

# Gianmaria Cammarota

## 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.

67

papers

1,247

citations

20

h-index

34

g-index

75

ext. papers

1,673

ext. citations

5

avg, IF

4.24

L-index

#	Paper	IF	Citations
67	Physiologic response to varying levels of pressure support and neurally adjusted ventilatory assist in patients with acute respiratory failure. <i>Intensive Care Medicine</i> , <b>2008</b> , 34, 2010-8	14.5	161
66	Efficacy of ventilator waveforms observation in detecting patient-ventilator asynchrony. <i>Critical Care Medicine</i> , <b>2011</b> , 39, 2452-7	1.4	148
65	Effects of propofol on patient-ventilator synchrony and interaction during pressure support ventilation and neurally adjusted ventilatory assist. <i>Critical Care Medicine</i> , <b>2014</b> , 42, 74-82	1.4	92
64	A new setting to improve noninvasive neurally adjusted ventilatory assist by helmet. <i>Critical Care</i> , <b>2014</b> , 18, P269	10.8	78
63	Noninvasive ventilation through a helmet in postextubation hypoxemic patients: physiologic comparison between neurally adjusted ventilatory assist and pressure support ventilation. <i>Intensive Care Medicine</i> , <b>2011</b> , 37, 1943-50	14.5	66
62	Noninvasive ventilation after early extubation in patients recovering from hypoxemic acute respiratory failure: a single-centre feasibility study. <i>Intensive Care Medicine</i> , <b>2012</b> , 38, 1599-606	14.5	47
61	Neurally adjusted ventilatory assist in preterm neonates with acute respiratory failure. <i>Neonatology</i> , <b>2015</b> , 107, 60-7	4	40
60	High-Flow Oxygen Therapy After Noninvasive Ventilation Interruption in Patients Recovering From Hypercapnic Acute Respiratory Failure: A Physiological Crossover Trial. <i>Critical Care Medicine</i> , <b>2019</b> , 47, e506-e511	1.4	39
59	Early extubation followed by immediate noninvasive ventilation vs. standard extubation in hypoxemic patients: a randomized clinical trial. <i>Intensive Care Medicine</i> , <b>2019</b> , 45, 62-71	14.5	36
58	New Setting of Neurally Adjusted Ventilatory Assist during Noninvasive Ventilation through a Helmet. <i>Anesthesiology</i> , <b>2016</b> , 125, 1181-1189	4.3	32
57	Remifentanyl effects on respiratory drive and timing during pressure support ventilation and neurally adjusted ventilatory assist. <i>Respiratory Physiology and Neurobiology</i> , <b>2017</b> , 244, 10-16	2.8	32
56	New versus Conventional Helmet for Delivering Noninvasive Ventilation: A Physiologic, Crossover Randomized Study in Critically Ill Patients. <i>Anesthesiology</i> , <b>2016</b> , 124, 101-8	4.3	31
55	Bench comparative evaluation of a new generation and standard helmet for delivering non-invasive ventilation. <i>Intensive Care Medicine</i> , <b>2013</b> , 39, 734-8	14.5	28
54	Cerebral nervous system vasculitis in a Covid-19 patient with pneumonia. <i>Journal of Clinical Neuroscience</i> , <b>2020</b> , 79, 71-73	2.2	28
53	Patient-ventilator asynchrony in adult critically ill patients. <i>Minerva Anestesiologica</i> , <b>2019</b> , 85, 676-688	1.9	27
52	New setting of neurally adjusted ventilatory assist for noninvasive ventilation by facial mask: a physiologic study. <i>Critical Care</i> , <b>2017</b> , 21, 170	10.8	26
51	Diaphragmatic Ultrasound Assessment in Subjects With Acute Hypercapnic Respiratory Failure Admitted to the Emergency Department. <i>Respiratory Care</i> , <b>2019</b> , 64, 1469-1477	2.1	24

50	Tidal volume challenge to predict fluid responsiveness in the operating room: An observational study. <i>European Journal of Anaesthesiology</i> , <b>2019</b> , 36, 583-591	2.3	24
49	Influence of lung collapse distribution on the physiologic response to recruitment maneuvers during noninvasive continuous positive airway pressure. <i>Intensive Care Medicine</i> , <b>2011</b> , 37, 1095-102	14.5	21
48	Outcomes of COVID-19 patients treated with continuous positive airway pressure outside the intensive care unit. <i>ERJ Open Research</i> , <b>2021</b> , 7,	3.5	21
47	Neurally-Adjusted Ventilatory Assist for Noninvasive Ventilation via a Helmet in Subjects With COPD Exacerbation: A Physiologic Study. <i>Respiratory Care</i> , <b>2019</b> , 64, 582-589	2.1	20
46	Thoracic epidural analgesia in post-thoracotomy patients: comparison of three different concentrations of levobupivacaine and sufentanil. <i>British Journal of Anaesthesia</i> , <b>2009</b> , 102, 418-23	5.4	18
45	Comparisons of two diaphragm ultrasound-teaching programs: a multicenter randomized controlled educational study. <i>Ultrasound Journal</i> , <b>2019</b> , 11, 21	4.1	17
44	High Flow Through Nasal Cannula in Stable and Exacerbated Chronic Obstructive Pulmonary Disease Patients. <i>Reviews on Recent Clinical Trials</i> , <b>2019</b> , 14, 247-260	1.2	16
43	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
42	Evaluation of a New Interface Combining High-Flow Nasal Cannula and CPAP. <i>Respiratory Care</i> , <b>2019</b> , 64, 1231-1239	2.1	13
41	Assessment of Fluid Responsiveness in Prone Neurosurgical Patients Undergoing Protective Ventilation: Role of Dynamic Indices, Tidal Volume Challenge, and End-Expiratory Occlusion Test. <i>Anesthesia and Analgesia</i> , <b>2020</b> , 130, 752-761	3.9	12
40	Insights into neurological dysfunction of critically ill COVID-19 patients. <i>Trends in Anaesthesia and Critical Care</i> , <b>2021</b> , 36, 30-38	0.4	12
39	Patient-ventilator asynchrony affects pulse pressure variation prediction of fluid responsiveness. <i>Journal of Critical Care</i> , <b>2015</b> , 30, 1067-71	4	11
38	Critical Care Surge Capacity to Respond to the COVID-19 Pandemic in Italy: A Rapid and Affordable Solution in the Novara Hospital. <i>Prehospital and Disaster Medicine</i> , <b>2020</b> , 35, 431-433	0.8	11
37	Predictors of intubation in COVID-19 patients treated with out-of-ICU continuous positive airway pressure. <i>Pulmonology</i> , <b>2021</b> ,	3.7	11
36	High-dose rocuronium for rapid-sequence induction and reversal with sugammadex in two myasthenic patients. <i>Acta Anaesthesiologica Scandinavica</i> , <b>2014</b> , 58, 1154-8	1.9	7
35	Effect of awake prone position on diaphragmatic thickening fraction in patients assisted by noninvasive ventilation for hypoxemic acute respiratory failure related to novel coronavirus disease. <i>Critical Care</i> , <b>2021</b> , 25, 305	10.8	7
34	Diaphragmatic Dysfunction After Elective Cardiac Surgery: A Prospective Observational Study. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , <b>2020</b> , 34, 3336-3344	2.1	6
33	Sigh maneuver to enhance assessment of fluid responsiveness during pressure support ventilation. <i>Critical Care</i> , <b>2019</b> , 23, 31	10.8	5

32	Cardiac cycle efficiency and dicrotic pressure variations: new parameters for fluid therapy: An observational study. <i>European Journal of Anaesthesiology</i> , <b>2017</b> , 34, 755-763	2.3	5
31	Esophageal Pressure Versus Gas Exchange to Set PEEP During Intraoperative Ventilation. <i>Respiratory Care</i> , <b>2020</b> , 65, 625-635	2.1	4
30	Mechanical Ventilation Guided by Uncalibrated Esophageal Pressure May Be Potentially Harmful. <i>Anesthesiology</i> , <b>2020</b> , 133, 145-153	4.3	4
29	Chest physiotherapy improves lung aeration in hypersecretive critically ill patients: a pilot randomized physiological study. <i>Critical Care</i> , <b>2020</b> , 24, 479	10.8	4
28	Bedside Cardiac Pocus in Emergency Setting: A Practice Review. <i>Reviews on Recent Clinical Trials</i> , <b>2020</b> , 15, 269-277	1.2	4
27	Inferior Vena Cava Filter in a Patient with COVID-19 Pneumonia to Prevent a Massive Pulmonary Embolism. <i>Annals of Vascular Surgery</i> , <b>2020</b> , 68, 95-97	1.7	3
26	Osteopontin in the Cerebrospinal Fluid of Patients with Severe Aneurysmal Subarachnoid Hemorrhage. <i>Cells</i> , <b>2019</b> , 8,	7.9	3
25	Oesophageal balloon calibration during pressure support ventilation: a proof of concept study. <i>Journal of Clinical Monitoring and Computing</i> , <b>2020</b> , 34, 1223-1231	2	3
24	Neurally adjusted ventilatory assist <b>2012</b> , 116-123		2
23	Mechanical ventilation weaning issues can be counted on the fingers of just one hand: part 2. <i>Ultrasound Journal</i> , <b>2020</b> , 12, 15	4.1	2
22	Carotid vs aortic velocity time integral and peak velocity to predict fluid responsiveness in mechanically ventilated patients. A comparative study. <i>Minerva Anestesiologica</i> , <b>2021</b> ,	1.9	2
21	Multivariable haemodynamic approach to predict the fluid challenge response: A multicentre cohort study. <i>European Journal of Anaesthesiology</i> , <b>2021</b> , 38, 22-31	2.3	2
20	Diaphragmatic Kinetics Assessment by Tissue Doppler Imaging and Extubation Outcome. <i>Respiratory Care</i> , <b>2021</b> , 66, 983-993	2.1	2
19	PEEP-induced alveolar recruitment in patients with COVID-19 pneumonia: take the right time!. <i>Critical Care</i> , <b>2021</b> , 25, 163	10.8	2
18	Early extubation with immediate non-invasive ventilation versus standard weaning in intubated patients for coronavirus disease 2019: a retrospective multicenter study. <i>Scientific Reports</i> , <b>2021</b> , 11, 13418	4.9	2
17	Esophageal balloon calibration during Sigh: A physiologic, randomized, cross-over study. <i>Journal of Critical Care</i> , <b>2021</b> , 61, 125-132	4	2
16	Oxygenation strategies during flexible bronchoscopy: a review of the literature. <i>Respiratory Research</i> , <b>2021</b> , 22, 253	7.3	2
15	Diaphragmatic excursion tissue Doppler sonographic assessment. <i>Intensive Care Medicine</i> , <b>2020</b> , 46, 1759-1760	4.7	1

14	Level of Diffusion and Training of Lung Ultrasound during the COVID-19 Pandemic - A National Online Italian Survey (ITALUS) from the Lung Ultrasound Working Group of the Italian Society of Anesthesia, Analgesia, Resuscitation, and Intensive Care (SIAARTI). <i>Ultraschall in Der Medizin</i> , <b>2021</b> ,	3.8	1
13	Ultrasound diaphragmatic excursion during non-invasive ventilation in ICU: a prospective observational study. <i>Acta Biomedica</i> , <b>2021</b> , 92, e2021269	3.2	1
12	Italian Society of Anesthesia, Analgesia, Resuscitation, and Intensive Care expert consensus statement on the use of lung ultrasound in critically ill patients with coronavirus disease 2019 (ITACO) <b>2021</b> , 1,		1
11	Association between preoperative evaluation with lung ultrasound and outcome in frail elderly patients undergoing orthopedic surgery for hip fractures: study protocol for an Italian multicenter observational prospective study (LUSHIP). <i>Ultrasound Journal</i> , <b>2021</b> , 13, 30	4.1	1
10	Effects of early extubation followed by noninvasive ventilation versus standard extubation on the duration of invasive mechanical ventilation in hypoxemic non-hypercapnic patients: a systematic review and individual patient data meta-analysis of randomized controlled trials. <i>Critical Care</i> , <b>2021</b> , 25, 189	10.8	1
9	Cheyne-Stokes breathing pattern and neurally adjusted ventilatory assist in a neuro-critical patient. <i>Intensive Care Medicine</i> , <b>2020</b> , 46, 540-541	14.5	1
8	Neurally adjusted ventilatory assist preserves cerebral blood flow velocity in patients recovering from acute brain injury. <i>Journal of Clinical Monitoring and Computing</i> , <b>2021</b> , 35, 627-636	2	1
7	Effects of Varying Levels of Inspiratory Assistance with Pressure Support Ventilation and Neurally Adjusted Ventilatory Assist on Driving Pressure in Patients Recovering from Hypoxemic Respiratory Failure. <i>Journal of Clinical Monitoring and Computing</i> , <b>2021</b> , 1	2	1
6	Lung Ultrasound Signs and Their Correlation With Clinical Symptoms in COVID-19 Pregnant Women: The "PINK-CO" Observational Study.. <i>Frontiers in Medicine</i> , <b>2021</b> , 8, 768261	4.9	1
5	Mini fluid challenge and End-expiratory occlusion test to assess fluid responsiveness in the operating room (MANEUVER study): A multicentre cohort study. <i>European Journal of Anaesthesiology</i> , <b>2021</b> , 38, 422-431	2.3	0
4	Comfort During Non-invasive Ventilation.. <i>Frontiers in Medicine</i> , <b>2022</b> , 9, 874250	4.9	0
3	Diaphragmatic ultrasound in COVID-19 patients: you will know it only if you try it!. <i>Minerva Anesthesiologica</i> , <b>2021</b> , 87, 394-396	1.9	
2	Looking for the Grail, Finding Traces on the Way. <i>Critical Care Medicine</i> , <b>2016</b> , 44, 1237-8	1.4	
1	Use of the lung ultrasound score in monitoring COVID-19 patients: it's time for a reappraisal. <i>Critical Care</i> , <b>2021</b> , 25, 47	10.8	