

Luciana Mascia

List of Publications by Citations

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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.

49
papers

4,632
citations

27
h-index

68
g-index

79
ext. papers

5,672
ext. citations

6.4
avg, IF

4.71
L-index

#	Paper	IF	Citations
49	Tidal hyperinflation during low tidal volume ventilation in acute respiratory distress syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007 , 175, 160-6	10.2	545
48	Cardiorespiratory effects of positive end-expiratory pressure during progressive tidal volume reduction (permissive hypercapnia) in patients with acute respiratory distress syndrome. <i>Anesthesiology</i> , 1995 , 83, 710-20	4.3	469
47	Tidal volume lower than 6 ml/kg enhances lung protection: role of extracorporeal carbon dioxide removal. <i>Anesthesiology</i> , 2009 , 111, 826-35	4.3	424
46	Effects of recruiting maneuvers in patients with acute respiratory distress syndrome ventilated with protective ventilatory strategy. <i>Anesthesiology</i> , 2002 , 96, 795-802	4.3	369
45	Early vs late tracheotomy for prevention of pneumonia in mechanically ventilated adult ICU patients: a randomized controlled trial. <i>JAMA - Journal of the American Medical Association</i> , 2010 , 303, 1483-9	27.4	318
44	Impairment of lung and chest wall mechanics in patients with acute respiratory distress syndrome: role of abdominal distension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1997 , 156, 1082-91	10.2	267
43	Effect of a lung protective strategy for organ donors on eligibility and availability of lungs for transplantation: a randomized controlled trial. <i>JAMA - Journal of the American Medical Association</i> , 2010 , 304, 2620-7	27.4	230
42	Patient-ventilator interaction and sleep in mechanically ventilated patients: pressure support versus proportional assist ventilation. <i>Critical Care Medicine</i> , 2007 , 35, 1048-54	1.4	213
41	Airway pressure-time curve profile (stress index) detects tidal recruitment/hyperinflation in experimental acute lung injury. <i>Critical Care Medicine</i> , 2004 , 32, 1018-27	1.4	203
40	High tidal volume is associated with the development of acute lung injury after severe brain injury: an international observational study. <i>Critical Care Medicine</i> , 2007 , 35, 1815-20	1.4	163
39	Pressure-time curve predicts minimally injurious ventilatory strategy in an isolated rat lung model. <i>Anesthesiology</i> , 2000 , 93, 1320-8	4.3	155
38	ECMO criteria for influenza A (H1N1)-associated ARDS: role of transpulmonary pressure. <i>Intensive Care Medicine</i> , 2012 , 38, 395-403	14.5	140
37	Extracorporeal Co2 removal in hypercapnic patients at risk of noninvasive ventilation failure: a matched cohort study with historical control. <i>Critical Care Medicine</i> , 2015 , 43, 120-7	1.4	126
36	Acute lung injury in patients with severe brain injury: a double hit model. <i>Neurocritical Care</i> , 2009 , 11, 417-26	3.3	116
35	Cerebro-pulmonary interactions during the application of low levels of positive end-expiratory pressure. <i>Intensive Care Medicine</i> , 2005 , 31, 373-9	14.5	99
34	Compensation for increase in respiratory workload during mechanical ventilation. Pressure-support versus proportional-assist ventilation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2000 , 161, 819-26	10.2	92
33	The influence of gender on the epidemiology of and outcome from severe sepsis. <i>Critical Care</i> , 2013 , 17, R50	10.8	86

32	Effects of proportional assist ventilation on inspiratory muscle effort in patients with chronic obstructive pulmonary disease and acute respiratory failure. <i>Anesthesiology</i> , 1997 , 86, 79-91	4.3	82
31	Extracranial complications in patients with acute brain injury: a post-hoc analysis of the SOAP study. <i>Intensive Care Medicine</i> , 2008 , 34, 720-7	14.5	80
30	Pulmonary atelectasis during low stretch ventilation: "open lung" versus "lung rest" strategy. <i>Critical Care Medicine</i> , 2009 , 37, 1046-53	1.4	79
29	Accuracy of plateau pressure and stress index to identify injurious ventilation in patients with acute respiratory distress syndrome. <i>Anesthesiology</i> , 2013 , 119, 880-9	4.3	45
28	Effects of dexmedetomidine and propofol on patient-ventilator interaction in difficult-to-wean, mechanically ventilated patients: a prospective, open-label, randomised, multicentre study. <i>Critical Care</i> , 2016 , 20, 206	10.8	42
27	Mechanical ventilation in patients with acute brain injury: recommendations of the European Society of Intensive Care Medicine consensus. <i>Intensive Care Medicine</i> , 2020 , 46, 2397-2410	14.5	41
26	Being overweight or obese is associated with decreased mortality in critically ill patients: a retrospective analysis of a large regional Italian multicenter cohort. <i>Journal of Critical Care</i> , 2012 , 27, 714-21	4	37
25	Ventilatory and hemodynamic management of potential organ donors: an observational survey. <i>Critical Care Medicine</i> , 2006 , 34, 321-7; quiz 328	1.4	37
24	Time-course of impairment of respiratory mechanics after cardiac surgery and cardiopulmonary bypass. <i>Critical Care Medicine</i> , 1999 , 27, 1454-60	1.4	35
23	Ventilatory strategies for patients with acute brain injury. <i>Current Opinion in Critical Care</i> , 2010 , 16, 45-52	3.5	32
22	Ventilatory Management During Normothermic Ex Vivo Lung Perfusion: Effects on Clinical Outcomes. <i>Transplantation</i> , 2016 , 100, 1128-35	1.8	19
21	Acute Tubular Injury is Associated With Severe Traumatic Brain Injury: in Vitro Study on Human Tubular Epithelial Cells. <i>Scientific Reports</i> , 2019 , 9, 6090	4.9	14
20	Multivariate projection method to investigate inflammation associated with secondary insults and outcome after human traumatic brain injury: a pilot study. <i>Journal of Neuroinflammation</i> , 2016 , 13, 157	10.1	12
19	Accuracy of esophageal pressure to assess transpulmonary pressure during mechanical ventilation. <i>Intensive Care Medicine</i> , 2017 , 43, 142-143	14.5	12
18	Feasibility of lung microdialysis to assess metabolism during clinical ex vivo lung perfusion. <i>Journal of Heart and Lung Transplantation</i> , 2019 , 38, 267-276	5.8	8
17	Cerebrospinal fluid from patients with subarachnoid haemorrhage and vasospasm enhances endothelin contraction in rat cerebral arteries. <i>PLoS ONE</i> , 2015 , 10, e0116456	3.7	6
16	Intermittent extracorporeal CO2 removal in chronic obstructive pulmonary disease patients: a fiction or an option. <i>Current Opinion in Critical Care</i> , 2018 , 24, 29-34	3.5	6
15	How to optimize the lung donor. <i>Minerva Anestesiologica</i> , 2018 , 84, 204-215	1.9	4

14	Activation of pituitary axis according to underlying critical illness and its effect on outcome. <i>Journal of Critical Care</i> , 2019 , 54, 22-29	4	3
13	Occurrence of ventilator associated pneumonia using a tracheostomy tube with subglottic secretion drainage. <i>Minerva Anestesiologica</i> , 2020 , 86, 844-852	1.9	3
12	Respiratory consequences of intra-abdominal hypertension. <i>Minerva Anestesiologica</i> , 2020 , 86, 877-883	1.9	2
11	Effects of liver ischemia-reperfusion injury on respiratory mechanics and driving pressure during orthotopic liver transplantation. <i>Minerva Anestesiologica</i> , 2019 , 85, 494-504	1.9	2
10	Reversed differential cyanosis during veno-arterial extracorporeal membrane oxygenation in infants: the reevaluation of an old phenomenon. <i>European Journal of Heart Failure</i> , 2017 , 19 Suppl 2, 117-119	12.3	2
9	A fixed correction of absolute transpulmonary pressure may not be ideal for clinical use : Discussion on "Accuracy of esophageal pressure to assess transpulmonary pressure during mechanical ventilation". <i>Intensive Care Medicine</i> , 2017 , 43, 1436-1437	14.5	1
8	Ventilatory management in head injury patients. Is there any conflict?. <i>Trends in Anaesthesia and Critical Care</i> , 2011 , 1, 168-174	0.4	1
7	Anesthetic optimization for nonheartbeating donors. <i>Current Opinion in Anaesthesiology</i> , 2010 , 23, 406-109	10.9	1
6	Impact of imipenem concentration in lung perfusate and tissue biopsy during clinical ex-vivo lung perfusion of high-risk lung donors. <i>Minerva Anestesiologica</i> , 2020 , 86, 617-626	1.9	1
5	Critical Care Management of Subarachnoid Hemorrhage (SAH) 2018 , 147-169		1
4	Management of the Potential Lung Donor.. <i>Thoracic Surgery Clinics</i> , 2022 , 32, 143-151	3.1	0
3	The link between anesthesiology and neurology: a mindful cooperation to improve brain protection. <i>Minerva Anestesiologica</i> , 2017 , 83, 69-78	1.9	
2	Protective Mechanical Ventilation in Brain Dead Organ Donors 2016 , 101-110		
1	Neuro-ICU: Usefulness of Transcranial Doppler (TCD/TCCS) to Monitoring of Neurological Impact from Mechanical Ventilation and Prone Position in ARDS Patients 2022 , 797-816		