

# Pedro D Wendel-Garcia

## 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.

41  
papers

595  
citations

9  
h-index

24  
g-index

52  
ext. papers

1,131  
ext. citations

8.7  
avg, IF

3.61  
L-index

#	Paper	IF	Citations
41	Undulatory Locomotion of Magnetic Multilink Nanoswimmers. <i>Nano Letters</i> , <b>2015</b> , 15, 4829-33	11.5	147
40	Hypothermia versus Normothermia after Out-of-Hospital Cardiac Arrest. <i>New England Journal of Medicine</i> , <b>2021</b> , 384, 2283-2294	59.2	127
39	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> , <b>2020</b> , 25, 100449	11.3	94
38	Superparamagnetic Twist-Type Actuators with Shape-Independent Magnetic Properties and Surface Functionalization for Advanced Biomedical Applications. <i>Advanced Functional Materials</i> , <b>2014</b> , 24, 5269-5276	15.6	71
37	Bacterial pulmonary superinfections are associated with longer duration of ventilation in critically ill COVID-19 patients. <i>Cell Reports Medicine</i> , <b>2021</b> , 2, 100229	18	25
36	Capillary Leukocytes, Microaggregates, and the Response to Hypoxemia in the Microcirculation of Coronavirus Disease 2019 Patients. <i>Critical Care Medicine</i> , <b>2021</b> , 49, 661-670	1.4	18
35	icumonitoring.ch: a platform for short-term forecasting of intensive care unit occupancy during the COVID-19 epidemic in Switzerland. <i>Swiss Medical Weekly</i> , <b>2020</b> , 150, w20277	3.1	17
34	Influenza-associated aspergillosis in critically-ill patients-a retrospective bicentric cohort study. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , <b>2020</b> , 39, 1915-1923	5.3	17
33	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> , <b>2021</b> , 25, 175	10.8	13
32	Secondary sclerosing cholangitis as cause of persistent jaundice in patients with severe COVID-19. <i>Liver International</i> , <b>2021</b> , 41, 2404-2417	7.9	7
31	Cytokine adsorption in severe, refractory septic shock. <i>Intensive Care Medicine</i> , <b>2021</b> , 47, 1334-1336	14.5	6
30	Intracranial Hemorrhages on Extracorporeal Membrane Oxygenation: Differences Between COVID-19 and Other Viral Acute Respiratory Distress Syndrome.. <i>Critical Care Medicine</i> , <b>2022</b> ,	1.4	4
29	Students Supporting Critical Care - A contention plan to prevent the decompensation of ICUs in the COVID-19 pandemic:Translating Bjorn IbsensVpolio-lessons to modern times. <i>Critical Care</i> , <b>2020</b> , 24, 211	10.8	3
28	mRNA-based SARS-CoV-2 vaccination is associated with reduced ICU admission rate and disease severity in critically ill COVID-19 patients treated in Switzerland.. <i>Intensive Care Medicine</i> , <b>2022</b> ,	14.5	3
27	Neutrophil and monocyte dysfunctional effector response towards bacterial challenge in critically-ill COVID-19 patients		3
26	Latent class analysis to predict intensive care outcomes in Acute Respiratory Distress Syndrome: a proposal of two pulmonary phenotypes. <i>Critical Care</i> , <b>2021</b> , 25, 154	10.8	3
25	Closed-Loop Versus Conventional Mechanical Ventilation in COVID-19 ARDS. <i>Journal of Intensive Care Medicine</i> , <b>2021</b> , 36, 1184-1193	3.3	3

24	Probabilistic analysis of COVID-19 patients' individual length of stay in Swiss intensive care units. <i>PLoS ONE</i> , <b>2021</b> , 16, e0247265	3.7	3
23	What every intensivist should know about Tocilizumab. <i>Critical Care</i> , <b>2021</b> , 25, 262	10.8	3
22	Bacterial but no SARS-CoV-2 contamination after terminal disinfection of tertiary care intensive care units treating COVID-19 patients. <i>Antimicrobial Resistance and Infection Control</i> , <b>2021</b> , 10, 11	6.2	3
21	Hyperinflammatory environment drives dysfunctional myeloid cell effector response to bacterial challenge in COVID-19.. <i>PLoS Pathogens</i> , <b>2022</b> , 18, e1010176	7.6	2
20	Bacterial pulmonary superinfections are associated with unfavourable outcomes in critically ill COVID-19 patients		2
19	Bacterial Pulmonary Superinfections Are Associated with Unfavourable Outcomes in Critically Ill COVID-19 Patients. <i>SSRN Electronic Journal</i> ,	1	2
18	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> , <b>2021</b> , 1, 110-110		2
17	Sex- and Gender-specific Risk Factors of Post-COVID-19 Syndrome: A Population-based Cohort Study in Switzerland		2
16	Clinical and biochemical endpoints and predictors of response to plasma exchange in septic shock: results from a randomized controlled trial.. <i>Critical Care</i> , <b>2022</b> , 26, 134	10.8	2
15	It takes two to bleed: anticoagulation intensity and the host's vascular susceptibility.. <i>Intensive Care Medicine</i> , <b>2022</b> , 1	14.5	1
14	Non-invasive oxygenation support in acutely hypoxemic COVID-19 patients admitted to the ICU: a multicenter observational retrospective study.. <i>Critical Care</i> , <b>2022</b> , 26, 37	10.8	1
13	Powering and Fabrication of Small-Scale Robotics Systems.. <i>Current Robotics Reports</i> , <b>2021</b> , 2, 427-440	3.5	1
12	Unraveling the secret of re-balancing homeostasis in sepsis: a critical view on extracorporeal blood purification modalities. <i>Intensive Care Medicine</i> , <b>2021</b> , 1	14.5	1
11	Timing COVID-19 Synchronization of longitudinal patient data to the underlying disease progression using CRP as a temporal marker		1
10	Near real-time observation reveals increased prevalence of young patients in the ICU during the emerging third SARS-CoV-2 wave in Switzerland. <i>Swiss Medical Weekly</i> , <b>2021</b> , 151, w20553	3.1	1
9	How to Synchronize Longitudinal Patient Data With the Underlying Disease Progression: A Pilot Study Using the Biomarker CRP for Timing COVID-19. <i>Frontiers in Medicine</i> , <b>2021</b> , 8, 607594	4.9	1
8	Awake prone position reduces work of breathing in patients with COVID-19 ARDS supported by CPAP.. <i>Annals of Intensive Care</i> , <b>2021</b> , 11, 179	8.9	1
7	Where is the imperceptible difference?. <i>Intensive Care Medicine</i> , <b>2022</b> , 1	14.5	1

6	Analysis of anaesthesia services to calculate national need and supply of anaesthetics in Switzerland during the COVID-19 pandemic. <i>PLoS ONE</i> , <b>2021</b> , 16, e0248997	3.7	○
5	Differing Visual Behavior Between Inexperienced and Experienced Critical Care Nurses While Using a Closed-Loop Ventilation System-A Prospective Observational Study. <i>Frontiers in Medicine</i> , <b>2021</b> , 8, 681321	4.9	○
4	The importance of intravenous immunoglobulin treatment in critically ill patients with necrotizing soft tissue infection: a retrospective cohort study.. <i>BMC Infectious Diseases</i> , <b>2022</b> , 22, 168	4	○
3	Ventilation management and outcomes in out-of-hospital cardiac arrest: a protocol for a preplanned secondary analysis of the TTM2 trial.. <i>BMJ Open</i> , <b>2022</b> , 12, e058001	3	○
2	Helicopter inter-hospital transfer for patients undergoing extracorporeal membrane oxygenation: a retrospective 12-year analysis of a service system.. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , <b>2022</b> , 30, 33	3.6	○
1	The SARS-CoV-2 Pandemic Impacts the Management of Swiss Pediatric Intensive Care Units.. <i>Frontiers in Pediatrics</i> , <b>2022</b> , 10, 761815	3.4	