

# V Marco Ranieri

## 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.

79 papers	17,749 citations	34 h-index	92 g-index
92 ext. papers	22,238 ext. citations	11.1 avg, IF	6.58 L-index

#	Paper	IF	Citations
79	Acute respiratory distress syndrome: the Berlin Definition. <i>JAMA - Journal of the American Medical Association</i> , <b>2012</b> , 307, 2526-33	27.4	4919
78	Lung recruitment in patients with the acute respiratory distress syndrome. <i>New England Journal of Medicine</i> , <b>2006</b> , 354, 1775-86	59.2	3664
77	Epidemiology, Patterns of Care, and Mortality for Patients With Acute Respiratory Distress Syndrome in Intensive Care Units in 50 Countries. <i>JAMA - Journal of the American Medical Association</i> , <b>2016</b> , 315, 788-800	27.4	2131
76	Ventilator-induced lung injury. <i>New England Journal of Medicine</i> , <b>2013</b> , 369, 2126-36	59.2	1515
75	An Official American Thoracic Society/European Society of Intensive Care Medicine/Society of Critical Care Medicine Clinical Practice Guideline: Mechanical Ventilation in Adult Patients with Acute Respiratory Distress Syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2017</b> , 195, 1253-1263	10.2	674
74	Risk Factors Associated With Mortality Among Patients With COVID-19 in Intensive Care Units in Lombardy, Italy. <i>JAMA Internal Medicine</i> , <b>2020</b> , 180, 1345-1355	11.5	604
73	Tidal hyperinflation during low tidal volume ventilation in acute respiratory distress syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2007</b> , 175, 160-6	10.2	545
72	Tidal volume lower than 6 ml/kg enhances lung protection: role of extracorporeal carbon dioxide removal. <i>Anesthesiology</i> , <b>2009</b> , 111, 826-35	4.3	424
71	The application of esophageal pressure measurement in patients with respiratory failure. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2014</b> , 189, 520-31	10.2	318
70	Pathophysiology of COVID-19-associated acute respiratory distress syndrome: a multicentre prospective observational study. <i>Lancet Respiratory Medicine</i> , <b>2020</b> , 8, 1201-1208	35.1	293
69	Association between driving pressure and development of postoperative pulmonary complications in patients undergoing mechanical ventilation for general anaesthesia: a meta-analysis of individual patient data. <i>Lancet Respiratory Medicine</i> , <b>2016</b> , 4, 272-80	35.1	264
68	Effects of positive end-expiratory pressure on alveolar recruitment and gas exchange in patients with the adult respiratory distress syndrome. <i>The American Review of Respiratory Disease</i> , <b>1991</b> , 144, 544-51		232
67	Epidemiology of Invasive Pulmonary Aspergillosis Among Intubated Patients With COVID-19: A Prospective Study. <i>Clinical Infectious Diseases</i> , <b>2021</b> , 73, e3606-e3614	11.6	176
66	Extracorporeal CO <sub>2</sub> removal in hypercapnic patients at risk of noninvasive ventilation failure: a matched cohort study with historical control. <i>Critical Care Medicine</i> , <b>2015</b> , 43, 120-7	1.4	126
65	Feasibility and clinical impact of out-of-ICU noninvasive respiratory support in patients with COVID-19-related pneumonia. <i>European Respiratory Journal</i> , <b>2020</b> , 56,	13.6	112
64	Associations between ventilator settings during extracorporeal membrane oxygenation for refractory hypoxemia and outcome in patients with acute respiratory distress syndrome: a pooled individual patient data analysis : Mechanical ventilation during ECMO. <i>Intensive Care Medicine</i> , <b>2016</b> , 42, 1672-1684	14.5	112
63	Feasibility and safety of extracorporeal CO removal to enhance protective ventilation in acute respiratory distress syndrome: the SUPERNOVA study. <i>Intensive Care Medicine</i> , <b>2019</b> , 45, 592-600	14.5	103

62	Effect of Helmet Noninvasive Ventilation vs High-Flow Nasal Oxygen on Days Free of Respiratory Support in Patients With COVID-19 and Moderate to Severe Hypoxemic Respiratory Failure: The HENIVOT Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , <b>2021</b> , 325, 1731-1743	27.4	103
61	Venovenous extracorporeal membrane oxygenation for acute respiratory failure : A clinical review from an international group of experts. <i>Intensive Care Medicine</i> , <b>2016</b> , 42, 712-724	14.5	91
60	Pulmonary embolism in patients with coronavirus disease-2019 (COVID-19) pneumonia: a narrative review. <i>Annals of Intensive Care</i> , <b>2020</b> , 10, 124	8.9	82
59	Pulmonary atelectasis during low stretch ventilation: "open lung" versus "lung rest" strategy. <i>Critical Care Medicine</i> , <b>2009</b> , 37, 1046-53	1.4	79
58	Hospital-Acquired Infections in Critically Ill Patients With COVID-19. <i>Chest</i> , <b>2021</b> , 160, 454-465	5.3	64
57	Respiratory support in patients with acute respiratory distress syndrome: an expert opinion. <i>Critical Care</i> , <b>2017</b> , 21, 240	10.8	62
56	How important is obesity as a risk factor for respiratory failure, intensive care admission and death in hospitalised COVID-19 patients? Results from a single Italian centre. <i>European Journal of Endocrinology</i> , <b>2020</b> , 183, 389-397	6.5	60
55	Effect of Intravenous Interferon $\beta$ 1a on Death and Days Free From Mechanical Ventilation Among Patients With Moderate to Severe Acute Respiratory Distress Syndrome: A Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , <b>2020</b> , 323, 725-733	27.4	59
54	Extracorporeal carbon dioxide removal (ECCOR) in patients with acute respiratory failure. <i>Intensive Care Medicine</i> , <b>2017</b> , 43, 519-530	14.5	58
53	Mechanical Ventilation for Acute Respiratory Distress Syndrome during Extracorporeal Life Support. Research and Practice. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2020</b> , 201, 514-525	10.2	50
52	Prone position in intubated, mechanically ventilated patients with COVID-19: a multi-centric study of more than 1000 patients. <i>Critical Care</i> , <b>2021</b> , 25, 128	10.8	49
51	Noninvasive Ventilatory Support of Patients with COVID-19 outside the Intensive Care Units (WARD-COVID). <i>Annals of the American Thoracic Society</i> , <b>2021</b> , 18, 1020-1026	4.7	48
50	Fifty Years of Research in ARDS. Is Extracorporeal Circulation the Future of Acute Respiratory Distress Syndrome Management?. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2017</b> , 195, 1161-1170	10.2	47
49	Extracorporeal organ support (ECOS) in critical illness and acute kidney injury: from native to artificial organ crosstalk. <i>Intensive Care Medicine</i> , <b>2018</b> , 44, 1447-1459	14.5	46
48	Effects of dexmedetomidine and propofol on patient-ventilator interaction in difficult-to-wean, mechanically ventilated patients: a prospective, open-label, randomised, multicentre study. <i>Critical Care</i> , <b>2016</b> , 20, 206	10.8	42
47	Efficacy of corticosteroid treatment for hospitalized patients with severe COVID-19: a multicentre study. <i>Clinical Microbiology and Infection</i> , <b>2021</b> , 27, 105-111	9.5	41
46	Extracorporeal life support for adults with acute respiratory distress syndrome. <i>Intensive Care Medicine</i> , <b>2020</b> , 46, 2464-2476	14.5	40
45	Polymyxin-B hemoperfusion in septic patients: analysis of a multicenter registry. <i>Annals of Intensive Care</i> , <b>2016</b> , 6, 77	8.9	33

44	Factors influencing liberation from mechanical ventilation in coronavirus disease 2019: multicenter observational study in fifteen Italian ICUs. <i>Journal of Intensive Care</i> , <b>2020</b> , 8, 80	7	30
43	Incidence and Prognosis of Ventilator-Associated Pneumonia in Critically Ill Patients with COVID-19: A Multicenter Study. <i>Journal of Clinical Medicine</i> , <b>2021</b> , 10,	5.1	28
42	A literature review of 2019 novel coronavirus (SARS-CoV2) infection in neonates and children. <i>Pediatric Research</i> , <b>2021</b> , 89, 1101-1108	3.2	26
41	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> , <b>2019</b> , 47, 1216-1225	1.4	22
40	One ventilator for two patients: feasibility and considerations of a last resort solution in case of equipment shortage. <i>Thorax</i> , <b>2020</b> , 75, 517-519	7.3	21
39	Research in Extracorporeal Life Support: A Call to Action. <i>Chest</i> , <b>2018</b> , 153, 788-791	5.3	21
38	Determinants of the effect of extracorporeal carbon dioxide removal in the SUPERNOVA trial: implications for trial design. <i>Intensive Care Medicine</i> , <b>2019</b> , 45, 1219-1230	14.5	19
37	Extracorporeal Organ Support: From Technological Tool to Clinical Strategy Supporting Severe Organ Failure. <i>JAMA - Journal of the American Medical Association</i> , <b>2017</b> , 318, 1105-1106	27.4	18
36	Efficacy and safety of lower versus higher CO extraction devices to allow ultraprotective ventilation: secondary analysis of the SUPERNOVA study. <i>Thorax</i> , <b>2019</b> , 74, 1179-1181	7.3	18
35	Surfactant replacement might help recovery of low-compliance lung in severe COVID-19 pneumonia. <i>Therapeutic Advances in Respiratory Disease</i> , <b>2020</b> , 14, 1753466620951043	4.9	16
34	Noninvasive respiratory support outside the intensive care unit for acute respiratory failure related to coronavirus-19 disease: a systematic review and meta-analysis. <i>Critical Care</i> , <b>2021</b> , 25, 268	10.8	15
33	Sustained oxygenation improvement after first prone positioning is associated with liberation from mechanical ventilation and mortality in critically ill COVID-19 patients: a cohort study. <i>Annals of Intensive Care</i> , <b>2021</b> , 11, 63	8.9	14
32	The Prevention of Respiratory Insufficiency after Surgical Management (PRISM) Trial. Report of the protocol for a pragmatic randomized controlled trial of CPAP to prevent respiratory complications and improve survival following major abdominal surgery. <i>Minerva Anestesiologica</i> , <b>2017</b> , 83, 175-182	1.9	13
31	Multi-centre, three arm, randomized controlled trial on the use of methylprednisolone and unfractionated heparin in critically ill ventilated patients with pneumonia from SARS-CoV-2 infection: A structured summary of a study protocol for a randomised controlled trial. <i>Trials</i> , <b>2020</b> , 21, 724	2.8	13
30	Pathophysiology of COVID-19-associated acute respiratory distress syndrome - AuthorsReply. <i>Lancet Respiratory Medicine</i> , <b>2021</b> , 9, e5-e6	35.1	13
29	Comparison of the efficacy and safety of FP-1201-lyo (intravenously administered recombinant human interferon beta-1a) and placebo in the treatment of patients with moderate or severe acute respiratory distress syndrome: study protocol for a randomized controlled trial. <i>Trials</i> , <b>2017</b> , 18, 536	2.8	12
28	Alveolar recruitment in acute respiratory distress syndrome: should we open the lung (no matter what) or may accept (part of) the lung closed?. <i>Intensive Care Medicine</i> , <b>2019</b> , 45, 1436-1439	14.5	12
27	Extracorporeal support for severe acute respiratory failure. <i>Seminars in Respiratory and Critical Care Medicine</i> , <b>2014</b> , 35, 519-27	3.9	12

26	The lower respiratory tract microbiome of critically ill patients with COVID-19. <i>Scientific Reports</i> , <b>2021</b> , 11, 10103	4.9	12
25	Quality of life of COVID-19 critically ill survivors after ICU discharge: 90-days follow-up. <i>Quality of Life Research</i> , <b>2021</b> , 30, 2805-2817	3.7	12
24	Outcome of acute hypoxaemic respiratory failure: insights from the LUNG SAFE Study. <i>European Respiratory Journal</i> , <b>2021</b> , 57,	13.6	11
23	Extracorporeal Carbon Dioxide Removal Using a Renal Replacement Therapy Platform to Enhance Lung-Protective Ventilation in Hypercapnic Patients With Coronavirus Disease 2019-Associated Acute Respiratory Distress Syndrome. <i>Frontiers in Medicine</i> , <b>2020</b> , 7, 598379	4.9	9
22	Interaction between peri-operative blood transfusion, tidal volume, airway pressure and postoperative ARDS: an individual patient data meta-analysis. <i>Annals of Translational Medicine</i> , <b>2018</b> , 6, 23	3.2	8
21	Feasibility of lung microdialysis to assess metabolism during clinical ex vivo lung perfusion. <i>Journal of Heart and Lung Transplantation</i> , <b>2019</b> , 38, 267-276	5.8	8
20	Standardizing PaO <sub>2</sub> for PaCO <sub>2</sub> in P/F ratio predicts in-hospital mortality in acute respiratory failure due to Covid-19: A pilot prospective study. <i>European Journal of Internal Medicine</i> , <b>2021</b> , 92, 48-54	3.9	7
19	Health-related quality of life profiles, trajectories, persistent symptoms and pulmonary function one year after ICU discharge in invasively ventilated COVID-19 patients, a prospective follow-up study. <i>Respiratory Medicine</i> , <b>2021</b> , 189, 106665	4.6	5
18	Mechanical ventilation: we have come a long way but still have a long road ahead. <i>Lancet Respiratory Medicine</i> , <b>2017</b> , 5, 922-924	35.1	4
17	Hypothermic Oxygenated Perfusion Versus Static Cold Storage for Expanded Criteria Donors in Liver and Kidney Transplantation: Protocol for a Single-Center Randomized Controlled Trial. <i>JMIR Research Protocols</i> , <b>2020</b> , 9, e13922	2	4
16	Clinical performance of lung ultrasound in predicting ARDS morphology. <i>Annals of Intensive Care</i> , <b>2021</b> , 11, 51	8.9	4
15	Clinical implications of microvascular CT scan signs in COVID-19 patients requiring invasive mechanical ventilation.. <i>Radiologia Medica</i> , <b>2022</b> , 127, 162	6.5	3
14	Occurrence of ventilator associated pneumonia using a tracheostomy tube with subglottic secretion drainage. <i>Minerva Anestesiologica</i> , <b>2020</b> , 86, 844-852	1.9	3
13	Static compliance and driving pressure are associated with ICU mortality in intubated COVID-19 ARDS. <i>Critical Care</i> , <b>2021</b> , 25, 263	10.8	3
12	Respiratory consequences of intra-abdominal hypertension. <i>Minerva Anestesiologica</i> , <b>2020</b> , 86, 877-883	1.9	2
11	Antiviral activity of interferon-based combination therapy in critically ill patients with COVID-19: Preliminary observations. <i>Journal of Global Antimicrobial Resistance</i> , <b>2021</b> , 24, 124-126	3.4	2
10	Temporal changes in the epidemiology, management, and outcome from acute respiratory distress syndrome in European intensive care units: a comparison of two large cohorts. <i>Critical Care</i> , <b>2021</b> , 25, 87	10.8	2
9	Reversed differential cyanosis during veno-arterial extracorporeal membrane oxygenation in infants: the reevaluation of an old phenomenon. <i>European Journal of Heart Failure</i> , <b>2017</b> , 19 Suppl 2, 117-119	12.3	2

8	COVID-19 Vaccination Status Among Adults Admitted to Intensive Care Units in Veneto, Italy. <i>JAMA Network Open</i> , <b>2022</b> , 5, e2213553	10.4	2
7	Protective ventilation in patients with acute respiratory distress syndrome related to COVID-19: always, sometimes or never?. <i>Current Opinion in Critical Care</i> , <b>2021</b> , 28,	3.5	1
6	Impact of imipenem concentration in lung perfusate and tissue biopsy during clinical ex-vivo lung perfusion of high-risk lung donors. <i>Minerva Anestesiologica</i> , <b>2020</b> , 86, 617-626	1.9	1
5	Extracorporeal carbon dioxide removal for treatment of exacerbated chronic obstructive pulmonary disease (ORION): study protocol for a randomised controlled trial. <i>Trials</i> , <b>2021</b> , 22, 718	2.8	1
4	Addressing gender imbalance in intensive care. <i>Critical Care</i> , <b>2021</b> , 25, 147	10.8	1
3	The clinical spectrum of pulmonary thromboembolism in patients with coronavirus disease-2019 (COVID-19) pneumonia: A European case series. <i>Journal of Critical Care</i> , <b>2021</b> , 61, 39-44	4	1
2	Pressure support ventilation + sigh in acute hypoxemic respiratory failure patients: study protocol for a pilot randomized controlled trial, the PROTECTION trial. <i>Trials</i> , <b>2018</b> , 19, 460	2.8	1
1	Cardiopulmonary Monitoring in the Patient with an Inflamed Lung <b>2021</b> , 729-739		