

Federico Longhini

List of Publications by Year in descending order

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Version: 2024-02-01

95
papers

2,230
citations

218592

26
h-index

254106

43
g-index

96
all docs

96
docs citations

96
times ranked

1936
citing authors

#	ARTICLE	IF	CITATIONS
1	Intubation Practices and Adverse Peri-intubation Events in Critically Ill Patients From 29 Countries. JAMA - Journal of the American Medical Association, 2021, 325, 1164.	3.8	232
2	Effects of Propofol on Patient-Ventilator Synchrony and Interaction During Pressure Support Ventilation and Neurally Adjusted Ventilatory Assist*. Critical Care Medicine, 2014, 42, 74-82.	0.4	114
3	ERS clinical practice guidelines: high-flow nasal cannula in acute respiratory failure. European Respiratory Journal, 2022, 59, 2101574.	3.1	110
4	Noninvasive ventilation through a helmet in postextubation hypoxemic patients: physiologic comparison between neurally adjusted ventilatory assist and pressure support ventilation. Intensive Care Medicine, 2011, 37, 1943-1950.	3.9	76
5	High-Flow Oxygen Therapy After Noninvasive Ventilation Interruption in Patients Recovering From Hypercapnic Acute Respiratory Failure: A Physiological Crossover Trial. Critical Care Medicine, 2019, 47, e506-e511.	0.4	65
6	Early extubation followed by immediate noninvasive ventilation vs. standard extubation in hypoxemic patients: a randomized clinical trial. Intensive Care Medicine, 2019, 45, 62-71.	3.9	62
7	High flow nasal therapy versus noninvasive ventilation as initial ventilatory strategy in COPD exacerbation: a multicenter non-inferiority randomized trial. Critical Care, 2020, 24, 692.	2.5	61
8	Combination of C-reactive protein, procalcitonin and sepsis-related organ failure score for the diagnosis of sepsis in critical patients. Annals of Intensive Care, 2016, 6, 51.	2.2	59
9	High flow through nasal cannula in exacerbated COPD patients: a systematic review. Pulmonology, 2019, 25, 348-354.	1.0	57
10	Successful treatment with cefiderocol for compassionate use in a critically ill patient with XDR Acinetobacter baumannii and KPC-producing Klebsiella pneumoniae: a case report. Journal of Antimicrobial Chemotherapy, 2019, 74, 3399-3401.	1.3	54
11	Helmet continuous positive airway pressure and prone positioning: A proposal for an early management of COVID-19 patients. Pulmonology, 2020, 26, 186-191.	1.0	53
12	Histopathological findings in a COVID-19 patient affected by ischemic gangrenous cholecystitis. World Journal of Emergency Surgery, 2020, 15, 43.	2.1	51
13	Neurally Adjusted Ventilatory Assist in Preterm Neonates with Acute Respiratory Failure. Neonatology, 2015, 107, 60-67.	0.9	49
14	Fluid Challenge During Anesthesia: A Systematic Review and Meta-analysis. Anesthesia and Analgesia, 2018, 127, 1353-1364.	1.1	48
15	Predatory Open-Access Publishing in Anesthesiology. Anesthesia and Analgesia, 2019, 128, 182-187.	1.1	44
16	Remifentanil effects on respiratory drive and timing during pressure support ventilation and neurally adjusted ventilatory assist. Respiratory Physiology and Neurobiology, 2017, 244, 10-16.	0.7	43
17	Efficacy of ventilator waveform observation for detection of patient-ventilator asynchrony during NIV: a multicentre study. ERJ Open Research, 2017, 3, 00075-2017.	1.1	42
18	Neurally adjusted ventilatory assist. Current Opinion in Critical Care, 2015, 21, 58-64.	1.6	41

#	ARTICLE	IF	CITATIONS
19	New Setting of Neurally Adjusted Ventilatory Assist during Noninvasive Ventilation through a Helmet. <i>Anesthesiology</i> , 2016, 125, 1181-1189.	1.3	41
20	Patient-ventilator asynchrony in adult critically ill patients. <i>Minerva Anestesiologica</i> , 2019, 85, 676-688.	0.6	41
21	Use of the Fluid Challenge in Critically Ill Adult Patients: A Systematic Review. <i>Anesthesia and Analgesia</i> , 2017, 125, 1532-1543.	1.1	40
22	New setting of neurally adjusted ventilatory assist for noninvasive ventilation by facial mask: a physiologic study. <i>Critical Care</i> , 2017, 21, 170.	2.5	40
23	New <i><i>versus</i></i> Conventional Helmet for Delivering Noninvasive Ventilation. <i>Anesthesiology</i> , 2016, 124, 101-108.	1.3	38
24	Recognizing, quantifying and managing patient-ventilator asynchrony in invasive and noninvasive ventilation. <i>Expert Review of Respiratory Medicine</i> , 2018, 12, 557-567.	1.0	36
25	Bench comparative evaluation of a new generation and standard helmet for delivering non-invasive ventilation. <i>Intensive Care Medicine</i> , 2013, 39, 734-738.	3.9	35
26	High-flow nasal therapy versus noninvasive ventilation in COPD patients with mild-to-moderate hypercapnic acute respiratory failure: study protocol for a noninferiority randomized clinical trial. <i>Trials</i> , 2019, 20, 450.	0.7	30
27	Electrical impedance tomography during spontaneous breathing trials and after extubation in critically ill patients at high risk for extubation failure: a multicenter observational study. <i>Annals of Intensive Care</i> , 2019, 9, 88.	2.2	30
28	Comparisons of two diaphragm ultrasound-teaching programs: a multicenter randomized controlled educational study. <i>Ultrasound Journal</i> , 2019, 11, 21.	1.3	30
29	High-flow nasal cannula oxygen therapy for outpatients undergoing flexible bronchoscopy: a randomised controlled trial. <i>Thorax</i> , 2022, 77, 58-64.	2.7	30
30	<p>Anesthetic Strategies in Oncological Surgery: Not Only a Simple Sleep, but Also Impact on Immunosuppression and Cancer Recurrence</p>. <i>Cancer Management and Research</i> , 2020, Volume 12, 931-940.	0.9	28
31	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.	0.8	24
32	Monoclonal Antibodies Targeting Alarmins: A New Perspective for Biological Therapies of Severe Asthma. <i>Biomedicines</i> , 2021, 9, 1108.	1.4	24
33	Nursing issues in enteral nutrition during prone position in critically ill patients: A systematic review of the literature. <i>Intensive and Critical Care Nursing</i> , 2020, 60, 102899.	1.4	23
34	Neural versus pneumatic control of pressure support in patients with chronic obstructive pulmonary diseases at different levels of positive end expiratory pressure: a physiological study. <i>Critical Care</i> , 2015, 19, 244.	2.5	22
35	Intensive care unit patients with lower respiratory tract nosocomial infections: the ENIRRI project. <i>ERJ Open Research</i> , 2017, 3, 00092-2017.	1.1	22
36	Outcomes of Preterm Neonates Transferred Between Tertiary Perinatal Centers. <i>Pediatric Critical Care Medicine</i> , 2015, 16, 733-738.	0.2	21

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37	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.	0.4	20
38	Evaluation of a New Interface Combining High-Flow Nasal Cannula and CPAP. <i>Respiratory Care</i> , 2019, 64, 1231-1239.	0.8	19
39	Oxygenation strategies during flexible bronchoscopy: a review of the literature. <i>Respiratory Research</i> , 2021, 22, 253.	1.4	19
40	A double blind randomized experimental study on the use of IgM-enriched polyclonal immunoglobulins in an animal model of pneumonia developing shock. <i>Immunobiology</i> , 2017, 222, 1074-1080.	0.8	18
41	Diaphragmatic Dysfunction After Elective Cardiac Surgery: A Prospective Observational Study. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2020, 34, 3336-3344.	0.6	17
42	Sigh maneuver to enhance assessment of fluid responsiveness during pressure support ventilation. <i>Critical Care</i> , 2019, 23, 31.	2.5	16
43	Sigh in Patients With Acute Hypoxemic Respiratory Failure and ARDS. <i>Chest</i> , 2021, 159, 1426-1436.	0.4	16
44	Neuron-specific enolase serum levels in COVID-19 are related to the severity of lung injury. <i>PLoS ONE</i> , 2021, 16, e0251819.	1.1	15
45	Biologics in severe asthma. <i>Minerva Medica</i> , 2022, 113, .	0.3	15
46	Different effects of propofol and dexmedetomidine on preload dependency in endotoxemic shock with norepinephrine infusion. <i>Journal of Surgical Research</i> , 2015, 198, 185-191.	0.8	13
47	Chest physiotherapy improves lung aeration in hypersecretive critically ill patients: a pilot randomized physiological study. <i>Critical Care</i> , 2020, 24, 479.	2.5	13
48	Mechanical ventilation weaning issues can be counted on the fingers of just one hand: part 1. <i>Ultrasound Journal</i> , 2020, 12, 9.	1.3	13
49	Sampling and analyzing alveolar exhaled breath condensate in mechanically ventilated patients: a feasibility study. <i>Journal of Breath Research</i> , 2015, 9, 047106.	1.5	12
50	Bench Comparative Assessment of Mechanically Assisted Cough Devices. <i>Respiratory Care</i> , 2015, 60, 975-982.	0.8	12
51	Is the Pendulum of Antimicrobial Drug Resistance Swinging Back after COVID-19?. <i>Microorganisms</i> , 2022, 10, 957.	1.6	12
52	Diaphragmatic Kinetics Assessment by Tissue Doppler Imaging and Extubation Outcome. <i>Respiratory Care</i> , 2021, 66, 983-993.	0.8	11
53	Analysis of the persistence time of the SARS-CoV-2 virus in the cadaver and the risk of passing infection to autopsy staff. <i>Medico-Legal Journal</i> , 2021, 89, 40-53.	0.2	11
54	Predatory Open-Access Publishing in Palliative and Supportive Care. <i>Journal of Pain and Symptom Management</i> , 2019, 57, e1-e3.	0.6	10

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55	Prevalence of Antibiotic Resistance Over Time in a Third-Level University Hospital. <i>Microbial Drug Resistance</i> , 2022, 28, 425-435.	0.9	10
56	Novel Biological Therapies for Severe Asthma Endotypes. <i>Biomedicines</i> , 2022, 10, 1064.	1.4	10
57	Weaning off mechanical ventilation: much less an art, but not yet a science. <i>Annals of Translational Medicine</i> , 2019, 7, S353-S353.	0.7	9
58	COVID-19: High-JAKing of the Inflammatory "Flight" by Ruxolitinib to Avoid the Cytokine Storm. <i>Frontiers in Oncology</i> , 2020, 10, 599502.	1.3	9
59	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.	1.6	9
60	Avoiding complications during prone position ventilation. <i>Intensive and Critical Care Nursing</i> , 2021, 66, 103064.	1.4	9
61	Endotoxemia accelerates diaphragm dysfunction in ventilated rabbits. <i>Journal of Surgical Research</i> , 2016, 206, 507-516.	0.8	7
62	Erythema Pernio-Like in Four Adolescents in the Era of the Coronavirus-2 Infection. <i>Reviews on Recent Clinical Trials</i> , 2021, 16, 216-219.	0.4	7
63	The role of the induction of mild hypothermia in adult patient outcomes after cardiac arrest: Systematic review and meta-analysis of randomized controlled studies. <i>Journal of International Medical Research</i> , 2015, 43, 471-482.	0.4	6
64	Mechanical ventilation in brain injured patients: seeing the forest for the trees. <i>Journal of Thoracic Disease</i> , 2017, 9, 3483-3487.	0.6	6
65	Severe myocarditis due to influenza A(H1N1)pdm09 viral infection in a young woman successfully treated with intravenous zanamivir: A case report. <i>Clinical Case Reports (discontinued)</i> , 2019, 7, 2336-2340.	0.2	6
66	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.	2.5	6
67	Comparison of neurally-adjusted ventilator assist in infants before and after extubation. <i>Minerva Pediatrics</i> , 2018, 70, 133-140.	0.2	6
68	Role of the T2Dx magnetic resonance assay in patients with suspected bloodstream infection: a single-centre real-world experience. <i>BMC Infectious Diseases</i> , 2022, 22, 113.	1.3	6
69	Tracheal intubation while wearing personal protective equipment in simulation studies: a systematic review and meta-analysis with trial-sequential analysis. <i>Brazilian Journal of Anesthesiology (Elsevier)</i> , 2022, 72, 291-301.	0.2	5
70	Whole-genome analysis of SARS-CoV-2 in a 2020 infection cluster in a nursing home of Southern Italy. <i>Infection, Genetics and Evolution</i> , 2022, 99, 105253.	1.0	5
71	Clinical outcomes of patients treated with intravenous zanamivir for severe influenza A(H1N1)pdm09 infection: a case report series. <i>BMC Infectious Diseases</i> , 2019, 19, 858.	1.3	4
72	The "BURP" maneuver improves the glottic view during laryngoscopy but remains a difficult procedure. <i>Journal of International Medical Research</i> , 2020, 48, 030006052092532.	0.4	4

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73	Low-Dose of Rocuronium During Thyroid Surgery: Effects on Intraoperative Nerve-Monitoring and Intubation. <i>Journal of Surgical Research</i> , 2021, 265, 131-138.	0.8	4
74	Non-invasive ventilation in hypoxemic patients: does the interface make a difference?. <i>Annals of Translational Medicine</i> , 2016, 4, 359-359.	0.7	4
75	Preoperative risk factors for prolonged postoperative ventilation following thymectomy in myasthenia gravis. <i>International Journal of Clinical and Experimental Medicine</i> , 2015, 8, 13990-6.	1.3	4
76	Current Practice of High Flow through Nasal Cannula in Exacerbated COPD Patients. <i>Healthcare (Switzerland)</i> , 2022, 10, 536.	1.0	3
77	No harm, no benefit: should we give up with neurally adjusted ventilatory assist?. <i>Intensive Care Medicine</i> , 2016, 42, 1770-1771.	3.9	2
78	Aggregometry and thromboelastography to identify the timing to trach a COVID-19 patient receiving both antiplatelet therapy and enoxaparin. <i>Clinical Case Reports (discontinued)</i> , 2021, 9, 1049-1054.	0.2	2
79	Platelet aggregometry for hip fracture surgery in patients treated with clopidogrel: a pilot study. <i>Journal of Clinical Monitoring and Computing</i> , 2021, , 1.	0.7	2
80	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.	1.3	2
81	Nurse led protocols for control of glycaemia in critically ill patients: A systematic review. <i>Intensive and Critical Care Nursing</i> , 2022, 71, 103247.	1.4	2
82	Midazolam increases preload dependency during endotoxic shock in rabbits by affecting venous vascular tone. <i>Annals of Intensive Care</i> , 2018, 8, 59.	2.2	1
83	Intraoperative protective ventilation in patients undergoing major neurosurgical interventions: a randomized clinical trial. <i>BMC Anesthesiology</i> , 2021, 21, 184.	0.7	1
84	Acute noninvasive ventilation. , 0, , 186-199.		1
85	THE MINI-SIGH TEST: A NEW HAEMODYNAMIC TEST OF FLUID RESPONSIVENESS IN ICU PATIENTS UNDERGOING PRESSURE SUPPORT VENTILATION. <i>Intensive Care Medicine Experimental</i> , 2015, 3, A17.	0.9	0
86	Juniorsâ€™ voice at the ERS International Congress, Amsterdam 2015. <i>Breathe</i> , 2015, 11, 303-305.	0.6	0
87	The authors reply. <i>Pediatric Critical Care Medicine</i> , 2015, 16, 898-899.	0.2	0
88	The authors reply. <i>Critical Care Medicine</i> , 2019, 47, e847-e848.	0.4	0
89	The authors reply. <i>Critical Care Medicine</i> , 2020, 48, e76-e77.	0.4	0
90	Should high-flow through nasal cannula be used during bronchoscopy in critically ill patients with hypoxemic acute respiratory failure?. <i>Journal of Anesthesia, Analgesia and Critical Care</i> , 2021, 1, .	0.5	0

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91	Multidisciplinary approach to a septic COVID-19 patient undergoing veno-venous extracorporeal membrane oxygenation and receiving thoracic surgery. <i>Clinical Case Reports (discontinued)</i> , 2021, 9, e04828.	0.2	0
92	High-frequency chest wall oscillation assessment by electrical impedance tomography in intubated patients. , 2016, , .		0
93	Electric impedance tomography to predict weaning and extubation failure. , 2016, , .		0
94	High-flow oxygen therapy in hypercapnic patients recovering from an episode of acute-on-chronic respiratory failure. , 2017, , .		0
95	Research on SARS-COV-2 pandemic: a narrative review focused on the Italian contribution. <i>Journal of Anesthesia, Analgesia and Critical Care</i> , 2021, 1, .	0.5	0