

Giacomo Grasselli

List of Publications by Year in descending order

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Version: 2024-02-01

283
papers

34,853
citations

11908

72
h-index

4511

177
g-index

290
all docs

290
docs citations

290
times ranked

38791
citing authors

#	ARTICLE	IF	CITATIONS
1	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> , 2020, 323, 1574.	3.8	4,411
2	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> , 2016, 315, 788.	3.8	3,568
3	Critical Care Utilization for the COVID-19 Outbreak in Lombardy, Italy. <i>JAMA - Journal of the American Medical Association</i> , 2020, 323, 1545.	3.8	1,777
4	Genomewide Association Study of Severe Covid-19 with Respiratory Failure. <i>New England Journal of Medicine</i> , 2020, 383, 1522-1534.	13.9	1,548
5	Effect of Prone Positioning on the Survival of Patients with Acute Respiratory Failure. <i>New England Journal of Medicine</i> , 2001, 345, 568-573.	13.9	1,184
6	Risk Factors Associated With Mortality Among Patients With COVID-19 in Intensive Care Units in Lombardy, Italy. <i>JAMA Internal Medicine</i> , 2020, 180, 1345.	2.6	1,165
7	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> , 2017, 195, 1253-1263.	2.5	1,104
8	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> , 2020, 18, 1738-1742.	1.9	1,070
9	Albumin Replacement in Patients with Severe Sepsis or Septic Shock. <i>New England Journal of Medicine</i> , 2014, 370, 1412-1421.	13.9	947
10	Pressure-Volume Curve of Total Respiratory System in Acute Respiratory Failure: Computed Tomographic Scan Study. <i>The American Review of Respiratory Disease</i> , 1987, 136, 730-736.	2.9	846
11	Mechanical Ventilation to Minimize Progression of Lung Injury in Acute Respiratory Failure. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 438-442.	2.5	846
12	The concept of "baby lung". <i>Intensive Care Medicine</i> , 2005, 31, 776-784.	3.9	688
13	Body Position Changes Redistribute Lung Computed-Tomographic Density in Patients with Acute Respiratory Failure. <i>Anesthesiology</i> , 1991, 74, 15-23.	1.3	570
14	Pathophysiology of COVID-19-associated acute respiratory distress syndrome: a multicentre prospective observational study. <i>Lancet Respiratory Medicine</i> , 2020, 8, 1201-1208.	5.2	516
15	Prone Positioning in Patients With Moderate and Severe Acute Respiratory Distress Syndrome. <i>JAMA - Journal of the American Medical Association</i> , 2009, 302, 1977.	3.8	459
16	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> , 2017, 195, 67-77.	2.5	456
17	The Application of Esophageal Pressure Measurement in Patients with Respiratory Failure. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 189, 520-531.	2.5	443
18	Prone Position for Acute Respiratory Distress Syndrome. A Systematic Review and Meta-Analysis. <i>Annals of the American Thoracic Society</i> , 2017, 14, S280-S288.	1.5	400

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19	Physiologic Effects of High-Flow Nasal Cannula in Acute Hypoxemic Respiratory Failure. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 1207-1215.	2.5	390
20	Esophageal and transpulmonary pressure in the clinical setting: meaning, usefulness and perspectives. Intensive Care Medicine, 2016, 42, 1360-1373.	3.9	352
21	Carbon dioxide dialysis will save the lung. Critical Care Medicine, 2010, 38, S549-S554.	0.4	344
22	The Italian ECMO network experience during the 2009 influenza A(H1N1) pandemic: preparation for severe respiratory emergency outbreaks. Intensive Care Medicine, 2011, 37, 1447-57.	3.9	321
23	Managing ICU surge during the COVID-19 crisis: rapid guidelines. Intensive Care Medicine, 2020, 46, 1303-1325.	3.9	281
24	Decrease in Paco2 with prone position is predictive of improved outcome in acute respiratory distress syndrome*. Critical Care Medicine, 2003, 31, 2727-2733.	0.4	247
25	Potentially modifiable factors contributing to outcome from acute respiratory distress syndrome: the LUNG SAFE study. Intensive Care Medicine, 2016, 42, 1865-1876.	3.9	247
26	Prone position in ARDS patients: why, when, how and for whom. Intensive Care Medicine, 2020, 46, 2385-2396.	3.9	243
27	Hospital-Acquired Infections in Critically Ill Patients With COVID-19. Chest, 2021, 160, 454-465.	0.4	225
28	Prone positioning improves oxygenation in spontaneously breathing nonintubated patients with hypoxemic acute respiratory failure: A retrospective study. Journal of Critical Care, 2015, 30, 1390-1394.	1.0	214
29	The "baby lung" became an adult. Intensive Care Medicine, 2016, 42, 663-673.	3.9	206
30	Effect of prone positioning during mechanical ventilation on mortality among patients with acute respiratory distress syndrome: a systematic review and meta-analysis. Cmaj, 2014, 186, E381-E390.	0.9	200
31	Patient-Ventilator Interaction During Neurally Adjusted Ventilatory Assist in Low Birth Weight Infants. Pediatric Research, 2009, 65, 663-668.	1.1	195
32	ECMO criteria for influenza A (H1N1)-associated ARDS: role of transpulmonary pressure. Intensive Care Medicine, 2012, 38, 395-403.	3.9	191
33	Lung Regional Metabolic Activity and Gas Volume Changes Induced by Tidal Ventilation in Patients with Acute Lung Injury. American Journal of Respiratory and Critical Care Medicine, 2011, 183, 1193-1199.	2.5	188
34	The role for high flow nasal cannula as a respiratory support strategy in adults: a clinical practice guideline. Intensive Care Medicine, 2020, 46, 2226-2237.	3.9	185
35	Optimum support by high-flow nasal cannula in acute hypoxemic respiratory failure: effects of increasing flow rates. Intensive Care Medicine, 2017, 43, 1453-1463.	3.9	180
36	Potential for Lung Recruitment and Ventilation-Perfusion Mismatch in Patients With the Acute Respiratory Distress Syndrome From Coronavirus Disease 2019*. Critical Care Medicine, 2020, 48, 1129-1134.	0.4	177

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37	The ADAMTS13â€“von Willebrand factor axis in COVIDâ€“19 patients. <i>Journal of Thrombosis and Haemostasis</i> , 2021, 19, 513-521.	1.9	176
38	Lung- and Diaphragm-Protective Ventilation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 950-961.	2.5	166
39	The early phase of the COVID-19 epidemic in Lombardy, Italy. <i>Epidemics</i> , 2021, 37, 100528.	1.5	158
40	Prone position in intubated, mechanically ventilated patients with COVID-19: a multi-centric study of more than 1000 patients. <i>Critical Care</i> , 2021, 25, 128.	2.5	157
41	Infections during extracorporeal membrane oxygenation: epidemiology, risk factors, pathogenesis and prevention. <i>International Journal of Antimicrobial Agents</i> , 2017, 50, 9-16.	1.1	154
42	â€œAwakeâ€“extracorporeal membrane oxygenation (ECMO): pathophysiology, technical considerations, and clinical pioneering. <i>Critical Care</i> , 2016, 20, 150.	2.5	151
43	Respiratory drive in the acute respiratory distress syndrome: pathophysiology, monitoring, and therapeutic interventions. <i>Intensive Care Medicine</i> , 2020, 46, 606-618.	3.9	149
44	Estimation of Patientâ€™s Inspiratory Effort From the Electrical Activity of the Diaphragm*. <i>Critical Care Medicine</i> , 2013, 41, 1483-1491.	0.4	136
45	Venovenous extracorporeal membrane oxygenation for acute respiratory failure. <i>Intensive Care Medicine</i> , 2016, 42, 712-724.	3.9	136
46	Head helmet versus face mask for non-invasive continuous positive airway pressure: a physiological study. <i>Intensive Care Medicine</i> , 2003, 29, 1680-1687.	3.9	132
47	Complement activation and endothelial perturbation parallel COVID-19 severity and activity. <i>Journal of Autoimmunity</i> , 2021, 116, 102560.	3.0	127
48	Effect of anakinra on mortality in patients with COVID-19: a systematic review and patient-level meta-analysis. <i>Lancet Rheumatology</i> , The, 2021, 3, e690-e697.	2.2	121
49	Noninvasive Ventilatory Support of Patients with COVID-19 outside the Intensive Care Units (WARd-COVID). <i>Annals of the American Thoracic Society</i> , 2021, 18, 1020-1026.	1.5	111
50	Sigh Improves Gas Exchange and Lung Volume in Patients with Acute Respiratory Distress Syndrome Undergoing Pressure Support Ventilation. <i>Anesthesiology</i> , 2002, 96, 788-794.	1.3	109
51	Nosocomial Infections During Extracorporeal Membrane Oxygenation: Incidence, Etiology, and Impact on Patientsâ€™ Outcome. <i>Critical Care Medicine</i> , 2017, 45, 1726-1733.	0.4	107
52	Interleukin-6 blocking agents for treating COVID-19: a living systematic review. <i>The Cochrane Library</i> , 2021, 2021, CD013881.	1.5	106
53	Mechanical Ventilation for Acute Respiratory Distress Syndrome during Extracorporeal Life Support. <i>Research and Practice. American Journal of Respiratory and Critical Care Medicine</i> , 2020, 201, 514-525.	2.5	105
54	Imaging in acute respiratory distress syndrome. <i>Intensive Care Medicine</i> , 2016, 42, 686-698.	3.9	104

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55	Extracorporeal life support for adults with acute respiratory distress syndrome. <i>Intensive Care Medicine</i> , 2020, 46, 2464-2476.	3.9	98
56	Topographic Distribution of Tidal Ventilation in Acute Respiratory Distress Syndrome. <i>Critical Care Medicine</i> , 2013, 41, 1664-1673.	0.4	95
57	Do spontaneous and mechanical breathing have similar effects on average transpulmonary and alveolar pressure? A clinical crossover study. <i>Critical Care</i> , 2016, 20, 142.	2.5	94
58	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> , 2013, 39, 282-291.	3.9	92
59	Thromboelastography-based anticoagulation management during extracorporeal membrane oxygenation: a safety and feasibility pilot study. <i>Annals of Intensive Care</i> , 2018, 8, 7.	2.2	92
60	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> , 2021, 147, 561-566.e4.	1.5	90
61	Control of Respiratory Drive and Effort in Extracorporeal Membrane Oxygenation Patients Recovering from Severe Acute Respiratory Distress Syndrome. <i>Anesthesiology</i> , 2016, 125, 159-167.	1.3	89
62	Impact of flow and temperature on patient comfort during respiratory support by high-flow nasal cannula. <i>Critical Care</i> , 2018, 22, 120.	2.5	88
63	Pressure support ventilation in patients with acute lung injury. <i>Critical Care Medicine</i> , 2000, 28, 1269-1275.	0.4	86
64	Mechanical ventilation parameters in critically ill COVID-19 patients: a scoping review. <i>Critical Care</i> , 2021, 25, 115.	2.5	86
65	Extracorporeal carbon dioxide removal (ECCO2R) in patients with acute respiratory failure. <i>Intensive Care Medicine</i> , 2017, 43, 519-530.	3.9	84
66	Respiratory support in patients with acute respiratory distress syndrome: an expert opinion. <i>Critical Care</i> , 2017, 21, 240.	2.5	84
67	Immunocompromised patients with acute respiratory distress syndrome: secondary analysis of the LUNG SAFE database. <i>Critical Care</i> , 2018, 22, 157.	2.5	84
68	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> , 1991, 144, 101-107.	2.9	82
69	Variation of poorly ventilated lung units (silent spaces) measured by electrical impedance tomography to dynamically assess recruitment. <i>Critical Care</i> , 2018, 22, 26.	2.5	82
70	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> , 2016, 42, 1576-1587.	3.9	78
71	End-Inspiratory Airway Occlusion. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1997, 156, 1210-1216.	2.5	77
72	Amplitude Spectrum Area to Guide Defibrillation. <i>Circulation</i> , 2015, 131, 478-487.	1.6	76

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73	Pentraxin 3 in patients with severe sepsis or shock: the ALBIOS trial. <i>European Journal of Clinical Investigation</i> , 2017, 47, 73-83.	1.7	71
74	Driving Pressure Is Associated with Outcome during Assisted Ventilation in Acute Respiratory Distress Syndrome. <i>Anesthesiology</i> , 2019, 131, 594-604.	1.3	71
75	The COVID-NMA Project: Building an Evidence Ecosystem for the COVID-19 Pandemic. <i>Annals of Internal Medicine</i> , 2020, 173, 1015-1017.	2.0	70
76	Respiratory Electrodialysis. A Novel, Highly Efficient Extracorporeal CO ₂ Removal Technique. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015, 192, 719-726.	2.5	68
77	Respiratory pattern during neurally adjusted ventilatory assist in acute respiratory failure patients. <i>Intensive Care Medicine</i> , 2012, 38, 230-239.	3.9	67
78	Bedside selection of positive end-expiratory pressure by electrical impedance tomography in hypoxemic patients: a feasibility study. <i>Annals of Intensive Care</i> , 2017, 7, 76.	2.2	67
79	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> , 2000, 11, 977-984.	0.6	66
80	Platelet Drop and Fibrinolytic Shutdown in Patients With Sepsis. <i>Critical Care Medicine</i> , 2018, 46, e221-e228.	0.4	65
81	ECLS-associated infections in adults: what we know and what we don't yet know. <i>Intensive Care Medicine</i> , 2020, 46, 182-191.	3.9	65
82	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.	1.5	64
83	Red cell-bound antibodies and transfusion requirements in hospitalized patients with COVID-19. <i>Blood</i> , 2020, 136, 766-768.	0.6	60
84	Circulating Biologically Active Adrenomedullin (bio-ADM) Predicts Hemodynamic Support Requirement and Mortality During Sepsis. <i>Chest</i> , 2017, 152, 312-320.	0.4	59
85	Extracorporeal Circulation the Future of Acute Respiratory Distress Syndrome Management?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 1161-1170.	2.5	58
86	Lung volume in mechanically ventilated patients: measurement by simplified helium dilution compared to quantitative CT scan. <i>Intensive Care Medicine</i> , 2004, 30, 282-289.	3.9	56
87	Prone and Lateral Positioning in Spontaneously Breathing Patients With COVID-19 Pneumonia Undergoing Noninvasive Helmet CPAP Treatment. <i>Chest</i> , 2020, 158, 2431-2435.	0.4	56
88	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.	2.5	56
89	Is helmet CPAP first line pre-hospital treatment of presumed severe acute pulmonary edema?. <i>Intensive Care Medicine</i> , 2009, 35, 656-662.	3.9	54
90	Characterization of Neural Breathing Pattern in Spontaneously Breathing Preterm Infants. <i>Pediatric Research</i> , 2011, 70, 607-613.	1.1	54

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91	Spontaneous breathing: a double-edged sword to handle with care. <i>Annals of Translational Medicine</i> , 2017, 5, 292-292.	0.7	54
92	Neurologic outcome of postanoxic refractory status epilepticus after aggressive treatment. <i>Neurology</i> , 2018, 91, e2153-e2162.	1.5	54
93	Effects of Sigh on Regional Lung Strain and Ventilation Heterogeneity in Acute Respiratory Failure Patients Undergoing Assisted Mechanical Ventilation*. <i>Critical Care Medicine</i> , 2015, 43, 1823-1831.	0.4	52
94	A New Look at Therapy of the Adult Respiratory Distress Syndrome. <i>International Anesthesiology Clinics</i> , 1983, 21, 97-118.	0.3	51
95	Early Phases of COVID-19 Are Characterized by a Reduction in Lymphocyte Populations and the Presence of Atypical Monocytes. <i>Frontiers in Immunology</i> , 2020, 11, 560330.	2.2	47
96	Extremely high transpulmonary pressure in a spontaneously breathing patient with early severe ARDS on ECMO. <i>Intensive Care Medicine</i> , 2016, 42, 2101-2103.	3.9	46
97	Peri-intubation Cardiovascular Collapse in Patients Who Are Critically Ill: Insights from the INTUBE Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 206, 449-458.	2.5	46
98	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> , 2019, 52, 111-118.	0.7	45
99	Regional Blood Acidification Enhances Extracorporeal Carbon Dioxide Removal. <i>Anesthesiology</i> , 2014, 120, 416-424.	1.3	41
100	Percutaneous Extracorporeal CO2 Removal in a Patient with Bullous Emphysema with Recurrent Bilateral Pneumothoraces and Respiratory Failure. <i>Anesthesiology</i> , 1990, 72, 571-572.	1.3	39
101	Phase I clinical and pharmacological evaluation of the multi-tyrosine kinase inhibitor SU006668 by chronic oral dosing. <i>European Journal of Cancer</i> , 2006, 42, 171-178.	1.3	39
102	Assessing effort and work of breathing. <i>Current Opinion in Critical Care</i> , 2014, 20, 352-358.	1.6	39
103	Application of prone position in hypoxaemic patients supported by veno-venous ECMO. <i>Intensive and Critical Care Nursing</i> , 2018, 48, 61-68.	1.4	39
104	Unmatched ventilation and perfusion measured by electrical impedance tomography predicts the outcome of ARDS. <i>Critical Care</i> , 2021, 25, 192.	2.5	39
105	Clinical and Pharmacologic Study of the Epirubicin and Paclitaxel Combination in Women With Metastatic Breast Cancer. <i>Journal of Clinical Oncology</i> , 2001, 19, 2222-2231.	0.8	38
106	Extracorporeal Membrane Oxygenation for Interhospital Transfer of Severe Acute Respiratory Distress Syndrome Patients: A 5-year Experience. <i>International Journal of Artificial Organs</i> , 2011, 34, 1052-1060.	0.7	38
107	Electrical impedance tomography in perioperative medicine: careful respiratory monitoring for tailored interventions. <i>BMC Anesthesiology</i> , 2019, 19, 140.	0.7	38
108	High-Flow Nasal Oxygen for Severe Hypoxemia: Oxygenation Response and Outcome in Patients with COVID-19. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 205, 431-439.	2.5	38

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109	Clinical and organizational factors associated with mortality during the peak of first COVID-19 wave: the global UNITE-COVID study. <i>Intensive Care Medicine</i> , 2022, 48, 690-705.	3.9	38
110	Extracorporeal gas exchange. <i>Current Opinion in Critical Care</i> , 2009, 15, 52-58.	1.6	37
111	Measurement of Diaphragmatic Electrical Activity by Surface Electromyography in Intubated Subjects and Its Relationship With Inspiratory Effort. <i>Respiratory Care</i> , 2018, 63, 1341-1349.	0.8	37
112	Role of absolute lung volume to assess alveolar recruitment in acute respiratory distress syndrome patients. <i>Critical Care Medicine</i> , 2010, 38, 1300-1307.	0.4	36
113	Percutaneous Vascular Cannulation for Extracorporeal Life Support (ECLS): A Modified Technique. <i>International Journal of Artificial Organs</i> , 2010, 33, 553-557.	0.7	36
114	One ventilator for two patients: feasibility and considerations of a last resort solution in case of equipment shortage. <i>Thorax</i> , 2020, 75, 517-519.	2.7	36
115	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> , 2021, 25, 113.	2.5	36
116	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> , 2004, 15, 433-439.	0.6	34
117	Imaging in acute lung injury and acute respiratory distress syndrome. <i>Current Opinion in Critical Care</i> , 2012, 18, 29-34.	1.6	34
118	Hemostatic alterations in COVID-19. <i>Haematologica</i> , 2021, 106, 1472-1475.	1.7	34
119	An Interrupter Technique for Measuring Respiratory Mechanics and the Pressure Generated by Respiratory Muscles during Partial Ventilatory Support. <i>Chest</i> , 1992, 102, 918-923.	0.4	33
120	Effects of Short-term Oxygenation Changes on Acute Lung Injury Patients Undergoing Pressure Support Ventilation. <i>Chest</i> , 1993, 103, 1185-1189.	0.4	33
121	Quality of Life and Lung Function in Survivors of Extracorporeal Membrane Oxygenation for Acute Respiratory Distress Syndrome. <i>Anesthesiology</i> , 2019, 130, 572-580.	1.3	33
122	Clinical Assessment of Auto-positive End-expiratory Pressure by Diaphragmatic Electrical Activity during Pressure Support and Neurally Adjusted Ventilatory Assist. <i>Anesthesiology</i> , 2014, 121, 563-571.	1.3	33
123	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> , 2010, 113, 378-385.	1.3	33
124	High flow nasal therapy in immunocompromised patients with acute respiratory failure: A systematic review and meta-analysis. <i>Journal of Critical Care</i> , 2019, 50, 250-256.	1.0	32
125	A Randomized Controlled Trial of Antithrombin Supplementation During Extracorporeal Membrane Oxygenation. <i>Critical Care Medicine</i> , 2020, 48, 1636-1644.	0.4	32
126	Development of a Critical Care Response - Experiences from Italy During the Coronavirus Disease 2019 Pandemic. <i>Anesthesiology Clinics</i> , 2021, 39, 265-284.	0.6	32

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127	Circulating Proenkephalin, Acute Kidney Injury, and Its Improvement in Patients with Severe Sepsis or Shock. <i>Clinical Chemistry</i> , 2018, 64, 1361-1369.	1.5	31
128	Increasing dosages of low-molecular-weight heparin in hospitalized patients with Covid-19. <i>Internal and Emergency Medicine</i> , 2021, 16, 1223-1229.	1.0	31
129	Secondary infections in critically ill patients with COVID-19. <i>Critical Care</i> , 2021, 25, 317.	2.5	31
130	Use of critical care resources during the first 2 weeks (February 24â€“March 8, 2020) of the Covid-19 outbreak in Italy. <i>Annals of Intensive Care</i> , 2020, 10, 133.	2.2	31
131	Management of critically ill patients with COVID-19: suggestions and instructions from the coordination of intensive care units of Lombardy. <i>Minerva Anestesiologica</i> , 2020, 86, 1234-1245.	0.6	31
132	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> , 2020, 48, 1148-1156.	0.4	30
133	Increasing support by nasal high flow acutely modifies the ROX index in hypoxemic patients: A physiologic study. <i>Journal of Critical Care</i> , 2019, 53, 183-185.	1.0	29
134	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> , 2022, 10, 641-649.	5.2	29
135	A mathematical model of oxygenation during venovenous extracorporeal membrane oxygenation support. <i>Journal of Critical Care</i> , 2016, 36, 178-186.	1.0	28
136	Respiratory mechanics to understand ARDS and guide mechanical ventilation. <i>Physiological Measurement</i> , 2017, 38, R280-H303.	1.2	28
137	Research in Extracorporeal Life Support. <i>Chest</i> , 2018, 153, 788-791.	0.4	28
138	Prone positioning during venovenous extracorporeal membrane oxygenation for acute respiratory distress syndrome: a pooled individual patient data analysis. <i>Critical Care</i> , 2022, 26, 8.	2.5	28
139	Extracorporeal membrane oxygenation for COVID-19 and influenza H1N1 associated acute respiratory distress syndrome: a multicenter retrospective cohort study. <i>Critical Care</i> , 2022, 26, 34.	2.5	28
140	Effects of inspiratory flow on lung stress, pendelluft, and ventilation heterogeneity in ARDS: a physiological study. <i>Critical Care</i> , 2019, 23, 369.	2.5	27
141	Paradoxical Effect of Chest Wall Compression on Respiratory System Compliance. <i>Chest</i> , 2021, 160, 1335-1339.	0.4	27
142	Dynamic bedside assessment of the physiologic effects of prone position in acute respiratory distress syndrome patients by electrical impedance tomography. <i>Minerva Anestesiologica</i> , 2020, 86, 1057-1064.	0.6	27
143	Drug interactions of paclitaxel and docetaxel and their relevance for the design of combination therapy. <i>Investigational New Drugs</i> , 2001, 19, 179-196.	1.2	26
144	Assessment of patientâ€“ventilator breath contribution during neurally adjusted ventilatory assist. <i>Intensive Care Medicine</i> , 2012, 38, 1224-1232.	3.9	26

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145	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> , 2015, 30, 7-12.	1.0	26
146	Interleukin-1 blocking agents for treating COVID-19. <i>The Cochrane Library</i> , 2022, 2022, CD015308.	1.5	26
147	Looking closer at acute respiratory distress syndrome: the role of advanced imaging techniques. <i>Current Opinion in Critical Care</i> , 2017, 23, 30-37.	1.6	25
148	Pathophysiology of COVID-19-associated acute respiratory distress syndrome – Authors' reply. <i>Lancet Respiratory Medicine</i> , 2021, 9, e5-e6.	5.2	25
149	Use of Extracorporeal Respiratory Support During Pregnancy. <i>ASAIO Journal</i> , 2012, 58, 281-284.	0.9	24
150	Successful use of neurally adjusted ventilatory assist in a patient with extremely low respiratory system compliance undergoing ECMO. <i>Intensive Care Medicine</i> , 2011, 37, 166-167.	3.9	23
151	Prognostic Value of Secretoneurin in Patients With Severe Sepsis and Septic Shock. <i>Critical Care Medicine</i> , 2018, 46, e404-e410.	0.4	23
152	Understanding hypoxemia on ECCO2R: back to the alveolar gas equation. <i>Intensive Care Medicine</i> , 2019, 45, 255-256.	3.9	23
153	Why and how to open intensive care units to family visits during the pandemic. <i>Critical Care</i> , 2021, 25, 191.	2.5	23
154	Regional Distribution of Air Trapping in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 188, 1466-1467.	2.5	22
155	Effects of sodium citrate, citric acid and lactic acid on human blood coagulation. <i>Perfusion (United Kingdom)</i> , 2019, 34, 39-48.	0.5	22
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274	Albumin replacement therapy in immunocompromised patients with sepsis – Secondary analysis of the ALBIOS trial. <i>Journal of Critical Care</i> , 2021, 63, 83-91.	1.0	1
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