

Pedro D Wendel-Garcia

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

1,620
citations

516561

16
h-index

330025

37
g-index

52
all docs

52
docs citations

52
times ranked

2092
citing authors

#	ARTICLE	IF	CITATIONS
1	Hypothermia versus Normothermia after Out-of-Hospital Cardiac Arrest. <i>New England Journal of Medicine</i> , 2021, 384, 2283-2294.	13.9	511
2	Undulatory Locomotion of Magnetic Multilink Nanoswimmers. <i>Nano Letters</i> , 2015, 15, 4829-4833.	4.5	202
3	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.	3.2	155
4	Superparamagnetic Twistâ€”Type Actuators with Shapeâ€”Independent Magnetic Properties and Surface Functionalization for Advanced Biomedical Applications. <i>Advanced Functional Materials</i> , 2014, 24, 5269-5276.	7.8	92
5	Bacterial pulmonary superinfections are associated with longer duration of ventilation in critically ill COVID-19 patients. <i>Cell Reports Medicine</i> , 2021, 2, 100229.	3.3	68
6	Secondary sclerosing cholangitis as cause of persistent jaundice in patients with severe COVIDâ€”19. <i>Liver International</i> , 2021, 41, 2404-2417.	1.9	58
7	Capillary Leukocytes, Microaggregates, and the Response to Hypoxemia in the Microcirculation of Coronavirus Disease 2019 Patients. <i>Critical Care Medicine</i> , 2021, 49, 661-670.	0.4	39
8	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.	2.5	38
9	Cytokine adsorption in severe, refractory septic shock. <i>Intensive Care Medicine</i> , 2021, 47, 1334-1336.	3.9	36
10	Influenza-associated aspergillosis in critically-ill patientsâ€”a retrospective bicentric cohort study. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2020, 39, 1915-1923.	1.3	34
11	Intracranial Hemorrhages on Extracorporeal Membrane Oxygenation. <i>Critical Care Medicine</i> , 2022, Publish Ahead of Print, .	0.4	33
12	Ventilatory settings in the initial 72Â”h and their association with outcome in out-of-hospital cardiac arrest patients: a preplanned secondary analysis of the targeted hypothermia versus targeted normothermia after out-of-hospital cardiac arrest (TTM2) trial. <i>Intensive Care Medicine</i> , 2022, 48, 1024-1038.	3.9	31
13	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> , 2020, 150, w20277.	0.8	30
14	Awake prone position reduces work of breathing in patients with COVID-19 ARDS supported by CPAP. <i>Annals of Intensive Care</i> , 2021, 11, 179.	2.2	26
15	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, 110-116.	0.8	22
16	Latent class analysis to predict intensive care outcomes in Acute Respiratory Distress Syndrome: a proposal of two pulmonary phenotypes. <i>Critical Care</i> , 2021, 25, 154.	2.5	21
17	Clinical and biochemical endpoints and predictors of response to plasma exchange in septic shock: results from a randomized controlled trial. <i>Critical Care</i> , 2022, 26, 134.	2.5	21
18	Hyperinflammatory environment drives dysfunctional myeloid cell effector response to bacterial challenge in COVID-19. <i>PLoS Pathogens</i> , 2022, 18, e1010176.	2.1	20

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19	Long-term ketamine infusion-induced cholestatic liver injury in COVID-19-associated acute respiratory distress syndrome. <i>Critical Care</i> , 2022, 26, .	2.5	19
20	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> , 2022, 48, 362-365.	3.9	18
21	Non-invasive oxygenation support in acutely hypoxemic COVID-19 patients admitted to the ICU: a multicenter observational retrospective study. <i>Critical Care</i> , 2022, 26, 37.	2.5	15
22	Closed-Loop Versus Conventional Mechanical Ventilation in COVID-19 ARDS. <i>Journal of Intensive Care Medicine</i> , 2021, 36, 1184-1193.	1.3	12
23	What every intensivist should know about Tocilizumab. <i>Critical Care</i> , 2021, 25, 262.	2.5	10
24	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> , 2021, 10, 11.	1.5	8
25	Probabilistic analysis of COVID-19 patients' individual length of stay in Swiss intensive care units. <i>PLoS ONE</i> , 2021, 16, e0247265.	1.1	7
26	Powering and Fabrication of Small-Scale Robotics Systems. <i>Current Robotics Reports</i> , 2021, 2, 427-440.	5.1	7
27	Unraveling the secret of re-balancing homeostasis in sepsis: a critical view on extracorporeal blood purification modalities. <i>Intensive Care Medicine</i> , 2021, , 1.	3.9	7
28	The importance of intravenous immunoglobulin treatment in critically ill patients with necrotizing soft tissue infection: a retrospective cohort study. <i>BMC Infectious Diseases</i> , 2022, 22, 168.	1.3	5
29	Effects of tall man lettering on the visual behaviour of critical care nurses while identifying syringe drug labels: a randomised in situ simulation. <i>BMJ Quality and Safety</i> , 2023, 32, 26-33.	1.8	5
30	Impact of the matching algorithm on the treatment effect estimate: A neutral comparison study. <i>Biometrical Journal</i> , 2024, 66, .	0.6	5
31	Analysis of anaesthesia services to calculate national need and supply of anaesthetics in Switzerland during the COVID-19 pandemic. <i>PLoS ONE</i> , 2021, 16, e0248997.	1.1	4
32	Bacterial Pulmonary Superinfections Are Associated with Unfavourable Outcomes in Critically Ill COVID-19 Patients. <i>SSRN Electronic Journal</i> , 0, , .	0.4	4
33	It takes two to bleed: anticoagulation intensity and the host's vascular susceptibility. <i>Intensive Care Medicine</i> , 2022, 48, 619-620.	3.9	4
34	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> , 2022, 30, 33.	1.1	4
35	Students Supporting Critical Care – A contention plan to prevent the decompensation of ICUs in the COVID-19 pandemic: Translating Bjorn Ibsens' polio-lessons to modern times. <i>Critical Care</i> , 2020, 24, 211.	2.5	3
36	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> , 2021, 151, w20553.	0.8	3

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37	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> , 2022, 12, e058001.	0.8	3
38	Perioperative targeted temperature management of severely burned patients by means of an oesophageal temperature probe. <i>Burns</i> , 2023, 49, 401-407.	1.1	3
39	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> , 2021, 8, 607594.	1.2	2
40	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> , 2021, 8, 681321.	1.2	2
41	Where is the imperceptible difference?. <i>Intensive Care Medicine</i> , 2022, , 1.	3.9	2
42	Cuffed versus uncuffed tracheal tubes in a rabbit training model for establishing an emergency front-of-neck airway in infants: a prospective trial. <i>British Journal of Anaesthesia</i> , 2022, 128, 382-390.	1.5	1
43	High Positive End-Expiratory Pressure and Lung Recruitment in Moderate to Severe Acute Respiratory Distress Syndrome: Does One Size Really Fit All?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 205, 1260-1262.	2.5	1
44	The SARS-CoV-2 Pandemic Impacts the Management of Swiss Pediatric Intensive Care Units. <i>Frontiers in Pediatrics</i> , 2022, 10, 761815.	0.9	0