Alessandro Protti

List of Publications by Year
in descending order

62 papers	4,927 citations	168829 31 h-index	150775 59 g-index
64 all docs	64 docs citations	64 times ranked	8431 citing authors

#	Article	IF	Citations
1	Lung Response to a Higher Positive End-Expiratory Pressure in Mechanically Ventilated Patients With COVID-19. Chest, 2022, 161, 979-988.	0.4	30
2	Nitric oxide in COVID-19: Too little of a good thing?. EBioMedicine, 2022, 77, 103925.	2.7	6
3	Lung response to prone positioning in mechanically-ventilated patients with COVID-19. Critical Care, 2022, 26, 127.	2.5	13
4	Detailed stratified GWAS analysis for severe COVID-19 in four European populations. Human Molecular Genetics, 2022, 31, 3945-3966.	1.4	46
5	Rationale and evidence on the use of tocilizumab in COVID-19: a systematic review. Pulmonology, 2021, 27, 52-66.	1.0	128
6	Macrophage expression and prognostic significance of the long pentraxin PTX3 in COVID-19. Nature Immunology, 2021, 22, 19-24.	7.0	101
7	Increased ratio of P[v-a]CO2 to C[a-v]O2 without global hypoxia: the case of metformin-induced lactic acidosis. Respiratory Physiology and Neurobiology, 2021, 285, 103586.	0.7	4
8	Barotrauma in mechanically ventilated patients with Coronavirus disease 2019: a survey of 38 hospitals in Lombardy, Italy. Minerva Anestesiologica, 2021, 87, 193-198.	0.6	19
9	Family access to critically ill patients with COVID-19: a noble but demanding goal. Minerva Anestesiologica, 2021, 87, 956-958.	0.6	0
10	Circulating pentraxin 3 in severe COVIDâ€19 or other pulmonary sepsis. European Journal of Clinical Investigation, 2021, 51, e13530.	1.7	10
11	Prone position in intubated, mechanically ventilated patients with COVID-19: a multi-centric study of more than 1000 patients. Critical Care, 2021, 25, 128.	2.5	157
12	Paradoxical Effect of Chest Wall Compression on Respiratory System Compliance. Chest, 2021, 160, 1335-1339.	0.4	27
13	Extubate Before Venovenous Extracorporeal Membranous Oxygenation Decannulation or Decannulate While Remaining on the Ventilator? The EuroELSO 2019 Weaning Survey. ASAIO Journal, 2021, 67, e86-e89.	0.9	16
14	Anticoagulation Management and Antithrombin Supplementation Practice during Veno-venous Extracorporeal Membrane Oxygenation. Anesthesiology, 2020, 132, 562-570.	1.3	57
15	Inhaled nitric oxide in mechanically ventilated patients with COVID-19. Journal of Critical Care, 2020, 60, 159-160.	1.0	56
16	Risk Factors Associated With Mortality Among Patients With COVID-19 in Intensive Care Units in Lombardy, Italy. JAMA Internal Medicine, 2020, 180, 1345.	2.6	1,165
17	Pathophysiology of COVID-19-associated acute respiratory distress syndrome: a multicentre prospective observational study. Lancet Respiratory Medicine,the, 2020, 8, 1201-1208.	5.2	516
18	Hospital surge capacity in a tertiary emergency referral centre during the <scp>COVID</scp>â€19 outbreak in Italy. Anaesthesia, 2020, 75, 928-934.	1.8	264

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19	Detection of strong inspiratory efforts from the analysis of central venous pressure swings: a preliminary clinical study. Minerva Anestesiologica, 2020, 86, 1296-1304.	0.6	10
20	Antithrombin During Extracorporeal Membrane Oxygenation in Adults: National Survey and Retrospective Analysis. ASAIO Journal, 2019, 65, 257-263.	0.9	19
21	High Positive End-Expiratory Pressure: Only a Dam against Edema Formation? Probably Not (Again). American Journal of Respiratory and Critical Care Medicine, 2019, 199, 543-544.	2.5	0
22	Succinate and the shortcut to the cure of metformin-induced lactic acidosis. Intensive Care Medicine Experimental, 2018, 6, 35.	0.9	10
23	Persistence of Central Venous Oxygen Desaturation During Early Sepsis Is Associated With Higher Mortality. Chest, 2018, 154, 1291-1300.	0.4	18
24	Thromboelastography-based anticoagulation management during extracorporeal membrane oxygenation: a safety and feasibility pilot study. Annals of Intensive Care, 2018, 8, 7.	2.2	92
25	Metforminâ€associated lactic acidosis (<scp>MALA</scp>): <scp>M</scp>oving towards a new paradigm. Diabetes, Obesity and Metabolism, 2017, 19, 1502-1512.	2.2	94
26	Spontaneous Breathing during Extracorporeal Membrane Oxygenation in Acute Respiratory Failure. Anesthesiology, 2017, 126, 678-687.	1.3	87
27	Linezolid-induced lactic acidosis: the thin line between bacterial and mitochondrial ribosomes. Expert Opinion on Drug Safety, 2017, 16, 833-843.	1.0	45
28	Driving airway pressure: should we use a static measure to describe a dynamic phenomenon?. Intensive Care Medicine, 2017, 43, 1544-1545.	3.9	5
29	Prevalence of â€œFlat-Lineâ€•Thromboelastography During Extracorporeal Membrane Oxygenation for Respiratory Failure in Adults. ASAIO Journal, 2016, 62, 302-309.	0.9	35
30	Changes in Whole-Body Oxygen Consumption and Skeletal Muscle Mitochondria During Linezolid-Induced Lactic Acidosis. Critical Care Medicine, 2016, 44, e579-e582.	0.4	16
31	Role of Strain Rate in the Pathogenesis of Ventilator-Induced Lung Edema*. Critical Care Medicine, 2016, 44, e838-e845.	0.4	112
32	Skeletal muscle lactate overproduction during metformin intoxication: An animal study with reverse microdialysis. Toxicology Letters, 2016, 255, 43-46.	0.4	8
33	Get Fit for Lung Transplant With Ambulatory Extracorporeal Membrane Oxygenation!. Respiratory Care, 2016, 61, 117-118.	0.8	3
34	The delicate balance between pro-(risk of thrombosis) and anti-(risk of bleeding) coagulation during extracorporeal membrane oxygenation. Annals of Translational Medicine, 2016, 4, 139-139.	0.7	11
35	Assessment of Fibrinolysis in Sepsis Patients with Urokinase Modified Thromboelastography. PLoS ONE, 2015, 10, e0136463.	1.1	62
36	Lung anatomy, energy load, and ventilator-induced lung injury. Intensive Care Medicine Experimental, 2015, 3, 34.	0.9	84

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37	Prone position ameliorates lung elastance and increases functional residual capacity independently from lung recruitment. Intensive Care Medicine Experimental, 2015, 3, 55.	0.9	23
38	Comparison between clinical indicators of transmembrane oxygenator thrombosis and multidetector computed tomographic analysis. Journal of Critical Care, 2015, 30, 441.e7-441.e13.	1.0	21
39	Platelet mitochondrial dysfunction in critically ill patients: comparison between sepsis and cardiogenic shock. Critical Care, 2015, 19, 39.	2.5	41
40	Electrolyte shifts across the artificial lung in patients on extracorporeal membrane oxygenation: Interdependence between partial pressure of carbon dioxide and strong ion difference. Journal of Critical Care, 2015, 30, 2-6.	1.0	33
41	Mitochondrial Changes in Platelets Are Not Related to Those in Skeletal Muscle during Human Septic Shock. PLoS ONE, 2014, 9, e96205.	1.1	22
42	Validation of computed tomography for measuring lung weight. Intensive Care Medicine Experimental, 2014, 2, 31.	0.9	15
43	Which is the most important strain in the pathogenesis of ventilator-induced lung injury. Current Opinion in Critical Care, 2014, 20, 33-38.	1.6	45
44	Low-dose chest computed tomography for quantitative and visual anatomical analysis in patients with acute respiratory distress syndrome. Intensive Care Medicine, 2014, 40, 691-699.	3.9	28
45	One other explanation for hypoglycemia during metformin overdose. Clinical Toxicology, 2013, 51, 515-515.	0.8	3
46	High positive end-expiratory pressure: only a dam against oedema formation?. Critical Care, 2013, 17, R131.	2.5	14
47	Early functional and transcriptomic changes in the myocardium predict outcome in a long-term rat model of sepsis. Clinical Science, 2013, 124, 391-401.	1.8	62
48	Lung Stress and Strain During Mechanical Ventilation. Critical Care Medicine, 2013, 41, 1046-1055.	0.4	236
49	Metformin overdose, but not lactic acidosis per se, inhibits oxygen consumption in pigs. Critical Care, 2012, 16, R75.	2.5	52
50	Metformin overdose causes platelet mitochondrial dysfunction in humans. Critical Care, 2012, 16, R180.	2.5	56
51	Metformin-induced lactic acidosis: no one left behind. Critical Care, 2011, 15, 107.	2.5	38
52	Lung Stress and Strain during Mechanical Ventilation. American Journal of Respiratory and Critical Care Medicine, 2011, 183, 1354-1362.	2.5	297
53	Time to generate ventilator-induced lung injury among mammals with healthy lungs: a unifying hypothesis. Intensive Care Medicine, 2011, 37, 1913-1920.	3.9	54
54	Ventilator-induced lung injury: The anatomical and physiological framework. Critical Care Medicine, 2010, 38, S539-S548.	0.4	201

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55	Diffusion of carbon monoxide: Any place in intensive care?*. Critical Care Medicine, 2010, 38, 314-315.	0.4	3
56	Oxygen consumption is depressed in patients with lactic acidosis due to biguanide intoxication. Critical Care, 2010, 14, R22.	2.5	73
57	Relationship between gas exchange response to prone position and lung recruitability during acute respiratory failure. Intensive Care Medicine, 2009, 35, 1011-1017.	3.9	61
58	Ventilation in the prone position: For some but not for all?. Cmaj, 2008, 178, 1174-1176.	0.9	22
59	Succinate recovers mitochondrial oxygen consumption in septic rat skeletal muscle. Critical Care Medicine, 2007, 35, 2150-2155.	0.4	66
60	Strategies to modulate cellular energetic metabolism during sepsis. Novartis Foundation Symposium, 2007, 280, 7-16; discussion 16-20, 160-4.	1.2	12
61	Bench-to-bedside review: potential strategies to protect or reverse mitochondrial dysfunction in sepsis-induced organ failure. Critical Care, 2006, 10, 228.	2.5	104
62	Strategies to Modulate Cellular Energetic Metabolism during Sepsis. Novartis Foundation Symposium, 0, , 7-20.	1.2	14