological study. Journal of Applied Physiology, 2021, 130, 1660-1667.	2.5	0
49	Intelligent Management of Sepsis in the Intensive Care Unit. Advances in Medical Technologies and Clinical Practice Book Series, 2012, , 1-16.	0.3	0
50	Rapid and Digital Detection of Inflammatory Biomarkers Enabled by a Novel Portable Nanoplasmonic Imager. , 2020, , .		0