

# Giacomo Grasselli

## 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.

270 papers	22,361 citations	57 h-index	147 g-index
289 ext. papers	29,672 ext. citations	7.4 avg, IF	7.31 L-index

#	Paper	IF	Citations
270	Interleukin-1 blocking agents for treating COVID-19.. <i>The Cochrane Library</i> , <b>2022</b> , 1, CD015308	5.2	2
269	Safety and feasibility of physiotherapy in ICU-admitted severe COVID-19 patients: an observational study.. <i>Monaldi Archives for Chest Disease</i> , <b>2022</b> ,	2.7	1
268	Extracorporeal membrane oxygenation for COVID-19 and influenza H1N1 associated acute respiratory distress syndrome: a multicenter retrospective cohort study.. <i>Critical Care</i> , <b>2022</b> , 26, 34	10.8	1
267	Prone positioning during venovenous extracorporeal membrane oxygenation for acute respiratory distress syndrome: a pooled individual patient data analysis.. <i>Critical Care</i> , <b>2022</b> , 26, 8	10.8	1
266	ARDS in Patients Without Risk Factors <b>2022</b> , 279-287		
265	Invasive Ventilation in COVID-19 <b>2022</b> , 255-264		
264	Cerebrospinal Fluid and Arterial Acid-Base Equilibrium of Spontaneously Breathing Patients with Aneurismal Subarachnoid Hemorrhage.. <i>Neurocritical Care</i> , <b>2022</b> , 1	3.3	0
263	Accessory and Expiratory Muscles Activation During Spontaneous Breathing Trial: A Physiological Study by Surface Electromyography.. <i>Frontiers in Medicine</i> , <b>2022</b> , 9, 814219	4.9	0
262	High-flow nasal oxygen alone or alternating with non-invasive ventilation in critically ill immunocompromised patients with acute respiratory failure: a randomised controlled trial.. <i>Lancet Respiratory Medicine</i> , <b>2022</b> ,	35.1	3
261	Management of Acute Kidney Injury and Extracorporeal Blood Purification Therapies During the COVID-19 Pandemic: The Italian SIN-SIAARTI Joint Survey (and Recommendations for Clinical Practice).. <i>Frontiers in Medicine</i> , <b>2022</b> , 9, 850535	4.9	0
260	Ascorbic acid in solid organ transplantation: A literature review.. <i>Clinical Nutrition</i> , <b>2022</b> , 41, 1244-1255	5.9	1
259	Early short course of neuromuscular blocking agents in patients with COVID-19 ARDS: a propensity score analysis.. <i>Critical Care</i> , <b>2022</b> , 26, 141	10.8	1
258	Lung Biomolecular Profile and Function of Grafts from Donors after Cardiocirculatory Death with Prolonged Donor Warm Ischemia Time. <i>Journal of Clinical Medicine</i> , <b>2022</b> , 11, 3066	5.1	1
257	Assessment of 28-Day In-Hospital Mortality in Mechanically Ventilated Patients With Coronavirus Disease 2019: An International Cohort Study <b>2021</b> , 3, e0567		1
256	Time course of risk factors associated with mortality of 1260 critically ill patients with COVID-19 admitted to 24 Italian intensive care units. <i>Intensive Care Medicine</i> , <b>2021</b> , 47, 995-1008	14.5	5
255	Higher levels of IgA and IgG at sepsis onset are associated with higher mortality: results from the Albumin Italian Outcome Sepsis (ALBIOS) trial. <i>Annals of Intensive Care</i> , <b>2021</b> , 11, 161	8.9	1
254	The early phase of the COVID-19 epidemic in Lombardy, Italy. <i>Epidemics</i> , <b>2021</b> , 37, 100528	5.1	74

253	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
252	Respiratory Drive in Patients with Sepsis and Septic Shock: Modulation by High-flow Nasal Cannula. <i>Anesthesiology</i> , <b>2021</b> , 135, 1066-1075	4.3	0
251	Muscle strength and functional outcome after prone positioning in COVID-19 ICU survivors. <i>Intensive and Critical Care Nursing</i> , <b>2021</b> , 69, 103160	3.1	2
250	Viscoelastic Coagulation Monitor as a Novel Device to Assess Coagulation at the Bedside. A Single-Center Experience During the COVID-19 Pandemic. <i>ASAIO Journal</i> , <b>2021</b> , 67, 254-262	3.6	1
249	Preparedness of ICU networks for pandemics. <i>Current Opinion in Critical Care</i> , <b>2021</b> , 27, 13-19	3.5	2
248	Ventilation of coronavirus disease 2019 patients. <i>Current Opinion in Critical Care</i> , <b>2021</b> , 27, 6-12	3.5	7
247	Chest X-ray findings in a large cohort of 1117 patients with SARS-CoV-2 infection: a multicenter study during COVID-19 outbreak in Italy. <i>Internal and Emergency Medicine</i> , <b>2021</b> , 16, 1173-1181	3.7	5
246	Early caloric deficit is associated with a higher risk of death in invasive ventilated COVID-19 patients. <i>Clinical Nutrition</i> , <b>2021</b> ,	5.9	8
245	Quantification of Recirculation During Veno-Venous Extracorporeal Membrane Oxygenation: In Vitro Evaluation of a Thermodilution Technique. <i>ASAIO Journal</i> , <b>2021</b> ,	3.6	1
244	Mechanical ventilation parameters in critically ill COVID-19 patients: a scoping review. <i>Critical Care</i> , <b>2021</b> , 25, 115	10.8	27
243	Prone position in intubated, mechanically ventilated patients with COVID-19: a multi-centric study of more than 1000 patients. <i>Critical Care</i> , <b>2021</b> , 25, 128	10.8	49
242	Concurrent Thoracic Endovascular Aortic Repair and Liver Transplant: Multidisciplinary Management of Multiple Posttraumatic Lesions. <i>Annals of Vascular Surgery</i> , <b>2021</b> , 72, 662.e7-662.e14	1.7	1
241	Normal Response to Fibrinolytic Challenge in COVID-19 Patients: Viscoelastic Evaluation Using Urokinase-Modified Thromboelastography. <i>Journal of the American College of Surgeons</i> , <b>2021</b> , 232, 803-805	4.4	0
240	Video calls at end of life are feasible but not enough: A 1-year intensive care unit experience during the coronavirus disease-19 pandemic. <i>Nursing in Critical Care</i> , <b>2021</b> , 26, 531-533	2.7	4
239	Good clinical practice for the use of vasopressor and inotropic drugs in critically ill patients: state-of-the-art and expert consensus. <i>Minerva Anestesiologica</i> , <b>2021</b> , 87, 714-732	1.9	1
238	Paradoxical Effect of Chest Wall Compression on Respiratory System Compliance: A Multicenter Case Series of Patients With ARDS, With Multimodal Assessment. <i>Chest</i> , <b>2021</b> , 160, 1335-1339	5.3	8
237	Albumin replacement therapy in immunocompromised patients with sepsis - Secondary analysis of the ALBIOS trial. <i>Journal of Critical Care</i> , <b>2021</b> , 63, 83-91	4	0
236	Emergently planned exclusive hub-and-spoke system in the epicenter of the first wave of COVID-19 pandemic in Italy: the experience of the largest COVID-19-free ICU hub for time-dependent diseases. <i>Minerva Anestesiologica</i> , <b>2021</b> , 87, 1091-1099	1.9	1

235	Noninvasive Ventilatory Support of Patients with COVID-19 outside the Intensive Care Units (WARD-COVID). <i>Annals of the American Thoracic Society</i> , <b>2021</b> , 18, 1020-1026	4.7	48
234	Why and how to open intensive care units to family visits during the pandemic. <i>Critical Care</i> , <b>2021</b> , 25, 191	10.8	7
233	Unmatched ventilation and perfusion measured by electrical impedance tomography predicts the outcome of ARDS. <i>Critical Care</i> , <b>2021</b> , 25, 192	10.8	10
232	Development of a Critical Care Response - Experiences from Italy During the Coronavirus Disease 2019 Pandemic. <i>Anesthesiology Clinics</i> , <b>2021</b> , 39, 265-284	2.3	11
231	Alkaline Liquid Ventilation of the Membrane Lung for Extracorporeal Carbon Dioxide Removal (ECCOR): In Vitro Study. <i>Membranes</i> , <b>2021</b> , 11,	3.8	1
230	Pulmonary volume-feedback and ventilatory pattern after bilateral lung transplantation using neurally adjusted ventilatory assist ventilation. <i>British Journal of Anaesthesia</i> , <b>2021</b> , 127, 143-152	5.4	2
229	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
228	Facepiece filtering respirators with exhalation valve should not be used in the community to limit SARS-CoV-2 diffusion. <i>Infection Control and Hospital Epidemiology</i> , <b>2021</b> , 42, 369-370	2	5
227	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
226	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
225	Right Ventricle Dysfunction in Patients With Adult Cystic Fibrosis Enlisted for Lung Transplant. <i>Transplantation Proceedings</i> , <b>2021</b> , 53, 260-264	1.1	0
224	The ADAMTS13-von Willebrand factor axis in COVID-19 patients. <i>Journal of Thrombosis and Haemostasis</i> , <b>2021</b> , 19, 513-521	15.4	78
223	Pathophysiology of COVID-19-associated acute respiratory distress syndrome - AuthorsPreply. <i>Lancet Respiratory Medicine</i> , <b>2021</b> , 9, e5-e6	35.1	13
222	Anakinra combined with methylprednisolone in patients with severe COVID-19 pneumonia and hyperinflammation: An observational cohort study. <i>Journal of Allergy and Clinical Immunology</i> , <b>2021</b> , 147, 561-566.e4	11.5	53
221	Research response to coronavirus disease 2019 needed better coordination and collaboration: a living mapping of registered trials. <i>Journal of Clinical Epidemiology</i> , <b>2021</b> , 130, 107-116	5.7	9
220	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
219	Genetic insight into COVID-19-related liver injury. <i>Liver International</i> , <b>2021</b> , 41, 227-229	7.9	9
218	Complement activation and endothelial perturbation parallel COVID-19 severity and activity. <i>Journal of Autoimmunity</i> , <b>2021</b> , 116, 102560	15.5	57

217	Early detection of deep vein thrombosis in patients with coronavirus disease 2019: who to screen and who not to with Doppler ultrasound?. <i>Journal of Ultrasound</i> , <b>2021</b> , 24, 165-173	3.4	8
216	Cardiopulmonary Resuscitation-associated Lung Edema (CRALE). A Translational Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2021</b> , 203, 447-457	10.2	6
215	Hemostatic alterations in COVID-19. <i>Haematologica</i> , <b>2021</b> , 106, 1472-1475	6.6	24
214	Heparin-Free Lung Transplantation on Venovenous Extracorporeal Membrane Oxygenation Bridge. <i>ASAIO Journal</i> , <b>2021</b> , 67, e191-e197	3.6	2
213	Overcoming the Limits of Reconditioning: Seventeen Hours of EVLP With Successful Transplantation From Uncontrolled Circulatory Death Donor. <i>Transplantation</i> , <b>2021</b> , 105, 2620-2624	1.8	4
212	Increasing dosages of low-molecular-weight heparin in hospitalized patients with Covid-19. <i>Internal and Emergency Medicine</i> , <b>2021</b> , 16, 1223-1229	3.7	14
211	Barotrauma in mechanically ventilated patients with Coronavirus disease 2019: a survey of 38 hospitals in Lombardy, Italy. <i>Minerva Anestesiologica</i> , <b>2021</b> , 87, 193-198	1.9	10
210	Enabling a learning healthcare system with automated computer protocols that produce replicable and personalized clinician actions. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2021</b> , 28, 1330-1344	8.6	4
209	Assessment of Platelet Thrombus Formation under Flow Conditions in Adult Patients with COVID-19: An Observational Study. <i>Thrombosis and Haemostasis</i> , <b>2021</b> , 121, 1087-1096	7	7
208	Adjunctive IgM-enriched immunoglobulin therapy with a personalised dose based on serum IgM-titres versus standard dose in the treatment of septic shock: a randomised controlled trial (IgM-fat trial). <i>BMJ Open</i> , <b>2021</b> , 11, e036616	3	1
207	Endothelial damage in septic shock patients as evidenced by circulating syndecan-1, sphingosine-1-phosphate and soluble VE-cadherin: a substudy of ALBIOS. <i>Critical Care</i> , <b>2021</b> , 25, 113	10.8	10
206	Interleukin-6 blocking agents for treating COVID-19: a living systematic review. <i>The Cochrane Library</i> , <b>2021</b> , 3, CD013881	5.2	43
205	Addition of 5% CO to Inspiratory Gas Prevents Lung Injury in an Experimental Model of Pulmonary Artery Ligation. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2021</b> , 204, 933-942	10.2	1
204	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> , <b>2021</b> , 87, 1080-1090	1.9	2
203	Hospital-Acquired Infections in Critically Ill Patients With COVID-19. <i>Chest</i> , <b>2021</b> , 160, 454-465	5.3	64
202	Low noncarbonic buffer power amplifies acute respiratory acid-base disorders in patients with sepsis: an in vitro study. <i>Journal of Applied Physiology</i> , <b>2021</b> , 131, 464-473	3.7	4
201	Secondary infections in critically ill patients with COVID-19. <i>Critical Care</i> , <b>2021</b> , 25, 317	10.8	1
200	Reply: Can We Reliably Predict the Failure of Noninvasive Ventilation in COVID-19-associated Acute Hypoxemic Respiratory Failure?. <i>Annals of the American Thoracic Society</i> , <b>2021</b> , 18, 1595-1596	4.7	2

199	Response. <i>Chest</i> , <b>2021</b> , 160, e316	5.3	2
198	Effect of anakinra on mortality in patients with COVID-19: a systematic review and patient-level meta-analysis. <i>Lancet Rheumatology</i> , <b>2021</b> , 3, e690-e697	14.2	38
197	Personal protective equipment use by healthcare workers in intensive care unit during the early phase of COVID-19 pandemic in Italy: a secondary analysis of the PPE-SAFE survey. <i>Therapeutic Advances in Infectious Disease</i> , <b>2021</b> , 8, 2049936121998562	2.8	10
196	Early Phases of COVID-19 Are Characterized by a Reduction in Lymphocyte Populations and the Presence of Atypical Monocytes. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 560330	8.4	23
195	Prone position in ARDS patients: why, when, how and for whom. <i>Intensive Care Medicine</i> , <b>2020</b> , 46, 2385-2396	24.96	85
194	One ventilator for two patients: feasibility and considerations of a last resort solution in case of equipment shortage. <i>Thorax</i> , <b>2020</b> , 75, 517-519	7.3	21
193	Genomewide Association Study of Severe Covid-19 with Respiratory Failure. <i>New England Journal of Medicine</i> , <b>2020</b> , 383, 1522-1534	59.2	913
192	Critically ill patients with COVID-19 in New York City. <i>Lancet, The</i> , <b>2020</b> , 395, 1740-1741	40	9
191	Managing ICU surge during the COVID-19 crisis: rapid guidelines. <i>Intensive Care Medicine</i> , <b>2020</b> , 46, 1303-1325	14.5	153
190	Lung- and Diaphragm-Protective Ventilation. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2020</b> , 202, 950-961	10.2	61
189	Red cell-bound antibodies and transfusion requirements in hospitalized patients with COVID-19. <i>Blood</i> , <b>2020</b> , 136, 766-768	2.2	31
188	Baseline Characteristics and Outcomes of 1591 Patients Infected With SARS-CoV-2 Admitted to ICUs of the Lombardy Region, Italy. <i>JAMA - Journal of the American Medical Association</i> , <b>2020</b> , 323, 1574-1581	27.4	3054
187	Critical Care Utilization for the COVID-19 Outbreak in Lombardy, Italy: Early Experience and Forecast During an Emergency Response. <i>JAMA - Journal of the American Medical Association</i> , <b>2020</b> , 323, 1545-1546	27.4	1287
186	Yesterday heroes, today plague doctors: the dark side of celebration. <i>Intensive Care Medicine</i> , <b>2020</b> , 46, 1790-1791	14.5	7
185	Preparation of a radiology department in an Italian hospital dedicated to COVID-19 patients. <i>Radiologia Medica</i> , <b>2020</b> , 125, 894-901	6.5	12
184	Spontaneous Breathing Patterns During Maximum Extracorporeal CO Removal in Subjects With Early Severe ARDS. <i>Respiratory Care</i> , <b>2020</b> , 65, 911-919	2.1	6
183	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
182	The Medical Emergency Team in Italy: an overview of in-hospital emergencies response. <i>Acta Biomedica</i> , <b>2020</b> , 91, 9-18	3.2	3



181	Dynamic bedside assessment of the physiologic effects of prone position in acute respiratory distress syndrome patients by electrical impedance tomography. <i>Minerva Anestesiologica</i> , <b>2020</b> , 86, 1057-1064	1.9	13
180	Management of critically ill patients with COVID-19: suggestions and instructions from the coordination of intensive care units of Lombardy. <i>Minerva Anestesiologica</i> , <b>2020</b> , 86, 1234-1245	1.9	19
179	D-dimer corrected for thrombin and plasmin generation is a strong predictor of mortality in patients with sepsis. <i>Blood Transfusion</i> , <b>2020</b> , 18, 304-311	3.6	9
178	Respiratory drive in the acute respiratory distress syndrome: pathophysiology, monitoring, and therapeutic interventions. <i>Intensive Care Medicine</i> , <b>2020</b> , 46, 606-618	14.5	66
177	Key Role of Respiratory Quotient to Reduce the Occurrence of Hypoxemia During Extracorporeal Gas Exchange: A Theoretical Analysis. <i>Critical Care Medicine</i> , <b>2020</b> , 48, e1327-e1331	1.4	6
176	Mechanical Ventilation for Acute Respiratory Distress Syndrome during Extracorporeal Life Support. Research and Practice. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2020</b> , 201, 514-525	10.2	50
175	Intraoperative extracorporeal membrane oxygenation for lung transplantation in cystic fibrosis patients: Predictors and impact on outcome. <i>Journal of Cystic Fibrosis</i> , <b>2020</b> , 19, 659-665	4.1	5
174	Time-Course of Physiologic Variables During Extracorporeal Membrane Oxygenation and Outcome of Severe Acute Respiratory Distress Syndrome. <i>ASAIO Journal</i> , <b>2020</b> , 66, 663-670	3.6	6
173	Monitoring respiratory mechanics during assisted ventilation. <i>Current Opinion in Critical Care</i> , <b>2020</b> , 26, 11-17	3.5	5
172	Continuous Renal Replacement Therapy in Venovenous Extracorporeal Membrane Oxygenation: A Retrospective Study on Regional Citrate Anticoagulation. <i>ASAIO Journal</i> , <b>2020</b> , 66, 332-338	3.6	10
171	Practical Clinical Application of an Extracorporeal Carbon Dioxide Removal System in Acute Respiratory Distress Syndrome and Acute on Chronic Respiratory Failure. <i>ASAIO Journal</i> , <b>2020</b> , 66, 691-697	3.6	6
170	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
169	ECLS-associated infections in adults: what we know and what we don't yet know. <i>Intensive Care Medicine</i> , <b>2020</b> , 46, 182-191	14.5	31
168	A Randomized Controlled Trial of Antithrombin Supplementation During Extracorporeal Membrane Oxygenation. <i>Critical Care Medicine</i> , <b>2020</b> , 48, 1636-1644	1.4	6
167	Potential for Lung Recruitment and Ventilation-Perfusion Mismatch in Patients With the Acute Respiratory Distress Syndrome From Coronavirus Disease 2019. <i>Critical Care Medicine</i> , <b>2020</b> , 48, 1129-1134	1.4	108
166	Prone and Lateral Positioning in Spontaneously Breathing Patients With COVID-19 Pneumonia Undergoing Noninvasive Helmet CPAP Treatment. <i>Chest</i> , <b>2020</b> , 158, 2431-2435	5.3	37
165	Interdependence between elevated intra-abdominal, pleural, and airway opening pressure in severe acute respiratory distress syndrome with extracorporeal membrane oxygenation. <i>British Journal of Anaesthesia</i> , <b>2020</b> , 125, e371-e373	5.4	1
164	Risk Factors Associated With Mortality Among Patients With COVID-19 in Intensive Care Units in Lombardy, Italy. <i>JAMA Internal Medicine</i> , <b>2020</b> , 180, 1345-1355	11.5	604

163	The role for high flow nasal cannula as a respiratory support strategy in adults: a clinical practice guideline. <i>Intensive Care Medicine</i> , <b>2020</b> , 46, 2226-2237	14.5	55
162	Nasal high flow higher than 60L/min in patients with acute hypoxemic respiratory failure: a physiological study. <i>Critical Care</i> , <b>2020</b> , 24, 654	10.8	5
161	Personalized Positive End-Expiratory Pressure in Acute Respiratory Distress Syndrome: Comparison Between Optimal Distribution of Regional Ventilation and Positive Transpulmonary Pressure. <i>Critical Care Medicine</i> , <b>2020</b> , 48, 1148-1156	1.4	13
160	Extracorporeal life support for adults with acute respiratory distress syndrome. <i>Intensive Care Medicine</i> , <b>2020</b> , 46, 2464-2476	14.5	40
159	Gravitational distribution of regional opening and closing pressures, hysteresis and atelectrauma in ARDS evaluated by electrical impedance tomography. <i>Critical Care</i> , <b>2020</b> , 24, 622	10.8	9
158	Pathophysiology of COVID-19-associated acute respiratory distress syndrome: a multicentre prospective observational study. <i>Lancet Respiratory Medicine</i> , <b>2020</b> , 8, 1201-1208	35.1	293
157	Fluid therapy in mechanically ventilated critically ill children: the sodium, chloride and water burden of fluid creep. <i>BMC Pediatrics</i> , <b>2020</b> , 20, 424	2.6	1
156	Pressure-flow relationship of cannulae for extracorporeal membrane oxygenation. <i>Perfusion (United Kingdom)</i> , <b>2020</b> , 35, 271-272	1.9	3
155	Hypercoagulability of COVID-19 patients in intensive care unit: A report of thromboelastography findings and other parameters of hemostasis. <i>Journal of Thrombosis and Haemostasis</i> , <b>2020</b> , 18, 1738-1742	15.4	787
154	Early pulmonary function and mid-term outcome in lung transplantation after ex-vivo lung perfusion - a single-center, retrospective, observational, cohort study. <i>Transplant International</i> , <b>2020</b> , 33, 773-785	3	5
153	Veno-venous extracorporeal membrane oxygenation in acute respiratory distress syndrome: should the EOLIA Study results change our clinical approach?. <i>Minerva Anestesiologica</i> , <b>2019</b> , 85, 909-913	1.9	6
152	Microbiological colonization of healthcare workers' mobile phones in a tertiary-level Italian intensive care unit. <i>Intensive and Critical Care Nursing</i> , <b>2019</b> , 52, 17-21	3.1	4
151	Increasing support by nasal high flow acutely modifies the ROX index in hypoxemic patients: A physiologic study. <i>Journal of Critical Care</i> , <b>2019</b> , 53, 183-185	4	17
150	Nasal high flow: physiology, efficacy and safety in the acute care setting, a narrative review. <i>Open Access Emergency Medicine</i> , <b>2019</b> , 11, 109-120	1.9	11
149	Adjuvant treatment of severe varicella pneumonia with intravenous varicella zoster virus-specific immunoglobulins. <i>International Journal of Infectious Diseases</i> , <b>2019</b> , 85, 70-73	10.5	4
148	Antithrombin supplementation during extracorporeal membrane oxygenation: study protocol for a pilot randomized clinical trial. <i>Trials</i> , <b>2019</b> , 20, 349	2.8	5
147	Assessment of Airway Driving Pressure and Respiratory System Mechanics during Neurally Adjusted Ventilatory Assist. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2019</b> , 200, 785-788	10.2	7
146	Severe diaphragmatic dysfunction with preserved activity of accessory respiratory muscles in a critically ill child: a case report of failure of neurally adjusted ventilatory assist (NAVA) and successful support with pressure support ventilation (PSV). <i>BMC Pediatrics</i> , <b>2019</b> , 19, 155	2.6	0



145	Prevention of Lung Bacterial Colonization With a Leak-Proof Endotracheal Tube Cuff: An Experimental Animal Study. <i>Respiratory Care</i> , <b>2019</b> , 64, 1031-1041	2.1	0
144	Hemoglobin trigger and approach to red blood cell transfusions during veno-venous extracorporeal membrane oxygenation: the international TRAIN-ECMO survey. <i>Perfusion (United Kingdom)</i> , <b>2019</b> , 34, 39-48	1.9	12
143	Electrical impedance tomography in perioperative medicine: careful respiratory monitoring for tailored interventions. <i>BMC Anesthesiology</i> , <b>2019</b> , 19, 140	2.4	13
142	Noninvasive assessment of airflows by electrical impedance tomography in intubated hypoxemic patients: an exploratory study. <i>Annals of Intensive Care</i> , <b>2019</b> , 9, 83	8.9	6
141	High-flow nasal oxygen therapy alone or with non-invasive ventilation in immunocompromised patients admitted to ICU for acute hypoxemic respiratory failure: the randomised multicentre controlled FLORALI-IM protocol. <i>BMJ Open</i> , <b>2019</b> , 9, e029798	3	7
140	Gastrointestinal colonization with multidrug-resistant Gram-negative bacteria during extracorporeal membrane oxygenation: effect on the risk of subsequent infections and impact on patient outcome. <i>Annals of Intensive Care</i> , <b>2019</b> , 9, 141	8.9	7
139	Effects of a physiotherapeutic program in patients on veno-venous extracorporeal membrane oxygenation: an 8-year single-center experience. <i>Minerva Anestesiologica</i> , <b>2019</b> , 85, 989-994	1.9	6
138	Re-expansion pulmonary edema in a patient with anorexia nervosa and delayed drainage of traumatic pneumothorax. <i>AME Case Reports</i> , <b>2019</b> , 3, 46	0.6	
137	Effects of inspiratory flow on lung stress, pendelluft, and ventilation heterogeneity in ARDS: a physiological study. <i>Critical Care</i> , <b>2019</b> , 23, 369	10.8	13
136	Extracorporeal Membrane Oxygenation 1-yr Outcome: Reply. <i>Anesthesiology</i> , <b>2019</b> , 131, 1196-1197	4.3	
135	Driving Pressure Is Associated with Outcome during Assisted Ventilation in Acute Respiratory Distress Syndrome. <i>Anesthesiology</i> , <b>2019</b> , 131, 594-604	4.3	36
134	Quality of Life and Lung Function in Survivors of Extracorporeal Membrane Oxygenation for Acute Respiratory Distress Syndrome. <i>Anesthesiology</i> , <b>2019</b> , 130, 572-580	4.3	18
133	Extracorporeal Membrane Oxygenation for Pulmonary Support <b>2019</b> , 1183-1190.e2		1
132	Intraoperative hypotension is not associated with postoperative cognitive dysfunction in elderly patients undergoing general anesthesia for surgery: results of a randomized controlled pilot trial. <i>Journal of Clinical Anesthesia</i> , <b>2019</b> , 52, 111-118	1.9	29
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128	What's new in electrical impedance tomography. <i>Intensive Care Medicine</i> , <b>2019</b> , 45, 674-677	14.5	7

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126	The authors reply. <i>Critical Care Medicine</i> , <b>2018</b> , 46, e172-e173	1.4	
125	Research in Extracorporeal Life Support: A Call to Action. <i>Chest</i> , <b>2018</b> , 153, 788-791	5.3	21
124	Platelet Drop and Fibrinolytic Shutdown in Patients With Sepsis. <i>Critical Care Medicine</i> , <b>2018</b> , 46, e221-e228	4.4	48
123	Persistence of Central Venous Oxygen Desaturation During Early Sepsis Is Associated With Higher Mortality: A Retrospective Analysis of the ALBIOS Trial. <i>Chest</i> , <b>2018</b> , 154, 1291-1300	5.3	9
122	Circulating Proenkephalin, Acute Kidney Injury, and Its Improvement in Patients with Severe Sepsis or Shock. <i>Clinical Chemistry</i> , <b>2018</b> , 64, 1361-1369	5.5	20
121	Immunocompromised patients with acute respiratory distress syndrome: secondary analysis of the LUNG SAFE database. <i>Critical Care</i> , <b>2018</b> , 22, 157	10.8	49
120	Application of prone position in hypoxaemic patients supported by veno-venous ECMO. <i>Intensive and Critical Care Nursing</i> , <b>2018</b> , 48, 61-68	3.1	24
119	Variation of poorly ventilated lung units (silent spaces) measured by electrical impedance tomography to dynamically assess recruitment. <i>Critical Care</i> , <b>2018</b> , 22, 26	10.8	44
118	Thromboelastography-based anticoagulation management during extracorporeal membrane oxygenation: a safety and feasibility pilot study. <i>Annals of Intensive Care</i> , <b>2018</b> , 8, 7	8.9	54
117	Impact of flow and temperature on patient comfort during respiratory support by high-flow nasal cannula. <i>Critical Care</i> , <b>2018</b> , 22, 120	10.8	43
116	Quality of Life of Adult Survivors After Extra Corporeal Membrane Oxygenation (ECMO): A Quantitative Study. <i>Dimensions of Critical Care Nursing</i> , <b>2018</b> , 37, 12-17	1.9	7
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113	Septic shock-3 vs 2: an analysis of the ALBIOS study. <i>Critical Care</i> , <b>2018</b> , 22, 237	10.8	10
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103	Fifty Years of Research in ARDS. Is Extracorporeal Circulation the Future of Acute Respiratory Distress Syndrome Management?. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2017</b> , 195, 1161-1170	10.2	47
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