

Emanuele Rezoagli

List of Publications by Year in descending order

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Version: 2024-02-01

66
papers

2,260
citations

279798

23
h-index

233421

45
g-index

68
all docs

68
docs citations

68
times ranked

3814
citing authors

#	ARTICLE	IF	CITATIONS
1	On-demand erythrocyte disposal and iron recycling requires transient macrophages in the liver. <i>Nature Medicine</i> , 2016, 22, 945-951.	30.7	333
2	Prognostic factors associated with mortality risk and disease progression in 639 critically ill patients with COVID-19 in Europe: Initial report of the international RISC-19-ICU prospective observational cohort. <i>EClinicalMedicine</i> , 2020, 25, 100449.	7.1	155
3	Definition and epidemiology of acute respiratory distress syndrome. <i>Annals of Translational Medicine</i> , 2017, 5, 282-282.	1.7	151
4	Long-term outcomes of patients with cerebral vein thrombosis: a multicenter study. <i>Journal of Thrombosis and Haemostasis</i> , 2012, 10, 1297-1302.	3.8	129
5	Hypoxia treatment reverses neurodegenerative disease in a mouse model of Leigh syndrome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E4241-E4250.	7.1	117
6	Noninvasive Ventilatory Support of Patients with COVID-19 outside the Intensive Care Units (WARD-COVID). <i>Annals of the American Thoracic Society</i> , 2021, 18, 1020-1026.	3.2	111
7	β-Glucan extracts from the same edible shiitake mushroom <i>Lentinus edodes</i> produce differential in-vitro immunomodulatory and pulmonary cytoprotective effects – Implications for coronavirus disease (COVID-19) immunotherapies. <i>Science of the Total Environment</i> , 2020, 732, 139330.	8.0	105
8	Nitric Oxide Decreases Acute Kidney Injury and Stage 3 Chronic Kidney Disease after Cardiac Surgery. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, 1279-1287.	5.6	99
9	β-Glucan Metabolic and Immunomodulatory Properties and Potential for Clinical Application. <i>Journal of Fungi (Basel, Switzerland)</i> , 2020, 6, 356.	3.5	87
10	Validation and utility of ARDS subphenotypes identified by machine-learning models using clinical data: an observational, multicohort, retrospective analysis. <i>Lancet Respiratory Medicine</i> , 2022, 10, 367-377.	10.7	64
11	Emerging pharmacological therapies for ARDS: COVID-19 and beyond. <i>Intensive Care Medicine</i> , 2020, 46, 2265-2283.	8.2	52
12	Demographics, management and outcome of females and males with acute respiratory distress syndrome in the LUNG SAFE prospective cohort study. <i>European Respiratory Journal</i> , 2019, 54, 1900609.	6.7	49
13	Low-dose aspirin for in vitro fertilization or intracytoplasmic sperm injection: a systematic review and a meta-analysis of the literature. <i>Journal of Thrombosis and Haemostasis</i> , 2012, 10, 2075-2085.	3.8	45
14	Impact of Early Acute Kidney Injury on Management and Outcome in Patients With Acute Respiratory Distress Syndrome: A Secondary Analysis of a Multicenter Observational Study*. <i>Critical Care Medicine</i> , 2019, 47, 1216-1225.	0.9	36
15	Improvement in Outcomes After Cardiac Arrest and Resuscitation by Inhibition of S-Nitrosoglutathione Reductase. <i>Circulation</i> , 2019, 139, 815-827.	1.6	36
16	Patterns of Use of Adjunctive Therapies in Patients With Early Moderate to Severe ARDS. <i>Chest</i> , 2020, 157, 1497-1505.	0.8	35
17	CT image segmentation for inflamed and fibrotic lungs using a multi-resolution convolutional neural network. <i>Scientific Reports</i> , 2021, 11, 1455.	3.3	32
18	Development of a Critical Care Response - Experiences from Italy During the Coronavirus Disease 2019 Pandemic. <i>Anesthesiology Clinics</i> , 2021, 39, 265-284.	1.4	32

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19	Hyperoxemia and excess oxygen use in early acute respiratory distress syndrome: insights from the LUNG SAFE study. <i>Critical Care</i> , 2020, 24, 125.	5.8	29
20	Prone positioning during venovenous extracorporeal membrane oxygenation for acute respiratory distress syndrome: a pooled individual patient data analysis. <i>Critical Care</i> , 2022, 26, 8.	5.8	28
21	Endothelial dysfunction inhibits the ability of haptoglobin to prevent hemoglobin-induced hypertension. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017, 312, H1120-H1127.	3.2	27
22	How I set up positive end-expiratory pressure: evidence- and physiology-based!. <i>Critical Care</i> , 2019, 23, 412.	5.8	27
23	Paradoxical Effect of Chest Wall Compression on Respiratory System Compliance. <i>Chest</i> , 2021, 160, 1335-1339.	0.8	27
24	Pulmonary and Systemic Vascular Resistances After Cardiopulmonary Bypass: Role of Hemolysis. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2017, 31, 505-515.	1.3	25
25	Cardiac Output Measurements Based on the Pulse Wave Transit Time and Thoracic Impedance Exhibit Limited Agreement With Thermodilution Method During Orthotopic Liver Transplantation. <i>Anesthesia and Analgesia</i> , 2018, 126, 85-92.	2.2	25
26	Efficacy of low molecular weight heparin in patients undergoing in vitro fertilization or intracytoplasmic sperm injection. <i>Journal of Thrombosis and Haemostasis</i> , 2011, 9, 2503-2506.	3.8	24
27	Cardiopulmonary Resuscitation-associated Lung Edema (CRALE). A Translational Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 203, 447-457.	5.6	22
28	Protocol of a randomised controlled trial in cardiac surgical patients with endothelial dysfunction aimed to prevent postoperative acute kidney injury by administering nitric oxide gas. <i>BMJ Open</i> , 2019, 9, e026848.	1.9	21
29	Immunomodulatory activity of β -glucan polysaccharides isolated from different species of mushroom – A potential treatment for inflammatory lung conditions. <i>Science of the Total Environment</i> , 2022, 809, 152177.	8.0	21
30	Nitric oxide: Clinical applications in critically ill patients. <i>Nitric Oxide - Biology and Chemistry</i> , 2022, 121, 20-33.	2.7	21
31	Patterns and Impact of Arterial CO ₂ Management in Patients With Acute Respiratory Distress Syndrome. <i>Chest</i> , 2020, 158, 1967-1982.	0.8	19
32	Free Hemoglobin Ratio as a Novel Biomarker of Acute Kidney Injury After On-Pump Cardiac Surgery: Secondary Analysis of a Randomized Controlled Trial. <i>Anesthesia and Analgesia</i> , 2021, 132, 1548-1558.	2.2	19
33	ABO blood types and major outcomes in patients with acute hypoxaemic respiratory failure: A multicenter retrospective cohort study. <i>PLoS ONE</i> , 2018, 13, e0206403.	2.5	18
34	Clinical value of electrical impedance tomography (EIT) in the management of patients with acute respiratory failure: a single centre experience. <i>Physiological Measurement</i> , 2021, 42, 074003.	2.1	18
35	Electric Plasma-generated Nitric Oxide: Hemodynamic Effects in Patients with Pulmonary Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 194, 1168-1170.	5.6	16
36	Extracorporeal Chloride Removal by Electrodialysis. A Novel Approach to Correct Acidemia. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 201, 799-813.	5.6	16

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37	Exploiting immunomodulatory properties of Î²-glucans derived from natural products for improving health and sustainability in aquaculture-farmed organisms: Concise review of existing knowledge, innovation and future opportunities. <i>Current Opinion in Environmental Science and Health</i> , 2021, 21, 100248.	4.1	16
38	Inhaled nitric oxide: role in the pathophysiology of cardio-cerebrovascular and respiratory diseases. <i>Intensive Care Medicine Experimental</i> , 2022, 10, .	1.9	16
39	Comparison of Two Approaches to Estimate Driving Pressure during Assisted Ventilation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 1595-1598.	5.6	15
40	Î²-Glucans. <i>Encyclopedia</i> , 2021, 1, 831-847.	4.5	15
41	Î²-Glucans from Yeast as Immunomodulators from Novel Waste Resources. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 5208.	2.5	14
42	Death in hospital following ICU discharge: insights from the LUNG SAFE study. <i>Critical Care</i> , 2021, 25, 144.	5.8	12
43	Difference between prolonged versus standard duration of prone position in COVID-19 patients: a retrospective study. <i>Minerva Anestesiologica</i> , 2021, 87, 1383-1385.	1.0	12
44	Helmet and face mask for non-invasive respiratory support in patients with acute hypoxemic respiratory failure: A retrospective study. <i>Journal of Critical Care</i> , 2021, 65, 56-61.	2.2	10
45	External chest-wall compression in prolonged COVID-19 ARDS with low-compliance: a physiological study. <i>Annals of Intensive Care</i> , 2022, 12, 35.	4.6	10
46	Incidence Rates and Case-Fatality Rates of Cerebral Vein Thrombosis: A Population-Based Study. <i>Stroke</i> , 2021, 52, 3578-3585.	2.0	9
47	Hexarelin modulates lung mechanics, inflammation, and fibrosis in acute lung injury. <i>Drug Target Insights</i> , 2021, 15, 26-33.	1.4	7
48	Presence of comorbidities alters management and worsens outcome of patients with acute respiratory distress syndrome: insights from the LUNG SAFE study. <i>Annals of Intensive Care</i> , 2022, 12, .	4.6	7
49	Accessory and Expiratory Muscles Activation During Spontaneous Breathing Trial: A Physiological Study by Surface Electromyography. <i>Frontiers in Medicine</i> , 2022, 9, 814219.	2.6	6
50	Identification of Biological Phenotypes in Acute Respiratory Distress Syndrome. From Biomarkers to Clinical Outcome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 1209-1211.	5.6	5
51	Ion-Exchange Resin Anticoagulation (I-ERA). <i>Shock</i> , 2016, 46, 304-311.	2.1	4
52	Pathogenic Link Between Postextubation Pneumonia and Ventilator-Associated Pneumonia: An Experimental Study. <i>Anesthesia and Analgesia</i> , 2017, 124, 1339-1346.	2.2	4
53	The Safety and Efficiency of Addressing ARDS Using Stem Cell Therapies in Clinical Trials. , 2019, , 219-238.		4
54	Impact of lung structure on airway opening index during mechanical versus manual chest compressions in a porcine model of cardiac arrest. <i>Respiratory Physiology and Neurobiology</i> , 2021, 296, 103807.	1.6	4

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55	Antiphospholipid Syndrome During Septic Shock: Hyper- or Hypocoagulability?: A Case Report. <i>A&A Practice</i> , 2019, 13, 306-309.	0.4	3
56	An Artificial Cough Maneuver to Remove Secretions From Below the Endotracheal Tube Cuff. <i>Respiratory Care</i> , 2019, 64, 372-383.	1.6	3
57	Sex-related characteristics of cerebral vein thrombosis: A secondary analysis of a multicenter international cohort study. <i>Thrombosis Research</i> , 2020, 196, 371-374.	1.7	3
58	Sepsis Therapies: Insights from Population Health to Cellular Therapies and Genomic Medicine. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, 1570-1572.	5.6	2
59	Sepsis: Therapeutic Potential of Immunosuppression versus Immunostimulation. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019, 60, 128-130.	2.9	2
60	Acute Hypoxaemic Respiratory Failure and Acute Respiratory Distress Syndrome. , 2022, , 149-163.		2
61	Prevention of Lung Bacterial Colonization With a Leak-Proof Endotracheal Tube Cuff: An Experimental Animal Study. <i>Respiratory Care</i> , 2019, 64, 1031-1041.	1.6	1
62	Reply to He <i>et al.</i> . <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 204, 741-743.	5.6	1
63	The Severe ARDS Generating Evidence (SAGE) Study. <i>Chest</i> , 2021, 160, 1167-1168.	0.8	1
64	PEEP Setting in ARDS. , 2022, , 187-197.		1
65	CO2 Oscillation during Cardiopulmonary Resuscitation: The Role of Respiratory System Compliance. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 199, 1290-1291.	5.6	0
66	Vignettes: Assisted Mechanical Ventilation. , 2022, , 417-428.		0