Alain Mercat

List of Publications by Citations

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	Prone positioning in severe acute respiratory distress syndrome. *New England Journal of Medicine*, **2013**, 368, 2159-68	59.2	2085
42	Relation between respiratory changes in arterial pulse pressure and fluid responsiveness in septic patients with acute circulatory failure. *American Journal of Respiratory and Critical Care Medicine*, **2000**, 162, 134-8	10.2	1567
41	Driving pressure and survival in the acute respiratory distress syndrome. *New England Journal of Medicine*, **2015**, 372, 747-55	59.2	1227
40	High-flow oxygen through nasal cannula in acute hypoxemic respiratory failure. *New England Journal of Medicine*, **2015**, 372, 2185-96	59.2	1143
39	Extracorporeal Membrane Oxygenation for Severe Acute Respiratory Distress Syndrome. *New England Journal of Medicine*, **2018**, 378, 1965-1975	59.2	940
38	Higher vs lower positive end-expiratory pressure in patients with acute lung injury and acute respiratory distress syndrome: systematic review and meta-analysis. *JAMA - Journal of the American Medical Association*, **2010**, 303, 865-73	27.4	845
37	Positive end-expiratory pressure setting in adults with acute lung injury and acute respiratory distress syndrome: a randomized controlled trial. *JAMA - Journal of the American Medical Association*, **2008**, 299, 646-55	27.4	792
36	Acute respiratory distress syndrome. *Nature Reviews Disease Primers*, **2019**, 5, 18	51.1	670
35	High versus low blood-pressure target in patients with septic shock. *New England Journal of Medicine*, **2014**, 370, 1583-93	59.2	637
34	Extracorporeal membrane oxygenation for pandemic influenza A(H1N1)-induced acute respiratory distress syndrome: a cohort study and propensity-matched analysis. *American Journal of Respiratory and Critical Care Medicine*, **2013**, 187, 276-85	10.2	343
33	Position paper for the organization of extracorporeal membrane oxygenation programs for acute respiratory failure in adult patients. *American Journal of Respiratory and Critical Care Medicine*, **2014** , 190, 488-96	10.2	290
32	Formal guidelines: management of acute respiratory distress syndrome. *Annals of Intensive Care*, **2019**, 9, 69	8.9	245
31	Early corticosteroids in severe influenza A/H1N1 pneumonia and acute respiratory distress syndrome. *American Journal of Respiratory and Critical Care Medicine*, **2011**, 183, 1200-6	10.2	241
30	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. *Lancet, The*, **2015**, 386, 2069-2077	40	177
29	Effect of non-invasive oxygenation strategies in immunocompromised patients with severe acute respiratory failure: a post-hoc analysis of a randomised trial. *Lancet Respiratory Medicine,the*, **2016**, 4, 646-652	35.1	137
28	Oxygenation response to positive end-expiratory pressure predicts mortality in acute respiratory distress syndrome. A secondary analysis of the LOVS and ExPress trials. *American Journal of Respiratory and Critical Care Medicine*, **2014**, 190, 70-6	10.2	124
27	Chlorhexidine compared with povidone-iodine as skin preparation before blood culture. A randomized, controlled trial. *Annals of Internal Medicine*, **1999**, 131, 834-7	8	122

26	Hyperoxia and hypertonic saline in patients with septic shock (HYPERS2S): a two-by-two factorial, multicentre, randomised, clinical trial. *Lancet Respiratory Medicine,the*, **2017**, 5, 180-190	35.1	113
25	Noninvasive mechanical ventilation in patients having declined tracheal intubation. *Intensive Care Medicine*, **2013**, 39, 292-301	14.5	97
24	Predictors of Intubation in Patients With Acute Hypoxemic Respiratory Failure Treated With a Noninvasive Oxygenation Strategy. *Critical Care Medicine*, **2018**, 46, 208-215	1.4	90
23	Fifty Years of Research in ARDS. Gas Exchange in Acute Respiratory Distress Syndrome. *American Journal of Respiratory and Critical Care Medicine*, **2017**, 196, 964-984	10.2	62
22	Respiratory support in patients with acute respiratory distress syndrome: an expert opinion. *Critical Care*, **2017**, 21, 240	10.8	62
21	Six-Month Outcome of Immunocompromised Patients with Severe Acute Respiratory Distress Syndrome Rescued by Extracorporeal Membrane Oxygenation. An International Multicenter Retrospective Study. *American Journal of Respiratory and Critical Care Medicine*, **2018**, 197, 1297-1307	10.2	62
20	Lung- and Diaphragm-Protective Ventilation. *American Journal of Respiratory and Critical Care Medicine*, **2020**, 202, 950-961	10.2	61
19	Effect of Intravenous Interferon β1a on Death and Days Free From Mechanical Ventilation Among Patients With Moderate to Severe Acute Respiratory Distress Syndrome: A Randomized Clinical Trial. *JAMA - Journal of the American Medical Association*, **2020**, 323, 725-733	27.4	59
18	The role for high flow nasal cannula as a respiratory support strategy in adults: a clinical practice guideline. *Intensive Care Medicine*, **2020**, 46, 2226-2237	14.5	55
17	ECMO for ARDS: from salvage to standard of care?. *Lancet Respiratory Medicine,the*, **2019**, 7, 108-110	35.1	54
16	Mechanical Ventilation for Acute Respiratory Distress Syndrome during Extracorporeal Life Support. Research and Practice. *American Journal of Respiratory and Critical Care Medicine*, **2020**, 201, 514-525	10.2	50
15	Ventilatory Variables and Mechanical Power in Patients with Acute Respiratory Distress Syndrome. *American Journal of Respiratory and Critical Care Medicine*, **2021**, 204, 303-311	10.2	30
14	Accuracy and precision of end-expiratory lung-volume measurements by automated nitrogen washout/washin technique in patients with acute respiratory distress syndrome. *Critical Care*, **2011**, 15, R294	10.8	24
13	Research in Extracorporeal Life Support: A Call to Action. *Chest*, **2018**, 153, 788-791	5.3	21
12	Information conveyed by electrical diaphragmatic activity during unstressed, stressed and assisted spontaneous breathing: a physiological study. *Annals of Intensive Care*, **2019**, 9, 89	8.9	19
11	Interest of a simple on-line screening registry for measuring ICU burden related to an influenza pandemic. *Critical Care*, **2012**, 16, R118	10.8	13
10	Extracorporeal life support in COVID-19-related acute respiratory distress syndrome: A EuroELSO international survey. *Artificial Organs*, **2021**, 45, 495-505	2.6	9
9	Multivariable fractional polynomial interaction to investigate continuous effect modifiers in a meta-analysis on higher versus lower PEEP for patients with ARDS. *BMJ Open*, **2016**, 6, e011148	3	9

8	Continuous positive airway pressure for respiratory support during COVID-19 pandemic: a frugal approach from bench to bedside. *Annals of Intensive Care*, **2021**, 11, 38	8.9	7
7	Response to Ventilator Adjustments for Predicting Acute Respiratory Distress Syndrome Mortality. Driving Pressure versus Oxygenation. *Annals of the American Thoracic Society*, **2021**, 18, 857-864	4.7	6
6	Longitudinal changes in compliance, oxygenation and ventilatory ratio in COVID-19 versus non-COVID-19 pulmonary acute respiratory distress syndrome. *Critical Care*, **2021**, 25, 248	10.8	5
5	Approaches and techniques to avoid development or progression of acute respiratory distress syndrome. *Current Opinion in Critical Care*, **2018**, 24, 10-15	3.5	3
4	Effect on comfort of administering bubble-humidified or dry oxygen: the Oxyrea non-inferiority randomized study. *Annals of Intensive Care*, **2018**, 8, 126	8.9	3
3	Amount of care per survivor in young and older patients hospitalized in intensive care unit: a retrospective study. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2014**, 69, 1291-8	6.4	2
2	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.. *Critical Care*, **2022**, 26, 71	10.8	0
1	High flow nasal cannula improves breathing efficiency and ventilatory ratio in COPD patients recovering from an exacerbation.. *Journal of Critical Care*, **2022**, 69, 154023	4	0