Luciana Mascia

List of Publications by Year
in descending order

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50 papers	6,171 citations	201674 27 h-index	223800 46 g-index
79 all docs	79 docs citations	79 times ranked	3830 citing authors

#	Article	IF	Citations
1	Tidal Hyperinflation during Low Tidal Volume Ventilation in Acute Respiratory Distress Syndrome. American Journal of Respiratory and Critical Care Medicine, 2007, 175, 160-166.	5.6	699
2	Impairment of Lung and Chest Wall Mechanics in Patients with Acute Respiratory Distress Syndrome. American Journal of Respiratory and Critical Care Medicine, 1997, 156, 1082-1091.	5.6	589
3	Tidal Volume Lower than 6 ml/kg Enhances Lung Protection. Anesthesiology, 2009, 111, 826-835.	2.5	511
4	Cardiorespiratory Effects of Positive End-expiratory Pressure during Progressive Tidal Volume Reduction (Permissive Hypercapnia) in Patients with Acute Respiratory Distress Syndrome. Anesthesiology, 1995, 83, 710-720..	2.5	486
5	Effects of Recruiting Maneuvers in Patients with Acute Respiratory Distress Syndrome Ventilated with Protective Ventilatory Strategy. Anesthesiology, 2002, 96, 795-802.	2.5	462
6	Early vs Late Tracheotomy for Prevention of Pneumonia in Mechanically Ventilated Adult ICU Patients. JAMA - Journal of the American Medical Association, 2010, 303, 1483.	7.4	431
7	Effect of a Lung Protective Strategy for Organ Donors on Eligibility and Availability of Lungs for Transplantation. JAMA - Journal of the American Medical Association, 2010, 304, 2620.	7.4	307
8	Patient-ventilator interaction and sleep in mechanically ventilated patients: Pressure support versus proportional assist ventilation*. Critical Care Medicine, 2007, 35, 1048-1054.	0.9	262
9	Airway pressure-time curve profile (stress index) detects tidal recruitment/hyperinflation in experimental acute lung injury. Critical Care Medicine, 2004, 32, 1018-1027.	0.9	261
10	High tidal volume is associated with the development of acute lung injury after severe brain injury: An international observational study*. Critical Care Medicine, 2007, 35, 1815-1820.	0.9	211
11	Pressureâ€"Time Curve Predicts Minimally Injurious Ventilatory Strategy in an Isolated Rat Lung Model. Anesthesiology, 2000, 93, 1320-1328.	2.5	197
12	ECMO criteria for influenza A (H1N1)-associated ARDS: role of transpulmonary pressure. Intensive Care Medicine, 2012, 38, 395-403.	8.2	191
13	Extracorporeal Co2 Removal in Hypercapnic Patients At Risk of Noninvasive Ventilation Failure. Critical Care Medicine, 2015, 43, 120-127.	0.9	160
14	Acute Lung Injury in Patients with Severe Brain Injury: A Double Hit Model. Neurocritical Care, 2009, 11, 417-426.	2.4	153
15	Mechanical ventilation in patients with acute brain injury: recommendations of the European Society of Intensive Care Medicine consensus. Intensive Care Medicine, 2020, 46, 2397-2410.	8.2	140
16	The influence of gender on the epidemiology of and outcome from severe sepsis. Critical Care, 2013, 17, R50.	5.8	124
17	Cerebro-pulmonary interactions during the application of low levels of positive end-expiratory pressure. Intensive Care Medicine, 2005, 31, 373-379.	8.2	123
18	Compensation for Increase in Respiratory Workload during Mechanical Ventilation. American Journal of Respiratory and Critical Care Medicine, 2000, 161, 819-826.	5.6	108

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19	Extracranial complications in patients with acute brain injury: aÂpost-hoc analysis of the SOAP study. Intensive Care Medicine, 2008, 34, 720-727.	8.2	107
20	Effects of Proportional Assist Ventilation on Inspiratory Muscle Effort in Patients with Chronic Obstructive Pulmonary Disease and Acute Respiratory Failure. Anesthesiology, 1997, 86, 79-91.	2.5	102
21	Pulmonary atelectasis during low stretch ventilation: â€œOpen lungâ€•versus â€œlung restâ€•strategy*. Critical Care Medicine, 2009, 37, 1046-1053.	0.9	91
22	Accuracy of Plateau Pressure and Stress Index to Identify Injurious Ventilation in Patients with Acute Respiratory Distress Syndrome. Anesthesiology, 2013, 119, 880-889.	2.5	65
23	Effects of dexmedetomidine and propofol on patient-ventilator interaction in difficult-to-wean, mechanically ventilated patients: a prospective, open-label, randomised, multicentre study. Critical Care, 2016, 20, 206.	5.8	63
24	Being overweight or obese is associated with decreased mortality in critically ill patients: A retrospective analysis of a large regional Italian multicenter cohort. Journal of Critical Care, 2012, 27, 714-721.	2.2	51
25	Ventilatory and hemodynamic management of potential organ donors: An observational survey*. Critical Care Medicine, 2006, 34, 321-327.	0.9	45
26	Time-course of impairment of respiratory mechanics after cardiac surgery and cardiopulmonary bypass. Critical Care Medicine, 1999, 27, 1454-1460.	0.9	41
27	Ventilatory strategies for patients with acute brain injury. Current Opinion in Critical Care, 2010, 16, 45-52.	3.2	39
28	Ventilatory Management During Normothermic Ex Vivo Lung Perfusion. Transplantation, 2016, 100, 1128-1135.	1.0	26
29	Acute Tubular Injury is Associated With Severe Traumatic Brain Injury: in Vitro Study on Human Tubular Epithelial Cells. Scientific Reports, 2019, 9, 6090.	3.3	23
30	Multivariate projection method to investigate inflammation associated with secondary insults and outcome after human traumatic brain injury: a pilot study. Journal of Neuroinflammation, 2016, 13, 157.	7.2	16
31	Accuracy of esophageal pressure to assess transpulmonary pressure during mechanical ventilation. Intensive Care Medicine, 2017, 43, 142-143.	8.2	14
32	Feasibility of lung microdialysis to assess metabolism during clinical ex vivo lung perfusion. Journal of Heart and Lung Transplantation, 2019, 38, 267-276.	0.6	11
33	Ventilatory setting in severe brain injured patients: does it really matter?. Intensive Care Medicine, 2006, 32, 1925-1927.	8.2	9
34	Intermittent extracorporeal CO2 removal in chronic obstructive pulmonary disease patients. Current Opinion in Critical Care, 2018, 24, 29-34.	3.2	9
35	Cerebrospinal Fluid from Patients with Subarachnoid Haemorrhage and Vasospasm Enhances Endothelin Contraction in Rat Cerebral Arteries. PLoS ONE, 2015, 10, e0116456.	2.5	7
36	How to optimize the lung donor. Minerva Anestesiologica, 2018, 84, 204-215.	1.0	6

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37	Occurrence of ventilator associated pneumonia using a tracheostomy tube with subglottic secretion drainage. Minerva Anestesiologica, 2020, 86, 844-852.	1.0	6
38	Activation of pituitary axis according to underlying critical illness and its effect on outcome. Journal of Critical Care, 2019, 54, 22-29.	2.2	5
39	Reversed differential cyanosis during venoâ€arterial extracorporeal membrane oxygenation in infants: the reevaluation of an old phenomenon. European Journal of Heart Failure, 2017, 19, 117-119.	7.1	4
40	A fixed correction of absolute transpulmonary pressure may not be ideal for clinical use. Intensive Care Medicine, 2017, 43, 1436-1437.	8.2	3
41	Respiratory consequences of intra-abdominal hypertension. Minerva Anestesiologica, 2020, 86, 877-883.	1.0	3
42	Ventilatory management in head injury patients. Is there any conflict?. Trends in Anaesthesia and Critical Care, 2011, 1, 168-174.	0.9	2
43	Effects of liver ischemia-reperfusion injury on respiratory mechanics and driving pressure during orthotopic liver transplantation. Minerva Anestesiologica, 2019, 85, 494-504.	1.0	2
44	Anesthetic optimization for nonheartbeating donors. Current Opinion in Anaesthesiology, 2010, 23, 406-410.	2.0	1
45	Critical Care Management of Subarachnoid Hemorrhage (SAH). , 2018, , 147-169.		1
46	Impact of imipenem concentration in lung perfusate and tissue biopsy during clinical ex-vivo lung perfusion of high-risk lung donors. Minerva Anestesiologica, 2020, 86, 617-626.	1.0	1
47	Management of the Potential Lung Donor. Thoracic Surgery Clinics, 2022, 32, 143-151.	1.0	1
48	Protective Mechanical Ventilation in Brain Dead Organ Donors. , 2016, , 101-110.		0
49	The link between anesthesiology and neurology: a mindful cooperation to improve brain protection. Minerva Anestesiologica, 2017, 83, 69-78.	1.0	0
50	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.		0