

Pedro Castro

List of Publications by Citations

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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	Genomewide Association Study of Severe Covid-19 with Respiratory Failure. <i>New England Journal of Medicine</i> , 2020 , 383, 1522-1534	59.2	913
91	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
90	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
89	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
88	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
87	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
86	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
85	Diabetes and sepsis: preclinical findings and clinical relevance. <i>Diabetes Care</i> , 2011 , 34, 771-8	14.6	93
84	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
83	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, 823-30	3.1	63
82	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
81	Mortality in healthy elderly patients after ICU admission. <i>Intensive Care Medicine</i> , 2009 , 35, 550-5	14.5	51
80	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
79	COVID-19: from epidemiology to treatment. <i>European Heart Journal</i> , 2020 , 41, 2092-2112	9.5	45
78	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
77	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
76	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

75	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
74	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
73	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
72	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
71	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
70	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
69	Personalized therapy approach for hospitalized patients with COVID-19. <i>Clinical Infectious Diseases</i> , 2020 ,	11.6	25
68	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
67	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
66	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
65	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
64	Transmission of hepatitis C virus by discarded-needle injury. <i>Clinical Infectious Diseases</i> , 2005 , 41, 129-30	11.6	21
63	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
62	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
61	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
60	Adiponectin diminishes organ-specific microvascular endothelial cell activation associated with sepsis. <i>Shock</i> , 2012 , 37, 392-8	3.4	18
59	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
58	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

57	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
56	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
55	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
54	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
53	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
52	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
51	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
50	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
49	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
48	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
47	Standard vaccines increase HIV-1 transcription during antiretroviral therapy. <i>Aids</i> , 2016 , 30, 2289-98	3.5	12
46	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
45	Distinctive Biomarker Features in The Endotheliopathy of COVID-19 and Septic Syndromes. <i>Shock</i> , 2021 ,	3.4	11
44	Severe acute kidney injury in critically ill COVID-19 patients. <i>Journal of Nephrology</i> , 2021 , 34, 285-293	4.8	11
43	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
42	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
41	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
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	Comparative efficacy of linezolid and vancomycin for endotracheal tube MRSA biofilms from ICU patients. <i>Critical Care</i> , 2019 , 23, 251	10.8	9
38	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
37	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
36	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
35	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
34	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
33	Complement as the enabler of carfilzomib-induced thrombotic microangiopathy. <i>British Journal of Haematology</i> , 2021 , 193, 181-187	4.5	8
32	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
31	Human African Trypanosomiasis in a Spanish traveler returning from Tanzania. <i>PLoS Neglected Tropical Diseases</i> , 2017 , 11, e0005324	4.8	6
30	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
29	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
28	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
27	Acute iron intoxication: change in urine color during chelation therapy with deferoxamine. <i>Intensive Care Medicine</i> , 2014 , 40, 104	14.5	4
26	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
25	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
24	Profiling circulating microRNAs in patients with cirrhosis and acute-on-chronic liver failure. <i>JHEP Reports</i> , 2021 , 3, 100233	10.3	4
23	Virological Outcome Measures During Analytical Treatment Interruptions in Chronic HIV-1-Infected Patients. <i>Open Forum Infectious Diseases</i> , 2019 , 6, ofz485	1	4
22	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

21	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
20	A case of <i>Mycoplasma hominis</i> 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
19	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
18	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
17	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
16	One-year mortality after ICU admission due to COVID-19 infection.. <i>Intensive Care Medicine</i> , 2022 , 48, 366	14.5	2
15	Circulating Biomarkers of COVID-19-Triggered Endotheliopathy: From Conjecture to Certainty. <i>Blood</i> , 2020 , 136, 31-32	2.2	2
14	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
13	New susceptibility loci for severe COVID-19 by detailed GWAS analysis in European populations		2
12	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
11	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
10	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
9	Failure of intravenous artesunate treatment for <i>Plasmodium falciparum</i> malaria in a splenectomized traveller: A diagnostic challenge. <i>Travel Medicine and Infectious Disease</i> , 2019 , 30, 142-143	8.4	1
8	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
7	Safety and Feasibility of Transbronchial Cryobiopsy in Mechanically Ventilated Patients.. <i>Archivos De Bronconeumologia</i> , 2021 ,	0.7	0
6	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
5	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
4	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	

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| 3 | Minimally Invasive Tissue Sampling Findings in 12 Patients With Coronavirus Disease 2019.. <i>Clinical Infectious Diseases</i> , 2021 , 73, S454-S464 | 11.6 |
| 2 | 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 |
| 1 | Thrombotic Microangiopathy: a Challenging Diagnosis Always. <i>Israel Medical Association Journal</i> , 2016 , 18, 437-438 | 0.9 |