

# Giacomo Grasselli

## 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.

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	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
269	Epidemiology, Patterns of Care, and Mortality for Patients With Acute Respiratory Distress Syndrome in Intensive Care Units in 50 Countries. <i>JAMA - Journal of the American Medical Association</i> , <b>2016</b> , 315, 788-800	27.4	2131
268	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
267	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
266	Effect of prone positioning on the survival of patients with acute respiratory failure. <i>New England Journal of Medicine</i> , <b>2001</b> , 345, 568-73	59.2	894
265	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
264	Pressure-volume curve of total respiratory system in acute respiratory failure. Computed tomographic scan study. <i>The American Review of Respiratory Disease</i> , <b>1987</b> , 136, 730-6		694
263	Albumin replacement in patients with severe sepsis or septic shock. <i>New England Journal of Medicine</i> , <b>2014</b> , 370, 1412-21	59.2	677
262	An Official American Thoracic Society/European Society of Intensive Care Medicine/Society of Critical Care Medicine Clinical Practice Guideline: Mechanical Ventilation in Adult Patients with Acute Respiratory Distress Syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2017</b> , 195, 1253-1263	10.2	674
261	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
260	The concept of "baby lung". <i>Intensive Care Medicine</i> , <b>2005</b> , 31, 776-84	14.5	508
259	Mechanical Ventilation to Minimize Progression of Lung Injury in Acute Respiratory Failure. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2017</b> , 195, 438-442	10.2	491
258	Body position changes redistribute lung computed-tomographic density in patients with acute respiratory failure. <i>Anesthesiology</i> , <b>1991</b> , 74, 15-23	4.3	465
257	Carbon dioxide dialysis will save the lung. <i>Critical Care Medicine</i> , <b>2010</b> , 38, S549-54	1.4	340
256	Prone positioning in patients with moderate and severe acute respiratory distress syndrome: a randomized controlled trial. <i>JAMA - Journal of the American Medical Association</i> , <b>2009</b> , 302, 1977-84	27.4	324
255	The application of esophageal pressure measurement in patients with respiratory failure. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2014</b> , 189, 520-31	10.2	318
254	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

253	Noninvasive Ventilation of Patients with Acute Respiratory Distress Syndrome. Insights from the LUNG SAFE Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2017</b> , 195, 67-77	10.2	269
252	The Italian ECMO network experience during the 2009 influenza A(H1N1) pandemic: preparation for severe respiratory emergency outbreaks. <i>Intensive Care Medicine</i> , <b>2011</b> , 37, 1447-57	14.5	259
251	Prone Position for Acute Respiratory Distress Syndrome. A Systematic Review and Meta-Analysis. <i>Annals of the American Thoracic Society</i> , <b>2017</b> , 14, S280-S288	4.7	247
250	Physiologic Effects of High-Flow Nasal Cannula in Acute Hypoxemic Respiratory Failure. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2017</b> , 195, 1207-1215	10.2	240
249	Esophageal and transpulmonary pressure in the clinical setting: meaning, usefulness and perspectives. <i>Intensive Care Medicine</i> , <b>2016</b> , 42, 1360-73	14.5	234
248	Decrease in PaCO <sub>2</sub> with prone position is predictive of improved outcome in acute respiratory distress syndrome. <i>Critical Care Medicine</i> , <b>2003</b> , 31, 2727-33	1.4	184
247	Patient-ventilator interaction during neurally adjusted ventilatory assist in low birth weight infants. <i>Pediatric Research</i> , <b>2009</b> , 65, 663-8	3.2	167
246	Managing ICU surge during the COVID-19 crisis: rapid guidelines. <i>Intensive Care Medicine</i> , <b>2020</b> , 46, 1303-1325	14.5	153
245	Potentially modifiable factors contributing to outcome from acute respiratory distress syndrome: the LUNG SAFE study. <i>Intensive Care Medicine</i> , <b>2016</b> , 42, 1865-1876	14.5	149
244	Lung regional metabolic activity and gas volume changes induced by tidal ventilation in patients with acute lung injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2011</b> , 183, 1193-9	10.2	144
243	ECMO criteria for influenza A (H1N1)-associated ARDS: role of transpulmonary pressure. <i>Intensive Care Medicine</i> , <b>2012</b> , 38, 395-403	14.5	140
242	Effect of prone positioning during mechanical ventilation on mortality among patients with acute respiratory distress syndrome: a systematic review and meta-analysis. <i>Cmaj</i> , <b>2014</b> , 186, E381-90	3.5	136
241	Prone positioning improves oxygenation in spontaneously breathing nonintubated patients with hypoxemic acute respiratory failure: A retrospective study. <i>Journal of Critical Care</i> , <b>2015</b> , 30, 1390-4	4	134
240	The "baby lung" became an adult. <i>Intensive Care Medicine</i> , <b>2016</b> , 42, 663-673	14.5	131
239	Estimation of patient's inspiratory effort from the electrical activity of the diaphragm. <i>Critical Care Medicine</i> , <b>2013</b> , 41, 1483-91	1.4	116
238	Optimum support by high-flow nasal cannula in acute hypoxemic respiratory failure: effects of increasing flow rates. <i>Intensive Care Medicine</i> , <b>2017</b> , 43, 1453-1463	14.5	114
237	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	14.5	108
236	"Awake" extracorporeal membrane oxygenation (ECMO): pathophysiology, technical considerations, and clinical pioneering. <i>Critical Care</i> , <b>2016</b> , 20, 150	10.8	103

235	Head helmet versus face mask for non-invasive continuous positive airway pressure: a physiological study. <i>Intensive Care Medicine</i> , <b>2003</b> , 29, 1680-7	14.5	102
234	Venovenous extracorporeal membrane oxygenation for acute respiratory failure : A clinical review from an international group of experts. <i>Intensive Care Medicine</i> , <b>2016</b> , 42, 712-724	14.5	91
233	Sigh improves gas exchange and lung volume in patients with acute respiratory distress syndrome undergoing pressure support ventilation. <i>Anesthesiology</i> , <b>2002</b> , 96, 788-94	4.3	91
232	Infections during extracorporeal membrane oxygenation: epidemiology, risk factors, pathogenesis and prevention. <i>International Journal of Antimicrobial Agents</i> , <b>2017</b> , 50, 9-16	14.3	86
231	Prone position in ARDS patients: why, when, how and for whom. <i>Intensive Care Medicine</i> , <b>2020</b> , 46, 2385-2396	14.5	85
230	Patient-ventilator interaction in ARDS patients with extremely low compliance undergoing ECMO: a novel approach based on diaphragm electrical activity. <i>Intensive Care Medicine</i> , <b>2013</b> , 39, 282-91	14.5	83
229	Imaging in acute respiratory distress syndrome. <i>Intensive Care Medicine</i> , <b>2016</b> , 42, 686-698	14.5	79
228	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
227	Pressure support ventilation in patients with acute lung injury. <i>Critical Care Medicine</i> , <b>2000</b> , 28, 1269-75	1.4	77
226	Topographic distribution of tidal ventilation in acute respiratory distress syndrome: effects of positive end-expiratory pressure and pressure support. <i>Critical Care Medicine</i> , <b>2013</b> , 41, 1664-73	1.4	76
225	The early phase of the COVID-19 epidemic in Lombardy, Italy. <i>Epidemics</i> , <b>2021</b> , 37, 100528	5.1	74
224	Do spontaneous and mechanical breathing have similar effects on average transpulmonary and alveolar pressure? A clinical crossover study. <i>Critical Care</i> , <b>2016</b> , 20, 142	10.8	67
223	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
222	The effects of positive end-expiratory pressure on respiratory resistance in patients with the adult respiratory distress syndrome and in normal anesthetized subjects. <i>The American Review of Respiratory Disease</i> , <b>1991</b> , 144, 101-7		65
221	Hospital-Acquired Infections in Critically Ill Patients With COVID-19. <i>Chest</i> , <b>2021</b> , 160, 454-465	5.3	64
220	Respiratory support in patients with acute respiratory distress syndrome: an expert opinion. <i>Critical Care</i> , <b>2017</b> , 21, 240	10.8	62
219	Lung- and Diaphragm-Protective Ventilation. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2020</b> , 202, 950-961	10.2	61
218	Control of Respiratory Drive and Effort in Extracorporeal Membrane Oxygenation Patients Recovering from Severe Acute Respiratory Distress Syndrome. <i>Anesthesiology</i> , <b>2016</b> , 125, 159-67	4.3	61

217	End-inspiratory airway occlusion: a method to assess the pressure developed by inspiratory muscles in patients with acute lung injury undergoing pressure support. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>1997</b> , 156, 1210-6	10.2	59
216	Extracorporeal carbon dioxide removal (ECCOR) in patients with acute respiratory failure. <i>Intensive Care Medicine</i> , <b>2017</b> , 43, 519-530	14.5	58
215	Respiratory Electrodialysis. A Novel, Highly Efficient Extracorporeal CO2 Removal Technique. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2015</b> , 192, 719-26	10.2	58
214	Respiratory pattern during neurally adjusted ventilatory assist in acute respiratory failure patients. <i>Intensive Care Medicine</i> , <b>2012</b> , 38, 230-9	14.5	57
213	Complement activation and endothelial perturbation parallel COVID-19 severity and activity. <i>Journal of Autoimmunity</i> , <b>2021</b> , 116, 102560	15.5	57
212	Clinical and pharmacological phase I study with accelerated titration design of a daily times five schedule of BBR3464, a novel cationic triplatinum complex. <i>Annals of Oncology</i> , <b>2000</b> , 11, 977-83	10.3	55
211	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
210	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
209	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
208	Nosocomial Infections During Extracorporeal Membrane Oxygenation: Incidence, Etiology, and Impact on Patients' Outcome. <i>Critical Care Medicine</i> , <b>2017</b> , 45, 1726-1733	1.4	52
207	Amplitude spectrum area to guide defibrillation: a validation on 1617 patients with ventricular fibrillation. <i>Circulation</i> , <b>2015</b> , 131, 478-87	16.7	52
206	Bedside assessment of the effects of positive end-expiratory pressure on lung inflation and recruitment by the helium dilution technique and electrical impedance tomography. <i>Intensive Care Medicine</i> , <b>2016</b> , 42, 1576-1587	14.5	52
205	Lung volume in mechanically ventilated patients: measurement by simplified helium dilution compared to quantitative CT scan. <i>Intensive Care Medicine</i> , <b>2004</b> , 30, 282-289	14.5	50
204	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
203	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
202	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
201	Platelet Drop and Fibrinolytic Shutdown in Patients With Sepsis. <i>Critical Care Medicine</i> , <b>2018</b> , 46, e221-e228		48
200	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

199	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
198	Pentraxin 3 in patients with severe sepsis or shock: the ALBIOS trial. <i>European Journal of Clinical Investigation</i> , <b>2017</b> , 47, 73-83	4.6	45
197	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
196	Characterization of neural breathing pattern in spontaneously breathing preterm infants. <i>Pediatric Research</i> , <b>2011</b> , 70, 607-13	3.2	44
195	A new look at therapy of the adult respiratory distress syndrome: motionless lungs. <i>International Anesthesiology Clinics</i> , <b>1983</b> , 21, 97-117	0.6	44
194	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
193	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
192	Circulating Biologically Active Adrenomedullin (bio-ADM) Predicts Hemodynamic Support Requirement and Mortality During Sepsis. <i>Chest</i> , <b>2017</b> , 152, 312-320	5.3	42
191	Is helmet CPAP first line pre-hospital treatment of presumed severe acute pulmonary edema?. <i>Intensive Care Medicine</i> , <b>2009</b> , 35, 656-62	14.5	42
190	Extracorporeal life support for adults with acute respiratory distress syndrome. <i>Intensive Care Medicine</i> , <b>2020</b> , 46, 2464-2476	14.5	40
189	Effects of Sigh on Regional Lung Strain and Ventilation Heterogeneity in Acute Respiratory Failure Patients Undergoing Assisted Mechanical Ventilation. <i>Critical Care Medicine</i> , <b>2015</b> , 43, 1823-31	1.4	38
188	Effect of anakinra on mortality in patients with COVID-19: a systematic review and patient-level meta-analysis. <i>Lancet Rheumatology, The</i> , <b>2021</b> , 3, e690-e697	14.2	38
187	Bedside selection of positive end-expiratory pressure by electrical impedance tomography in hypoxemic patients: a feasibility study. <i>Annals of Intensive Care</i> , <b>2017</b> , 7, 76	8.9	37
186	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
185	Regional blood acidification enhances extracorporeal carbon dioxide removal: a 48-hour animal study. <i>Anesthesiology</i> , <b>2014</b> , 120, 416-24	4.3	36
184	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
183	Extracorporeal membrane oxygenation for interhospital transfer of severe acute respiratory distress syndrome patients: 5-year experience. <i>International Journal of Artificial Organs</i> , <b>2011</b> , 34, 1052-60	1.9	35
182	Phase I clinical and pharmacological evaluation of the multi-tyrosine kinase inhibitor SU006668 by chronic oral dosing. <i>European Journal of Cancer</i> , <b>2006</b> , 42, 171-8	7.5	35



181	Clinical and pharmacologic study of the epirubicin and paclitaxel combination in women with metastatic breast cancer. <i>Journal of Clinical Oncology</i> , <b>2001</b> , 19, 2222-31	2.2	35
180	Percutaneous extracorporeal CO2 removal in a patient with bullous emphysema with recurrent bilateral pneumothoraces and respiratory failure. <i>Anesthesiology</i> , <b>1990</b> , 72, 571-3	4.3	33
179	Percutaneous vascular cannulation for extracorporeal life support (ECLS): a modified technique. <i>International Journal of Artificial Organs</i> , <b>2010</b> , 33, 553-7	1.9	32
178	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
177	Spontaneous breathing: a double-edged sword to handle with care. <i>Annals of Translational Medicine</i> , <b>2017</b> , 5, 292	3.2	31
176	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
175	Neurologic outcome of postanoxic refractory status epilepticus after aggressive treatment. <i>Neurology</i> , <b>2018</b> , 91, e2153-e2162	6.5	31
174	Extremely high transpulmonary pressure in a spontaneously breathing patient with early severe ARDS on ECMO. <i>Intensive Care Medicine</i> , <b>2016</b> , 42, 2101-2103	14.5	30
173	Role of absolute lung volume to assess alveolar recruitment in acute respiratory distress syndrome patients. <i>Critical Care Medicine</i> , <b>2010</b> , 38, 1300-7	1.4	30
172	An interrupter technique for measuring respiratory mechanics and the pressure generated by respiratory muscles during partial ventilatory support. <i>Chest</i> , <b>1992</b> , 102, 918-23	5.3	30
171	Extracorporeal gas exchange. <i>Current Opinion in Critical Care</i> , <b>2009</b> , 15, 52-8	3.5	29
170	A randomized phase II study of combination, alternating and sequential regimens of doxorubicin and docetaxel as first-line chemotherapy for women with metastatic breast cancer. <i>Annals of Oncology</i> , <b>2004</b> , 15, 433-9	10.3	29
169	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
168	Imaging in acute lung injury and acute respiratory distress syndrome. <i>Current Opinion in Critical Care</i> , <b>2012</b> , 18, 29-34	3.5	27
167	Effects of short-term oxygenation changes on acute lung injury patients undergoing pressure support ventilation. <i>Chest</i> , <b>1993</b> , 103, 1185-9	5.3	27
166	Clinical assessment of auto-positive end-expiratory pressure by diaphragmatic electrical activity during pressure support and neurally adjusted ventilatory assist. <i>Anesthesiology</i> , <b>2014</b> , 121, 563-71	4.3	27
165	Mechanical ventilation parameters in critically ill COVID-19 patients: a scoping review. <i>Critical Care</i> , <b>2021</b> , 25, 115	10.8	27
164	Assessing effort and work of breathing. <i>Current Opinion in Critical Care</i> , <b>2014</b> , 20, 352-8	3.5	25

163	Increase of oxygen consumption during a progressive decrease of ventilatory support is lower in patients failing the trial in comparison with those who succeed. <i>Anesthesiology</i> , <b>2010</b> , 113, 378-85	4.3	25
162	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
161	High flow nasal therapy in immunocompromised patients with acute respiratory failure: A systematic review and meta-analysis. <i>Journal of Critical Care</i> , <b>2019</b> , 50, 250-256	4	24
160	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
159	Hemostatic alterations in COVID-19. <i>Haematologica</i> , <b>2021</b> , 106, 1472-1475	6.6	24
158	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
157	Successful use of neurally adjusted ventilatory assist in a patient with extremely low respiratory system compliance undergoing ECMO. <i>Intensive Care Medicine</i> , <b>2011</b> , 37, 166-7	14.5	23
156	Looking closer at acute respiratory distress syndrome: the role of advanced imaging techniques. <i>Current Opinion in Critical Care</i> , <b>2017</b> , 23, 30-37	3.5	22
155	Assessment of patient-ventilator breath contribution during neurally adjusted ventilatory assist. <i>Intensive Care Medicine</i> , <b>2012</b> , 38, 1224-32	14.5	22
154	Measurement of Diaphragmatic Electrical Activity by Surface Electromyography in Intubated Subjects and Its Relationship With Inspiratory Effort. <i>Respiratory Care</i> , <b>2018</b> , 63, 1341-1349	2.1	22
153	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
152	Research in Extracorporeal Life Support: A Call to Action. <i>Chest</i> , <b>2018</b> , 153, 788-791	5.3	21
151	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
150	Use of extracorporeal respiratory support during pregnancy: a case report and literature review. <i>ASAIO Journal</i> , <b>2012</b> , 58, 281-4	3.6	20
149	Drug interactions of paclitaxel and docetaxel and their relevance for the design of combination therapy. <i>Investigational New Drugs</i> , <b>2001</b> , 19, 179-96	4.3	20
148	Regional distribution of air trapping in chronic obstructive pulmonary disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2013</b> , 188, 1466-7	10.2	19
147	Cardiotoxic effects of anthracycline-taxane combinations. <i>Expert Opinion on Drug Safety</i> , <b>2003</b> , 2, 59-71	4.1	19
146	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



145	Prognostic Value of Secretoneurin in Patients With Severe Sepsis and Septic Shock: Data From the Albumin Italian Outcome Sepsis Study. <i>Critical Care Medicine</i> , <b>2018</b> , 46, e404-e410	1.4	18
144	Measurement of pressure-time product during spontaneous assisted breathing by rapid interrupter technique. <i>Anesthesiology</i> , <b>2007</b> , 106, 484-90	4.3	18
143	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
142	Understanding hypoxemia on ECCOR: back to the alveolar gas equation. <i>Intensive Care Medicine</i> , <b>2019</b> , 45, 255-256	14.5	18
141	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
140	A mathematical model of oxygenation during venovenous extracorporeal membrane oxygenation support. <i>Journal of Critical Care</i> , <b>2016</b> , 36, 178-186	4	17
139	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
138	Respiratory mechanics to understand ARDS and guide mechanical ventilation. <i>Physiological Measurement</i> , <b>2017</b> , 38, R280-H303	2.9	16
137	Relation between peak and integral of the diaphragm electromyographic activity at different levels of support during weaning from mechanical ventilation: a physiologic study. <i>Journal of Critical Care</i> , <b>2015</b> , 30, 7-12	4	15
136	Modular extracorporeal life support: effects of ultrafiltrate recirculation on the performance of an extracorporeal carbon dioxide removal device. <i>ASAIO Journal</i> , <b>2014</b> , 60, 335-41	3.6	15
135	Extracorporeal cardiopulmonary support for cardiogenic shock caused by pheochromocytoma: a case report and literature review. <i>Anesthesiology</i> , <b>2008</b> , 108, 959-62	4.3	15
134	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
133	Effects of sodium citrate, citric acid and lactic acid on human blood coagulation. <i>Perfusion (United Kingdom)</i> , <b>2018</b> , 33, 577-583	1.9	15
132	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
131	Electrical impedance tomography in perioperative medicine: careful respiratory monitoring for tailored interventions. <i>BMC Anesthesiology</i> , <b>2019</b> , 19, 140	2.4	13
130	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
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19	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
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