

Alain Mercat

List of Publications by Year in Descending Order

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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.

43
papers

12,516
citations

29
h-index

48
g-index

48
ext. papers

16,403
ext. citations

17.8
avg, IF

5.73
L-index

#	Paper	IF	Citations
43	Early prone positioning in acute respiratory distress syndrome related to COVID-19: a propensity score analysis from the multicentric cohort COVID-ICU network-the ProneCOVID study.. <i>Critical Care</i> , 2022 , 26, 71	10.8	0
42	High flow nasal cannula improves breathing efficiency and ventilatory ratio in COPD patients recovering from an exacerbation.. <i>Journal of Critical Care</i> , 2022 , 69, 154023	4	0
41	Extracorporeal life support in COVID-19-related acute respiratory distress syndrome: A EuroELSO international survey. <i>Artificial Organs</i> , 2021 , 45, 495-505	2.6	9
40	Continuous positive airway pressure for respiratory support during COVID-19 pandemic: a frugal approach from bench to bedside. <i>Annals of Intensive Care</i> , 2021 , 11, 38	8.9	7
39	Longitudinal changes in compliance, oxygenation and ventilatory ratio in COVID-19 versus non-COVID-19 pulmonary acute respiratory distress syndrome. <i>Critical Care</i> , 2021 , 25, 248	10.8	5
38	Response to Ventilator Adjustments for Predicting Acute Respiratory Distress Syndrome Mortality. Driving Pressure versus Oxygenation. <i>Annals of the American Thoracic Society</i> , 2021 , 18, 857-864	4.7	6
37	Ventilatory Variables and Mechanical Power in Patients with Acute Respiratory Distress Syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021 , 204, 303-311	10.2	30
36	Lung- and Diaphragm-Protective Ventilation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 202, 950-961	10.2	61
35	Effect of Intravenous Interferon β 1a on Death and Days Free From Mechanical Ventilation Among Patients With Moderate to Severe Acute Respiratory Distress Syndrome: A Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2020 , 323, 725-733	27.4	59
34	Mechanical Ventilation for Acute Respiratory Distress Syndrome during Extracorporeal Life Support. Research and Practice. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 201, 514-525	10.2	50
33	The role for high flow nasal cannula as a respiratory support strategy in adults: a clinical practice guideline. <i>Intensive Care Medicine</i> , 2020 , 46, 2226-2237	14.5	55
32	Information conveyed by electrical diaphragmatic activity during unstressed, stressed and assisted spontaneous breathing: a physiological study. <i>Annals of Intensive Care</i> , 2019 , 9, 89	8.9	19
31	Acute respiratory distress syndrome. <i>Nature Reviews Disease Primers</i> , 2019 , 5, 18	51.1	670
30	Formal guidelines: management of acute respiratory distress syndrome. <i>Annals of Intensive Care</i> , 2019 , 9, 69	8.9	245
29	ECMO for ARDS: from salvage to standard of care?. <i>Lancet Respiratory Medicine</i> , 2019 , 7, 108-110	35.1	54
28	Research in Extracorporeal Life Support: A Call to Action. <i>Chest</i> , 2018 , 153, 788-791	5.3	21
27	Six-Month Outcome of Immunocompromised Patients with Severe Acute Respiratory Distress Syndrome Rescued by Extracorporeal Membrane Oxygenation. An International Multicenter Retrospective Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 197, 1297-1307	10.2	62

26	Approaches and techniques to avoid development or progression of acute respiratory distress syndrome. <i>Current Opinion in Critical Care</i> , 2018 , 24, 10-15	3.5	3
25	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	1.4	90
24	Effect on comfort of administering bubble-humidified or dry oxygen: the Oxyrea non-inferiority randomized study. <i>Annals of Intensive Care</i> , 2018 , 8, 126	8.9	3
23	Extracorporeal Membrane Oxygenation for Severe Acute Respiratory Distress Syndrome. <i>New England Journal of Medicine</i> , 2018 , 378, 1965-1975	59.2	940
22	Hyperoxia and hypertonic saline in patients with septic shock (HYPER2S): a two-by-two factorial, multicentre, randomised, clinical trial. <i>Lancet Respiratory Medicine</i> , 2017 , 5, 180-190	35.1	113
21	Fifty Years of Research in ARDS. Gas Exchange in Acute Respiratory Distress Syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 196, 964-984	10.2	62
20	Respiratory support in patients with acute respiratory distress syndrome: an expert opinion. <i>Critical Care</i> , 2017 , 21, 240	10.8	62
19	Effect of non-invasive oxygenation strategies in immunocompromised patients with severe acute respiratory failure: a post-hoc analysis of a randomised trial. <i>Lancet Respiratory Medicine</i> , 2016 , 4, 646-652	35.1	137
18	Multivariable fractional polynomial interaction to investigate continuous effect modifiers in a meta-analysis on higher versus lower PEEP for patients with ARDS. <i>BMJ Open</i> , 2016 , 6, e011148	3	9
17	High-flow oxygen through nasal cannula in acute hypoxemic respiratory failure. <i>New England Journal of Medicine</i> , 2015 , 372, 2185-96	59.2	1143
16	Skin antisepsis with chlorhexidine-alcohol versus povidone iodine-alcohol, with and without skin scrubbing, for prevention of intravascular-catheter-related infection (CLEAN): an open-label, multicentre, randomised, controlled, two-by-two factorial trial. <i>Lancet, The</i> , 2015 , 386, 2069-2077	40	177
15	Driving pressure and survival in the acute respiratory distress syndrome. <i>New England Journal of Medicine</i> , 2015 , 372, 747-55	59.2	1227
14	Position paper for the organization of extracorporeal membrane oxygenation programs for acute respiratory failure in adult patients. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014 , 190, 488-96	10.2	290
13	Amount of care per survivor in young and older patients hospitalized in intensive care unit: a retrospective study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2014 , 69, 1291-8	6.4	2
12	High versus low blood-pressure target in patients with septic shock. <i>New England Journal of Medicine</i> , 2014 , 370, 1583-93	59.2	637
11	Oxygenation response to positive end-expiratory pressure predicts mortality in acute respiratory distress syndrome. A secondary analysis of the LOVS and ExPress trials. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014 , 190, 70-6	10.2	124
10	Noninvasive mechanical ventilation in patients having declined tracheal intubation. <i>Intensive Care Medicine</i> , 2013 , 39, 292-301	14.5	97
9	Extracorporeal membrane oxygenation for pandemic influenza A(H1N1)-induced acute respiratory distress syndrome: a cohort study and propensity-matched analysis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013 , 187, 276-85	10.2	343

8	Prone positioning in severe acute respiratory distress syndrome. <i>New England Journal of Medicine</i> , 2013 , 368, 2159-68	59.2	2085
7	Interest of a simple on-line screening registry for measuring ICU burden related to an influenza pandemic. <i>Critical Care</i> , 2012 , 16, R118	10.8	13
6	Accuracy and precision of end-expiratory lung-volume measurements by automated nitrogen washout/washin technique in patients with acute respiratory distress syndrome. <i>Critical Care</i> , 2011 , 15, R294	10.8	24
5	Early corticosteroids in severe influenza A/H1N1 pneumonia and acute respiratory distress syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011 , 183, 1200-6	10.2	241
4	Higher vs lower positive end-expiratory pressure in patients with acute lung injury and acute respiratory distress syndrome: systematic review and meta-analysis. <i>JAMA - Journal of the American Medical Association</i> , 2010 , 303, 865-73	27.4	845
3	Positive end-expiratory pressure setting in adults with acute lung injury and acute respiratory distress syndrome: a randomized controlled trial. <i>JAMA - Journal of the American Medical Association</i> , 2008 , 299, 646-55	27.4	792
2	Relation between respiratory changes in arterial pulse pressure and fluid responsiveness in septic patients with acute circulatory failure. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2000 , 162, 134-8	10.2	1567
1	Chlorhexidine compared with povidone-iodine as skin preparation before blood culture. A randomized, controlled trial. <i>Annals of Internal Medicine</i> , 1999 , 131, 834-7	8	122