

Paolo Navalesi

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.

226
papers

13,768
citations

40
h-index

115
g-index

263
ext. papers

17,352
ext. citations

6.3
avg, IF

6.26
L-index

#	Paper	IF	Citations
226	Surviving Sepsis Campaign: International Guidelines for Management of Sepsis and Septic Shock: 2016. <i>Intensive Care Medicine</i> , 2017 , 43, 304-377	14.5	3178
225	Surviving Sepsis Campaign: International Guidelines for Management of Sepsis and Septic Shock: 2016. <i>Critical Care Medicine</i> , 2017 , 45, 486-552	1.4	1683
224	Inspiratory muscle unloading by neurally adjusted ventilatory assist during maximal inspiratory efforts in healthy subjects. <i>Chest</i> , 2007 , 131, 711-717	5.3	706
223	Official ERS/ATS clinical practice guidelines: noninvasive ventilation for acute respiratory failure. <i>European Respiratory Journal</i> , 2017 , 50,	13.6	562
222	What the pulmonary specialist should know about the new inhalation therapies. <i>European Respiratory Journal</i> , 2011 , 37, 1308-31	13.6	504
221	Neural control of mechanical ventilation in respiratory failure. <i>Nature Medicine</i> , 1999 , 5, 1433-6	50.5	473
220	COVID-19-Related Severe Hypercoagulability in Patients Admitted to Intensive Care Unit for Acute Respiratory Failure. <i>Thrombosis and Haemostasis</i> , 2020 , 120, 998-1000	7	411
219	Noninvasive ventilation to prevent respiratory failure after extubation in high-risk patients. <i>Critical Care Medicine</i> , 2005 , 33, 2465-70	1.4	359
218	Nasal high-flow versus Venturi mask oxygen therapy after extubation. Effects on oxygenation, comfort, and clinical outcome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014 , 190, 282-8	10.2	312
217	Noninvasive vs. conventional mechanical ventilation in patients with chronic obstructive pulmonary disease after failure of medical treatment in the ward: a randomized trial. <i>Intensive Care Medicine</i> , 2002 , 28, 1701-7	14.5	247
216	COVID-19 pulmonary pathology: a multi-institutional autopsy cohort from Italy and New York City. <i>Modern Pathology</i> , 2020 , 33, 2156-2168	9.8	217
215	Physiologic evaluation of noninvasive mechanical ventilation delivered with three types of masks in patients with chronic hypercapnic respiratory failure. <i>Critical Care Medicine</i> , 2000 , 28, 1785-90	1.4	214
214	Different Hypercoagulable Profiles in Patients with COVID-19 Admitted to the Internal Medicine Ward and the Intensive Care Unit. <i>Thrombosis and Haemostasis</i> , 2020 , 120, 1474-1477	7	179
213	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	14.5	161
212	Noninvasive positive pressure ventilation using a helmet in patients with acute exacerbation of chronic obstructive pulmonary disease: a feasibility study. <i>Anesthesiology</i> , 2004 , 100, 16-24	4.3	161
211	Electrical activity of the diaphragm during pressure support ventilation in acute respiratory failure. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2001 , 164, 419-24	10.2	158
210	High-flow nasal oxygen therapy in intensive care and anaesthesia. <i>British Journal of Anaesthesia</i> , 2018 , 120, 18-27	5.4	150

209	Efficacy of ventilator waveforms observation in detecting patient-ventilator asynchrony. <i>Critical Care Medicine</i> , 2011 , 39, 2452-7	1.4	148
208	Noninvasive vs invasive ventilation in COPD patients with severe acute respiratory failure deemed to require ventilatory assistance. <i>Intensive Care Medicine</i> , 2004 , 30, 1303-10	14.5	125
207	Evaluation of patient skin breakdown and comfort with a new face mask for non-invasive ventilation: a multi-center study. <i>Intensive Care Medicine</i> , 2002 , 28, 278-84	14.5	115
206	Effect of Intraoperative High Positive End-Expiratory Pressure (PEEP) With Recruitment Maneuvers vs Low PEEP on Postoperative Pulmonary Complications in Obese Patients: A Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2019 , 321, 2292-2305	27.4	104
205	Rate of reintubation in mechanically ventilated neurosurgical and neurologic patients: evaluation of a systematic approach to weaning and extubation. <i>Critical Care Medicine</i> , 2008 , 36, 2986-92	1.4	100
204	Non-invasive ventilation in chronic obstructive pulmonary disease patients: helmet versus facial mask. <i>Intensive Care Medicine</i> , 2007 , 33, 74-81	14.5	99
203	Weaning from tracheotomy in long-term mechanically ventilated patients: feasibility of a decisional flowchart and clinical outcome. <i>Intensive Care Medicine</i> , 2003 , 29, 845-8	14.5	94
202	Osteopontin at the Crossroads of Inflammation and Tumor Progression. <i>Mediators of Inflammation</i> , 2017 , 2017, 4049098	4.3	92
201	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	1.4	92
200	Change in pulmonary mechanics and the effect on breathing pattern of high flow oxygen therapy in stable hypercapnic COPD. <i>Thorax</i> , 2017 , 72, 373-375	7.3	89
199	Volatile Anesthetics versus Total Intravenous Anesthesia for Cardiac Surgery. <i>New England Journal of Medicine</i> , 2019 , 380, 1214-1225	59.2	89
198	Interfaces and humidification for noninvasive mechanical ventilation. <i>Respiratory Care</i> , 2009 , 54, 71-84	2.1	87
197	Comparison of static and dynamic measurements of intrinsic PEEP in mechanically ventilated patients. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1994 , 150, 1318-24	10.2	81
196	A new setting to improve noninvasive neurally adjusted ventilatory assist by helmet. <i>Critical Care</i> , 2014 , 18, P269	10.8	78
195	Time of non-invasive ventilation. <i>Intensive Care Medicine</i> , 2006 , 32, 361-70	14.5	75
194	An automated and standardized neural index to quantify patient-ventilator interaction. <i>Critical Care</i> , 2013 , 17, R239	10.8	66
193	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, 1943-50	14.5	66
192	Coronavirus epidemic: preparing for extracorporeal organ support in intensive care. <i>Lancet Respiratory Medicine</i> , 2020 , 8, 240-241	35.1	58

191	Serum levels of osteopontin are increased in SIRS and sepsis. <i>Intensive Care Medicine</i> , 2008 , 34, 2176-84	14.5	53
190	Proportional assist ventilation in acute respiratory failure: effects on breathing pattern and inspiratory effort. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1996 , 154, 1330-8	10.2	51
189	Bench studies evaluating devices for non-invasive ventilation: critical analysis and future perspectives. <i>Intensive Care Medicine</i> , 2012 , 38, 160-7	14.5	49
188	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, 1599-606	14.5	47
187	New modes of mechanical ventilation: proportional assist ventilation, neurally adjusted ventilatory assist, and fractal ventilation. <i>Current Opinion in Critical Care</i> , 2003 , 9, 51-8	3.5	46
186	Neurally adjusted ventilatory assist in preterm neonates with acute respiratory failure. <i>Neonatology</i> , 2015 , 107, 60-7	4	40
185	High-flow nasal cannula oxygen therapy to treat patients with hypoxemic acute respiratory failure consequent to SARS-CoV-2 infection. <i>Thorax</i> , 2020 , 75, 998-1000	7.3	40
184	Anakinra for patients with COVID-19: a meta-analysis of non-randomized cohort studies. <i>European Journal of Internal Medicine</i> , 2021 , 86, 34-40	3.9	39
183	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	1.4	39
182	Oronasal mask versus helmet in acute hypercapnic respiratory failure. <i>European Respiratory Journal</i> , 2015 , 45, 691-9	13.6	38
181	Influence of ventilator settings on patient-ventilator synchrony during pressure support ventilation with different interfaces. <i>Intensive Care Medicine</i> , 2010 , 36, 1363-70	14.5	38
180	Noninvasive positive airway pressure and risk of myocardial infarction in acute cardiogenic pulmonary edema: continuous positive airway pressure vs noninvasive positive pressure ventilation. <i>Chest</i> , 2007 , 132, 1804-9	5.3	38
179	Corticosteroids for Patients With Coronavirus Disease 2019 (COVID-19) With Different Disease Severity: A Meta-Analysis of Randomized Clinical Trials. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021 , 35, 578-584	2.1	38
178	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	5.1	37
177	Physiologic evaluation of different levels of assistance during noninvasive ventilation delivered through a helmet. <i>Chest</i> , 2005 , 128, 2984-90	5.3	37
176	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	14.5	36
175	Analgo-sedation of patients with burns outside the operating room. <i>Drugs</i> , 2008 , 68, 2427-43	12.1	35
174	Histopathological findings in a COVID-19 patient affected by ischemic gangrenous cholecystitis. <i>World Journal of Emergency Surgery</i> , 2020 , 15, 43	9.2	33

173	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	3.7	32
172	New Setting of Neurally Adjusted Ventilatory Assist during Noninvasive Ventilation through a Helmet. <i>Anesthesiology</i> , 2016 , 125, 1181-1189	4.3	32
171	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	2.8	32
170	Neurally adjusted ventilatory assist. <i>Current Opinion in Critical Care</i> , 2015 , 21, 58-64	3.5	31
169	New versus Conventional Helmet for Delivering Noninvasive Ventilation: A Physiologic, Crossover Randomized Study in Critically Ill Patients. <i>Anesthesiology</i> , 2016 , 124, 101-8	4.3	31
168	Bench comparative evaluation of a new generation and standard helmet for delivering non-invasive ventilation. <i>Intensive Care Medicine</i> , 2013 , 39, 734-8	14.5	28
167	Physiologic evaluation of 4 weeks of nocturnal nasal positive pressure ventilation in stable hypercapnic patients with chronic obstructive pulmonary disease. <i>Respiration</i> , 2001 , 68, 573-83	3.7	28
166	Prone Position and Lung Ventilation and Perfusion Matching in Acute Respiratory Failure due to COVID-19. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 202, 278-279	10.2	27
165	Patient-ventilator asynchrony in adult critically ill patients. <i>Minerva Anestesiologica</i> , 2019 , 85, 676-688	1.9	27
164	Fluid Challenge During Anesthesia: A Systematic Review and Meta-analysis. <i>Anesthesia and Analgesia</i> , 2018 , 127, 1353-1364	3.9	27
163	Dupilumab for the treatment of asthma. <i>Expert Opinion on Biological Therapy</i> , 2017 , 17, 1565-1572	5.4	26
162	New setting of neurally adjusted ventilatory assist for noninvasive ventilation by facial mask: a physiologic study. <i>Critical Care</i> , 2017 , 21, 170	10.8	26
161	The intensive care medicine research agenda for airways, invasive and noninvasive mechanical ventilation. <i>Intensive Care Medicine</i> , 2017 , 43, 1352-1365	14.5	26
160	COVID-19 and Venous Thromboembolism in Intensive Care or Medical Ward. <i>Clinical and Translational Science</i> , 2020 , 13, 1108-1114	4.9	26
159	Use of the Fluid Challenge in Critically Ill Adult Patients: A Systematic Review. <i>Anesthesia and Analgesia</i> , 2017 , 125, 1532-1543	3.9	25
158	Efficacy of ventilator waveform observation for detection of patient-ventilator asynchrony during NIV: a multicentre study. <i>ERJ Open Research</i> , 2017 , 3,	3.5	25
157	Clonidine in perioperative medicine and intensive care unit: more than an anti-hypertensive drug. <i>Current Drug Targets</i> , 2009 , 10, 799-814	3	25
156	Diaphragmatic Ultrasound Assessment in Subjects With Acute Hypercapnic Respiratory Failure Admitted to the Emergency Department. <i>Respiratory Care</i> , 2019 , 64, 1469-1477	2.1	24

155	Ten important articles on noninvasive ventilation in critically ill patients and insights for the future: A report of expert opinions. <i>BMC Anesthesiology</i> , 2017 , 17, 122	2.4	24
154	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	2.8	24
153	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	10.8	24
152	Tidal volume challenge to predict fluid responsiveness in the operating room: An observational study. <i>European Journal of Anaesthesiology</i> , 2019 , 36, 583-591	2.3	24
151	Prone Positioning during Venovenous Extracorporeal Membrane Oxygenation in Acute Respiratory Distress Syndrome. A Multicenter Cohort Study and Propensity-matched Analysis. <i>Annals of the American Thoracic Society</i> , 2021 , 18, 495-501	4.7	24
150	Recognizing, quantifying and managing patient-ventilator asynchrony in invasive and noninvasive ventilation. <i>Expert Review of Respiratory Medicine</i> , 2018 , 12, 557-567	3.8	24
149	Non-invasive ventilation. <i>Minerva Anestesiologica</i> , 2009 , 75, 31-6	1.9	24
148	Influence of site of tracheal pressure measurement on in situ estimation of endotracheal tube resistance. <i>Journal of Applied Physiology</i> , 1994 , 77, 2899-906	3.7	23
147	Comparative evaluation of three interfaces for non-invasive ventilation: a randomized cross-over design physiologic study on healthy volunteers. <i>Critical Care</i> , 2014 , 18, R2	10.8	22
146	Physiologic comparison between conventional mechanical ventilation and transtracheal open ventilation in acute traumatic quadriplegic patients. <i>Critical Care Medicine</i> , 2005 , 33, 1114-8	1.4	22
145	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, 1095-102	14.5	21
144	Rapidly progressive multifocal motor neuropathy with phrenic nerve paralysis: effect of nocturnal assisted ventilation. <i>Journal of Neurology</i> , 1998 , 245, 613-6	5.5	21
143	Outcomes of COVID-19 patients treated with continuous positive airway pressure outside the intensive care unit. <i>ERJ Open Research</i> , 2021 , 7,	3.5	21
142	Can we prevent intubation in patients with ARDS?. <i>Intensive Care Medicine</i> , 2016 , 42, 768-771	14.5	20
141	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	2.1	20
140	Does noninvasive ventilation delivery in the ward provide early effective ventilation?. <i>Respiratory Care</i> , 2015 , 60, 6-11	2.1	19
139	Orthopnea and inspiratory effort in chronic heart failure patients. <i>Respiratory Medicine</i> , 2003 , 97, 647-53	4.6	19
138	Comparison of static and dynamic measurements of intrinsic PEEP in anesthetized cats. <i>Journal of Applied Physiology</i> , 1994 , 76, 2437-42	3.7	19

137	Regional COVID-19 Network for Coordination of SARS-CoV-2 outbreak in Veneto, Italy. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2020 , 34, 2341-2345	2.1	18
136	Physiologic response to various levels of pressure support and NAVA in prolonged weaning. <i>Respiratory Medicine</i> , 2013 , 107, 1748-54	4.6	18
135	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	10.8	18
134	Choosing a ventilator for home mechanical ventilation. <i>Breathe</i> , 2013 , 9, 394-409	1.8	18
133	Comparative evaluation of different helmets on patient-ventilator interaction during noninvasive ventilation. <i>Intensive Care Medicine</i> , 2008 , 34, 1102-8	14.5	18
132	Effect of Levosimendan on Renal Outcome in Cardiac Surgery Patients With Chronic Kidney Disease and Perioperative Cardiovascular Dysfunction: A Substudy of a Multicenter Randomized Trial. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2018 , 32, 2152-2159	2.1	17
131	Use of critical care resources during the first 2 weeks (February 24-March 8, 2020) of the Covid-19 outbreak in Italy. <i>Annals of Intensive Care</i> , 2020 , 10, 133	8.9	17
130	Positive end-expiratory pressure titration in COVID-19 acute respiratory failure: electrical impedance tomography vs. PEEP/FiO tables. <i>Critical Care</i> , 2020 , 24, 540	10.8	17
129	The Role of Osteopontin as a Diagnostic and Prognostic Biomarker in Sepsis and Septic Shock. <i>Cells</i> , 2019 , 8,	7.9	17
128	Comparisons of two diaphragm ultrasound-teaching programs: a multicenter randomized controlled educational study. <i>Ultrasound Journal</i> , 2019 , 11, 21	4.1	17
127	Thrombin generation in patients with COVID-19 with and without thromboprophylaxis. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021 , 59, 1323-1330	5.9	17
126	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	1.2	16
125	Anesthetic Strategies in Oncological Surgery: Not Only a Simple Sleep, but Also Impact on Immunosuppression and Cancer Recurrence. <i>Cancer Management and Research</i> , 2020 , 12, 931-940	3.6	15
124	Intensive care unit patients with lower respiratory tract nosocomial infections: the ENIRRI project. <i>ERJ Open Research</i> , 2017 , 3,	3.5	15
123	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	10.8	15
122	Tidal Volume Estimation during Helmet Noninvasive Ventilation: an Experimental Feasibility Study. <i>Scientific Reports</i> , 2019 , 9, 17324	4.9	15
121	Pharmacokinetics of lidocaine after bilateral ESP block. <i>Regional Anesthesia and Pain Medicine</i> , 2021 , 46, 86-89	3.4	15
120	ERS statement on chest imaging in acute respiratory failure. <i>European Respiratory Journal</i> , 2019 , 54,	13.6	14

119	Inhalational anesthetics in acute severe asthma. <i>Current Drug Targets</i> , 2009 , 10, 826-32	3	14
118	Injectate spread in ESP block: A review of anatomical investigations. <i>Journal of Clinical Anesthesia</i> , 2020 , 61, 109669	1.9	14
117	Evaluation of a New Interface Combining High-Flow Nasal Cannula and CPAP. <i>Respiratory Care</i> , 2019 , 64, 1231-1239	2.1	13
116	ERS Clinical Practice Guidelines: High-flow nasal cannula in acute respiratory failure. <i>European Respiratory Journal</i> , 2021 ,	13.6	13
115	Biological mechanisms underlying the clinical effects of allergen-specific immunotherapy in asthmatic children. <i>Expert Opinion on Biological Therapy</i> , 2018 , 18, 197-204	5.4	13
114	Proven COVID-19-associated pulmonary aspergillosis in patients with severe respiratory failure. <i>Mycoses</i> , 2021 , 64, 1223-1229	5.2	13
113	NAVA ventilation. <i>Minerva Anestesiologica</i> , 2010 , 76, 346-52	1.9	13
112	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	8.9	12
111	Prolonged weaning: from the intensive care unit to home. <i>Revista Portuguesa De Pneumologia</i> , 2014 , 20, 264-72		12
110	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	3.9	12
109	Patient-ventilator asynchrony affects pulse pressure variation prediction of fluid responsiveness. <i>Journal of Critical Care</i> , 2015 , 30, 1067-71	4	11
108	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	3.4	11
107	Physiological responses during a T-piece weaning trial with a deflated tube. <i>Intensive Care Medicine</i> , 2006 , 32, 1399-403	14.5	11
106	Predictors of intubation in COVID-19 patients treated with out-of-ICU continuous positive airway pressure. <i>Pulmonology</i> , 2021 ,	3.7	11
105	Mortality in caRdIAc surgery (MYRIAD): A randomized controlled trial of volatile anesthetics. Rationale and design. <i>Contemporary Clinical Trials</i> , 2017 , 59, 38-43	2.3	10
104	Transtracheal open ventilation in acute respiratory failure secondary to severe chronic obstructive pulmonary disease exacerbation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2006 , 173, 877-81	10.2	10
103	Machine learning-based analysis of alveolar and vascular injury in SARS-CoV-2 acute respiratory failure. <i>Journal of Pathology</i> , 2021 , 254, 173-184	9.4	10
102	Liver histopathology in COVID-19 patients: A mono-Institutional series of liver biopsies and autopsy specimens. <i>Pathology Research and Practice</i> , 2021 , 221, 153451	3.4	10

101	Sampling and analyzing alveolar exhaled breath condensate in mechanically ventilated patients: a feasibility study. <i>Journal of Breath Research</i> , 2015 , 9, 047106	3.1	9
100	High-flow nasal cannula oxygen therapy for outpatients undergoing flexible bronchoscopy: a randomised controlled trial. <i>Thorax</i> , 2021 ,	7.3	9
99	Validation of a composed COVID-19 chest radiography score: the CARE project. <i>ERJ Open Research</i> , 2020 , 6,	3.5	8
98	Helmet to deliver noninvasive ventilation: "Handle with care". <i>Critical Care Medicine</i> , 2009 , 37, 2111-3	1.4	8
97	Reduced muscle mass as predictor of intensive care unit hospitalization in COVID-19 patients. <i>PLoS ONE</i> , 2021 , 16, e0253433	3.7	8
96	Utility of pleural effusion drainage in the ICU: An updated systematic review and META-analysis. <i>Journal of Critical Care</i> , 2019 , 52, 22-32	4	7
95	Evaluation of a systematic approach to weaning of tracheotomized neurological patients: an early interrupted randomized controlled trial. <i>Annals of Intensive Care</i> , 2015 , 5, 54	8.9	7
94	Targeting European Respiratory Society Group activities: a survey of the Noninvasive Ventilatory Support Group. <i>European Respiratory Review</i> , 2014 , 23, 258-60	9.8	7
93	Acute respiratory failure in patients with severe community-acquired pneumonia: a prospective randomized evaluation of noninvasive ventilation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2000 , 162, 761-2	10.2	7
92	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	10.8	7
91	Bench Comparative Assessment of Mechanically Assisted Cough Devices. <i>Respiratory Care</i> , 2015 , 60, 975-82	2.1	6
90	Diaphragmatic Dysfunction After Elective Cardiac Surgery: A Prospective Observational Study. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2020 , 34, 3336-3344	2.1	6
89	Trial sequential analysis: plain and simple. <i>Korean Journal of Anesthesiology</i> , 2021 , 74, 363-365	3.8	6
88	Osteopontin induces soluble urokinase-type plasminogen activator receptor production and release. <i>Minerva Anestesiologica</i> , 2015 , 81, 157-65	1.9	6
87	Sigh maneuver to enhance assessment of fluid responsiveness during pressure support ventilation. <i>Critical Care</i> , 2019 , 23, 31	10.8	5
86	Natural history and risk stratification of patients undergoing non-invasive ventilation in a non-ICU setting for severe COPD exacerbations. <i>Internal and Emergency Medicine</i> , 2016 , 11, 969-75	3.7	5
85	Cardiac cycle efficiency and diastolic pressure variations: new parameters for fluid therapy: An observational study. <i>European Journal of Anaesthesiology</i> , 2017 , 34, 755-763	2.3	5
84	On the imperfect synchrony between patient and ventilator. <i>Critical Care</i> , 2011 , 15, 181	10.8	5

83	Two Sorts of Microthrombi in a Patient With Coronavirus Disease 2019 and Lung Cancer. <i>Journal of Thoracic Oncology</i> , 2020 , 15, 1782-1785	8.9	5
82	Efficacy and tolerability of tapentadol for the treatment of chronic low back pain in elderly patients. <i>Aging Clinical and Experimental Research</i> , 2021 , 33, 973-982	4.8	5
81	Esophageal Pressure Versus Gas Exchange to Set PEEP During Intraoperative Ventilation. <i>Respiratory Care</i> , 2020 , 65, 625-635	2.1	4
80	Predictors of deep-vein thrombosis in subarachnoid hemorrhage: a retrospective analysis. <i>Acta Neurochirurgica</i> , 2020 , 162, 2295-2301	3	4
79	Prolonged weaning: From the intensive care unit to home. <i>Revista Portuguesa De Pneumologia</i> , 2014 , 20, 264-272		4
78	Non-invasive ventilation in hypoxemic patients: does the interface make a difference?. <i>Annals of Translational Medicine</i> , 2016 , 4, 359	3.2	4
77	Predictive parameters of difficult intubation in thyroid surgery: a meta-analysis. <i>Minerva Anestesiologica</i> , 2020 , 86, 317-326	1.9	4
76	Chest physiotherapy improves lung aeration in hypersecretive critically ill patients: a pilot randomized physiological study. <i>Critical Care</i> , 2020 , 24, 479	10.8	4
75	Electrical impedance tomography: A compass for the safe route to optimal PEEP. <i>Respiratory Medicine</i> , 2021 , 187, 106555	4.6	4
74	Are thromboelastometric and thromboelastographic parameters associated with mortality in septic patients? A systematic review and meta-analysis. <i>Journal of Critical Care</i> , 2021 , 61, 5-13	4	4
73	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	4	3
72	Weaning and noninvasive ventilation: the odd couple. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2003 , 168, 5-6	10.2	3
71	Age influences on Propofol estimated brain concentration and entropy during maintenance and at return of consciousness during total intravenous anesthesia with target-controlled infusion in unparalyzed patients: An observational prospective trial. <i>PLoS ONE</i> , 2020 , 15, e0244145	3.7	3
70	General Anesthesia Compared to Spinal Anesthesia for Patients Undergoing Lumbar Vertebral Surgery: A Meta-Analysis of Randomized Controlled Trials. <i>Journal of Clinical Medicine</i> , 2020 , 10,	5.1	3
69	Oesophageal balloon calibration during pressure support ventilation: a proof of concept study. <i>Journal of Clinical Monitoring and Computing</i> , 2020 , 34, 1223-1231	2	3
68	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
67	Static compliance and driving pressure are associated with ICU mortality in intubated COVID-19 ARDS. <i>Critical Care</i> , 2021 , 25, 263	10.8	3
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