

# Lise Piquilloud

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

2,141  
citations

430442

18  
h-index

395343

33  
g-index

39  
all docs

39  
docs citations

39  
times ranked

2556  
citing authors

#	ARTICLE	IF	CITATIONS
1	Noninvasive Ventilation of Patients with Acute Respiratory Distress Syndrome. Insights from the LUNG SAFE Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 67-77.	2.5	456
2	Esophageal and transpulmonary pressure in the clinical setting: meaning, usefulness and perspectives. <i>Intensive Care Medicine</i> , 2016, 42, 1360-1373.	3.9	352
3	Pulmonary function and radiological features 4 months after COVID-19: first results from the national prospective observational Swiss COVID-19 lung study. <i>European Respiratory Journal</i> , 2021, 57, 2003690.	3.1	291
4	Neurally adjusted ventilatory assist improves patientâ€“ventilator interaction. <i>Intensive Care Medicine</i> , 2011, 37, 263-271.	3.9	199
5	Expert consensus statements for the management of COVID-19-related acute respiratory failure using a Delphi method. <i>Critical Care</i> , 2021, 25, 106.	2.5	121
6	Geo-economic variations in epidemiology, patterns of care, and outcomes in patients with acute respiratory distress syndrome: insights from the LUNG SAFE prospective cohort study. <i>Lancet Respiratory Medicine</i> , 2017, 5, 627-638.	5.2	93
7	Airway Occlusion Pressure As an Estimate of Respiratory Drive and Inspiratory Effort during Assisted Ventilation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 201, 1086-1098.	2.5	91
8	Neurally adjusted ventilatory assist (NAVA) improves patientâ€“ventilator interaction during non-invasive ventilation delivered by face mask. <i>Intensive Care Medicine</i> , 2012, 38, 1624-1631.	3.9	88
9	Performance of noninvasive ventilation algorithms on ICU ventilators during pressure support: a clinical study. <i>Intensive Care Medicine</i> , 2010, 36, 2053-2059.	3.9	64
10	Patientâ€“Ventilator Asynchrony During Noninvasive Pressure Support Ventilation and Neurally Adjusted Ventilatory Assist in Infants and Children. <i>Pediatric Critical Care Medicine</i> , 2013, 14, e357-e364.	0.2	51
11	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.	2.2	28
12	Multisystem inflammatory syndrome with refractory cardiogenic shock due to acute myocarditis and mononeuritis multiplex after SARS-CoV-2 infection in an adult. <i>Swiss Medical Weekly</i> , 2020, 150, w20387.	0.8	27
13	Pyrrolidine dithiocarbamate administered during ex-vivo lung perfusion promotes rehabilitation of injured donor rat lungs obtained after prolonged warm ischemia. <i>PLoS ONE</i> , 2017, 12, e0173916.	1.1	26
14	NAVA enhances tidal volume and diaphragmatic electro-myographic activity matching: a Range90 analysis of supply and demand. <i>Journal of Clinical Monitoring and Computing</i> , 2013, 27, 61-70.	0.7	25
15	Pharmacological Reconditioning of Marginal Donor Rat Lungs Using Inhibitors of Peroxynitrite and Poly (ADP-ribose) Polymerase During Ex Vivo Lung Perfusion. <i>Transplantation</i> , 2016, 100, 1465-1473.	0.5	25
16	How to ventilate obstructive and asthmatic patients. <i>Intensive Care Medicine</i> , 2020, 46, 2436-2449.	3.9	25
17	Neonatal and Adult ICU Ventilators to Provide Ventilation in Neonates, Infants, and Children: A Bench Model Study. <i>Respiratory Care</i> , 2014, 59, 1463-1475.	0.8	23
18	A diaphragmatic electrical activity-based optimization strategy during pressure support ventilation improves synchronization but does not impact work of breathing. <i>Critical Care</i> , 2017, 21, 21.	2.5	20

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19	Treatment with 3-aminobenzamide during ex vivo lung perfusion of damaged rat lungs reduces graft injury and dysfunction after transplantation. <i>American Journal of Transplantation</i> , 2020, 20, 967-976.	2.6	16
20	Effects of cold or warm ischemia and ex-vivo lung perfusion on the release of damage associated molecular patterns and inflammatory cytokines in experimental lung transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2021, 40, 905-916.	0.3	15
21	Experimental ex vivo lung perfusion with sevoflurane: effects on damaged donor lung grafts. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2018, 26, 977-984.	0.5	14
22	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.	2.2	13
23	Frailty assessment for COVID-19 follow-up: a prospective cohort study. <i>BMJ Open Respiratory Research</i> , 2022, 9, e001227.	1.2	12
24	Infection control in the intensive care unit: expert consensus statements for SARS-CoV-2 using a Delphi method. <i>Lancet Infectious Diseases</i> , The, 2022, 22, e74-e87.	4.6	10
25	End-tidal carbon dioxide monitoring using a naso-buccal sensor is not appropriate to monitor capnia during non-invasive ventilation. <i>Annals of Intensive Care</i> , 2015, 5, 2.	2.2	9
26	Minimising haemodynamic lability during changeover of syringes infusing norepinephrine in adult critical care patients: a multicentre randomised controlled trial. <i>British Journal of Anaesthesia</i> , 2020, 125, 622-628.	1.5	9
27	Imposed Work of Breathing During High-Frequency Oscillatory Ventilation in Spontaneously Breathing Neonatal and Pediatric Models. <i>Respiratory Care</i> , 2018, 63, 1085-1093.	0.8	7
28	Assessment of a massive open online course (MOOC) incorporating interactive simulation videos on residents' knowledge retention regarding mechanical ventilation. <i>BMC Medical Education</i> , 2021, 21, 595.	1.0	7
29	Specific nutrition and metabolic characteristics of critically ill patients with persistent COVID-19. <i>Journal of Parenteral and Enteral Nutrition</i> , 2022, 46, 1149-1159.	1.3	7
30	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.	1.0	5
31	ARDS after Cardiac Surgery: Is It a Problem, a Problem of Definition, or Both?. <i>Respiration</i> , 2019, 97, 495-497.	1.2	4
32	Management of respiratory distress following prehospital implementation of noninvasive ventilation in a physician-staffed emergency medical service: a single-center retrospective study. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2021, 29, 85.	1.1	4
33	Proportional modes. , 2019, , 62-73.		2
34	Simple equations to predict the effects of veno-venous ECMO in decompensated Eisenmenger syndrome. <i>ESC Heart Failure</i> , 2021, 8, 1637-1642.	1.4	1
35	The HEV Ventilator: at the interface between particle physics and biomedical engineering. <i>Royal Society Open Science</i> , 2022, 9, 211519.	1.1	1