

Silvia Coppola

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.

56
papers

1,794
citations

18
h-index

42
g-index

73
ext. papers

2,440
ext. citations

6
avg, IF

5.6
L-index

#	Paper	IF	Citations
56	COVID-19 Does Not Lead to a "Typical" Acute Respiratory Distress Syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 201, 1299-1300	10.2	790
55	Lung stress and strain during mechanical ventilation: any safe threshold?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011 , 183, 1354-62	10.2	222
54	Physiological and quantitative CT-scan characterization of COVID-19 and typical ARDS: a matched cohort study. <i>Intensive Care Medicine</i> , 2020 , 46, 2187-2196	14.5	93
53	Extracorporeal life support as bridge to lung transplantation: a systematic review. <i>Critical Care</i> , 2015 , 19, 19	10.8	68
52	Ex vivo lung perfusion to improve donor lung function and increase the number of organs available for transplantation. <i>Transplant International</i> , 2014 , 27, 553-61	3	58
51	What's Next After ARDS: Long-Term Outcomes. <i>Respiratory Care</i> , 2016 , 61, 689-99	2.1	53
50	Clinical review: Lung imaging in acute respiratory distress syndrome patients--an update. <i>Critical Care</i> , 2013 , 17, 243	10.8	37
49	Clinical review: peripheral muscular ultrasound in the ICU. <i>Annals of Intensive Care</i> , 2019 , 9, 57	8.9	27
48	Fluid administration and monitoring in ARDS: which management?. <i>Intensive Care Medicine</i> , 2020 , 46, 2252-2264	14.5	27
47	Global and Regional Diagnostic Accuracy of Lung Ultrasound Compared to CT in Patients With Acute Respiratory Distress Syndrome. <i>Critical Care Medicine</i> , 2019 , 47, 1599-1606	1.4	27
46	β-adrenergic agonist infusion during extracorporeal lung perfusion: effects on glucose concentration in the perfusion fluid and on lung function. <i>Journal of Heart and Lung Transplantation</i> , 2012 , 31, 524-30	5.8	26
45	Low-dose chest computed tomography for quantitative and visual anatomical analysis in patients with acute respiratory distress syndrome. <i>Intensive Care Medicine</i> , 2014 , 40, 691-9	14.5	25
44	The occlusion tests and end-expiratory esophageal pressure: measurements and comparison in controlled and assisted ventilation. <i>Annals of Intensive Care</i> , 2016 , 6, 13	8.9	23
43	Protective lung ventilation during general anesthesia: is there any evidence?. <i>Critical Care</i> , 2014 , 18, 210	10.8	23
42	β-blockers in critically ill patients: from physiology to clinical evidence. <i>Critical Care</i> , 2015 , 19, 119	10.8	22
41	Oesophageal pressure and respiratory muscle ultrasonographic measurements indicate inspiratory effort during pressure support ventilation. <i>British Journal of Anaesthesia</i> , 2020 , 125, e148-e157	5.4	20
40	Effect of mechanical power on intensive care mortality in ARDS patients. <i>Critical Care</i> , 2020 , 24, 246	10.8	20

39	Brainstem neuropathology in two cases of COVID-19: SARS-CoV-2 trafficking between brain and lung. <i>Journal of Neurology</i> , 2021 , 268, 4486-4491	5.5	19
38	Prevalence of endotoxemia after surgery and its association with ICU length of stay. <i>Critical Care</i> , 2009 , 13, R102	10.8	17
37	Oxidative Stress Markers to Investigate the Effects of Hyperoxia in Anesthesia. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	15
36	Respiratory Mechanics, Lung Recruitability, and Gas Exchange in Pulmonary and Extrapulmonary Acute Respiratory Distress Syndrome. <i>Critical Care Medicine</i> , 2019 , 47, 792-799	1.4	14
35	Fluid resuscitation in trauma patients: what should we know?. <i>Current Opinion in Critical Care</i> , 2014 , 20, 444-50	3.5	12
34	Sodium bicarbonate treatment during transient or sustained lactic acidemia in normoxic and normotensive rats. <i>PLoS ONE</i> , 2012 , 7, e46035	3.7	12
33	Role of total lung stress on the progression of early COVID-19 pneumonia. <i>Intensive Care Medicine</i> , 2021 , 47, 1130-1139	14.5	12
32	Body mass index and acute respiratory distress severity in patients with and without SARS-CoV-2 infection. <i>British Journal of Anaesthesia</i> , 2020 , 125, e376-e377	5.4	10
31	Mortality and clinical outcomes in patients with COVID-19 pneumonia treated with non-invasive respiratory support: A rapid review. <i>Journal of Critical Care</i> , 2021 , 65, 1-8	4	10
30	Internal clock and the surgical ICU patient. <i>Current Opinion in Anaesthesiology</i> , 2020 , 33, 177-184	2.9	8
29	Reply by Gattinoni to Hedenstierna , to Maley , to Fowler , to Bhatia and Mohammed, to Bos, to Koumbourlis and Motoyama, and to Haouzi. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 202, 628-630	10.2	7
28	Brainstem clinical and neurophysiological involvement in COVID-19. <i>Journal of Neurology</i> , 2021 , 268, 3598-3600	5.5	7
27	Hazardous mismatch between pulmonary pathogens and antibiotic treatments in COVID-19 patients. <i>British Journal of Anaesthesia</i> , 2020 , 125, e380-e382	5.4	6
26	An appraisal of respiratory system compliance in mechanically ventilated covid-19 patients. <i>Critical Care</i> , 2021 , 25, 199	10.8	6
25	A standardized model of brain death, donor treatment, and lung transplantation for studies on organ preservation and reconditioning. <i>Intensive Care Medicine Experimental</i> , 2014 , 2, 12	3.7	5
24	Radiological pattern in ARDS patients: partitioned respiratory mechanics, gas exchange and lung recruitability. <i>Annals of Intensive Care</i> , 2021 , 11, 78	8.9	5
23	Dynamic hyperinflation and intrinsic positive end-expiratory pressure in ARDS patients. <i>Critical Care</i> , 2019 , 23, 375	10.8	5
22	Critical illness neuropathy in severe COVID-19: a case series. <i>Neurological Sciences</i> , 2021 , 42, 4893-4898	3.5	5

21	Time course of the Bioelectrical Impedance Vector Analysis and muscular ultrasound in critically ill patients.. <i>Journal of Critical Care</i> , 2021 , 68, 89-95	4	4
20	The assessment of esophageal pressure using different devices: a validation study. <i>Minerva Anestesiologica</i> , 2020 , 86, 1047-1056	1.9	4
19	Characteristics, outcomes and global trends of respiratory support in patients hospitalized with COVID-19 pneumonia: a scoping review. <i>Minerva Anestesiologica</i> , 2021 , 87, 915-926	1.9	4
18	Differential Redox State and Iron Regulation in Chronic Obstructive Pulmonary Disease, Acute Respiratory Distress Syndrome and Coronavirus Disease 2019. <i>Antioxidants</i> , 2021 , 10,	7.1	4
17	Gas exchange, specific lung elastance and mechanical power in the early and persistent ARDS. <i>Journal of Critical Care</i> , 2020 , 55, 42-47	4	3
16	Oesophageal manometry and gas exchange in patients with COVID-19 acute respiratory distress syndrome. <i>British Journal of Anaesthesia</i> , 2020 , 125, e437-e438	5.4	3
15	Hysteresis and Lung Recruitment in Acute Respiratory Distress Syndrome Patients: A CT Scan Study. <i>Critical Care Medicine</i> , 2020 , 48, 1494-1502	1.4	3
14	Sevoflurane sedation and nephrogenic diabetes insipidus in patients affected with severe acute respiratory syndrome coronavirus 2. <i>European Journal of Anaesthesiology</i> , 2021 , 38, 438-441	2.3	3
13	Latent class analysis to predict intensive care outcomes in Acute Respiratory Distress Syndrome: a proposal of two pulmonary phenotypes. <i>Critical Care</i> , 2021 , 25, 154	10.8	3
12	Different routes and formulations of melatonin in critically ill patients. A pharmacokinetic randomized study. <i>Clinical Endocrinology</i> , 2019 , 91, 209-218	3.4	2
11	Feasibility and Clinical Outcomes of a Step Up Noninvasive Respiratory Support Strategy in Patients with Severe COVID-19 Pneumonia. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	2
10	The furosemide stress test, electrolyte response and Renal Index in critically ill patients. <i>Minerva Anestesiologica</i> , 2021 , 87, 448-457	1.9	2
9	Sodium Bicarbonate in Different Critically Ill Conditions: From Physiology to Clinical Practice. <i>Anesthesiology</i> , 2021 , 134, 774-783	4.3	2
8	Lung Ultrasound in the Critically Ill Patient 2016 , 55-67		1
7	Awake prone position reduces work of breathing in patients with COVID-19 ARDS supported by CPAP.. <i>Annals of Intensive Care</i> , 2021 , 11, 179	8.9	1
6	Early short course of neuromuscular blocking agents in patients with COVID-19 ARDS: a propensity score analysis.. <i>Critical Care</i> , 2022 , 26, 141	10.8	1
5	Positive end-expiratory pressure in COVID-19 acute respiratory distress syndrome: the heterogeneous effects.. <i>Critical Care</i> , 2021 , 25, 431	10.8	0
4	Lung Imaging in ARDS 2017 , 155-171		

- 3 Maxillofacial Trauma and Airway Management **2018**, 1-12
- 2 Extracorporeal Circulation in Acute Respiratory Failure: High Flow Versus Low Flow **2020**, 63-81
- 1 Lights and Shadows on Aerosol Therapy in Mechanically Ventilated Patients **2014**, 61-79