

# Arnaud W Thille

## List of Publications by Year in descending order

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Version: 2024-02-01

72  
papers

9,185  
citations

94433

37  
h-index

88630

70  
g-index

73  
all docs

73  
docs citations

73  
times ranked

6149  
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Flow Oxygen through Nasal Cannula in Acute Hypoxemic Respiratory Failure. <i>New England Journal of Medicine</i> , 2015, 372, 2185-2196.	27.0	1,685
2	Evolution of Mortality over Time in Patients Receiving Mechanical Ventilation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 188, 220-230.	5.6	999
3	Patient-ventilator asynchrony during assisted mechanical ventilation. <i>Intensive Care Medicine</i> , 2006, 32, 1515-1522.	8.2	742
4	Outcomes of extubation failure in medical intensive care unit patients*. <i>Critical Care Medicine</i> , 2011, 39, 2612-2618.	0.9	391
5	Failure of Noninvasive Ventilation for De Novo Acute Hypoxemic Respiratory Failure. <i>Critical Care Medicine</i> , 2016, 44, 282-290.	0.9	363
6	The Decision to Extubate in the Intensive Care Unit. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 187, 1294-1302.	5.6	353
7	Comparison of the Berlin Definition for Acute Respiratory Distress Syndrome with Autopsy. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 187, 761-767.	5.6	340
8	Diaphragm ultrasonography to estimate the work of breathing during non-invasive ventilation. <i>Intensive Care Medicine</i> , 2012, 38, 796-803.	8.2	284
9	Awake prone positioning for COVID-19 acute hypoxaemic respiratory failure: a randomised, controlled, multinational, open-label meta-trial. <i>Lancet Respiratory Medicine</i> , 2021, 9, 1387-1395.	10.7	259
10	Chronology of histological lesions in acute respiratory distress syndrome with diffuse alveolar damage: a prospective cohort study of clinical autopsies. <i>Lancet Respiratory Medicine</i> , 2013, 1, 395-401.	10.7	228
11	Reduction of patient-ventilator asynchrony by reducing tidal volume during pressure-support ventilation. <i>Intensive Care Medicine</i> , 2008, 34, 1477-1486.	8.2	223
12	Effect of Postextubation High-Flow Nasal Oxygen With Noninvasive Ventilation vs High-Flow Nasal Oxygen Alone on Reintubation Among Patients at High Risk of Extubation Failure. <i>JAMA - Journal of the American Medical Association</i> , 2019, 322, 1465.	7.4	188
13	Patient-Ventilator Asynchrony During Noninvasive Ventilation. <i>Chest</i> , 2012, 142, 367-376.	0.8	181
14	Non-invasive ventilation for acute hypoxemic respiratory failure: intubation rate and risk factors. <i>Critical Care</i> , 2013, 17, R269.	5.8	172
15	Fungal infections in mechanically ventilated patients with COVID-19 during the first wave: the French multicentre MYCOVID study. <i>Lancet Respiratory Medicine</i> , 2022, 10, 180-190.	10.7	161
16	Sequential Application of Oxygen Therapy Via High-Flow Nasal Cannula and Noninvasive Ventilation in Acute Respiratory Failure: An Observational Pilot Study. <i>Respiratory Care</i> , 2015, 60, 170-178.	1.6	158
17	Predictors of Intubation in Patients With Acute Hypoxemic Respiratory Failure Treated With a Noninvasive Oxygenation Strategy*. <i>Critical Care Medicine</i> , 2018, 46, 208-215.	0.9	158
18	Risk Factors for and Prediction by Caregivers of Extubation Failure in ICU Patients. <i>Critical Care Medicine</i> , 2015, 43, 613-620.	0.9	153

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19	Poor sleep quality is associated with late noninvasive ventilation failure in patients with acute hypercapnic respiratory failure*. <i>Critical Care Medicine</i> , 2010, 38, 477-485.	0.9	147
20	Physiological comparison of three spontaneous breathing trials in difficult-to-wean patients. <i>Intensive Care Medicine</i> , 2010, 36, 1171-1179.	8.2	143
21	A new classification for sleep analysis in critically ill patients. <i>Sleep Medicine</i> , 2012, 13, 7-14.	1.6	129
22	Weaning from the ventilator and extubation in ICU. <i>Current Opinion in Critical Care</i> , 2013, 19, 57-64.	3.2	126
23	Sleep quality in mechanically ventilated patients: Comparison of three ventilatory modes. <i>Critical Care Medicine</i> , 2008, 36, 1749-1755.	0.9	123
24	ERS clinical practice guidelines: high-flow nasal cannula in acute respiratory failure. <i>European Respiratory Journal</i> , 2022, 59, 2101574.	6.7	110
25	Inability of Diaphragm Ultrasound to Predict Extubation Failure. <i>Chest</i> , 2019, 155, 1131-1139.	0.8	105
26	A bench study of intensive-care-unit ventilators: new versus old and turbine-based versus compressed gas-based ventilators. <i>Intensive Care Medicine</i> , 2009, 35, 1368-1376.	8.2	103
27	High-flow nasal oxygen therapy and noninvasive ventilation in the management of acute hypoxemic respiratory failure. <i>Annals of Translational Medicine</i> , 2017, 5, 297-297.	1.7	91
28	High-flow nasal cannula oxygen therapy versus noninvasive ventilation in immunocompromised patients with acute respiratory failure: an observational cohort study. <i>Annals of Intensive Care</i> , 2016, 6, 45.	4.6	85
29	Experts'™ guidelines of intubation and extubation of the ICU patient of French Society of Anaesthesia and Intensive Care Medicine (SFAR) and French-speaking Intensive Care Society (SRLF). <i>Annals of Intensive Care</i> , 2019, 9, 13.	4.6	83
30	Acute respiratory distress syndrome in patients with and without diffuse alveolar damage: an autopsy study. <i>Intensive Care Medicine</i> , 2015, 41, 1921-1930.	8.2	81
31	Easily identified at-risk patients for extubation failure may benefit from noninvasive ventilation: a prospective before-after study. <i>Critical Care</i> , 2016, 20, 48.	5.8	65
32	Noninvasive Ventilation for Acute Hypercapnic Respiratory Failure: Intubation Rate in an Experienced Unit. <i>Respiratory Care</i> , 2013, 58, 2045-2052.	1.6	61
33	Bedside Adjustment of Proportional Assist Ventilation to Target a Predefined Range of Respiratory Effort*. <i>Critical Care Medicine</i> , 2013, 41, 2125-2132.	0.9	59
34	Management and outcome of mechanically ventilated patients after cardiac arrest. <i>Critical Care</i> , 2015, 19, 215.	5.8	54
35	Posaconazole for prevention of invasive pulmonary aspergillosis in critically ill influenza patients (POSA-FLU): a randomised, open-label, proof-of-concept trial. <i>Intensive Care Medicine</i> , 2021, 47, 674-686.	8.2	49
36	Impact of sleep alterations on weaning duration in mechanically ventilated patients: a prospective study. <i>European Respiratory Journal</i> , 2018, 51, 1702465.	6.7	48

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37	Early Identification of Acute Respiratory Distress Syndrome in the Absence of Positive Pressure Ventilation: Implications for Revision of the Berlin Criteria for Acute Respiratory Distress Syndrome. <i>Critical Care Medicine</i> , 2018, 46, 540-546.	0.9	42
38	Discontinuation of ventilatory support. <i>Current Opinion in Critical Care</i> , 2015, 21, 74-81.	3.2	37
39	Reliability of methods to estimate the fraction of inspired oxygen in patients with acute respiratory failure breathing through non-rebreather reservoir bag oxygen mask. <i>Thorax</i> , 2020, 75, 805-807.	5.6	36
40	Prediction of extubation outcome in critically ill patients: a systematic review and meta-analysis. <i>Critical Care</i> , 2021, 25, 391.	5.8	35
41	Impact of Sleep Deprivation on Respiratory Motor Output and Endurance. A Physiological Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 201, 976-983.	5.6	34
42	Role of ICU-acquired weakness on extubation outcome among patients at high risk of reintubation. <i>Critical Care</i> , 2020, 24, 86.	5.8	34
43	Beneficial Effects of Noninvasive Ventilation after Extubation in Obese or Overweight Patients: A Post Hoc Analysis of a Randomized Clinical Trial. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 205, 440-449.	5.6	33
44	High-flow nasal oxygen alone or alternating with non-invasive ventilation in critically ill immunocompromised patients with acute respiratory failure: a randomised controlled trial. <i>Lancet Respiratory Medicine</i> , 2022, 10, 641-649.	10.7	29
45	Predictors of diffuse alveolar damage in patients with acute respiratory distress syndrome: a retrospective analysis of clinical autopsies. <i>Critical Care</i> , 2017, 21, 254.	5.8	22
46	High prevalence of sleep apnea syndrome in patients admitted to ICU for acute hypercapnic respiratory failure: a preliminary study. <i>Intensive Care Medicine</i> , 2018, 44, 267-269.	8.2	20
47	Pressure-Support Ventilation vs $\hat{A}T$ -Piece During Spontaneous Breathing Trials Before Extubation Among Patients at High Risk of Extubation Failure. <i>Chest</i> , 2020, 158, 1446-1455.	0.8	17
48	Evolution Over Time of Ventilatory Management and Outcome of Patients With Neurologic Disease*. <i>Critical Care Medicine</i> , 2021, 49, 1095-1106.	0.9	17
49	High-flow nasal cannula oxygen therapy alone or with non-invasive ventilation during the weaning period after extubation in ICU: the prospective randomised controlled HIGH-WEAN protocol. <i>BMJ Open</i> , 2018, 8, e023772.	1.9	13
50	Is immunosuppression status a risk factor for noninvasive ventilation failure in patients with acute hypoxemic respiratory failure? A post hoc matched analysis. <i>Annals of Intensive Care</i> , 2019, 9, 90.	4.6	10
51	Non-invasive ventilation alternating with high-flow nasal oxygen versus high-flow nasal oxygen alone after extubation in COPD patients: a post hoc analysis of a randomized controlled trial. <i>Annals of Intensive Care</i> , 2021, 11, 30.	4.6	10
52	Noninvasive ventilation versus oxygen therapy in patients with acute respiratory failure. <i>Current Opinion in Anaesthesiology</i> , 2019, 32, 150-155.	2.0	9
53	Double triggering during assisted mechanical ventilation: Is it a controlled, auto-triggered or patient-triggered cycle? Reply to C.-W. Chen. <i>Intensive Care Medicine</i> , 2007, 33, 744-745.	8.2	7
54	Trends in use and benefits of non-invasive ventilation as first-line therapy in acute respiratory failure. <i>Intensive Care Medicine</i> , 2014, 40, 1179-1180.	8.2	7

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55	T-piece versus pressure-support ventilation for spontaneous breathing trials before extubation in patients at high risk of reintubation: protocol for a multicentre, randomised controlled trial (TIP-EX). <i>BMJ Open</i> , 2020, 10, e042619.	1.9	7
56	Inhaled (inhaled sedation in ICU) trial protocol: a multicentre randomised open-label trial. <i>BMJ Open</i> , 2021, 11, e042284.	1.9	7
57	Role of sleep on respiratory failure after extubation in the ICU. <i>Annals of Intensive Care</i> , 2021, 11, 71.	4.6	7
58	Non-invasive ventilation versus high-flow nasal oxygen for postextubation respiratory failure in ICU: a post-hoc analysis of a randomized clinical trial. <i>Critical Care</i> , 2021, 25, 221.	5.8	7
59	Does the Berlin definition for acute respiratory distress syndrome predict the presence of diffuse alveolar damage?. <i>Intensive Care Medicine</i> , 2015, 41, 342-344.	8.2	6
60	Early Identification and Diagnostic Approach in Acute Respiratory Distress Syndrome (ARDS). <i>Diagnostics</i> , 2021, 11, 2307.	2.6	6
61	Ten reasons to be more attentive to patients when setting the ventilator. <i>Intensive Care Medicine</i> , 2016, 42, 572-575.	8.2	5
62	Noninvasive ventilation as acute therapy. <i>Current Opinion in Critical Care</i> , 2018, 24, 519-524.	3.2	5
63	Could Noninvasive Ventilation Failure Rates Be Underestimated in the LUNG SAFE Study?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 196, 395-396.	5.6	4
64	Diagnostic accuracy of portable chest radiograph in mechanically ventilated patients when compared with autopsy findings. <i>Journal of Critical Care</i> , 2020, 60, 6-9.	2.2	4
65	Does Prophylactic Use of High-Flow Nasal Cannula in the Immediate Postoperative Period Actually Decrease the Risk of Intubation?. <i>Chest</i> , 2021, 159, 2113-2114.	0.8	4
66	Noninvasive ventilation and high-flow nasal oxygen for acute respiratory failure: is less more?. <i>Current Opinion in Critical Care</i> , 2021, 27, 60-65.	3.2	2
67	Incidence of shoulder injuries after generalized tonic-clonic seizure admitted to intensive care. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2014, 23, 84-85.	2.0	1
68	Comment rationaliser une Ã©preuve de sevrage en rÃ©animation. <i>AnesthÃ©sie &amp; RÃ©animation</i> , 2018, 4, 175-179.	0.1	1
69	Oxygenation strategies after extubation of critically ill and postoperative patients. <i>Journal of Intensive Medicine</i> , 2021, , .	2.1	1
70	Strategies to Avoid Extubation Failure Among ICU Patientsâ€”Reply. <i>JAMA - Journal of the American Medical Association</i> , 2020, 323, 892.	7.4	0
71	High-flow nasal cannula oxygen therapy. , 0, , 171-185.		0
72	Reply to : A Physiological Hypothesis to Support the Use of CPAP at Extubation Among Patients with Obesity. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, , .	5.6	0