

Pedro Castro

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.

92
papers

3,212
citations

25
h-index

55
g-index

112
ext. papers

4,537
ext. citations

6.3
avg, IF

4.58
L-index

#	Paper	IF	Citations
92	One-year mortality after ICU admission due to COVID-19 infection.. <i>Intensive Care Medicine</i> , 2022 , 48, 366	14.5	2
91	C-reactive protein cut-off for early tocilizumab and dexamethasone prescription in hospitalized patients with COVID-19.. <i>Scientific Reports</i> , 2022 , 12, 5250	4.9	5
90	Impact of SARS-CoV-2 viral load and duration of symptoms before hospital admission on the mortality of hospitalized COVID-19 patients.. <i>Infection</i> , 2022 , 1	5.8	0
89	Peripheral microcirculatory alterations are associated with the severity of acute respiratory distress syndrome in COVID-19 patients admitted to intermediate respiratory and intensive care units. <i>Critical Care</i> , 2021 , 25, 381	10.8	3
88	Impact of empirical antibiotic regimens on mortality in neutropenic patients with bloodstream infection presenting with septic shock. <i>Antimicrobial Agents and Chemotherapy</i> , 2021 , AAC0174421	5.9	4
87	Safety and Feasibility of Transbronchial Cryobiopsy in Mechanically Ventilated Patients.. <i>Archivos De Bronconeumologia</i> , 2021 ,	0.7	0
86	Machine learning using the extreme gradient boosting (XGBoost) algorithm predicts 5-day delta of SOFA score at ICU admission in COVID-19 patients. <i>Journal of Intensive Medicine</i> , 2021 , 1, 110-110		2
85	Profiling circulating microRNAs in patients with cirrhosis and acute-on-chronic liver failure. <i>JHEP Reports</i> , 2021 , 3, 100233	10.3	4
84	Trends in mortality of hospitalised COVID-19 patients: A single centre observational cohort study from Spain. <i>Lancet Regional Health - Europe, The</i> , 2021 , 3, 100041		16
83	Progressive endothelial cell damage in correlation with sepsis severity. Defibrotide as a contender. <i>Journal of Thrombosis and Haemostasis</i> , 2021 , 19, 1948-1958	15.4	3
82	Mixed-method research protocol: Development and evaluation of a nursing intervention in patients discharged from the intensive care unit. <i>Nursing Open</i> , 2021 , 8, 3666-3676	2.1	1
81	Implications of early respiratory support strategies on disease progression in critical COVID-19: a matched subanalysis of the prospective RISC-19-ICU cohort. <i>Critical Care</i> , 2021 , 25, 175	10.8	13
80	Outcomes in patients treated with chimeric antigen receptor T-cell therapy who were admitted to intensive care (CARTTAS): an international, multicentre, observational cohort study. <i>Lancet Haematology,the</i> , 2021 , 8, e355-e364	14.6	10
79	Distinctive Biomarker Features in The Endotheliopathy of COVID-19 and Septic Syndromes. <i>Shock</i> , 2021 ,	3.4	11
78	Is the Endothelium the Missing Link in the Pathophysiology and Treatment of COVID-19 Complications?. <i>Cardiovascular Drugs and Therapy</i> , 2021 , 1	3.9	15
77	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> , 2021 , 72, 1369-1378	11.6	37
76	Complement as the enabler of carfilzomib-induced thrombotic microangiopathy. <i>British Journal of Haematology</i> , 2021 , 193, 181-187	4.5	8

75	Incidence of co-infections and superinfections in hospitalized patients with COVID-19: a retrospective cohort study. <i>Clinical Microbiology and Infection</i> , 2021 , 27, 83-88	9.5	280
74	CART19-BE-01: A Multicenter Trial of ARI-0001 Cell Therapy in Patients with CD19 Relapsed/Refractory Malignancies. <i>Molecular Therapy</i> , 2021 , 29, 636-644	11.7	26
73	Detection and significance of green inclusions in peripheral blood neutrophils and monocytes. <i>International Journal of Laboratory Hematology</i> , 2021 , 43, e92-e94	2.5	2
72	Minimally Invasive Tissue Sampling Findings in 12 Patients With Coronavirus Disease 2019.. <i>Clinical Infectious Diseases</i> , 2021 , 73, S454-S464	11.6	
71	Severe acute kidney injury in critically ill COVID-19 patients. <i>Journal of Nephrology</i> , 2021 , 34, 285-293	4.8	11
70	Early corticosteroids are associated with lower mortality in critically ill patients with COVID-19: a cohort study. <i>Critical Care</i> , 2021 , 25, 2	10.8	22
69	Timing of elective tracheotomy and duration of mechanical ventilation among patients admitted to intensive care with severe COVID-19: A multicenter prospective cohort study. <i>Head and Neck</i> , 2021 , 43, 3743-3756	4.2	3
68	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
67	Impact of remdesivir according to the pre-admission symptom duration in patients with COVID-19. <i>Journal of Antimicrobial Chemotherapy</i> , 2021 , 76, 3296-3302	5.1	4
66	Minimally Invasive Tissue Sampling as an Alternative to Complete Diagnostic Autopsies in the Context of Epidemic Outbreaks and Pandemics: The Example of Coronavirus Disease 2019 (COVID-19).. <i>Clinical Infectious Diseases</i> , 2021 , 73, S472-S479	11.6	
65	Factors associated with the clinical outcome of patients with relapsed/refractory CD19 acute lymphoblastic leukemia treated with ARI-0001 CART19-cell therapy. 2021 , 9,		0
64	Genomewide Association Study of Severe Covid-19 with Respiratory Failure. <i>New England Journal of Medicine</i> , 2020 , 383, 1522-1534	59.2	913
63	COVID-19: from epidemiology to treatment. <i>European Heart Journal</i> , 2020 , 41, 2092-2112	9.5	45
62	Molecular characterization of methicillin-resistant Staphylococcus aureus clinical strains from the endotracheal tubes of patients with nosocomial pneumonia. <i>Antimicrobial Resistance and Infection Control</i> , 2020 , 9, 43	6.2	8
61	SARS-CoV-2-induced Acute Respiratory Distress Syndrome: Pulmonary Mechanics and Gas-Exchange Abnormalities. <i>Annals of the American Thoracic Society</i> , 2020 , 17, 1164-1168	4.7	15
60	Personalized therapy approach for hospitalized patients with COVID-19. <i>Clinical Infectious Diseases</i> , 2020 ,	11.6	25
59	Assessment of a Loop-Mediated Isothermal Amplification (LAMP) Assay for the Rapid Detection of Pathogenic Bacteria from Respiratory Samples in Patients with Hospital-Acquired Pneumonia. <i>Microorganisms</i> , 2020 , 8,	4.9	12
58	Defibrotide for the Treatment of Endotheliitis Complicating Sars-Cov-2 Infection: Rationale and Ongoing Studies As Part of the International Defacovid Study Group. <i>Blood</i> , 2020 , 136, 6-8	2.2	1

57	Circulating Biomarkers of COVID-19-Triggered Endotheliopathy: From Conjecture to Certainty. <i>Blood</i> , 2020 , 136, 31-32	2.2	2
56	Plasma Exchange: An Effective Rescue Therapy in Critically Ill Patients With Coronavirus Disease 2019 Infection. <i>Critical Care Medicine</i> , 2020 , 48, e1350-e1355	1.4	21
55	Green inclusions in neutrophils: A critical finding that must be reported. <i>International Journal of Laboratory Hematology</i> , 2020 , 42, e101-e104	2.5	5
54	Awake prone positioning does not reduce the risk of intubation in COVID-19 treated with high-flow nasal oxygen therapy: a multicenter, adjusted cohort study. <i>Critical Care</i> , 2020 , 24, 597	10.8	77
53	Prognostic factors associated with mortality risk and disease progression in 639 critically ill patients with COVID-19 in Europe: Initial report of the international RISC-19-ICU prospective observational cohort. <i>EClinicalMedicine</i> , 2020 , 25, 100449	11.3	94
52	Clinical features, ventilatory management, and outcome of ARDS caused by COVID-19 are similar to other causes of ARDS. <i>Intensive Care Medicine</i> , 2020 , 46, 2200-2211	14.5	166
51	Patient characteristics, clinical course and factors associated to ICU mortality in critically ill patients infected with SARS-CoV-2 in Spain: A prospective, cohort, multicentre study. <i>Revista Española De Anestesiología Y Reanimación</i> , 2020 , 67, 425-437	0.9	56
50	Efficacy of dexamethasone treatment for patients with the acute respiratory distress syndrome caused by COVID-19: study protocol for a randomized controlled superiority trial. <i>Trials</i> , 2020 , 21, 717	2.8	20
49	Diagnostic yield of F-FDG PET/CT in suspected diagnosis of vascular graft infection: A prospective cohort study. <i>Journal of Nuclear Cardiology</i> , 2020 , 27, 294-302	2.1	10
48	Timing, Complications, and Safety of Tracheotomy in Critically Ill Patients With COVID-19. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2020 ,	3.9	31
47	Endocarditis Caused by Highly Penicillin-Resistant Viridans Group Streptococci: Still Room for Vancomycin-Based Regimens. <i>Antimicrobial Agents and Chemotherapy</i> , 2019 , 63,	5.9	6
46	Comparative efficacy of linezolid and vancomycin for endotracheal tube MRSA biofilms from ICU patients. <i>Critical Care</i> , 2019 , 23, 251	10.8	9
45	Virological Outcome Measures During Analytical Treatment Interruptions in Chronic HIV-1-Infected Patients. <i>Open Forum Infectious Diseases</i> , 2019 , 6, ofz485	1	4
44	Failure of intravenous artesunate treatment for Plasmodium falciparum malaria in a splenectomized traveller: A diagnostic challenge. <i>Travel Medicine and Infectious Disease</i> , 2019 , 30, 142-143	8.4	1
43	Multi-professional simulation and risk perception of health care workers caring for Ebola-infected patients. <i>Nursing in Critical Care</i> , 2019 , 24, 256-262	2.7	10
42	Prognostic Factors of Death in 151 Adults With Hemophagocytic Syndrome: Etiopathogenically Driven Analysis. <i>Mayo Clinic Proceedings Innovations, Quality & Outcomes</i> , 2018 , 2, 267-276	3.1	17
41	A case of Mycoplasma hominis disseminated infection in a human immunodeficiency virus-1-infected pregnant woman with hypogammaglobulinemia. <i>Journal of Microbiology, Immunology and Infection</i> , 2017 , 50, 118-119	8.5	3
40	Massive erythrophagocytosis by peripheral monocytes and neutrophils in parvovirus-B19 autoimmune hemolytic anemia. <i>Annals of Hematology</i> , 2017 , 96, 881-882	3	9

39	Human African Trypanosomiasis in a Spanish traveler returning from Tanzania. <i>PLoS Neglected Tropical Diseases</i> , 2017 , 11, e0005324	4.8	6
38	Standard vaccines increase HIV-1 transcription during antiretroviral therapy. <i>Aids</i> , 2016 , 30, 2289-98	3.5	12
37	The role of red blood cell exchange for severe imported malaria in the artesunate era: a retrospective cohort study in a referral centre. <i>Malaria Journal</i> , 2016 , 15, 216	3.6	14
36	Predictive performance of glomerular filtration rate estimation equations based on cystatin C versus serum creatinine values in critically ill patients. <i>American Journal of Health-System Pharmacy</i> , 2016 , 73, 206-15	2.2	8
35	Evaluation of a Mixing versus a Cycling Strategy of Antibiotic Use in Critically-Ill Medical Patients: Impact on Acquisition of Resistant Microorganisms and Clinical Outcomes. <i>PLoS ONE</i> , 2016 , 11, e0150274	2.7	13
34	Thrombotic Microangiopathy: a Challenging Diagnosis Always. <i>Israel Medical Association Journal</i> , 2016 , 18, 437-438	0.9	
33	Acquisition of <i>Pseudomonas aeruginosa</i> and its resistance phenotypes in critically ill medical patients: role of colonization pressure and antibiotic exposure. <i>Critical Care</i> , 2015 , 19, 218	10.8	39
32	In vivo evolution of resistance of <i>Pseudomonas aeruginosa</i> strains isolated from patients admitted to an intensive care unit: mechanisms of resistance and antimicrobial exposure. <i>Journal of Antimicrobial Chemotherapy</i> , 2015 , 70, 3004-13	5.1	27
31	Meropenem population pharmacokinetics in critically ill patients with septic shock and continuous renal replacement therapy: influence of residual diuresis on dose requirements. <i>Antimicrobial Agents and Chemotherapy</i> , 2015 , 59, 5520-8	5.9	46
30	ADAMTS-13 in Critically Ill Patients With Septic Syndromes and Noninfectious Systemic Inflammatory Response Syndrome. <i>Shock</i> , 2015 , 43, 556-62	3.4	26
29	Pattern of soluble CD5 and CD6 lymphocyte receptors in critically ill patients with septic syndromes. <i>Journal of Critical Care</i> , 2015 , 30, 914-9	4	9
28	Acute iron intoxication: change in urine color during chelation therapy with deferoxamine. <i>Intensive Care Medicine</i> , 2014 , 40, 104	14.5	4
27	Development and validation of a UHPLC diode array detector method for meropenem quantification in human plasma. <i>Clinical Biochemistry</i> , 2014 , 47, 223-7	3.5	16
26	A case of lung involvement due to anaplastic lymphoma kinase negative anaplastic large cell lymphoma in an HIV-infected patient. <i>Aids</i> , 2014 , 28, 934-6	3.5	
25	Pulmonary tumor thrombotic microangiopathy: report of 3 cases and review of the literature. <i>Medicine (United States)</i> , 2014 , 93, 359-363	1.8	14
24	Effects of different antigenic stimuli on thymic function and interleukin-7/CD127 system in patients with chronic HIV infection. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2014 , 66, 466-72	3.1	4
23	Influence of episodes of intermittent viremia ("blips") on immune responses and viral load rebound in successfully treated HIV-infected patients. <i>AIDS Research and Human Retroviruses</i> , 2013 , 29, 68-76	1.6	18
22	Adiponectin diminishes organ-specific microvascular endothelial cell activation associated with sepsis. <i>Shock</i> , 2012 , 37, 392-8	3.4	18

21	Functional status and quality of life 12 months after discharge from a medical ICU in healthy elderly patients: a prospective observational study. <i>Critical Care</i> , 2011 , 15, R105	10.8	99
20	Diabetes and sepsis: preclinical findings and clinical relevance. <i>Diabetes Care</i> , 2011 , 34, 771-8	14.6	93
19	Genotypes coding for low serum levels of mannose-binding lectin are underrepresented among individuals suffering from noninfectious systemic inflammatory response syndrome. <i>Vaccine Journal</i> , 2010 , 17, 447-53		8
18	Massive intravascular haemolysis during <i>Clostridium perfringens</i> sepsis of hepatic origin. <i>European Journal of Haematology</i> , 2010 , 84, 278-9	3.8	12
17	Influence of a vaccination schedule on viral load rebound and immune responses in successfully treated HIV-infected patients. <i>AIDS Research and Human Retroviruses</i> , 2009 , 25, 1249-59	1.6	24
16	Severe imported malaria in adults: retrospective study of 20 cases. <i>American Journal of Tropical Medicine and Hygiene</i> , 2009 , 81, 595-9	3.2	17
15	Influence of antipseudomonal agents on <i>Pseudomonas aeruginosa</i> colonization and acquisition of resistance in critically ill medical patients. <i>Intensive Care Medicine</i> , 2009 , 35, 439-47	14.5	24
14	Mortality in healthy elderly patients after ICU admission. <i>Intensive Care Medicine</i> , 2009 , 35, 550-5	14.5	51
13	Phenotypic and functional characteristics of HIV-specific CD8 T cells and gag sequence variability after autologous dendritic cells based therapeutic vaccine. <i>Vaccine</i> , 2009 , 27, 6166-78	4.1	9
12	Clinicoimmunological progression and response to treatment of long-term nonprogressor HIV-hepatitis C virus-coinfected patients. <i>AIDS Research and Human Retroviruses</i> , 2007 , 23, 863-7	1.6	6
11	Increased mortality in septic shock with the 4G/4G genotype of plasminogen activator inhibitor 1 in patients of white descent. <i>Intensive Care Medicine</i> , 2007 , 33, 1354-62	14.5	41
10	Immunological profile of heterosexual highly HIV-exposed uninfected individuals: predominant role of CD4 and CD8 T-cell activation. <i>Journal of Infectious Diseases</i> , 2007 , 196, 1191-201	7	39
9	Dynamics of T cells subsets and lymphoproliferative responses during structured treatment interruption cycles and after definitive interruption of HAART in early chronic HIV type-1-infected patients. <i>AIDS Research and Human Retroviruses</i> , 2006 , 22, 657-66	1.6	15
8	Group A streptococcal infections in injection drug users in Barcelona, Spain: epidemiologic, clinical, and microbiologic analysis of 3 clusters of cases from 2000 to 2003. <i>Medicine (United States)</i> , 2006 , 85, 139-146	1.8	27
7	Therapeutic immunization with dendritic cells loaded with heat-inactivated autologous HIV-1 in patients with chronic HIV-1 infection. <i>Journal of Infectious Diseases</i> , 2005 , 191, 1680-5	7	133
6	Transmission of hepatitis C virus by discarded-needle injury. <i>Clinical Infectious Diseases</i> , 2005 , 41, 129-30	11.6	21
5	Long-term clinical follow-up, without antiretroviral therapy, of patients with chronic HIV-1 infection with good virological response to structured treatment interruption. <i>Clinical Infectious Diseases</i> , 2004 , 39, 569-74	11.6	21
4	Effect of mycophenolate mofetil on immune response and plasma and lymphatic tissue viral load during and after interruption of highly active antiretroviral therapy for patients with chronic HIV infection: a randomized pilot study. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2004 , 36, 822-30	3.1	63

3	Similar HIV-1 evolution and immunological responses at 10 years despite several therapeutic strategies and host HLA Types. <i>Journal of Medical Virology</i> , 2004 , 73, 495-501	19.7	0
2	Long-term CD4+ T-cell response to highly active antiretroviral therapy according to baseline CD4+ T-cell count. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2004 , 36, 702-13	3.1	132
1	New susceptibility loci for severe COVID-19 by detailed GWAS analysis in European populations		2