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List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

3,948
citations

279798

23
h-index

197818

49
g-index

52
all docs

52
docs citations

52
times ranked

5676
citing authors

#	ARTICLE	IF	CITATIONS
1	COVID-19 pneumonia: different respiratory treatments for different phenotypes?. Intensive Care Medicine, 2020, 46, 1099-1102.	8.2	1,443
2	COVID-19 Does Not Lead to a "Typical" Acute Respiratory Distress Syndrome. American Journal of Respiratory and Critical Care Medicine, 2020, 201, 1299-1300.	5.6	1,138
3	Physiological and quantitative CT-scan characterization of COVID-19 and typical ARDS: a matched cohort study. Intensive Care Medicine, 2020, 46, 2187-2196.	8.2	169
4	Prone Positioning in Acute Respiratory Distress Syndrome. Seminars in Respiratory and Critical Care Medicine, 2019, 40, 094-100.	2.1	99
5	COVID-19 pneumonia: pathophysiology and management. European Respiratory Review, 2021, 30, 210138.	7.1	84
6	Bedside calculation of mechanical power during volume- and pressure-controlled mechanical ventilation. Critical Care, 2020, 24, 417.	5.8	71
7	Mechanical power at a glance: a simple surrogate for volume-controlled ventilation. Intensive Care Medicine Experimental, 2019, 7, 61.	1.9	65
8	Fluid administration and monitoring in ARDS: which management?. Intensive Care Medicine, 2020, 46, 2252-2264.	8.2	60
9	The impact of ventilation "perfusion inequality in COVID-19: a computational model. Journal of Applied Physiology, 2021, 130, 865-876.	2.5	52
10	Role of total lung stress on the progression of early COVID-19 pneumonia. Intensive Care Medicine, 2021, 47, 1130-1139.	8.2	51
11	Prevalence and outcome of silent hypoxemia in COVID-19. Minerva Anestesiologica, 2021, 87, 325-333.	1.0	49
12	Pathophysiology of coronavirus-19 disease acute lung injury. Current Opinion in Critical Care, 2022, 28, 9-16.	3.2	46
13	Oral anticoagulation and clinical outcomes in COVID-19: An Italian multicenter experience. International Journal of Cardiology, 2021, 323, 276-280.	1.7	40
14	Does Iso-mechanical Power Lead to Iso-lung Damage?. Anesthesiology, 2020, 132, 1126-1137.	2.5	39
15	Targeting transpulmonary pressure to prevent ventilator-induced lung injury. Expert Review of Respiratory Medicine, 2019, 13, 737-746.	2.5	38
16	Mechanisms of oxygenation responses to proning and recruitment in COVID-19 pneumonia. Intensive Care Medicine, 2022, 48, 56-66.	8.2	38
17	Extracorporeal Membrane Oxygenation for Respiratory Failure. Anesthesiology, 2020, 132, 1257-1276.	2.5	37
18	Spontaneous breathing, transpulmonary pressure and mathematical trickery. Annals of Intensive Care, 2020, 10, 88.	4.6	36

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19	Novel risk calculator performance in athletes with arrhythmogenic right ventricular cardiomyopathy. <i>Heart Rhythm</i> , 2020, 17, 1251-1259.	0.7	32
20	Redefining the Prognostic Value of High-Sensitivity Troponin in COVID-19 Patients: The Importance of Concomitant Coronary Artery Disease. <i>Journal of Clinical Medicine</i> , 2020, 9, 3263.	2.4	31
21	Long-term follow-up analysis of a highly characterized arrhythmogenic cardiomyopathy cohort with classical and non-classical phenotypes—a real-world assessment of a novel prediction model: does the subtype really matter. <i>Europace</i> , 2020, 22, 797-805.	1.7	31
22	Arrhythmic safety of hydroxychloroquine in COVID-19 patients from different clinical settings. <i>Europace</i> , 2020, 22, 1855-1863.	1.7	28
23	Breathing and Ventilation during Extracorporeal Membrane Oxygenation: How to Find the Balance between Rest and Load. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 200, 954-956.	5.6	27
24	Effects of sodium citrate, citric acid and lactic acid on human blood coagulation. <i>Perfusion (United Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i>	1.0	22
25	Pathophysiology of COVID-19-associated acute respiratory distress syndrome. <i>Lancet Respiratory Medicine</i> , 2021, 9, e1.	10.7	22
26	COVID-19 and ARDS: the baby lung size matters. <i>Intensive Care Medicine</i> , 2021, 47, 133-134.	8.2	20
27	Mobilizing Carbon Dioxide Stores. An Experimental Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 203, 318-327.	5.6	17
28	Using Artificial Intelligence for Automatic Segmentation of CT Lung Images in Acute Respiratory Distress Syndrome. <i>Frontiers in Physiology</i> , 2021, 12, 676118.	2.8	16
29	End-tidal to arterial PCO2 ratio: a bedside meter of the overall gas exchanger performance. <i>Intensive Care Medicine Experimental</i> , 2021, 9, 21.	1.9	15
30	Echocardiographic assessment of the right ventricle in COVID-19: a systematic review. <i>International Journal of Cardiovascular Imaging</i> , 2021, 37, 3499-3512.	1.5	15
31	Mechanical power thresholds during mechanical ventilation: An experimental study. <i>Physiological Reports</i> , 2022, 10, e15225.	1.7	15
32	Non-invasive hemodynamic profile of early COVID-19 infection. <i>Physiological Reports</i> , 2020, 8, e14628.	1.7	11
33	COVID-19: scientific reasoning, pragmatism and emotional bias. <i>Annals of Intensive Care</i> , 2020, 10, 134.	4.6	11
34	End-Tidal to Arterial PCO2 Ratio as Guide to Weaning from Veno-Venous Extra-Corporeal Membrane Oxygenation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 0, , .	5.6	11
35	Reply by Gattinoni et al. to Hedenstierna et al., to Maley et al., to Fowler et al., to Bhatia and Mohammed, to Bos, to Koumbourlis and Motoyama, and to Haouzi et al.. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 628-630.	5.6	10
36	Lung Ultrasound and Electrical Impedance Tomography During Ventilator-Induced Lung Injury*. <i>Critical Care Medicine</i> , 2022, 50, e630-e637.	0.9	10

#	ARTICLE	IF	CITATIONS
37	Determinants of the esophageal-pleural pressure relationship in humans. <i>Journal of Applied Physiology</i> , 2020, 128, 78-86.	2.5	9
38	Role of Fluid and Sodium Retention in Experimental Ventilator-Induced Lung Injury. <i>Frontiers in Physiology</i> , 2021, 12, 743153.	2.8	8
39	Pentraxin-3, Troponin T, N-Terminal Pro-B-Type Natriuretic Peptide in Septic Patients. <i>Shock</i> , 2020, 54, 675-680.	2.1	5
40	Albumin Oxidation Status in Sepsis Patients Treated With Albumin or Crystalloids. <i>Frontiers in Physiology</i> , 2021, 12, 682877.	2.8	4
41	A Minimally Invasive and Highly Effective Extracorporeal CO ₂ Removal Device Combined With a Continuous Renal Replacement Therapy. <i>Critical Care Medicine</i> , 2022, 50, e468-e476.	0.9	4
42	Oesophageal manometry and gas exchange in patients with COVID-19 acute respiratory distress syndrome. <i>British Journal of Anaesthesia</i> , 2020, 125, e437-e438.	3.4	3
43	The 4DPRR Index and Mechanical Power: A Step Ahead or Four Steps Backward?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 204, 491-492.	5.6	3
44	Standardised PaO ₂ /FiO ₂ ratio in COVID-19: Added value or risky assumptions?. <i>European Journal of Internal Medicine</i> , 2021, 92, 31-33.	2.2	3
45	Hypoxaemia in COVID-19: many pieces to a complex puzzle. <i>European Respiratory Review</i> , 2022, 31, 220090.	7.1	3
46	Venous and arterial base excess difference: methodological error or physiological reality?. <i>Intensive Care Medicine</i> , 2019, 45, 1686-1687.	8.2	2
47	Procurement and ex-situ perfusion of isolated slaughterhouse-derived livers as a model of donors after circulatory death. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2019, , .	1.5	2
48	Calcium priming of the central venous catheter prevents a drop in ionized calcium concentration during Regional Citrate Anticoagulation. <i>ASAIO Journal</i> , 2019, 65, 898-901.	1.6	1
49	From phenotypes to black holes and back. <i>Intensive Care Medicine</i> , 2020, 46, 1498-1499.	8.2	1
50	Reply to Xu et al.. <i>Journal of Applied Physiology</i> , 2021, 131, 870-870.	2.5	1
51	Reply to: Assessment of administering antithrombosis in COVID-19 patients with acute hypoxemic respiratory failure. <i>International Journal of Cardiology</i> , 2021, 332, 238.	1.7	0
52	The knowns and unknowns of perfusion disturbances in COVID-19 pneumonia. <i>Critical Care</i> , 2021, 25, 352.	5.8	0