

Domenico Luca Grieco

List of Publications by Year in Descending Order

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Version: 2024-04-28

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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.

89
papers

1,658
citations

20
h-index

39
g-index

103
ext. papers

2,814
ext. citations

6.8
avg, IF

4.94
L-index

#	Paper	IF	Citations
89	Awake prone positioning in nonintubated spontaneous breathing ICU patients with acute hypoxemic respiratory failure (PRONELIFE)-protocol for a randomized clinical trial.. <i>Trials</i> , 2022 , 23, 30	2.8	0
88	Individualized positive end-expiratory pressure guided by end-expiratory lung volume in early acute respiratory distress syndrome: study protocol for the multicenter, randomized IPERPEEP trial.. <i>Trials</i> , 2022 , 23, 63	2.8	
87	Hemodynamic response to positive end-expiratory pressure and prone position in COVID-19 ARDS.. <i>Respiratory Physiology and Neurobiology</i> , 2022 , 298, 103844	2.8	1
86	Non-Invasive Ventilation: Indications and Caveats 2022 , 93-103		
85	Remdesivir plus Dexamethasone in COVID-19: A cohort study of severe patients requiring high flow oxygen therapy or non-invasive ventilation.. <i>PLoS ONE</i> , 2022 , 17, e0267038	3.7	0
84	High Flow Nasal Oxygen for Severe Hypoxemia: Oxygenation Response and Outcome in COVID-19 Patients. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021 ,	10.2	2
83	Respiratory Drive in Patients with Sepsis and Septic Shock: Modulation by High-flow Nasal Cannula. <i>Anesthesiology</i> , 2021 , 135, 1066-1075	4.3	0
82	Noninvasive respiratory support for acute respiratory failure due to COVID-19. <i>Current Opinion in Critical Care</i> , 2021 ,	3.5	2
81	The value of open-source clinical science in pandemic response: lessons from ISARIC. <i>Lancet Infectious Diseases</i> , 2021 , 21, 1623-1624	25.5	3
80	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	2.8	0
79	Instrumental dead space in ventilator management. <i>Lancet Respiratory Medicine</i> , 2021 , 9, e22	35.1	2
78	Extracorporeal immune modulation in COVID-19 induced immune dysfunction and secondary infections: the role of oXiris [®] membrane. <i>Minerva Anestesiologica</i> , 2021 , 87, 384-385	1.9	5
77	ECMO for COVID-19 patients in Europe and Israel. <i>Intensive Care Medicine</i> , 2021 , 47, 344-348	14.5	37
76	Dyspnoea and respiratory muscle ultrasound to predict extubation failure. <i>European Respiratory Journal</i> , 2021 , 58,	13.6	6
75	Prone position in intubated, mechanically ventilated patients with COVID-19: a multi-centric study of more than 1000 patients. <i>Critical Care</i> , 2021 , 25, 128	10.8	49
74	Awake Proning as an Adjunctive Therapy for Refractory Hypoxemia in Non-Intubated Patients with COVID-19 Acute Respiratory Failure: Guidance from an International Group of Healthcare Workers. <i>American Journal of Tropical Medicine and Hygiene</i> , 2021 ,	3.2	7
73	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> , 2021 , 325, 1731-1743	27.4	103

72	Immune Modulation in Critically Ill Septic Patients. <i>Medicina (Lithuania)</i> , 2021 , 57,	3.1	3
71	An appraisal of respiratory system compliance in mechanically ventilated covid-19 patients. <i>Critical Care</i> , 2021 , 25, 199	10.8	6
70	COVID-19 symptoms at hospital admission vary with age and sex: results from the ISARIC prospective multinational observational study. <i>Infection</i> , 2021 , 49, 889-905	5.8	20
69	Diaphragm thickening fraction predicts noninvasive ventilation outcome: a preliminary physiological study. <i>Critical Care</i> , 2021 , 25, 219	10.8	5
68	Staphylococcus aureus ventilator-associated pneumonia in patients with COVID-19: clinical features and potential inference with lung dysbiosis. <i>Critical Care</i> , 2021 , 25, 197	10.8	16
67	Respiratory mechanics heterogeneity is related to inflammatory biomarkers in acute respiratory distress syndrome due to COVID-19. <i>Minerva Anestesiologica</i> , 2021 , 87, 740-744	1.9	1
66	Lung ultrasound predicts non-invasive ventilation outcome in COVID-19 acute respiratory failure: a pilot study. <i>Minerva Anestesiologica</i> , 2021 , 87, 1006-1016	1.9	10
65	Tidal Volume Lowering by Instrumental Dead Space Reduction in Brain-Injured ARDS Patients: Effects on Respiratory Mechanics, Gas Exchange, and Cerebral Hemodynamics. <i>Neurocritical Care</i> , 2021 , 34, 21-30	3.3	6
64	Sigh in Patients With Acute Hypoxemic Respiratory Failure and ARDS: The PROTECTION Pilot Randomized Clinical Trial. <i>Chest</i> , 2021 , 159, 1426-1436	5.3	3
63	Noninvasive ventilation and high-flow oxygen therapy for severe community-acquired pneumonia. <i>Current Opinion in Infectious Diseases</i> , 2021 , 34, 142-150	5.4	1
62	Hemadsorption. <i>Current Opinion in Anaesthesiology</i> , 2021 , 34, 113-118	2.9	3
61	Non-invasive ventilatory support and high-flow nasal oxygen as first-line treatment of acute hypoxemic respiratory failure and ARDS. <i>Intensive Care Medicine</i> , 2021 , 47, 851-866	14.5	16
60	Dyspnoea and clinical outcome in critically ill patients receiving noninvasive support for COVID-19 respiratory failure: analysis of a randomised clinical trial. <i>ERJ Open Research</i> , 2021 , 7,	3.5	2
59	Compassionate use of anti-IL6 receptor antibodies in critically ill patients with acute respiratory distress syndrome due to SARS-CoV-2. <i>Minerva Anestesiologica</i> , 2021 , 87, 1080-1090	1.9	2
58	COVID-19 influences lung microbiota dynamics and favors the emergence of rare infectious diseases: A case report of Hafnia Alvei pneumonia. <i>Journal of Critical Care</i> , 2021 , 64, 173-175	4	6
57	Gas conditioning during helmet noninvasive ventilation: effect on comfort, gas exchange, inspiratory effort, transpulmonary pressure and patient-ventilator interaction.. <i>Annals of Intensive Care</i> , 2021 , 11, 184	8.9	2
56	Gemelli decision tree Algorithm to Predict the need for home monitoring or hospitalization of confirmed and unconfirmed COVID-19 patients (GAP-Covid19): preliminary results from a retrospective cohort study. <i>European Review for Medical and Pharmacological Sciences</i> , 2021 , 25, 2785-2794	2.9	1
55	Microbiologic surveillance through subglottic secretion cultures during invasive mechanical ventilation: a prospective observational study. <i>Journal of Critical Care</i> , 2020 , 59, 42-48	4	

54	Lung- and Diaphragm-Protective Ventilation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 202, 950-961	10.2	61
53	High-flow nasal cannula for body rewarming in hypothermia. <i>Critical Care</i> , 2020 , 24, 122	10.8	3
52	Thromboelastography clot strength profiles and effect of systemic anticoagulation in COVID-19 acute respiratory distress syndrome: a prospective, observational study. <i>European Review for Medical and Pharmacological Sciences</i> , 2020 , 24, 12466-12479	2.9	11
51	Gastric insufflation during cardiopulmonary resuscitation: A study in human cadavers. <i>Resuscitation</i> , 2020 , 146, 111-117	4	1
50	Physiological Comparison of High-Flow Nasal Cannula and Helmet Noninvasive Ventilation in Acute Hypoxemic Respiratory Failure. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 201, 303-312	10.2	54
49	Patient self-inflicted lung injury and positive end-expiratory pressure for safe spontaneous breathing. <i>Current Opinion in Critical Care</i> , 2020 , 26, 59-65	3.5	37
48	Reply to Spinelli and Mauri: Lung and Diaphragm Protection during Noninvasive Respiratory Support. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 201, 876-878	10.2	2
47	Assessment of neurological manifestations in hospitalized patients with COVID-19. <i>European Journal of Neurology</i> , 2020 , 27, 2322-2328	6	19
46	COVID-19 and intestinal inflammation: Role of fecal calprotectin. <i>Digestive and Liver Disease</i> , 2020 , 52, 1231-1233	3.3	20
45	Pathophysiology of COVID-19-associated acute respiratory distress syndrome: a multicentre prospective observational study. <i>Lancet Respiratory Medicine</i> , 2020 , 8, 1201-1208	35.1	293
44	Respiratory physiology of COVID-19-induced respiratory failure compared to ARDS of other etiologies. <i>Critical Care</i> , 2020 , 24, 529	10.8	73
43	(1,3)- β -D-Glucan-based empirical antifungal interruption in suspected invasive candidiasis: a randomized trial. <i>Critical Care</i> , 2020 , 24, 550	10.8	7
42	Potential for Lung Recruitment Estimated by the Recruitment-to-Inflation Ratio in Acute Respiratory Distress Syndrome. A Clinical Trial. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 201, 178-187	10.2	87
41	Patient self-inflicted lung injury: implications for acute hypoxemic respiratory failure and ARDS patients on non-invasive support. <i>Minerva Anestesiologica</i> , 2019 , 85, 1014-1023	1.9	71
40	Reply to Rezoagli : CO Oscillation during Cardiopulmonary Resuscitation: The Role of Respiratory System Compliance. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 199, 1291-1293	10.2	
39	Early nasal high-flow versus Venturi mask oxygen therapy after lung resection: a randomized trial. <i>Critical Care</i> , 2019 , 23, 68	10.8	13
38	Sleep and Pathological Wakefulness at the Time of Liberation from Mechanical Ventilation (SLEEWE). A Prospective Multicenter Physiological Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 199, 1106-1115	10.2	32
37	Electrical impedance tomography in perioperative medicine: careful respiratory monitoring for tailored interventions. <i>BMC Anesthesiology</i> , 2019 , 19, 140	2.4	13

36	Ventilation During Cardiopulmonary Resuscitation: What Have We Learned From Models?. <i>Respiratory Care</i> , 2019 , 64, 1132-1138	2.1	3
35	Airway closure and fiberoptic evidence of bronchial collapse during the acute respiratory distress syndrome. <i>Intensive Care Medicine</i> , 2019 , 45, 1838-1839	14.5	4
34	Early coagulation support protocol: A valid approach in real-life management of major trauma patients. Results from two Italian centres. <i>Injury</i> , 2019 , 50, 1671-1677	2.5	6
33	Physiological effects of high-flow oxygen in tracheostomized patients. <i>Annals of Intensive Care</i> , 2019 , 9, 114	8.9	10
32	Data on the application of early coagulation support protocol in the management of major trauma patients. <i>Data in Brief</i> , 2019 , 27, 104768	1.2	1
31	Airway Closure during Surgical Pneumoperitoneum in Obese Patients. <i>Anesthesiology</i> , 2019 , 131, 58-73	4.3	34
30	Expiratory flow limitation in intensive care: prevalence and risk factors. <i>Critical Care</i> , 2019 , 23, 395	10.8	9
29	New physiological insights in ventilation during cardiopulmonary resuscitation. <i>Current Opinion in Critical Care</i> , 2019 , 25, 37-44	3.5	12
28	Reply to Chalkias and Xanthos: Airway Pressure Monitoring May Improve Small Airway Flow, Hemodynamics, and Tissue Oxygenation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 199, 929-930	10.2	
27	Comparison of Endoscopic Versus Microsurgical Resection of Pituitary Adenomas with Parasellar Extension and Evaluation of the Predictive Value of a Simple 4-Quadrant Radiologic Classification. <i>World Neurosurgery</i> , 2019 , 121, e769-e774	2.1	5
26	Low ventilation associated with chest compression, an old observation that requires new physiological interpretation. <i>American Journal of Emergency Medicine</i> , 2019 , 37, 1212-1213	2.9	
25	Intrathoracic Airway Closure Impacts CO Signal and Delivered Ventilation during Cardiopulmonary Resuscitation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 199, 728-737	10.2	24
24	Lung volumes, respiratory mechanics and dynamic strain during general anaesthesia. <i>British Journal of Anaesthesia</i> , 2018 , 121, 1156-1165	5.4	17
23	Expiratory Flow Limitation During Mechanical Ventilation. <i>Chest</i> , 2018 , 154, 948-962	5.3	28
22	Esophageal Manometry and Regional Transpulmonary Pressure in Lung Injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 197, 1018-1026	10.2	97
21	PEEP-induced changes in lung volume to estimate transpulmonary pressure: the role of alveolar recruitment. <i>British Journal of Anaesthesia</i> , 2018 , 121, 101-103	5.4	1
20	Airway Closure in Acute Respiratory Distress Syndrome: An Underestimated and Misinterpreted Phenomenon. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 197, 132-136	10.2	79
19	Learning curve of endoscopic pituitary surgery: Experience of a neurosurgery/ENT collaboration. <i>Journal of Clinical Neuroscience</i> , 2018 , 47, 299-303	2.2	13

18	High-flow nasal oxygen versus noninvasive ventilation in adult patients with cystic fibrosis: a randomized crossover physiological study. <i>Annals of Intensive Care</i> , 2018 , 8, 85	8.9	20
17	Diaphragm myoclonus-induced autotriggering during neurally adjusted ventilatory assist. <i>Intensive Care Medicine</i> , 2018 , 44, 2309-2311	14.5	
16	Goal-directed hemodynamic management in patients undergoing primary debulking gynaecological surgery: A matched-controlled precision medicine study. <i>Gynecologic Oncology</i> , 2018 , 151, 299-305	4.9	7
15	Patient-ventilator interaction with conventional and automated management of pressure support during difficult weaning from mechanical ventilation. <i>Journal of Critical Care</i> , 2018 , 48, 203-210	4	4
14	Pressure support ventilation + sigh in acute hypoxemic respiratory failure patients: study protocol for a pilot randomized controlled trial, the PROTECTION trial. <i>Trials</i> , 2018 , 19, 460	2.8	1
13	Long-term pancreatic exocrine and endometabolic functionality after pancreaticoduodenectomy. Comparison between pancreaticojejunostomy and pancreatic duct occlusion with fibrin glue. <i>European Review for Medical and Pharmacological Sciences</i> , 2018 , 22, 4310-4318	2.9	2
12	Should we use driving pressure to set tidal volume?. <i>Current Opinion in Critical Care</i> , 2017 , 23, 38-44	3.5	18
11	Transpulmonary pressure: importance and limits. <i>Annals of Translational Medicine</i> , 2017 , 5, 285	3.2	47
10	Continuous intravenous analgesia with fentanyl or morphine after gynecological surgery: a cohort study. <i>Journal of Anesthesia</i> , 2017 , 31, 51-57	2.2	10
9	Ultrasound assessment of rectus femoris and anterior tibialis muscles in young trauma patients. <i>Annals of Intensive Care</i> , 2017 , 7, 104	8.9	17
8	Electrical impedance tomography to monitor lung sampling during broncho-alveolar lavage. <i>Intensive Care Medicine</i> , 2016 , 42, 1088-9	14.5	5
7	Case Scenario: Perioperative Management of a Young Woman with Fontan Repair for Major Gynecologic Surgery. <i>Anesthesiology</i> , 2016 , 124, 464-70	4.3	5
6	Taking Care of Relationships in the Intensive Care Unit: Positive Impact on Family Consent for Organ Donation. <i>Transplantation Proceedings</i> , 2016 , 48, 3245-3250	1.1	19
5	Adaptive Support Ventilation From Intubation to Extubation: A Word of Caution. <i>Chest</i> , 2016 , 149, 280-15.3		
4	A new and promising tool to evaluate mass and structural changes of skeletal muscle in trauma patients. <i>Intensive Care Medicine</i> , 2015 , 41, 360-1	14.5	1
3	Lung protective vs. standard ventilation during laparoscopic surgery in obese patients. preliminary results of a randomized, controlled trial. <i>Intensive Care Medicine Experimental</i> , 2015 , 3,	3.7	1
2	Epidemiology of home injuries: a large observational study among adult mothers in Italy. <i>Annali Dell'istituto Superiore Di Sanita</i> , 2013 , 49, 376-82	1.6	0
1	Orthodontic treatment attitude versus orthodontic treatment need: differences by gender, age, socioeconomical status and geographical context. <i>Community Dentistry and Oral Epidemiology</i> , 2012 , 40 Suppl 1, 71-6	2.8	12

