

Frederique Paulus

List of Publications by Year in descending order

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Version: 2024-02-01

76
papers

2,208
citations

430874

18
h-index

243625

44
g-index

77
all docs

77
docs citations

77
times ranked

2856
citing authors

#	ARTICLE	IF	CITATIONS
1	Prognostication using SpO ₂ /FiO ₂ in invasively ventilated ICU patients with ARDS due to COVID-19 – Insights from the PRoVENT-COVID study. <i>Journal of Critical Care</i> , 2022, 68, 31-37.	2.2	11
2	The effect of age on ventilation management and clinical outcomes in critically ill COVID-19 patients – Insights from the PRoVENT-COVID study. <i>Aging</i> , 2022, 14, 1087-1109.	3.1	12
3	The impact of lung ultrasound on clinical-decision making across departments: a systematic review. <i>Ultrasound Journal</i> , 2022, 14, 5.	3.3	13
4	Geoeconomic variations in epidemiology, ventilation management, and outcomes in invasively ventilated intensive care unit patients without acute respiratory distress syndrome: a pooled analysis of four observational studies. <i>The Lancet Global Health</i> , 2022, 10, e227-e235.	6.3	16
5	Clinical characteristics, physiological features, and outcomes associated with hypercapnia in patients with acute hypoxemic respiratory failure due to COVID-19 – Insights from the PRoVENT-COVID study. <i>Journal of Critical Care</i> , 2022, 69, 154022.	2.2	9
6	Effect of Automated Closed-loop ventilation versus conventional Ventilation on duration and quality of ventilation in critically ill patients (ACTIVE) – study protocol of a randomized clinical trial. <i>Trials</i> , 2022, 23, 348.	1.6	4
7	Myocardial Function during Ventilation with Lower versus Higher Positive End-Expiratory Pressure in Patients without ARDS. <i>Journal of Clinical Medicine</i> , 2022, 11, 2309.	2.4	1
8	Low tidal volume ventilation is associated with mortality in COVID-19 patients – Insights from the PRoVENT-COVID study. <i>Journal of Critical Care</i> , 2022, 70, 154047.	2.2	6
9	Abnormal Right Ventricular Myocardial Performance Index Is Not Associated With Outcomes in Invasively Ventilated Intensive Care Unit Patients Without Acute Respiratory Distress Syndrome – Post hoc Analysis of Two RCTs. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, .	2.4	0
10	Ventilation management and clinical outcomes in invasively ventilated patients with COVID-19 (PRoVENT-COVID): a national, multicentre, observational cohort study. <i>Lancet Respiratory Medicine</i> , 2021, 9, 139-148.	10.7	206
11	Continuous cuff pressure control: More high-quality evidence is needed. <i>Nursing in Critical Care</i> , 2021, 26, 13-13.	2.3	1
12	Epidemiological Characteristics, Ventilator Management, and Clinical Outcome in Patients Receiving Invasive Ventilation in Intensive Care Units from 10 Asian Middle-Income Countries (PRoVENT-iMiC): An International, Multicenter, Prospective Study. <i>American Journal of Tropical Medicine and Hygiene</i> , 2021, .	1.4	18
13	Instrumental dead space in ventilator management – Authors' reply. <i>Lancet Respiratory Medicine</i> , 2021, 9, e23.	10.7	4
14	Associations of Body Mass Index with Ventilation Management and Clinical Outcomes in Invasively Ventilated Patients with ARDS Related to COVID-19 – Insights from the PRoVENT-COVID Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 1176.	2.4	16
15	Ventilation management in acute respiratory failure related to COVID-19 versus ARDS from another origin – a descriptive narrative review. <i>Expert Review of Respiratory Medicine</i> , 2021, 15, 1013-1023.	2.5	2
16	Practice of adjunctive treatments in critically ill COVID-19 patients – rational for the multicenter observational PRoAcT-COVID study in The Netherlands. <i>Annals of Translational Medicine</i> , 2021, 9, 813-813.	1.7	6
17	Clinical features and prognostic factors in Covid-19: A prospective cohort study. <i>EBioMedicine</i> , 2021, 67, 103378.	6.1	79
18	Intramuscular adipose tissue at level Th12 is associated with survival in COVID-19. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2021, 12, 823-827.	7.3	15

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19	Dead space estimates may not be independently associated with 28-day mortality in COVID-19 ARDS. <i>Critical Care</i> , 2021, 25, 171.	5.8	20
20	Effects of Lung Ultrasonography-Guided Management on Cumulative Fluid Balance and Other Clinical Outcomes: A Systematic Review. <i>Ultrasound in Medicine and Biology</i> , 2021, 47, 1163-1171.	1.5	5
21	Head-to-head validation of six immunoassays for SARS-CoV-2 in hospitalized patients. <i>Journal of Clinical Virology</i> , 2021, 139, 104821.	3.1	10
22	Assessment of Lung Reaeration at 2 Levels of Positive End-expiratory Pressure in Patients With Early and Late COVID-19-related Acute Respiratory Distress Syndrome. <i>Journal of Thoracic Imaging</i> , 2021, 36, 286-293.	1.5	10
23	Effectiveness, safety and efficacy of INTELLiVENT [®] adaptive support ventilation, a closed [®] loop ventilation mode for use in ICU patients [®] a systematic review. <i>Expert Review of Respiratory Medicine</i> , 2021, 15, 1403-1413.	2.5	10
24	Airway Care Interventions for Invasively Ventilated Critically Ill Adults [®] A Dutch National Survey. <i>Journal of Clinical Medicine</i> , 2021, 10, 3381.	2.4	3
25	Association of early positive end-expiratory pressure settings with ventilator-free days in patients with coronavirus disease 2019 acute respiratory distress syndrome. <i>European Journal of Anaesthesiology</i> , 2021, Publish Ahead of Print, 1274-1283.	1.7	7
26	Association of intensity of ventilation with 28-day mortality in COVID-19 patients with acute respiratory failure: insights from the PROVENT-COVID study. <i>Critical Care</i> , 2021, 25, 283.	5.8	22
27	Sedation in critically ill patients: will the vaporiser replace the syringe?. <i>Lancet Respiratory Medicine</i> , 2021, 9, 1205-1207.	10.7	4
28	Ultrasound versus Computed Tomography Assessment of Focal Lung Aeration in Invasively Ventilated ICU Patients. <i>Ultrasound in Medicine and Biology</i> , 2021, 47, 2589-2597.	1.5	10
29	Battling COVID-19-related mortality: from a fight for ventilators to a cry for oxygen. <i>Lancet Respiratory Medicine</i> , 2021, 9, 939-941.	10.7	7
30	Mortality associated with early changes in ARDS severity in COVID [®] 19 patients [®] Insights from the PROVENT [®] COVID study. <i>Journal of Critical Care</i> , 2021, 65, 237-245.	2.2	4
31	Definition and incidence of hypotension in intensive care unit patients, an international survey of the European Society of Intensive Care Medicine. <i>Journal of Critical Care</i> , 2021, 65, 142-148.	2.2	14
32	Incidence and Practice of Early Prone Positioning in Invasively Ventilated COVID-19 Patients [®] Insights from the PROVENT-COVID Observational Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 4783.	2.4	18
33	Longitudinal respiratory subphenotypes in patients with COVID-19-related acute respiratory distress syndrome: results from three observational cohorts. <i>Lancet Respiratory Medicine</i> , 2021, 9, 1377-1386.	10.7	71
34	Effect of INTELLiVENT-ASV versus Conventional Ventilation on Ventilation Intensity in Patients with COVID-19 ARDS [®] An Observational Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 5409.	2.4	11
35	Association of Time [®] Varying Intensity of Ventilation With Mortality in Patients With COVID [®] 19 ARDS: Secondary Analysis of the PROVENT [®] COVID Study. <i>Frontiers in Medicine</i> , 2021, 8, 725265.	2.6	5
36	The Prognostic Capacity of the Radiographic Assessment for Lung Edema Score in Patients With COVID-19 Acute Respiratory Distress Syndrome [®] An International Multicenter Observational Study. <i>Frontiers in Medicine</i> , 2021, 8, 772056.	2.6	9

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37	Sex Differences in Use of Low Tidal Volume Ventilation in COVID-19—Insights From the PRoVENT—COVID Study. <i>Frontiers in Medicine</i> , 2021, 8, 780005.	2.6	3
38	Anti-C5a antibody IFX-1 (vilobelimab) treatment versus best supportive care for patients with severe COVID-19 (PANAMO): an exploratory, open-label, phase 2 randomised controlled trial. <i>Lancet Rheumatology</i> , The, 2020, 2, e764-e773.	3.9	148
39	PRactice of VENTilation in Patients with Novel Coronavirus Disease (PRoVENT-COVID): rationale and protocol for a national multicenter observational study in The Netherlands. <i>Annals of Translational Medicine</i> , 2020, 8, 1251-1251.	1.7	24
40	Effect of a Lower vs Higher Positive End-Expiratory Pressure Strategy on Ventilator-Free Days in ICU Patients Without ARDS. <i>JAMA - Journal of the American Medical Association</i> , 2020, 324, 2509.	7.4	41
41	The use of mechanical insufflation-exsufflation in invasively ventilated critically ill adults: a scoping review protocol. <i>Systematic Reviews</i> , 2020, 9, 287.	5.3	7
42	Subphenotyping Acute Respiratory Distress Syndrome in Patients with COVID-19: Consequences for Ventilator Management. <i>Annals of the American Thoracic Society</i> , 2020, 17, 1161-1163.	3.2	79
43	Mucoactive agents for acute respiratory failure in the critically ill: a systematic review and meta-analysis. <i>Thorax</i> , 2020, 75, 623-631.	5.6	9
44	The predictive validity for mortality of the driving pressure and the mechanical power of ventilation. <i>Intensive Care Medicine Experimental</i> , 2020, 8, 60.	1.9	5
45	Effect of routine vs on-demand nebulization of acetylcysteine with salbutamol on accumulation of airway secretions in endotracheal tubes: substudy of a randomized clinical trial. <i>Intensive Care Medicine Experimental</i> , 2020, 8, 71.	1.9	1
46	Associations between changes in oxygenation, dead space and driving pressure induced by the first prone position session and mortality in patients with acute respiratory distress syndrome. <i>Journal of Thoracic Disease</i> , 2019, 11, 5004-5013.	1.4	15
47	Effect of On-Demand vs Routine Nebulization of Acetylcysteine With Salbutamol on Ventilator-Free Days in Intensive Care Unit Patients Receiving Invasive Ventilation. <i>JAMA - Journal of the American Medical Association</i> , 2018, 319, 993.	7.4	22
48	PRactice of VENTilation in Middle-Income Countries (PRoVENT-iMIC): rationale and protocol for a prospective international multicentre observational study in intensive care units in Asia. <i>BMJ Open</i> , 2018, 8, e020841.	1.9	14
49	Preventing mucus plugging in invasively ventilated intensive care unit patients—routine or personalized care and “primum non nocere”. <i>Journal of Thoracic Disease</i> , 2018, 10, E817-E818.	1.4	4
50	RELAX—REstricted versus Liberal positive end-expiratory pressure in patients without ARDS: protocol for a randomized controlled trial. <i>Trials</i> , 2018, 19, 272.	1.6	15
51	Effects of peep on lung injury, pulmonary function, systemic circulation and mortality in animals with uninjured lungs—a systematic review. <i>Annals of Translational Medicine</i> , 2018, 6, 25-25.	1.7	18
52	A flowchart for building evidence-based care bundles in intensive care: based on a systematic review. <i>International Journal for Quality in Health Care</i> , 2017, 29, 163-175.	1.8	19
53	Timely individual audit and feedback significantly improves transfusion bundle compliance—a comparative study. <i>International Journal for Quality in Health Care</i> , 2016, 28, 601-607.	1.8	14
54	Guideline implementation powered by feedback and education improves manual hyperinflation performance. <i>Nursing in Critical Care</i> , 2016, 21, 36-43.	2.3	5

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55	Associations between positive end-expiratory pressure and outcome of patients without ARDS at onset of ventilation: a systematic review and meta-analysis of randomized controlled trials. <i>Annals of Intensive Care</i> , 2016, 6, 109.	4.6	33
56	Implementation of a transfusion bundle reduces inappropriate red blood cell transfusions in intensive care – a before and after study. <i>Transfusion Medicine</i> , 2016, 26, 432-439.	1.1	16
57	Preventive nebulization of mucolytic agents and bronchodilating drugs in invasively ventilated intensive care unit patients (NEBULAE): study protocol for a randomized controlled trial. <i>Trials</i> , 2015, 16, 389.	1.6	9
58	From the Dark Side of Ventilation Toward a Brighter Look at Lungs*. <i>Critical Care Medicine</i> , 2013, 41, 1376-1377.	0.9	2
59	Transfusion-related acute lung injury in cardiac surgery patients is characterized by pulmonary inflammation and coagulopathy. <i>Critical Care Medicine</i> , 2012, 40, 2813-2820.	0.9	68
60	Benefits and risks of manual hyperinflation in intubated and mechanically ventilated intensive care unit patients: a systematic review. <i>Critical Care</i> , 2012, 16, R145.	5.8	66
61	Correction of subclinical coagulation disorders before percutaneous dilatational tracheotomy. <i>Blood Transfusion</i> , 2012, 10, 213-20.	0.4	18
62	Manual hyperinflation: Positive end-expiratory pressure to recruit or rapid release for clearance of airway secretions?. <i>Heart and Lung: Journal of Acute and Critical Care</i> , 2011, 40, 270-271.	1.6	4
63	Manual hyperinflation partly prevents reductions of functional residual capacity in cardiac surgical patients - a randomized controlled trial. <i>Critical Care</i> , 2011, 15, R187.	5.8	22
64	The incidence, risk factors, and outcome of transfusion-related acute lung injury in a cohort of cardiac surgery patients: a prospective nested case-control study. <i>Blood</i> , 2011, 117, 4218-4225.	1.4	190
65	Adaptive Support Ventilation May Deliver Unwanted Respiratory Rate-Tidal Volume Combinations in Patients with Acute Lung Injury Ventilated According to an Open Lung Concept. <i>Anesthesiology</i> , 2011, 114, 1138-1143.	2.5	21
66	Adaptive Support Ventilation: A Translational Study Evaluating the Size of Delivered Tidal Volumes. <i>International Journal of Artificial Organs</i> , 2010, 33, 302-309.	1.4	13
67	Ventilation with lower tidal volumes as compared with conventional tidal volumes for patients without acute lung injury: a preventive randomized controlled trial. <i>Critical Care</i> , 2010, 14, R1.	5.8	416
68	Adaptive Support Ventilation with Protocolized De-Escalation and Escalation Does Not Accelerate Tracheal Extubation of Patients After Nonfast-Track Cardiothoracic Surgery. <i>Anesthesia and Analgesia</i> , 2010, 111, 961-967.	2.2	14
69	Adaptive support ventilation: a translational study evaluating the size of delivered tidal volumes. <i>International Journal of Artificial Organs</i> , 2010, 33, 302-9.	1.4	5
70	Manual hyperinflation is associated with a low rate of adverse events when performed by experienced and trained nurses in stable critically ill patients—a prospective observational study. <i>Minerva Anestesiologica</i> , 2010, 76, 1036-42.	1.0	4
71	Manual hyperinflation of intubated and mechanically ventilated patients in Dutch intensive care units—A survey into current practice and knowledge. <i>Intensive and Critical Care Nursing</i> , 2009, 25, 199-207.	2.9	25
72	Weaning Automation with Adaptive Support Ventilation: A Randomized Controlled Trial in Cardiothoracic Surgery Patients. <i>Anesthesia and Analgesia</i> , 2009, 108, 565-571.	2.2	59

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73	Performance of manual hyperinflation: a skills lab study among trained intensive care unit nurses. Medical Science Monitor, 2009, 15, CR418-22.	1.1	7
74	Medical-Grade Honey Kills Antibiotic-Resistant Bacteria In Vitro and Eradicates Skin Colonization. Clinical Infectious Diseases, 2008, 46, 1677-1682.	5.8	103
75	The influence of body composition on therapeutic hypothermia: a prospective observational study of patients after cardiac arrest. Critical Care, 2008, 12, R87.	5.8	9
76	Bagging—An (early) harmful or (late) beneficial maneuver?*. Critical Care Medicine, 2008, 36, 3278-3279.	0.9	2