

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.

203 papers	19,746 citations	52 h-index	139 g-index
235 ext. papers	26,247 ext. citations	8.9 avg, IF	6.91 L-index

#	Paper	IF	Citations
203	Acute respiratory distress syndrome: the Berlin Definition. <i>JAMA - Journal of the American Medical Association</i> , 2012 , 307, 2526-33	27.4	4919
202	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, 788-800	27.4	2131
201	Surviving Sepsis Campaign: guidelines on the management of critically ill adults with Coronavirus Disease 2019 (COVID-19). <i>Intensive Care Medicine</i> , 2020 , 46, 854-887	14.5	1011
200	Extracorporeal Membrane Oxygenation for Severe Acute Respiratory Distress Syndrome. <i>New England Journal of Medicine</i> , 2018 , 378, 1965-1975	59.2	940
199	The Berlin definition of ARDS: an expanded rationale, justification, and supplementary material. <i>Intensive Care Medicine</i> , 2012 , 38, 1573-82	14.5	788
198	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	10.2	674
197	Surviving Sepsis Campaign: Guidelines on the Management of Critically Ill Adults with Coronavirus Disease 2019 (COVID-19). <i>Critical Care Medicine</i> , 2020 , 48, e440-e469	1.4	566
196	Acute Respiratory Distress Syndrome: Advances in Diagnosis and Treatment. <i>JAMA - Journal of the American Medical Association</i> , 2018 , 319, 698-710	27.4	549
195	Physical complications in acute lung injury survivors: a two-year longitudinal prospective study. <i>Critical Care Medicine</i> , 2014 , 42, 849-59	1.4	354
194	Extracorporeal membrane oxygenation support in COVID-19: an international cohort study of the Extracorporeal Life Support Organization registry. <i>Lancet, The</i> , 2020 , 396, 1071-1078	40	333
193	Position paper for the organization of extracorporeal membrane oxygenation programs for acute respiratory failure in adult patients. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014 , 190, 488-96	10.2	290
192	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	10.2	269
191	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	4.7	247
190	Recruitment maneuvers for acute lung injury: a systematic review. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2008 , 178, 1156-63	10.2	234
189	An official American Thoracic Society Clinical Practice guideline: the diagnosis of intensive care unit-acquired weakness in adults. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014 , 190, 1437-46	10.2	220
188	COVID-19-associated acute respiratory distress syndrome: is a different approach to management warranted?. <i>Lancet Respiratory Medicine</i> , 2020 , 8, 816-821	35.1	219
187	One-Year Outcomes in Caregivers of Critically Ill Patients. <i>New England Journal of Medicine</i> , 2016 , 374, 1831-41	59.2	214

186	Extracorporeal Membrane Oxygenation for Severe Acute Respiratory Distress Syndrome and Posterior Probability of Mortality Benefit in a Post Hoc Bayesian Analysis of a Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2018 , 320, 2251-2259	27.4	208
185	Do intensivist staffing patterns influence hospital mortality following ICU admission? A systematic review and meta-analyses. <i>Critical Care Medicine</i> , 2013 , 41, 2253-74	1.4	177
184	Conservative fluid management or deresuscitation for patients with sepsis or acute respiratory distress syndrome following the resuscitation phase of critical illness: a systematic review and meta-analysis. <i>Intensive Care Medicine</i> , 2017 , 43, 155-170	14.5	171
183	Venovenous extracorporeal membrane oxygenation for acute respiratory distress syndrome: a systematic review and meta-analysis. <i>Lancet Respiratory Medicine</i> , 2019 , 7, 163-172	35.1	163
182	Position paper for the organization of ECMO programs for cardiac failure in adults. <i>Intensive Care Medicine</i> , 2018 , 44, 717-729	14.5	162
181	Liberation From Mechanical Ventilation in Critically Ill Adults: An Official American College of Chest Physicians/American Thoracic Society Clinical Practice Guideline: Inspiratory Pressure Augmentation During Spontaneous Breathing Trials, Protocols Minimizing Sedation, and Noninvasive Ventilation to Facilitate Extubation. <i>Chest</i> , 2017 , 151, 111-130	5.3	161
180	Potentially modifiable factors contributing to outcome from acute respiratory distress syndrome: the LUNG SAFE study. <i>Intensive Care Medicine</i> , 2016 , 42, 1865-1876	14.5	149
179	Ventilatory management of acute lung injury and acute respiratory distress syndrome. <i>JAMA - Journal of the American Medical Association</i> , 2005 , 294, 2889-96	27.4	137
178	An Official American Thoracic Society/American College of Chest Physicians Clinical Practice Guideline: Liberation from Mechanical Ventilation in Critically Ill Adults. Rehabilitation Protocols, Ventilator Liberation Protocols, and Cuff Leak Tests. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 195, 120-133	10.2	136
177	Surviving Sepsis Campaign Guidelines on the Management of Adults With Coronavirus Disease 2019 (COVID-19) in the ICU: First Update. <i>Critical Care Medicine</i> , 2021 , 49, e219-e234	1.4	119
176	Extracorporeal membrane oxygenation for severe Middle East respiratory syndrome coronavirus. <i>Annals of Intensive Care</i> , 2018 , 8, 3	8.9	113
175	Worldwide Survey of the "Assessing Pain, Both Spontaneous Awakening and Breathing Trials, Choice of Drugs, Delirium Monitoring/Management, Early Exercise/Mobility, and Family Empowerment" (ABCDEF) Bundle. <i>Critical Care Medicine</i> , 2017 , 45, e1111-e1122	1.4	106
174	Effect of Early Rehabilitation during Intensive Care Unit Stay on Functional Status: Systematic Review and Meta-Analysis. <i>PLoS ONE</i> , 2015 , 10, e0130722	3.7	104
173	Inter-rater reliability of manual muscle strength testing in ICU survivors and simulated patients. <i>Intensive Care Medicine</i> , 2010 , 36, 1038-43	14.5	103
172	Anticoagulation practices and the prevalence of major bleeding, thromboembolic events, and mortality in venoarterial extracorporeal membrane oxygenation: A systematic review and meta-analysis. <i>Journal of Critical Care</i> , 2017 , 39, 87-96	4	100
171	How to use an article about quality improvement. <i>JAMA - Journal of the American Medical Association</i> , 2010 , 304, 2279-87	27.4	94
170	Venovenous extracorporeal membrane oxygenation for acute respiratory failure : A clinical review from an international group of experts. <i>Intensive Care Medicine</i> , 2016 , 42, 712-724	14.5	91
169	The Extracorporeal Life Support Organization Maastricht Treaty for Nomenclature in Extracorporeal Life Support. A Position Paper of the Extracorporeal Life Support Organization. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 198, 447-451	10.2	90

168	Extracorporeal life support for adults with severe acute respiratory failure. <i>Lancet Respiratory Medicine, the</i> , 2014 , 2, 154-64	35.1	88
167	Anticoagulation Practices during Venovenous Extracorporeal Membrane Oxygenation for Respiratory Failure. A Systematic Review. <i>Annals of the American Thoracic Society</i> , 2016 , 13, 2242-2250	4.7	88
166	Potential for Lung Recruitment Estimated by the Recruitment-to-Inflation Ratio in Acute Respiratory Distress Syndrome. A Clinical Trial. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 201, 178-187	10.2	87
165	Echocardiography for adult patients supported with extracorporeal membrane oxygenation. <i>Critical Care</i> , 2015 , 19, 326	10.8	86
164	Ventilation Techniques and Risk for Transmission of Coronavirus Disease, Including COVID-19: A Living Systematic Review of Multiple Streams of Evidence. <i>Annals of Internal Medicine</i> , 2020 , 173, 204-216	8	77
163	Novel approaches to minimize ventilator-induced lung injury. <i>BMC Medicine</i> , 2013 , 11, 85	11.4	75
162	Diaphragmatic myotrauma: a mediator of prolonged ventilation and poor patient outcomes in acute respiratory failure. <i>Lancet Respiratory Medicine, the</i> , 2019 , 7, 90-98	35.1	74
161	Mechanical ventilation during extracorporeal membrane oxygenation. An international survey. <i>Annals of the American Thoracic Society</i> , 2014 , 11, 956-61	4.7	72
160	Extracorporeal life support as a bridge to lung transplantation-experience of a high-volume transplant center. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018 , 155, 1316-1328.e1	1.5	66
159	Outcomes of interfacility critical care adult patient transport: a systematic review. <i>Critical Care</i> , 2006 , 10, R6	10.8	64
158	Geo-economic variations in epidemiology, patterns of care, and outcomes in patients with acute respiratory distress syndrome: insights from the LUNG SAFE prospective cohort study. <i>Lancet Respiratory Medicine, the</i> , 2017 , 5, 627-638	35.1	63
157	The ICM research agenda on extracorporeal life support. <i>Intensive Care Medicine</i> , 2017 , 43, 1306-1318	14.5	61
156	Extracorporeal carbon dioxide removal (ECCOR) in patients with acute respiratory failure. <i>Intensive Care Medicine</i> , 2017 , 43, 519-530	14.5	58
155	Mechanical ventilation during extracorporeal life support (ECLS): a systematic review. <i>Intensive Care Medicine</i> , 2015 , 41, 994-1003	14.5	58
154	ECMO for ARDS: from salvage to standard of care?. <i>Lancet Respiratory Medicine, the</i> , 2019 , 7, 108-110	35.1	54
153	Critical illness neuromyopathy and the role of physical therapy and rehabilitation in critically ill patients. <i>Respiratory Care</i> , 2012 , 57, 933-44; discussion 944-6	2.1	52
152	Predicting mortality in patients undergoing VA-ECMO after coronary artery bypass grafting: the REMEMBER score. <i>Critical Care</i> , 2019 , 23, 11	10.8	52
151	Informed consent in the critically ill: a two-step approach incorporating delirium screening. <i>Critical Care Medicine</i> , 2008 , 36, 94-9	1.4	50

150	Mechanical Ventilation for Acute Respiratory Distress Syndrome during Extracorporeal Life Support. Research and Practice. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 201, 514-525	10.2	50
149	Management of Adult Patients Supported with Venovenous Extracorporeal Membrane Oxygenation (VV ECMO): Guideline from the Extracorporeal Life Support Organization (ELSO). <i>ASAIO Journal</i> , 2021 , 67, 601-610	3.6	50
148	A novel non-invasive method to detect excessively high respiratory effort and dynamic transpulmonary driving pressure during mechanical ventilation. <i>Critical Care</i> , 2019 , 23, 346	10.8	48
147	Association of Driving Pressure With Mortality Among Ventilated Patients With Acute Respiratory Distress Syndrome: A Systematic Review and Meta-Analysis. <i>Critical Care Medicine</i> , 2018 , 46, 300-306	1.4	45
146	Extracorporeal membrane oxygenation for COVID-19: a systematic review and meta-analysis. <i>Critical Care</i> , 2021 , 25, 211	10.8	42
145	Liberation From Mechanical Ventilation in Critically Ill Adults: Executive Summary of an Official American College of Chest Physicians/American Thoracic Society Clinical Practice Guideline. <i>Chest</i> , 2017 , 151, 160-165	5.3	40
144	Extracorporeal life support for adults with acute respiratory distress syndrome. <i>Intensive Care Medicine</i> , 2020 , 46, 2464-2476	14.5	40
143	The Early Change in Pa after Extracorporeal Membrane Oxygenation Initiation Is Associated with Neurological Complications. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 201, 1525-1535	10.2	40
142	Prolonged mechanical ventilation in Canadian intensive care units: a national survey. <i>Journal of Critical Care</i> , 2015 , 30, 25-31	4	39
141	Driving Pressure and Hospital Mortality in Patients Without ARDS: A Cohort Study. <i>Chest</i> , 2018 , 153, 46-54	5.3	38
140	Spontaneous Breathing in Early Acute Respiratory Distress Syndrome: Insights From the Large Observational Study to UNderstand the Global Impact of Severe Acute Respiratory Failure Study. <i>Critical Care Medicine</i> , 2019 , 47, 229-238	1.4	38
139	Electrical impedance tomography in adult patients undergoing mechanical ventilation: A systematic review. <i>Journal of Critical Care</i> , 2016 , 35, 33-50	4	38
138	Resolved versus confirmed ARDS after 24h: insights from the LUNG SAFE study. <i>Intensive Care Medicine</i> , 2018 , 44, 564-577	14.5	36
137	Oxygen Thresholds and Mortality During Extracorporeal Life Support in Adult Patients. <i>Critical Care Medicine</i> , 2017 , 45, 1997-2005	1.4	36
136	Neuromuscular Blockade in the 21st Century Management of the Critically Ill Patient. <i>Chest</i> , 2017 , 151, 697-706	5.3	36
135	Optimal Strategy and Timing of Left Ventricular Venting During Veno-Arterial Extracorporeal Life Support for Adults in Cardiogenic Shock: A Systematic Review and Meta-Analysis. <i>Circulation: Heart Failure</i> , 2019 , 12, e006486	7.6	36
134	Assessment of Therapeutic Interventions and Lung Protective Ventilation in Patients With Moderate to Severe Acute Respiratory Distress Syndrome: A Systematic Review and Network Meta-analysis. <i>JAMA Network Open</i> , 2019 , 2, e198116	10.4	35
133	The ELSO Maastricht Treaty for ECLS Nomenclature: abbreviations for cannulation configuration in extracorporeal life support - a position paper of the Extracorporeal Life Support Organization. <i>Critical Care</i> , 2019 , 23, 36	10.8	34

132	Carbon dioxide in the critically ill: too much or too little of a good thing?. <i>Respiratory Care</i> , 2014 , 59, 1597-605	34
131	High-Frequency Oscillatory Ventilation in Adults With ARDS: Past, Present, and Future. <i>Chest</i> , 2017 , 152, 1306-1317	5.3 34
130	The LUNG SAFE study: a presentation of the prevalence of ARDS according to the Berlin Definition!. <i>Critical Care</i> , 2016 , 20, 268	10.8 34
129	Time-varying intensity of mechanical ventilation and mortality in patients with acute respiratory failure: a registry-based, prospective cohort study. <i>Lancet Respiratory Medicine</i> , 2020 , 8, 905-913	35.1 33
128	Sedation and Mobilization During Venovenous Extracorporeal Membrane Oxygenation for Acute Respiratory Failure: An International Survey. <i>Critical Care Medicine</i> , 2017 , 45, 1893-1899	1.4 32
127	Interleukin-6 receptor blockade in patients with COVID-19: placing clinical trials into context. <i>Lancet Respiratory Medicine</i> , 2021 , 9, 655-664	35.1 32
126	Intracranial hemorrhage in adults on ECMO. <i>Perfusion (United Kingdom)</i> , 2018 , 33, 42-50	1.9 32
125	Etiologies, diagnostic work-up and outcomes of acute respiratory distress syndrome with no common risk factor: a prospective multicenter study. <i>Annals of Intensive Care</i> , 2017 , 7, 69	8.9 31
124	Venoarterial extracorporeal membrane oxygenation for patients in shock or cardiac arrest secondary to cardiotoxicant poisoning: a cost-effectiveness analysis. <i>Journal of Critical Care</i> , 2015 , 30, 437.e7-14	4 30
123	Higher PEEP in patients with acute lung injury: a systematic review and meta-analysis. <i>Respiratory Care</i> , 2011 , 56, 568-75	2.1 30
122	The functional comorbidity index had high inter-rater reliability in patients with acute lung injury. <i>BMC Anesthesiology</i> , 2012 , 12, 21	2.4 29
121	Delirium and exposure to psychoactive medications in critically ill adults: A multi-centre observational study. <i>Journal of Critical Care</i> , 2017 , 42, 268-274	4 28
120	Mechanical Ventilation in Adults with Acute Respiratory Distress Syndrome. Summary of the Experimental Evidence for the Clinical Practice Guideline. <i>Annals of the American Thoracic Society</i> , 2017 , 14, S261-S270	4.7 27
119	Critical illness neuromyopathy and muscle weakness in patients in the intensive care unit. <i>AACN Advanced Critical Care</i> , 2009 , 20, 243-53	1 27
118	Airway Pressure Release Ventilation and High-Frequency Oscillatory Ventilation: Potential Strategies to Treat Severe Hypoxemia and Prevent Ventilator-Induced Lung Injury. <i>Respiratory Care</i> , 2015 , 60, 1509-21	2.1 26
117	Intensive Care Physiotherapy during Extracorporeal Membrane Oxygenation for Acute Respiratory Distress Syndrome. <i>Annals of the American Thoracic Society</i> , 2017 , 14, 246-253	4.7 26
116	Bilateral pneumonectomy to treat uncontrolled sepsis in a patient awaiting lung transplantation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017 , 153, e67-e69	1.5 24
115	Establishing the Effectiveness of Procedural Interventions: The Limited Role of Randomized Trials. <i>JAMA - Journal of the American Medical Association</i> , 2018 , 320, 2421-2422	27.4 24

114	Comparison of 2 Triage Scoring Guidelines for Allocation of Mechanical Ventilators. <i>JAMA Network Open</i> , 2020 , 3, e2029250	10.4	24
113	Complications from recruitment maneuvers in patients with acute lung injury: secondary analysis from the lung open ventilation study. <i>Respiratory Care</i> , 2012 , 57, 1842-9	2.1	22
112	Association of Low Baseline Diaphragm Muscle Mass With Prolonged Mechanical Ventilation and Mortality Among Critically Ill Adults. <i>JAMA Network Open</i> , 2020 , 3, e1921520	10.4	21
111	Critical care services in Ontario: a survey-based assessment of current and future resource needs. <i>Canadian Journal of Anaesthesia</i> , 2009 , 56, 291-7	3	19
110	Review of a large clinical series: sedation and analgesia usage with airway pressure release and assist-control ventilation for acute lung injury. <i>Journal of Intensive Care Medicine</i> , 2008 , 23, 376-83	3.3	19
109	New modalities of mechanical ventilation: high-frequency oscillatory ventilation and airway pressure release ventilation. <i>Clinics in Chest Medicine</i> , 2006 , 27, 615-25; abstract viii-ix	5.3	19
108	The Randomized Educational Acute Respiratory Distress Syndrome Diagnosis Study: A Trial to Improve the Radiographic Diagnosis of Acute Respiratory Distress Syndrome. <i>Critical Care Medicine</i> , 2018 , 46, 743-748	1.4	18
107	Targeted temperature management following out-of-hospital cardiac arrest: a systematic review and network meta-analysis of temperature targets. <i>Intensive Care Medicine</i> , 2021 , 47, 1078-1088	14.5	18
106	West Nile virus infection in the intensive care unit: a case series and literature review. <i>Canadian Respiratory Journal</i> , 2004 , 11, 354-8	2.1	17
105	2016 Year in Review: Mechanical Ventilation. <i>Respiratory Care</i> , 2017 , 62, 629-635	2.1	16
104	Liberation from Mechanical Ventilation in Critically Ill Adults. An Official ATS/ACCP Clinical Practice Guideline. <i>Annals of the American Thoracic Society</i> , 2017 , 14, 441-443	4.7	16
103	Control of respiratory drive by extracorporeal CO removal in acute exacerbation of COPD breathing on non-invasive NAVA. <i>Critical Care</i> , 2019 , 23, 135	10.8	16
102	Critically Ill Patients with COVID-19: A Narrative Review on Prone Position. <i>Pulmonary Therapy</i> , 2020 , 6, 233-246	3	16
101	Extracorporeal life support for severe acute respiratory distress syndrome. <i>Current Opinion in Critical Care</i> , 2015 , 21, 13-9	3.5	15
100	Prediction and Outcome of Intensive Care Unit-Acquired Paresis. <i>Journal of Intensive Care Medicine</i> , 2018 , 33, 16-28	3.3	15
99	ECCOR in COPD exacerbation only for the right patients and with the right strategy. <i>Intensive Care Medicine</i> , 2016 , 42, 1830-1831	14.5	15
98	Barriers and facilitators to early rehabilitation in mechanically ventilated patients-a theory-driven interview study. <i>Journal of Intensive Care</i> , 2018 , 6, 4	7	15
97	Long-Term Quality of Life After Extracorporeal Membrane Oxygenation in ARDS Survivors: Systematic Review and Meta-Analysis. <i>Journal of Intensive Care Medicine</i> , 2020 , 35, 233-243	3.3	15

96	Physiological and Technical Considerations of Extracorporeal CO Removal. <i>Critical Care</i> , 2019 , 23, 75	10.8	14
95	Higher volumes, better outcomes: the end or just the beginning of the story for extracorporeal membrane oxygenation?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015 , 191, 864-6	10.2	14
94	Patterns of Use of Adjunctive Therapies in Patients With Early Moderate to Severe ARDS: Insights From the LUNG SAFE Study. <i>Chest</i> , 2020 , 157, 1497-1505	5.3	14
93	Transitions to Home Mechanical Ventilation: The Experiences of Canadian Ventilator-Assisted Adults and Their Family Caregivers. <i>Annals of the American Thoracic Society</i> , 2018 , 15, 357-364	4.7	14
92	Heterogeneity and phenotypic stratification in acute respiratory distress syndrome. <i>Lancet Respiratory Medicine</i> , 2018 , 6, 651-653	35.1	14
91	The future of driving pressure: a primary goal for mechanical ventilation?. <i>Journal of Intensive Care</i> , 2018 , 6, 64	7	14
90	Feasibility of melatonin for prevention of delirium in critically ill patients: a protocol for a multicentre, randomised, placebo-controlled study. <i>BMJ Open</i> , 2017 , 7, e015420	3	13
89	Current and Future Status of Extracorporeal Cardiopulmonary Resuscitation for In-Hospital Cardiac Arrest. <i>Canadian Journal of Cardiology</i> , 2017 , 33, 51-60	3.8	13
88	Adjuvants to Mechanical Ventilation for Acute Respiratory Failure. Adoption, De-adoption, and Factors Associated with Selection. <i>Annals of the American Thoracic Society</i> , 2017 , 14, 94-102	4.7	13
87	A simple nomogram for predicting failure of non-invasive respiratory strategies in adults with COVID-19: a retrospective multicentre study. <i>The Lancet Digital Health</i> , 2021 , 3, e166-e174	14.4	13
86	Update in Mechanical Ventilation, Sedation, and Outcomes 2014. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015 , 191, 1367-73	10.2	12
85	Effect of Driving Pressure Change During Extracorporeal Membrane Oxygenation in Adults With Acute Respiratory Distress Syndrome: A Randomized Crossover Physiologic Study. <i>Critical Care Medicine</i> , 2020 , 48, 1771-1778	1.4	12
84	Core Outcome Measures for Research in Critically Ill Patients Receiving Extracorporeal Membrane Oxygenation for Acute Respiratory or Cardiac Failure: An International, Multidisciplinary, Modified Delphi Consensus Study. <i>Critical Care Medicine</i> , 2019 , 47, 1557-1563	1.4	12
83	Economic Evaluation of Venovenous Extracorporeal Membrane Oxygenation for Severe Acute Respiratory Distress Syndrome. <i>Critical Care Medicine</i> , 2019 , 47, 186-193	1.4	12
82	Venoarterial extracorporeal membrane oxygenation: A systematic review of selection criteria, outcome measures and definitions of complications. <i>Journal of Critical Care</i> , 2019 , 53, 32-37	4	11
81	How I Select Which Patients With ARDS Should Be Treated With Venovenous Extracorporeal Membrane Oxygenation. <i>Chest</i> , 2020 , 158, 1036-1045	5.3	11
80	Summary for Clinicians: Mechanical Ventilation in Adult Patients with Acute Respiratory Distress Syndrome Clinical Practice Guideline. <i>Annals of the American Thoracic Society</i> , 2017 , 14, 1235-1238	4.7	11
79	Controversies in the Management of Severe ARDS: Optimal Ventilator Management and Use of Rescue Therapies. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2015 , 36, 823-34	3.9	11

78	Outcome of acute hypoxaemic respiratory failure: insights from the LUNG SAFE Study. <i>European Respiratory Journal</i> , 2021 , 57,	13.6	11
77	Prone Positioning of Nonintubated Patients With Coronavirus Disease 2019-A Systematic Review and Meta-Analysis. <i>Critical Care Medicine</i> , 2021 , 49, e1001-e1014	1.4	11
76	Safety and Efficacy of Dexmedetomidine in Acutely Ill Adults Requiring Noninvasive Ventilation: A Systematic Review and Meta-analysis of Randomized Trials. <i>Chest</i> , 2021 , 159, 2274-2288	5.3	11
75	Hyperoxemia and excess oxygen use in early acute respiratory distress syndrome: insights from the LUNG SAFE study. <i>Critical Care</i> , 2020 , 24, 125	10.8	10
74	Albumin in critical care: SAFE, but worth its salt?. <i>Critical Care</i> , 2004 , 8, 297-9	10.8	10
73	Effect of oral chlorhexidine de-adoption and implementation of an oral care bundle on mortality for mechanically ventilated patients in the intensive care unit (CHORAL): a multi-center stepped wedge cluster-randomized controlled trial. <i>Intensive Care Medicine</i> , 2021 , 47, 1295-1302	14.5	10
72	Joint Society of Critical Care Medicine-Extracorporeal Life Support Organization Task Force Position Paper on the Role of the Intensivist in the Initiation and Management of Extracorporeal Membrane Oxygenation. <i>Critical Care Medicine</i> , 2020 , 48, 838-846	1.4	10
71	Prone positioning in non-intubated patients with COVID-19: raising the bar. <i>Lancet Respiratory Medicine</i> , 2020 , 8, 744-745	35.1	10
70	Mortality in patients with cardiogenic shock supported with VA ECMO: A systematic review and meta-analysis evaluating the impact of etiology on 29,289 patients. <i>Journal of Heart and Lung Transplantation</i> , 2021 , 40, 260-268	5.8	10
69	An extracellular oxygen carrier during prolonged pulmonary preservation improves post-transplant lung function. <i>Journal of Heart and Lung Transplantation</i> , 2020 , 39, 595-603	5.8	9
68	Clinical trials in critical care: can a Bayesian approach enhance clinical and scientific decision making?. <i>Lancet Respiratory Medicine</i> , 2021 , 9, 207-216	35.1	9
67	Protocol for a multi-centered, stepped wedge, cluster randomized controlled trial of the de-adoption of oral chlorhexidine prophylaxis and implementation of an oral care bundle for mechanically ventilated critically ill patients: the CHORAL study. <i>Trials</i> , 2019 , 20, 603	2.8	8
66	Fluid strategies and outcomes in patients with acute respiratory distress syndrome, systemic inflammatory response syndrome and sepsis: a protocol for a systematic review and meta-analysis. <i>Systematic Reviews</i> , 2015 , 4, 162	3	8
65	Clinical problem-solving. A gut feeling. <i>New England Journal of Medicine</i> , 2008 , 359, 75-80	59.2	8
64	Extracorporeal carbon dioxide removal in acute exacerbations of chronic obstructive pulmonary disease. <i>Annals of Translational Medicine</i> , 2018 , 6, 31	3.2	8
63	Early Mobilization during ECMO for Cardiopulmonary Failure in Adults: Factors Associated with Intensity of Treatment. <i>Annals of the American Thoracic Society</i> , 2021 ,	4.7	8
62	Effect of Neurally Adjusted Ventilatory Assist on Patient-Ventilator Interaction in Mechanically Ventilated Adults: A Systematic Review and Meta-Analysis. <i>Critical Care Medicine</i> , 2019 , 47, e602-e609	1.4	8
61	Lung-Protective Ventilation and Associated Outcomes and Costs Among Patients Receiving Invasive Mechanical Ventilation in the ED. <i>Chest</i> , 2021 , 159, 606-618	5.3	8

60	Comparing the Effects of Tidal Volume, Driving Pressure, and Mechanical Power on Mortality in Trials of Lung-Protective Mechanical Ventilation. <i>Respiratory Care</i> , 2021 , 66, 221-227	2.1	8
59	Stress Index Can Be Accurately and Reliably Assessed by Visually Inspecting Ventilator Waveforms. <i>Respiratory Care</i> , 2018 , 63, 1094-1101	2.1	8
58	Fifty Years of Research in ARDS. Mechanical Ventilation during Extracorporeal Support for Acute Respiratory Distress Syndrome. For Now, a Necessary Evil. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 195, 1137-1139	10.2	7
57	Long-term survival and costs following extracorporeal membrane oxygenation in critically ill children-a population-based cohort study. <i>Critical Care</i> , 2020 , 24, 131	10.8	7
56	Transfusion Thresholds for Adult Respiratory Extracorporeal Life Support: An Expert Consensus Document. <i>Canadian Journal of Cardiology</i> , 2020 , 36, 1550-1553	3.8	6
55	Diagnosis and Treatment in Acute Respiratory Distress Syndrome-Reply. <i>JAMA - Journal of the American Medical Association</i> , 2018 , 320, 306	27.4	6
54	An appraisal of respiratory system compliance in mechanically ventilated covid-19 patients. <i>Critical Care</i> , 2021 , 25, 199	10.8	6
53	Venovenous extracorporeal membrane oxygenation in patients with acute covid-19 associated respiratory failure: comparative effectiveness study.. <i>BMJ, The</i> , 2022 , 377, e068723	5.9	6
52	Less is More: not (always) simple-the case of extracorporeal devices in critical care. <i>Intensive Care Medicine</i> , 2019 , 45, 1451-1453	14.5	5
51	Achieving Safe Liberation During Weaning From VV-ECMO in Patients With Severe ARDS: The Role of Tidal Volume and Inspiratory Effort. <i>Chest</i> , 2021 , 160, 1704-1713	5.3	5
50	"There Is Nothing New Except What Has Been Forgotten": The Story of Mechanical Ventilation during Extracorporeal Support. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 199, 550-553	10.2	5
49	Identifying Subjects at Risk for Diaphragm Atrophy During Mechanical Ventilation Using Routinely Available Clinical Data. <i>Respiratory Care</i> , 2021 , 66, 551-558	2.1	5
48	Predicting Survival After VA-ECMO for Refractory Cardiogenic Shock: Validating the SAVE Score. <i>CJC Open</i> , 2021 , 3, 71-81	2	5
47	Diagnosis and management of acute respiratory distress syndrome. <i>Cmaj</i> , 2021 , 193, E761-E768	3.5	4
46	Liberation From Venoarterial Extracorporeal Membrane Oxygenation: A Review. <i>Circulation: Heart Failure</i> , 2021 , 14, e007679	7.6	4
45	Extracorporeal Strategies in Acute Respiratory Distress Syndrome. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2019 , 40, 114-128	3.9	3
44	A Core Outcome Set for Research in Patients on Extracorporeal Membrane Oxygenation. <i>Critical Care Medicine</i> , 2021 , 49, e1252-e1254	1.4	3
43	Impact of therapeutic hypothermia on bleeding events in adult patients treated with extracorporeal life support peri-cardiac arrest. <i>Journal of Critical Care</i> , 2021 , 62, 12-18	4	3

42	Static lung storage at 10°C maintains mitochondrial health and preserves donor organ function. <i>Science Translational Medicine</i> , 2021 , 13, eabf7601	17.5	3
41	Association of PEEP and Lung Recruitment Selection Strategies with Mortality in Acute Respiratory Distress Syndrome: A Systematic Review and Network Meta-Analysis.. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022 ,	10.2	3
40	Contemporary Management of Cardiogenic Shock: A RAND Appropriateness Panel Approach. <i>Circulation: Heart Failure</i> , 2021 ,	7.6	2
39	Barriers and Facilitators to Early Rehabilitation in the ICU: A Theory Driven Delphi Study. <i>Critical Care Medicine</i> , 2020 , 48, e1171-e1178	1.4	2
38	Prone positioning of non-intubated patients with COVID-19 - A Systematic Review and Meta-analysis		2
37	Long-term mortality and costs following use of Impella® for mechanical circulatory support: a population-based cohort study. <i>Canadian Journal of Anaesthesia</i> , 2020 , 67, 1728-1737	3	2
36	Long-Term Cognitive Outcomes and Sleep in Adults After Extracorporeal Life Support 2021 , 3, e0390		2
35	Predictors of Mortality in Patients Treated with Veno-Arterial ECMO for Cardiogenic Shock Complicating Acute Myocardial Infarction: a Systematic Review and Meta-Analysis. <i>Journal of Cardiovascular Translational Research</i> , 2021 , 1	3.3	2
34	Should Patients With Acute Respiratory Distress Syndrome on Venovenous Extracorporeal Membrane Oxygenation Have Ventilatory Support Reduced to the Lowest Tolerable Settings? Yes. <i>Critical Care Medicine</i> , 2019 , 47, 1143-1146	1.4	2
33	Cardiovascular signatures of COVID-19 predict mortality and identify barrier stabilizing therapies.. <i>EBioMedicine</i> , 2022 , 78, 103982	8.8	2
32	Veno-venous extracorporeal life support for blastomycosis-associated acute respiratory distress syndrome. <i>Perfusion (United Kingdom)</i> , 2019 , 34, 660-670	1.9	1
31	Extracorporeal Life Support. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015 , 192, 515-7	10.2	1
30	Severe hypercoagulable state on veno-arterial extracorporeal membrane oxygenation. <i>Intensive Care Medicine</i> , 2016 , 42, 443	14.5	1
29	In critically ill children, fluid overload is consistently associated with worse outcomes. <i>BMJ Evidence-Based Medicine</i> , 2019 , 24, 41-42	2.7	1
28	Beyond low tidal volumes: ventilating the patient with acute respiratory distress syndrome. <i>Clinics in Chest Medicine</i> , 2014 , 35, 729-41	5.3	1
27	Lung injury after abdominal and thoracic surgery. <i>Lancet Respiratory Medicine</i> , 2014 , 2, 949-50	35.1	1
26	Assessment of 28-Day In-Hospital Mortality in Mechanically Ventilated Patients With Coronavirus Disease 2019: An International Cohort Study 2021 , 3, e0567		1
25	Noninvasive respiratory support following extubation in critically ill adults: a systematic review and network meta-analysis. <i>Intensive Care Medicine</i> , 2021 , 1	14.5	1

24	Percutaneous versus surgical cannulation for femoro-femoral VA-ECMO in patients with cardiogenic shock: Results from the Extracorporeal Life Support Organization Registry.. <i>Journal of Heart and Lung Transplantation</i> , 2022 ,	5.8	1
23	Organ donation in patients on extracorporeal membrane oxygenation: considerations for determination of death and withdrawal of life support. <i>Canadian Journal of Anaesthesia</i> , 2020 , 67, 1035-1043	3.1	1
22	Intracranial hemorrhage on extracorporeal membrane oxygenation: an international survey. <i>Perfusion (United Kingdom)</i> , 2021 , 36, 161-170	1.9	1
21	Effect of Ultraprotective Mechanical Ventilation on Right Ventricular Function During Extracorporeal Membrane Oxygenation in Adults With Acute Respiratory Distress Syndrome. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021 , 35, 1906-1908	2.1	1
20	Precision Medicine and Heterogeneity of Treatment Effect in Therapies for ARDS. <i>Chest</i> , 2021 , 160, 1729-1738	5.3	1
19	Letter to the editor regarding Extracorporeal membrane oxygenation for COVID-19: a systematic review and meta-analysis. <i>Critical Care</i> , 2021 , 25, 285	10.8	1
18	Association of different positive end-expiratory pressure selection strategies with all-cause mortality in adult patients with acute respiratory distress syndrome. <i>Systematic Reviews</i> , 2021 , 10, 225	3	1
17	Standardized liberation trials in patients with COVID-19 ARDS treated with venovenous extracorporeal membrane oxygenation: when ready, let them breathe!. <i>Intensive Care Medicine</i> , 2021 , 47, 1494-1496	14.5	1
16	Surfactant therapy in lung transplantation: A systematic review and meta-analysis. <i>Transplantation Reviews</i> , 2021 , 35, 100637	3.3	1
15	A survey of extracorporeal membrane oxygenation practice in 23 Australian adult intensive care units. <i>Critical Care and Resuscitation: Journal of the Australasian Academy of Critical Care Medicine</i> , 2020 , 22, 166-170	2.8	1
14	Identifying barriers and facilitators to palliative care integration in the management of hospitalized patients with COVID-19: A qualitative study.. <i>Palliative Medicine</i> , 2022 , 2692163221087162	5.5	1
13	Early short course of neuromuscular blocking agents in patients with COVID-19 ARDS: a propensity score analysis.. <i>Critical Care</i> , 2022 , 26, 141	10.8	1
12	Right Ventricular Hypertrophy in Patients Undergoing Venovenous Extracorporeal Membrane Oxygenation for Severe Acute Respiratory Distress Syndrome. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2020 , 34, 1710-1712	2.1	0
11	Response by Brahmabhatt et al to Letter Regarding Article, "Liberation From Venoarterial Extracorporeal Membrane Oxygenation: A Review".. <i>Circulation: Heart Failure</i> , 2022 , CIRCULATIONFAILURE121009260	7.6	0
10	Things We Do For No Reason: HIT Testing in Low Probability Patients. <i>Journal of Hospital Medicine</i> , 2019 , 14, 374-381	2.7	0
9	Media Portrayals of the ARDS. <i>Chest</i> , 2021 , 160, 965-968	5.3	0
8	Acute life-threatening hypoxemia during mechanical ventilation. <i>Current Opinion in Critical Care</i> , 2017 , 23, 541-548	3.5	
7	To Enjoy the FRUIT of Your Labors, Don@ Forget to Look before You Leap!. <i>Annals of the American Thoracic Society</i> , 2019 , 16, 309-310	4.7	

6	How Should We Apply the Wisdom of the Crowd to Clinical Trials With Exception From Informed Consent?. <i>JAMA Network Open</i> , 2019 , 2, e197569	10.4
5	HOSPITAL DISCHARGE PLACEMENT AND 3-MONTH FOLLOW-UP OF MUSCLE STRENGTH AND QUALITY OF LIFE OF 100 SURVIVORS OF ACUTE RESPIRATORY DISTRESS SYNDROME/ACUTE LUNG INJURY.. <i>Cardiopulmonary Physical Therapy Journal</i> , 2007 , 18, 23	1
4	Cross-sectional survey of levels of care and response mechanisms for evolving critical illness in north american pediatric hospitals. <i>Canadian Journal of Anaesthesia</i> , 2006 , 53, A416-7	3
3	Association between ROTEM Hypercoagulable Profile and Outcome in a Cohort of Severely Ill COVID-19 Patients Under Mechanical Ventilation. <i>Blood</i> , 2020 , 136, 12-13	2.2
2	Response. <i>Chest</i> , 2021 , 159, 1301-1302	5.3
1	Response. <i>Chest</i> , 2021 , 159, 1684	5.3