

# Paolo Navalesi

## List of Publications by Year in Descending Order

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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	Impact on grafted kidney function of rocuronium-sugammadex vs cisatracurium-neostigmine strategy for neuromuscular block management. An Italian single-center, 2014-2017 retrospective cohort case-control study.. <i>Perioperative Medicine (London, England)</i> , <b>2022</b> , 11, 3	2.8	1
225	COVID-19 Vaccination Status Among Adults Admitted to Intensive Care Units in Veneto, Italy. <i>JAMA Network Open</i> , <b>2022</b> , 5, e2213553	10.4	2
224	Outcomes of COVID-19 patients treated with continuous positive airway pressure outside the intensive care unit. <i>ERJ Open Research</i> , <b>2021</b> , 7,	3.5	21
223	A practical guide to patient position and complication management in neurosurgery: a systematic qualitative review. <i>British Journal of Neurosurgery</i> , <b>2021</b> , 1-11	1	0
222	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> , <b>2021</b> ,	3.8	1
221	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) <b>2021</b> , 1,		1
220	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> , <b>2021</b> ,	10.2	2
219	Cardiac injury and COVID-19 associated coagulopathy in patients with acute SARS-CoV-2 pneumonia: A rotational thromboelastometry study.. <i>Advances in Medical Sciences</i> , <b>2021</b> , 67, 39-44	2.8	1
218	ERS Clinical Practice Guidelines: High-flow nasal cannula in acute respiratory failure. <i>European Respiratory Journal</i> , <b>2021</b> ,	13.6	13
217	Safety in training for ultrasound guided internal jugular vein CVC placement: a propensity score analysis. <i>BMC Anesthesiology</i> , <b>2021</b> , 21, 241	2.4	
216	Corrected versus total body weight for dosage of sugammadex in morbidly obese patients. A randomized, double-blind, controlled trial. <i>Minerva Anestesiologica</i> , <b>2021</b> , 87, 371-373	1.9	1
215	Machine learning-based analysis of alveolar and vascular injury in SARS-CoV-2 acute respiratory failure. <i>Journal of Pathology</i> , <b>2021</b> , 254, 173-184	9.4	10
214	Diaphragmatic Kinetics Assessment by Tissue Doppler Imaging and Extubation Outcome. <i>Respiratory Care</i> , <b>2021</b> , 66, 983-993	2.1	2
213	Anakinra for patients with COVID-19: a meta-analysis of non-randomized cohort studies. <i>European Journal of Internal Medicine</i> , <b>2021</b> , 86, 34-40	3.9	39
212	High-flow nasal cannula oxygen therapy for outpatients undergoing flexible bronchoscopy: a randomised controlled trial. <i>Thorax</i> , <b>2021</b> ,	7.3	9
211	Liver histopathology in COVID-19 patients: A mono-Institutional series of liver biopsies and autopsy specimens. <i>Pathology Research and Practice</i> , <b>2021</b> , 221, 153451	3.4	10
210	Lower Gene Expression of Angiotensin Converting Enzyme 2 Receptor in Lung Tissues of Smokers with COVID-19 Pneumonia. <i>Biomolecules</i> , <b>2021</b> , 11,	5.9	1

209	Bedside Detection and Follow-Up of Pulmonary Artery Stenosis after Lung Transplantation. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2021</b> , 204, 1100-1102	10.2	1
208	Reduced muscle mass as predictor of intensive care unit hospitalization in COVID-19 patients. <i>PLoS ONE</i> , <b>2021</b> , 16, e0253433	3.7	8
207	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> , <b>2021</b> , 11, 13418	4.9	2
206	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> , <b>2021</b> , 25, 189	10.8	1
205	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> , <b>2021</b> , 25, 268	10.8	15
204	Two Consecutive Runs of Veno-Venous Extracorporeal Membrane Oxygenation in a Peripartum Patient with COVID-19 Acute Respiratory Distress Syndrome. <i>Case Reports in Critical Care</i> , <b>2021</b> , 2021, 2032197	1	0
203	Prone Positioning Is Safe and May Reduce the Rate of Intubation in Selected COVID-19 Patients Receiving High-Flow Nasal Oxygen Therapy. <i>Journal of Clinical Medicine</i> , <b>2021</b> , 10,	5.1	1
202	Electrical impedance tomography: A compass for the safe route to optimal PEEP. <i>Respiratory Medicine</i> , <b>2021</b> , 187, 106555	4.6	4
201	Efficacy and tolerability of tapentadol for the treatment of chronic low back pain in elderly patients. <i>Aging Clinical and Experimental Research</i> , <b>2021</b> , 33, 973-982	4.8	5
200	Neurally adjusted ventilatory assist preserves cerebral blood flow velocity in patients recovering from acute brain injury. <i>Journal of Clinical Monitoring and Computing</i> , <b>2021</b> , 35, 627-636	2	1
199	Desflurane versus propofol for general anesthesia maintenance in obese patients: A pilot meta-analysis. <i>Journal of Clinical Anesthesia</i> , <b>2021</b> , 68, 110103	1.9	1
198	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> , <b>2021</b> , 18, 495-501	4.7	24
197	Are thromboelastometric and thromboelastographic parameters associated with mortality in septic patients? A systematic review and meta-analysis. <i>Journal of Critical Care</i> , <b>2021</b> , 61, 5-13	4	4
196	Sigh in Patients With Acute Hypoxemic Respiratory Failure and ARDS: The PROTECTION Pilot Randomized Clinical Trial. <i>Chest</i> , <b>2021</b> , 159, 1426-1436	5.3	3
195	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> , <b>2021</b> , 35, 578-584	2.1	38
194	Esophageal balloon calibration during Sigh: A physiologic, randomized, cross-over study. <i>Journal of Critical Care</i> , <b>2021</b> , 61, 125-132	4	2
193	Pharmacokinetics of lidocaine after bilateral ESP block. <i>Regional Anesthesia and Pain Medicine</i> , <b>2021</b> , 46, 86-89	3.4	15
192	Optimizing post anesthesia care unit admission after elective craniotomy for brain tumors: a cohort study. <i>Acta Neurochirurgica</i> , <b>2021</b> , 1	3	1

191	Predictors of intubation in COVID-19 patients treated with out-of-ICU continuous positive airway pressure. <i>Pulmonology</i> , <b>2021</b> ,	3.7	11
190	Thrombin generation in patients with COVID-19 with and without thromboprophylaxis. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2021</b> , 59, 1323-1330	5.9	17
189	Vancomycin Adsorption During in vitro Model of Hemoperfusion with HA380 Cartridge. <i>Nephron</i> , <b>2021</b> , 145, 157-163	3.3	1
188	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> , <b>2021</b> , 1	2	1
187	High variability of in-depth injective spread in the erector spinae plane block: a cadaveric anatomical insight. <i>Minerva Anestesiologica</i> , <b>2021</b> , 87, 112-113	1.9	2
186	Static compliance and driving pressure are associated with ICU mortality in intubated COVID-19 ARDS. <i>Critical Care</i> , <b>2021</b> , 25, 263	10.8	3
185	Proven COVID-19-associated pulmonary aspergillosis in patients with severe respiratory failure. <i>Mycoses</i> , <b>2021</b> , 64, 1223-1229	5.2	13
184	Trial sequential analysis: plain and simple. <i>Korean Journal of Anesthesiology</i> , <b>2021</b> , 74, 363-365	3.8	6
183	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> , <b>2021</b> , 25, 305	10.8	7
182	Low-Dose of Rocuronium During Thyroid Surgery: Effects on Intraoperative Nerve-Monitoring and Intubation. <i>Journal of Surgical Research</i> , <b>2021</b> , 265, 131-138	2.5	1
181	Effect of dexmedetomidine on hemodynamic responses to tracheal intubation: A meta-analysis with meta-regression and trial sequential analysis. <i>Journal of Clinical Anesthesia</i> , <b>2021</b> , 72, 110287	1.9	2
180	Outcomes of COVID-19 patients intubated after failure of non-invasive ventilation: a multicenter observational study. <i>Scientific Reports</i> , <b>2021</b> , 11, 17730	4.9	2
179	Oxygenation strategies during flexible bronchoscopy: a review of the literature. <i>Respiratory Research</i> , <b>2021</b> , 22, 253	7.3	2
178	Non-Invasive Ventilation for Acute Respiratory Failure in Duchenne Muscular Dystrophy Patients. <i>Archivos De Bronconeumologia</i> , <b>2021</b> , 57, 666-666	0.7	1
177	Non-Invasive Ventilation for Acute Respiratory Failure in Duchenne Muscular Dystrophy Patients. <i>Archivos De Bronconeumologia</i> , <b>2021</b> , 57, 666-668	0.7	
176	Risk Factors for General Anesthesia Conversion in Anterior Circulation Stroke Patients Undergoing Endovascular Treatment.. <i>Cerebrovascular Diseases</i> , <b>2021</b> , 1-7	3.2	
175	Validation of a composed COVID-19 chest radiography score: the CARE project. <i>ERJ Open Research</i> , <b>2020</b> , 6,	3.5	8
174	Helmet continuous positive airway pressure and prone positioning: A proposal for an early management of COVID-19 patients. <i>Pulmonology</i> , <b>2020</b> , 26, 186-191	3.7	32

173	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> , <b>2020</b> , 202, 278-279	10.2	27
172	Regional COVID-19 Network for Coordination of SARS-CoV-2 outbreak in Veneto, Italy. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , <b>2020</b> , 34, 2341-2345	2.1	18
171	Esophageal Pressure Versus Gas Exchange to Set PEEP During Intraoperative Ventilation. <i>Respiratory Care</i> , <b>2020</b> , 65, 625-635	2.1	4
170	Predictors of deep-vein thrombosis in subarachnoid hemorrhage: a retrospective analysis. <i>Acta Neurochirurgica</i> , <b>2020</b> , 162, 2295-2301	3	4
169	Histopathological findings in a COVID-19 patient affected by ischemic gangrenous cholecystitis. <i>World Journal of Emergency Surgery</i> , <b>2020</b> , 15, 43	9.2	33
168	Coronavirus epidemic: preparing for extracorporeal organ support in intensive care. <i>Lancet Respiratory Medicine</i> , <b>2020</b> , 8, 240-241	35.1	58
167	Anesthetic Strategies in Oncological Surgery: Not Only a Simple Sleep, but Also Impact on Immunosuppression and Cancer Recurrence. <i>Cancer Management and Research</i> , <b>2020</b> , 12, 931-940	3.6	15
166	Supraglottic Airway Device in Acute Ischemic Stroke Undergoing Mechanical Thrombectomy: Is It Feasible?. <i>World Neurosurgery</i> , <b>2020</b> , 139, 179-181	2.1	2
165	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> , <b>2020</b> , 10, 133	8.9	17
164	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> , <b>2020</b> , 15, e0244145	3.7	3
163	Pandemic COVID-19: the residents'Sresilience. <i>Acta Biomedica</i> , <b>2020</b> , 91, e2020120	3.2	1
162	Predictive parameters of difficult intubation in thyroid surgery: a meta-analysis. <i>Minerva Anesthesiologica</i> , <b>2020</b> , 86, 317-326	1.9	4
161	A brief introduction to propensity score for anesthesiologists. <i>Korean Journal of Anesthesiology</i> , <b>2020</b> , 73, 296-301	3.8	2
160	Ketamine and Magnesium: a Successful Combination for Bariatric Surgery. <i>Obesity Surgery</i> , <b>2020</b> , 30, 4612-4614	3.7	1
159	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> , <b>2020</b> , 10,	5.1	3
158	Multimodal analgesia in bariatric surgery: not just an intravenous approach. <i>Surgery for Obesity and Related Diseases</i> , <b>2020</b> , 16, 2133-2135	3	1
157	The authors reply. <i>Critical Care Medicine</i> , <b>2020</b> , 48, e76-e77	1.4	
156	Oesophageal balloon calibration during pressure support ventilation: a proof of concept study. <i>Journal of Clinical Monitoring and Computing</i> , <b>2020</b> , 34, 1223-1231	2	3

155	Injectate spread in ESP block: A review of anatomical investigations. <i>Journal of Clinical Anesthesia</i> , <b>2020</b> , 61, 109669	1.9	14
154	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> , <b>2020</b> , 130, 752-761	3.9	12
153	Retrospective Analysis of a Modified Organizational Model to Guarantee CT Workflow during the COVID-19 Outbreak in the Tertiary Hospital of Padova, Italy. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	2
152	COVID-19 and Venous Thromboembolism in Intensive Care or Medical Ward. <i>Clinical and Translational Science</i> , <b>2020</b> , 13, 1108-1114	4.9	26
151	Diaphragmatic Dysfunction After Elective Cardiac Surgery: A Prospective Observational Study. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , <b>2020</b> , 34, 3336-3344	2.1	6
150	Different Hypercoagulable Profiles in Patients with COVID-19 Admitted to the Internal Medicine Ward and the Intensive Care Unit. <i>Thrombosis and Haemostasis</i> , <b>2020</b> , 120, 1474-1477	7	179
149	High-flow nasal cannula oxygen therapy to treat patients with hypoxemic acute respiratory failure consequent to SARS-CoV-2 infection. <i>Thorax</i> , <b>2020</b> , 75, 998-1000	7.3	40
148	Chest physiotherapy improves lung aeration in hypersecretive critically ill patients: a pilot randomized physiological study. <i>Critical Care</i> , <b>2020</b> , 24, 479	10.8	4
147	Extensively drug-resistant and multidrug-resistant gram-negative pathogens in the neurocritical intensive care unit. <i>Acta Neurochirurgica</i> , <b>2020</b> , 1	3	2
146	COVID-19 pulmonary pathology: a multi-institutional autopsy cohort from Italy and New York City. <i>Modern Pathology</i> , <b>2020</b> , 33, 2156-2168	9.8	217
145	Positive end-expiratory pressure titration in COVID-19 acute respiratory failure: electrical impedance tomography vs. PEEP/FiO tables. <i>Critical Care</i> , <b>2020</b> , 24, 540	10.8	17
144	Two Sorts of Microthrombi in a Patient With Coronavirus Disease 2019 and Lung Cancer. <i>Journal of Thoracic Oncology</i> , <b>2020</b> , 15, 1782-1785	8.9	5
143	Tracheostomy During COVID-19 Pandemic-In Search of Lost Timing. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , <b>2020</b> , 146, 981-982	3.9	
142	COVID-19 challenge: proactive management of a Tertiary University Hospital in Veneto Region, Italy. <i>Pathogens and Global Health</i> , <b>2020</b> , 114, 309-317	3.1	1
141	High flow nasal therapy versus noninvasive ventilation as initial ventilatory strategy in COPD exacerbation: a multicenter non-inferiority randomized trial. <i>Critical Care</i> , <b>2020</b> , 24, 692	10.8	24
140	COVID-19-Related Severe Hypercoagulability in Patients Admitted to Intensive Care Unit for Acute Respiratory Failure. <i>Thrombosis and Haemostasis</i> , <b>2020</b> , 120, 998-1000	7	411
139	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 <b>2020</b> , 15, e0244145		
138	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 <b>2020</b> , 15, e0244145		

137	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 <b>2020</b> , 15, e0244145		
136	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 <b>2020</b> , 15, e0244145		
135	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> , <b>2019</b> , 9, 88	8.9	12
134	Diaphragmatic Ultrasound Assessment in Subjects With Acute Hypercapnic Respiratory Failure Admitted to the Emergency Department. <i>Respiratory Care</i> , <b>2019</b> , 64, 1469-1477	2.1	24
133	Sigh maneuver to enhance assessment of fluid responsiveness during pressure support ventilation. <i>Critical Care</i> , <b>2019</b> , 23, 31	10.8	5
132	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> , <b>2019</b> , 321, 2292-2305	27.4	104
131	How to obtain severe hypoglycemia without causing brain or cardiac damage. <i>Medical Hypotheses</i> , <b>2019</b> , 130, 109276	3.8	1
130	Utility of pleural effusion drainage in the ICU: An updated systematic review and META-analysis. <i>Journal of Critical Care</i> , <b>2019</b> , 52, 22-32	4	7
129	Volatile Anesthetics versus Total Intravenous Anesthesia for Cardiac Surgery. <i>New England Journal of Medicine</i> , <b>2019</b> , 380, 1214-1225	59.2	89
128	Successful treatment with cefiderocol for compassionate use in a critically ill patient with XDR Acinetobacter baumannii and KPC-producing Klebsiella pneumoniae: a case report. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2019</b> , 74, 3399-3401	5.1	37
127	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> , <b>2019</b> , 20, 450	2.8	24
126	ERS statement on chest imaging in acute respiratory failure. <i>European Respiratory Journal</i> , <b>2019</b> , 54,	13.6	14
125	Evaluation of a New Interface Combining High-Flow Nasal Cannula and CPAP. <i>Respiratory Care</i> , <b>2019</b> , 64, 1231-1239	2.1	13
124	Clinical outcomes of patients treated with intravenous zanamivir for severe influenza A(H1N1)pdm09 infection: a case report series. <i>BMC Infectious Diseases</i> , <b>2019</b> , 19, 858	4	3
123	High Flow Through Nasal Cannula in Stable and Exacerbated Chronic Obstructive Pulmonary Disease Patients. <i>Reviews on Recent Clinical Trials</i> , <b>2019</b> , 14, 247-260	1.2	16
122	Patient-ventilator asynchrony in adult critically ill patients. <i>Minerva Anestesiologica</i> , <b>2019</b> , 85, 676-688	1.9	27
121	Inhalation therapy in ventilated patients <b>2019</b> , 201-206		
120	The Role of Osteopontin as a Diagnostic and Prognostic Biomarker in Sepsis and Septic Shock. <i>Cells</i> , <b>2019</b> , 8,	7.9	17

119	Neurally-Adjusted Ventilatory Assist for Noninvasive Ventilation via a Helmet in Subjects With COPD Exacerbation: A Physiologic Study. <i>Respiratory Care</i> , <b>2019</b> , 64, 582-589	2.1	20
118	Tidal volume challenge to predict fluid responsiveness in the operating room: An observational study. <i>European Journal of Anaesthesiology</i> , <b>2019</b> , 36, 583-591	2.3	24
117	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> , <b>2019</b> , 7, 2336-2340	0.7	2
116	Tidal Volume Estimation during Helmet Noninvasive Ventilation: an Experimental Feasibility Study. <i>Scientific Reports</i> , <b>2019</b> , 9, 17324	4.9	15
115	Comparisons of two diaphragm ultrasound-teaching programs: a multicenter randomized controlled educational study. <i>Ultrasound Journal</i> , <b>2019</b> , 11, 21	4.1	17
114	The authors reply. <i>Critical Care Medicine</i> , <b>2019</b> , 47, e847-e848	1.4	
113	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> , <b>2019</b> , 47, e506-e511	1.4	39
112	Early extubation followed by immediate noninvasive ventilation vs. standard extubation in hypoxemic patients: a randomized clinical trial. <i>Intensive Care Medicine</i> , <b>2019</b> , 45, 62-71	14.5	36
111	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> , <b>2018</b> , 32, 2152-2159	2.1	17
110	High-flow nasal oxygen therapy in intensive care and anaesthesia. <i>British Journal of Anaesthesia</i> , <b>2018</b> , 120, 18-27	5.4	150
109	Biological mechanisms underlying the clinical effects of allergen-specific immunotherapy in asthmatic children. <i>Expert Opinion on Biological Therapy</i> , <b>2018</b> , 18, 197-204	5.4	13
108	Survey on accessibility and real-life application of noninvasive ventilation. <i>ERJ Open Research</i> , <b>2018</b> , 4,	3.5	2
107	Fluid Challenge During Anesthesia: A Systematic Review and Meta-analysis. <i>Anesthesia and Analgesia</i> , <b>2018</b> , 127, 1353-1364	3.9	27
106	Pressure support ventilation + sigh in acute hypoxemic respiratory failure patients: study protocol for a pilot randomized controlled trial, the PROTECTION trial. <i>Trials</i> , <b>2018</b> , 19, 460	2.8	1
105	Recognizing, quantifying and managing patient-ventilator asynchrony in invasive and noninvasive ventilation. <i>Expert Review of Respiratory Medicine</i> , <b>2018</b> , 12, 557-567	3.8	24
104	Surviving Sepsis Campaign: International Guidelines for Management of Sepsis and Septic Shock: 2016. <i>Intensive Care Medicine</i> , <b>2017</b> , 43, 304-377	14.5	3178
103	Change in pulmonary mechanics and the effect on breathing pattern of high flow oxygen therapy in stable hypercapnic COPD. <i>Thorax</i> , <b>2017</b> , 72, 373-375	7.3	89
102	Use of the Fluid Challenge in Critically Ill Adult Patients: A Systematic Review. <i>Anesthesia and Analgesia</i> , <b>2017</b> , 125, 1532-1543	3.9	25



101	Mortality in caRdIAc surgery (MYRIAD): A randomized controlled trial of volatile anesthetics. Rationale and design. <i>Contemporary Clinical Trials</i> , <b>2017</b> , 59, 38-43	2.3	10
100	Surviving Sepsis Campaign: International Guidelines for Management of Sepsis and Septic Shock: 2016. <i>Critical Care Medicine</i> , <b>2017</b> , 45, 486-552	1.4	1683
99	Efficacy of ventilator waveform observation for detection of patient-ventilator asynchrony during NIV: a multicentre study. <i>ERJ Open Research</i> , <b>2017</b> , 3,	3.5	25
98	Dupilumab for the treatment of asthma. <i>Expert Opinion on Biological Therapy</i> , <b>2017</b> , 17, 1565-1572	5.4	26
97	Osteopontin at the Crossroads of Inflammation and Tumor Progression. <i>Mediators of Inflammation</i> , <b>2017</b> , 2017, 4049098	4.3	92
96	Ten important articles on noninvasive ventilation in critically ill patients and insights for the future: A report of expert opinions. <i>BMC Anesthesiology</i> , <b>2017</b> , 17, 122	2.4	24
95	New setting of neurally adjusted ventilatory assist for noninvasive ventilation by facial mask: a physiologic study. <i>Critical Care</i> , <b>2017</b> , 21, 170	10.8	26
94	Official ERS/ATS clinical practice guidelines: noninvasive ventilation for acute respiratory failure. <i>European Respiratory Journal</i> , <b>2017</b> , 50,	13.6	562
93	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> , <b>2017</b> , 222, 1074-1080	3.4	11
92	The intensive care medicine research agenda for airways, invasive and noninvasive mechanical ventilation. <i>Intensive Care Medicine</i> , <b>2017</b> , 43, 1352-1365	14.5	26
91	Intensive care unit patients with lower respiratory tract nosocomial infections: the ENIRRI project. <i>ERJ Open Research</i> , <b>2017</b> , 3,	3.5	15
90	Cardiac cycle efficiency and diastolic pressure variations: new parameters for fluid therapy: An observational study. <i>European Journal of Anaesthesiology</i> , <b>2017</b> , 34, 755-763	2.3	5
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87	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> , <b>2016</b> , 11, 969-75	3.7	5
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78	Neurally adjusted ventilatory assist. <i>Current Opinion in Critical Care</i> , <b>2015</b> , 21, 58-64	3.5	31
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75	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> , <b>2015</b> , 19, 244	10.8	18
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68	Prolonged weaning: From the intensive care unit to home. <i>Revista Portuguesa De Pneumologia</i> , <b>2014</b> , 20, 264-272		4
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62	Bench comparative evaluation of a new generation and standard helmet for delivering non-invasive ventilation. <i>Intensive Care Medicine</i> , <b>2013</b> , 39, 734-8	14.5	28
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51	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> , <b>2011</b> , 37, 1943-50	14.5	66
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48	Emerging modes for non-invasive ventilation <b>2010</b> , 36-41		

47	Timing of non-invasive ventilation <b>2010</b> , 118-125		
46	Influence of ventilator settings on patient-ventilator synchrony during pressure support ventilation with different interfaces. <i>Intensive Care Medicine</i> , <b>2010</b> , 36, 1363-70	14.5	38
45	NAVA ventilation. <i>Minerva Anestesiologica</i> , <b>2010</b> , 76, 346-52	1.9	13
44	Inhalational anesthetics in acute severe asthma. <i>Current Drug Targets</i> , <b>2009</b> , 10, 826-32	3	14
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41	Internal space of interfaces for noninvasive ventilation: dead, but not deadly. <i>Critical Care Medicine</i> , <b>2009</b> , 37, 1146-7	1.4	1
40	Criteria for extubation in neurologic patients. <i>Critical Care Medicine</i> , <b>2009</b> , 37, 1529-1530	1.4	1
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33	Physiologic response to varying levels of pressure support and neurally adjusted ventilatory assist in patients with acute respiratory failure. <i>Intensive Care Medicine</i> , <b>2008</b> , 34, 2010-8	14.5	161
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29	Inspiratory muscle unloading by neurally adjusted ventilatory assist during maximal inspiratory efforts in healthy subjects. <i>Chest</i> , <b>2007</b> , 131, 711-717	5.3	706
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26	Physiological responses during a T-piece weaning trial with a deflated tube. <i>Intensive Care Medicine</i> , <b>2006</b> , 32, 1399-403	14.5	11
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20	Noninvasive positive pressure ventilation using a helmet in patients with acute exacerbation of chronic obstructive pulmonary disease: a feasibility study. <i>Anesthesiology</i> , <b>2004</b> , 100, 16-24	4.3	161
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15	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> , <b>2002</b> , 28, 278-84	14.5	115
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11	Electrical activity of the diaphragm during pressure support ventilation in acute respiratory failure. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2001</b> , 164, 419-24	10.2	158
10	Physiologic evaluation of noninvasive mechanical ventilation delivered with three types of masks in patients with chronic hypercapnic respiratory failure. <i>Critical Care Medicine</i> , <b>2000</b> , 28, 1785-90	1.4	214
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8	Neural control of mechanical ventilation in respiratory failure. <i>Nature Medicine</i> , <b>1999</b> , 5, 1433-6	50.5	473
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5	Proportional assist ventilation in acute respiratory failure: effects on breathing pattern and inspiratory effort. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>1996</b> , 154, 1330-8	10.2	51
4	Influence of site of tracheal pressure measurement on in situ estimation of endotracheal tube resistance. <i>Journal of Applied Physiology</i> , <b>1994</b> , 77, 2899-906	3.7	23
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2	Comparison of static and dynamic measurements of intrinsic PEEP in mechanically ventilated patients. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>1994</b> , 150, 1318-24	10.2	81
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