

Federico Longhini

List of Publications by Year in descending order

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Version: 2024-02-01

95
papers

2,230
citations

218677

26
h-index

254184

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. <i>JAMA - Journal of the American Medical Association</i> , 2021, 325, 1164.	7.4	232
2	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
3	ERS clinical practice guidelines: high-flow nasal cannula in acute respiratory failure. <i>European Respiratory Journal</i> , 2022, 59, 2101574.	6.7	110
4	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
5	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
6	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
7	High flow nasal therapy versus noninvasive ventilation as initial ventilatory strategy in COPD exacerbation: a multicenter non-inferiority randomized trial. <i>Critical Care</i> , 2020, 24, 692.	5.8	61
8	Combination of C-reactive protein, procalcitonin and sepsis-related organ failure score for the diagnosis of sepsis in critical patients. <i>Annals of Intensive Care</i> , 2016, 6, 51.	4.6	59
9	High flow through nasal cannula in exacerbated COPD patients: a systematic review. <i>Pulmonology</i> , 2019, 25, 348-354.	2.1	57
10	Successful treatment with cefiderocol for compassionate use in a critically ill patient with XDR <i>Acinetobacter baumannii</i> and KPC-producing <i>Klebsiella pneumoniae</i> : a case report. <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 3399-3401.	3.0	54
11	Helmet continuous positive airway pressure and prone positioning: A proposal for an early management of COVID-19 patients. <i>Pulmonology</i> , 2020, 26, 186-191.	2.1	53
12	Histopathological findings in a COVID-19 patient affected by ischemic gangrenous cholecystitis. <i>World Journal of Emergency Surgery</i> , 2020, 15, 43.	5.0	51
13	Neurally Adjusted Ventilatory Assist in Preterm Neonates with Acute Respiratory Failure. <i>Neonatology</i> , 2015, 107, 60-67.	2.0	49
14	Fluid Challenge During Anesthesia: A Systematic Review and Meta-analysis. <i>Anesthesia and Analgesia</i> , 2018, 127, 1353-1364.	2.2	48
15	Predatory Open-Access Publishing in Anesthesiology. <i>Anesthesia and Analgesia</i> , 2019, 128, 182-187.	2.2	44
16	Remifentanil 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
17	Efficacy of ventilator waveform observation for detection of patient-ventilator asynchrony during NIV: a multicentre study. <i>ERJ Open Research</i> , 2017, 3, 00075-2017.	2.6	42
18	Neurally adjusted ventilatory assist. <i>Current Opinion in Critical Care</i> , 2015, 21, 58-64.	3.2	41

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19	New Setting of Neurally Adjusted Ventilatory Assist during Noninvasive Ventilation through a Helmet. <i>Anesthesiology</i> , 2016, 125, 1181-1189.	2.5	41
20	Patient-ventilator asynchrony in adult critically ill patients. <i>Minerva Anestesiologica</i> , 2019, 85, 676-688.	1.0	41
21	Use of the Fluid Challenge in Critically Ill Adult Patients: A Systematic Review. <i>Anesthesia and Analgesia</i> , 2017, 125, 1532-1543.	2.2	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.	5.8	40
23	New <i><i>versus</i></i> Conventional Helmet for Delivering Noninvasive Ventilation. <i>Anesthesiology</i> , 2016, 124, 101-108.	2.5	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.	2.5	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.	8.2	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.	1.6	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.	4.6	30
28	Comparisons of two diaphragm ultrasound-teaching programs: a multicenter randomized controlled educational study. <i>Ultrasound Journal</i> , 2019, 11, 21.	3.3	30
29	High-flow nasal cannula oxygen therapy for outpatients undergoing flexible bronchoscopy: a randomised controlled trial. <i>Thorax</i> , 2022, 77, 58-64.	5.6	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.	1.9	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.	1.6	24
32	Monoclonal Antibodies Targeting Alarmins: A New Perspective for Biological Therapies of Severe Asthma. <i>Biomedicines</i> , 2021, 9, 1108.	3.2	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.	2.9	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.	5.8	22
35	Intensive care unit patients with lower respiratory tract nosocomial infections: the ENIRRI project. <i>ERJ Open Research</i> , 2017, 3, 00092-2017.	2.6	22
36	Outcomes of Preterm Neonates Transferred Between Tertiary Perinatal Centers. <i>Pediatric Critical Care Medicine</i> , 2015, 16, 733-738.	0.5	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.	0.8	20
38	Evaluation of a New Interface Combining High-Flow Nasal Cannula and CPAP. <i>Respiratory Care</i> , 2019, 64, 1231-1239.	1.6	19
39	Oxygenation strategies during flexible bronchoscopy: a review of the literature. <i>Respiratory Research</i> , 2021, 22, 253.	3.6	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.	1.9	18
41	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
42	Sigh maneuver to enhance assessment of fluid responsiveness during pressure support ventilation. <i>Critical Care</i> , 2019, 23, 31.	5.8	16
43	Sigh in Patients With Acute Hypoxemic Respiratory Failure and ARDS. <i>Chest</i> , 2021, 159, 1426-1436.	0.8	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.	2.5	15
45	Biologics in severe asthma. <i>Minerva Medica</i> , 2022, 113, .	0.9	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.	1.6	13
47	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
48	Mechanical ventilation weaning issues can be counted on the fingers of just one hand: part 1. <i>Ultrasound Journal</i> , 2020, 12, 9.	3.3	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.	3.0	12
50	Bench Comparative Assessment of Mechanically Assisted Cough Devices. <i>Respiratory Care</i> , 2015, 60, 975-982.	1.6	12
51	Is the Pendulum of Antimicrobial Drug Resistance Swinging Back after COVID-19?. <i>Microorganisms</i> , 2022, 10, 957.	3.6	12
52	Diaphragmatic Kinetics Assessment by Tissue Doppler Imaging and Extubation Outcome. <i>Respiratory Care</i> , 2021, 66, 983-993.	1.6	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.	0.5	11
54	Predatory Open-Access Publishing in Palliative and Supportive Care. <i>Journal of Pain and Symptom Management</i> , 2019, 57, e1-e3.	1.2	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.	2.0	10
56	Novel Biological Therapies for Severe Asthma Endotypes. <i>Biomedicines</i> , 2022, 10, 1064.	3.2	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.	1.7	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.	2.8	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.	3.3	9
60	Avoiding complications during prone position ventilation. <i>Intensive and Critical Care Nursing</i> , 2021, 66, 103064.	2.9	9
61	Endotoxemia accelerates diaphragm dysfunction in ventilated rabbits. <i>Journal of Surgical Research</i> , 2016, 206, 507-516.	1.6	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.	0.8	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.	1.0	6
64	Mechanical ventilation in brain injured patients: seeing the forest for the trees. <i>Journal of Thoracic Disease</i> , 2017, 9, 3483-3487.	1.4	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.	0.5	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.	5.8	6
67	Comparison of neurally-adjusted ventilator assist in infants before and after extubation. <i>Minerva Pediatrics</i> , 2018, 70, 133-140.	0.4	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.	2.9	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.	0.4	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.	2.3	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.	2.9	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.	1.0	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.	1.6	4
74	Non-invasive ventilation in hypoxemic patients: does the interface make a difference?. <i>Annals of Translational Medicine</i> , 2016, 4, 359-359.	1.7	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.	2.0	3
77	No harm, no benefit: should we give up with neurally adjusted ventilatory assist?. <i>Intensive Care Medicine</i> , 2016, 42, 1770-1771.	8.2	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.	0.5	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.	1.6	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.	3.3	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.	2.9	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.	4.6	1
83	Intraoperative protective ventilation in patients undergoing major neurosurgical interventions: a randomized clinical trial. <i>BMC Anesthesiology</i> , 2021, 21, 184.	1.8	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.	1.9	0
86	Juniorsâ€™ voice at the ERS International Congress, Amsterdam 2015. <i>Breathe</i> , 2015, 11, 303-305.	1.3	0
87	The authors reply. <i>Pediatric Critical Care Medicine</i> , 2015, 16, 898-899.	0.5	0
88	The authors reply. <i>Critical Care Medicine</i> , 2019, 47, e847-e848.	0.9	0
89	The authors reply. <i>Critical Care Medicine</i> , 2020, 48, e76-e77.	0.9	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, .	1.3	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.	0.5	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, .	1.3	0