

# Gianmaria Cammarota

## List of Publications by Year in descending order

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Version: 2024-02-01

74  
papers

1,936  
citations

257450

24  
h-index

276875

41  
g-index

75  
all docs

75  
docs citations

75  
times ranked

1429  
citing authors

#	ARTICLE	IF	CITATIONS
1	Predictors of intubation in COVID-19 patients treated with out-of-ICU continuous positive airway pressure. <i>Pulmonology</i> , 2022, 28, 173-180.	2.1	26
2	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> , 2022, 36, 419-427.	1.6	4
3	Microbiome in Critical Care: An Unconventional and Unknown Ally. <i>Current Medicinal Chemistry</i> , 2022, 29, 3179-3188.	2.4	13
4	Does the definition of fluid responsiveness affect passive leg raising reliability? A methodological ancillary analysis from a multicentric study. <i>Minerva Anestesiologica</i> , 2022, 88, .	1.0	5
5	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> , 2022, 43, 464-472.	1.5	17
6	Carotid vs. aortic velocity time integral and peak velocity to predict fluid responsiveness in mechanically ventilated patients. A comparative study. <i>Minerva Anestesiologica</i> , 2022, 88, .	1.0	9
7	What's new on the management of obstetric patients who tested positive for Covid-19?. <i>Minerva Anestesiologica</i> , 2022, , .	1.0	0
8	Comfort During Non-invasive Ventilation. <i>Frontiers in Medicine</i> , 2022, 9, 874250.	2.6	24
9	Can Lung Ultrasound Be the Ideal Monitoring Tool to Predict the Clinical Outcome of Mechanically Ventilated COVID-19 Patients? An Observational Study. <i>Healthcare (Switzerland)</i> , 2022, 10, 568.	2.0	9
10	Understanding left ventricular diastolic dysfunction in anesthesia and intensive care patients: a glass with progressive shape change. <i>Minerva Anestesiologica</i> , 2022, 88, .	1.0	11
11	Neurally adjusted ventilatory assist preserves cerebral blood flow velocity in patients recovering from acute brain injury. <i>Journal of Clinical Monitoring and Computing</i> , 2021, 35, 627-636.	1.6	3
12	Insights into neurological dysfunction of critically ill COVID-19 patients. <i>Trends in Anaesthesia and Critical Care</i> , 2021, 36, 30-38.	0.9	25
13	Esophageal balloon calibration during Sigh: A physiologic, randomized, cross-over study. <i>Journal of Critical Care</i> , 2021, 61, 125-132.	2.2	5
14	Mini fluid challenge and End-expiratory occlusion test to assess fluid responsiveness in the operating room (MANEUVER study). <i>European Journal of Anaesthesiology</i> , 2021, 38, 422-431.	1.7	15
15	Bedside Cardiac POCUS in Emergency Setting: A Practice Review. <i>Reviews on Recent Clinical Trials</i> , 2021, 15, 269-277.	0.8	7
16	Use of the lung ultrasound score in monitoring COVID-19 patients: it's time for a reappraisal. <i>Critical Care</i> , 2021, 25, 47.	5.8	0
17	Diaphragmatic Kinetics Assessment by Tissue Doppler Imaging and Extubation Outcome. <i>Respiratory Care</i> , 2021, 66, 983-993.	1.6	11
18	PEEP-induced alveolar recruitment in patients with COVID-19 pneumonia: take the right time!. <i>Critical Care</i> , 2021, 25, 163.	5.8	3

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19	Diaphragmatic ultrasound in COVID-19 patients: you will know it only if you try it!. <i>Minerva Anestesiologica</i> , 2021, 87, 394-396.	1.0	0
20	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> , 2021, 11, 13418.	3.3	9
21	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> , 2021, 13, 30.	3.3	2
22	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> , 2021, 25, 189.	5.8	6
23	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> , 2021, 25, 268.	5.8	56
24	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> , 2021, 25, 305.	5.8	37
25	Oxygenation strategies during flexible bronchoscopy: a review of the literature. <i>Respiratory Research</i> , 2021, 22, 253.	3.6	19
26	Multivariable haemodynamic approach to predict the fluid challenge response. <i>European Journal of Anaesthesiology</i> , 2021, 38, 22-31.	1.7	9
27	Outcomes of COVID-19 patients treated with continuous positive airway pressure outside the intensive care unit. <i>ERJ Open Research</i> , 2021, 7, 00541-2020.	2.6	52
28	Ultrasound diaphragmatic excursion during non-invasive ventilation in ICU: a prospective observational study. <i>Acta Biomedica</i> , 2021, 92, e2021269.	0.3	1
29	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). <i>Journal of Anesthesia, Analgesia and Critical Care</i> , 2021, 1, .	1.3	8
30	Predictors of intubation and mortality in COVID-19 patients: a retrospective study. <i>Journal of Anesthesia, Analgesia and Critical Care</i> , 2021, 1, .	1.3	2
31	Lung Ultrasound Signs and Their Correlation With Clinical Symptoms in COVID-19 Pregnant Women: The "PINK-CO" Observational Study. <i>Frontiers in Medicine</i> , 2021, 8, 768261.	2.6	12
32	Cheyne-Stokes breathing pattern and neurally adjusted ventilatory assist in a neuro-critical patient. <i>Intensive Care Medicine</i> , 2020, 46, 540-541.	8.2	2
33	Oesophageal balloon calibration during pressure support ventilation: a proof of concept study. <i>Journal of Clinical Monitoring and Computing</i> , 2020, 34, 1223-1231.	1.6	5
34	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> , 2020, 130, 752-761.	2.2	33
35	Diaphragmatic Dysfunction After Elective Cardiac Surgery: A Prospective Observational Study. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2020, 34, 3336-3344.	1.3	17
36	Cerebral nervous system vasculitis in a Covid-19 patient with pneumonia. <i>Journal of Clinical Neuroscience</i> , 2020, 79, 71-73.	1.5	43

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37	Chest physiotherapy improves lung aeration in hypersecretive critically ill patients: a pilot randomized physiological study. <i>Critical Care</i> , 2020, 24, 479.	5.8	13
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> , 2020, 35, 431-433.	1.3	23
39	Inferior Vena Cava Filter in a Patient with COVID-19 Pneumonia to Prevent a Massive Pulmonary Embolism. <i>Annals of Vascular Surgery</i> , 2020, 68, 95-97.	0.9	3
40	Esophageal Pressure Versus Gas Exchange to Set PEEP During Intraoperative Ventilation. <i>Respiratory Care</i> , 2020, 65, 625-635.	1.6	13
41	Diaphragmatic excursion tissue Doppler sonographic assessment. <i>Intensive Care Medicine</i> , 2020, 46, 1759-1760.	8.2	5
42	Mechanical Ventilation Guided by Uncalibrated Esophageal Pressure May Be Potentially Harmful. <i>Anesthesiology</i> , 2020, 133, 145-153.	2.5	11
43	Mechanical ventilation weaning issues can be counted on the fingers of just one hand: part 2. <i>Ultrasound Journal</i> , 2020, 12, 15.	3.3	4
44	Osteopontin in the Cerebrospinal Fluid of Patients with Severe Aneurysmal Subarachnoid Hemorrhage. <i>Cells</i> , 2019, 8, 695.	4.1	8
45	Evaluation of a New Interface Combining High-Flow Nasal Cannula and CPAP. <i>Respiratory Care</i> , 2019, 64, 1231-1239.	1.6	19
46	Diaphragmatic Ultrasound Assessment in Subjects With Acute Hypercapnic Respiratory Failure Admitted to the Emergency Department. <i>Respiratory Care</i> , 2019, 64, 1469-1477.	1.6	51
47	Sigh maneuver to enhance assessment of fluid responsiveness during pressure support ventilation. <i>Critical Care</i> , 2019, 23, 31.	5.8	16
48	Neurally-Adjusted Ventilatory Assist for Noninvasive Ventilation via a Helmet in Subjects With COPD Exacerbation: A Physiologic Study. <i>Respiratory Care</i> , 2019, 64, 582-589.	1.6	24
49	Tidal volume challenge to predict fluid responsiveness in the operating room. <i>European Journal of Anaesthesiology</i> , 2019, 36, 583-591.	1.7	48
50	Comparisons of two diaphragm ultrasound-teaching programs: a multicenter randomized controlled educational study. <i>Ultrasound Journal</i> , 2019, 11, 21.	3.3	30
51	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> , 2019, 47, e506-e511.	0.9	65
52	Early extubation followed by immediate noninvasive ventilation vs. standard extubation in hypoxemic patients: a randomized clinical trial. <i>Intensive Care Medicine</i> , 2019, 45, 62-71.	8.2	62
53	High Flow Through Nasal Cannula in Stable and Exacerbated Chronic Obstructive Pulmonary Disease Patients. <i>Reviews on Recent Clinical Trials</i> , 2019, 14, 247-260.	0.8	20
54	Patient-ventilator asynchrony in adult critically ill patients. <i>Minerva Anestesiologica</i> , 2019, 85, 676-688.	1.0	41

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55	Cardiac cycle efficiency and diastolic pressure variations. <i>European Journal of Anaesthesiology</i> , 2017, 34, 755-763.	1.7	11
56	Remifentanyl effects on respiratory drive and timing during pressure support ventilation and neurally adjusted ventilatory assist. <i>Respiratory Physiology and Neurobiology</i> , 2017, 244, 10-16.	1.6	43
57	New setting of neurally adjusted ventilatory assist for noninvasive ventilation by facial mask: a physiologic study. <i>Critical Care</i> , 2017, 21, 170.	5.8	40
58	Looking for the Grail, Finding Traces on the Way*. <i>Critical Care Medicine</i> , 2016, 44, 1237-1238.	0.9	0
59	New <i>versus</i> Conventional Helmet for Delivering Noninvasive Ventilation. <i>Anesthesiology</i> , 2016, 124, 101-108.	2.5	38
60	New Setting of Neurally Adjusted Ventilatory Assist during Noninvasive Ventilation through a Helmet. <i>Anesthesiology</i> , 2016, 125, 1181-1189.	2.5	41
61	The Noninvasive Invasion*. <i>Critical Care Medicine</i> , 2015, 43, 1534-1535.	0.9	0
62	Patient-ventilator asynchrony affects pulse pressure variation prediction of fluid responsiveness. <i>Journal of Critical Care</i> , 2015, 30, 1067-1071.	2.2	14
63	Neurally Adjusted Ventilatory Assist in Preterm Neonates with Acute Respiratory Failure. <i>Neonatology</i> , 2015, 107, 60-67.	2.0	49
64	High-dose rocuronium for rapid sequence induction and reversal with sugammadex in two myasthenic patients. <i>Acta Anaesthesiologica Scandinavica</i> , 2014, 58, 1154-1158.	1.6	10
65	Effects of Propofol on Patient-Ventilator Synchrony and Interaction During Pressure Support Ventilation and Neurally Adjusted Ventilatory Assist*. <i>Critical Care Medicine</i> , 2014, 42, 74-82.	0.9	114
66	A new setting to improve noninvasive neurally adjusted ventilatory assist by helmet. <i>Critical Care</i> , 2014, 18, .	5.8	0
67	Bench comparative evaluation of a new generation and standard helmet for delivering non-invasive ventilation. <i>Intensive Care Medicine</i> , 2013, 39, 734-738.	8.2	35
68	Noninvasive ventilation after early extubation in patients recovering from hypoxemic acute respiratory failure: a single-centre feasibility study. <i>Intensive Care Medicine</i> , 2012, 38, 1599-1606.	8.2	60
69	Neurally adjusted ventilatory assist. , 2012, , 116-123.		2
70	Efficacy of ventilator waveforms observation in detecting patient's ventilator asynchrony*. <i>Critical Care Medicine</i> , 2011, 39, 2452-2457.	0.9	192
71	Influence of lung collapse distribution on the physiologic response to recruitment maneuvers during noninvasive continuous positive airway pressure. <i>Intensive Care Medicine</i> , 2011, 37, 1095-1102.	8.2	28
72	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> , 2011, 37, 1943-1950.	8.2	76

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73	Thoracic epidural analgesia in post-thoracotomy patients: comparison of three different concentrations of levobupivacaine and sufentanil. <i>British Journal of Anaesthesia</i> , 2009, 102, 418-423.	3.4	21
74	Physiologic response to varying levels of pressure support and neurally adjusted ventilatory assist in patients with acute respiratory failure. <i>Intensive Care Medicine</i> , 2008, 34, 2010-8.	8.2	199