Eddy Fan

List of Publications by Year in Descending Order

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	Response by Brahmbhatt et al to Letter Regarding Article, "Liberation From Venoarterial Extracorporeal Membrane Oxygenation: A Review".. *Circulation: Heart Failure*, **2022**, CIRCHEARTFAILURE121009260	7.6	0
202	Percutaneous versus surgical cannulation for femoro-femoral VA-ECMO in patients with cardiogenic shock: Results from the Extracorporeal Life Support Organization Registry.. *Journal of Heart and Lung Transplantation*, **2022**,	5.8	1
201	Association of PEEP and Lung Recruitment Selection Strategies with Mortality in Acute Respiratory Distress Syndrome: A Systematic Review and Network Meta-Analysis.. *American Journal of Respiratory and Critical Care Medicine*, **2022**,	10.2	3
200	Cardiovascular signatures of COVID-19 predict mortality and identify barrier stabilizing therapies.. *EBioMedicine*, **2022**, 78, 103982	8.8	2
199	Identifying barriers and facilitators to palliative care integration in the management of hospitalized patients with COVID-19: A qualitative study.. *Palliative Medicine*, **2022**, 2692163221087162	5.5	1
198	Venovenous extracorporeal membrane oxygenation in patients with acute covid-19 associated respiratory failure: comparative effectiveness study.. *BMJ, The*, **2022**, 377, e068723	5.9	6
197	Early short course of neuromuscular blocking agents in patients with COVID-19 ARDS: a propensity score analysis.. *Critical Care*, **2022**, 26, 141	10.8	1
196	Outcome of acute hypoxaemic respiratory failure: insights from the LUNG SAFE Study. *European Respiratory Journal*, **2021**, 57,	13.6	11
195	Assessment of 28-Day In-Hospital Mortality in Mechanically Ventilated Patients With Coronavirus Disease 2019: An International Cohort Study **2021**, 3, e0567		1
194	Contemporary Management of Cardiogenic Shock: A RAND Appropriateness Panel Approach. *Circulation: Heart Failure*, **2021**,	7.6	2
193	Noninvasive respiratory support following extubation in critically ill adults: a systematic review and network meta-analysis. *Intensive Care Medicine*, **2021**, 1	14.5	1
192	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. *Intensive Care Medicine*, **2021**, 47, 1295-1302	14.5	10
191	Response. *Chest*, **2021**, 159, 1301-1302	5.3	
190	A simple nomogram for predicting failure of non-invasive respiratory strategies in adults with COVID-19: a retrospective multicentre study. *The Lancet Digital Health*, **2021**, 3, e166-e174	14.4	13
189	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. *Journal of Heart and Lung Transplantation*, **2021**, 40, 260-268	5.8	10
188	Prone Positioning of Nonintubated Patients With Coronavirus Disease 2019-A Systematic Review and Meta-Analysis. *Critical Care Medicine*, **2021**, 49, e1001-e1014	1.4	11
187	Response. *Chest*, **2021**, 159, 1684	5.3	

186	Long-Term Cognitive Outcomes and Sleep in Adults After Extracorporeal Life Support **2021**, 3, e0390		2
185	Diagnosis and management of acute respiratory distress syndrome. *Cmaj*, **2021**, 193, E761-E768	3.5	4
184	Management of Adult Patients Supported with Venovenous Extracorporeal Membrane Oxygenation (VV ECMO): Guideline from the Extracorporeal Life Support Organization (ELSO). *ASAIO Journal*, **2021**, 67, 601-610	3.6	50
183	An appraisal of respiratory system compliance in mechanically ventilated covid-19 patients. *Critical Care*, **2021**, 25, 199	10.8	6
182	Extracorporeal membrane oxygenation for COVID-19: a systematic review and meta-analysis. *Critical Care*, **2021**, 25, 211	10.8	42
181	Achieving Safe Liberation During Weaning From VV-ECMO in Patients With Severe ARDS: The Role of Tidal Volume and Inspiratory Effort. *Chest*, **2021**, 160, 1704-1713	5.3	5
180	A Core Outcome Set for Research in Patients on Extracorporeal Membrane Oxygenation. *Critical Care Medicine*, **2021**, 49, e1252-e1254	1.4	3
179	Early Mobilization during ECMO for Cardiopulmonary Failure in Adults: Factors Associated with Intensity of Treatment. *Annals of the American Thoracic Society*, **2021**,	4.7	8
178	Interleukin-6 receptor blockade in patients with COVID-19: placing clinical trials into context. *Lancet Respiratory Medicine,the*, **2021**, 9, 655-664	35.1	32
177	Predictors of Mortality in Patients Treated with Veno-Arterial ECMO for Cardiogenic Shock Complicating Acute Myocardial Infarction: a Systematic Review and Meta-Analysis. *Journal of Cardiovascular Translational Research*, **2021**, 1	3.3	2
176	Safety and Efficacy of Dexmedetomidine in Acutely Ill Adults Requiring Noninvasive Ventilation: A Systematic Review and Meta-analysis of Randomized Trials. *Chest*, **2021**, 159, 2274-2288	5.3	11
175	Liberation From Venoarterial Extracorporeal Membrane Oxygenation: A Review. *Circulation: Heart Failure*, **2021**, 14, e007679	7.6	4
174	Intracranial hemorrhage on extracorporeal membrane oxygenation: an international survey. *Perfusion (United Kingdom)*, **2021**, 36, 161-170	1.9	1
173	Lung-Protective Ventilation and Associated Outcomes and Costs Among Patients Receiving Invasive Mechanical Ventilation in the ED. *Chest*, **2021**, 159, 606-618	5.3	8
172	Effect of Ultraprotective Mechanical Ventilation on Right Ventricular Function During Extracorporeal Membrane Oxygenation in Adults With Acute Respiratory Distress Syndrome. *Journal of Cardiothoracic and Vascular Anesthesia*, **2021**, 35, 1906-1908	2.1	1
171	Clinical trials in critical care: can a Bayesian approach enhance clinical and scientific decision making?. *Lancet Respiratory Medicine,the*, **2021**, 9, 207-216	35.1	9
170	Identifying Subjects at Risk for Diaphragm Atrophy During Mechanical Ventilation Using Routinely Available Clinical Data. *Respiratory Care*, **2021**, 66, 551-558	2.1	5
169	Predicting Survival After VA-ECMO for Refractory Cardiogenic Shock: Validating the SAVE Score. *CJC Open*, **2021**, 3, 71-81	2	5

168	Impact of therapeutic hypothermia on bleeding events in adult patients treated with extracorporeal life support peri-cardiac arrest. *Journal of Critical Care*, **2021**, 62, 12-18	4	3
167	Comparing the Effects of Tidal Volume, Driving Pressure, and Mechanical Power on Mortality in Trials of Lung-Protective Mechanical Ventilation. *Respiratory Care*, **2021**, 66, 221-227	2.1	8
166	Surviving Sepsis Campaign Guidelines on the Management of Adults With Coronavirus Disease 2019 (COVID-19) in the ICU: First Update. *Critical Care Medicine*, **2021**, 49, e219-e234	1.4	119
165	Precision Medicine and Heterogeneity of Treatment Effect in Therapies for ARDS. *Chest*, **2021**, 160, 1729-1738	5.3	1
164	Letter to the editor regarding Extracorporeal membrane oxygenation for COVID-19: a systematic review and meta-analysis. *Critical Care*, **2021**, 25, 285	10.8	1
163	Targeted temperature management following out-of-hospital cardiac arrest: a systematic review and network meta-analysis of temperature targets. *Intensive Care Medicine*, **2021**, 47, 1078-1088	14.5	18
162	Association of different positive end-expiratory pressure selection strategies with all-cause mortality in adult patients with acute respiratory distress syndrome. *Systematic Reviews*, **2021**, 10, 225	3	1
161	Static lung storage at 10°C maintains mitochondrial health and preserves donor organ function. *Science Translational Medicine*, **2021**, 13, eabf7601	17.5	3
160	Media Portrayals of the ARDS. *Chest*, **2021**, 160, 965-968	5.3	0
159	Standardized liberation trials in patients with COVID-19 ARDS treated with venovenous extracorporeal membrane oxygenation: when ready, let them breathe!. *Intensive Care Medicine*, **2021**, 47, 1494-1496	14.5	1
158	Surfactant therapy in lung transplantation: A systematic review and meta-analysis. *Transplantation Reviews*, **2021**, 35, 100637	3.3	1
157	Effect of Driving Pressure Change During Extracorporeal Membrane Oxygenation in Adults With Acute Respiratory Distress Syndrome: A Randomized Crossover Physiologic Study. *Critical Care Medicine*, **2020**, 48, 1771-1778	1.4	12
156	Surviving Sepsis Campaign: guidelines on the management of critically ill adults with Coronavirus Disease 2019 (COVID-19). *Intensive Care Medicine*, **2020**, 46, 854-887	14.5	1011
155	Transfusion Thresholds for Adult Respiratory Extracorporeal Life Support: An Expert Consensus Document. *Canadian Journal of Cardiology*, **2020**, 36, 1550-1553	3.8	6
154	COVID-19-associated acute respiratory distress syndrome: is a different approach to management warranted?. *Lancet Respiratory Medicine,the*, **2020**, 8, 816-821	35.1	219
153	Association of Low Baseline Diaphragm Muscle Mass With Prolonged Mechanical Ventilation and Mortality Among Critically Ill Adults. *JAMA Network Open*, **2020**, 3, e1921520	10.4	21
152	Patterns of Use of Adjunctive Therapies in Patients With Early Moderate to Severe ARDS: Insights From the LUNG SAFE Study. *Chest*, **2020**, 157, 1497-1505	5.3	14
151	Right Ventricular Hypertrophy in Patients Undergoing Venovenous Extracorporeal Membrane Oxygenation for Severe Acute Respiratory Distress Syndrome. *Journal of Cardiothoracic and Vascular Anesthesia*, **2020**, 34, 1710-1712	2.1	0

150	Long-term survival and costs following extracorporeal membrane oxygenation in critically ill children-a population-based cohort study. *Critical Care*, **2020**, 24, 131	10.8	7
149	Hyperoxemia and excess oxygen use in early acute respiratory distress syndrome: insights from the LUNG SAFE study. *Critical Care*, **2020**, 24, 125	10.8	10
148	How I Select Which Patients With ARDS Should Be Treated With Venovenous Extracorporeal Membrane Oxygenation. *Chest*, **2020**, 158, 1036-1045	5.3	11
147	An extracellular oxygen carrier during prolonged pulmonary preservation improves post-transplant lung function. *Journal of Heart and Lung Transplantation*, **2020**, 39, 595-603	5.8	9
146	Association between ROTEM Hypercoagulable Profile and Outcome in a Cohort of Severely Ill COVID-19 Patients Under Mechanical Ventilation. *Blood*, **2020**, 136, 12-13	2.2	
145	Organ donation in patients on extracorporeal membrane oxygenation: considerations for determination of death and withdrawal of life support. *Canadian Journal of Anaesthesia*, **2020**, 67, 1035-1043	3	1
144	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. *Critical Care Medicine*, **2020**, 48, 838-846	1.4	10
143	Surviving Sepsis Campaign: Guidelines on the Management of Critically Ill Adults with Coronavirus Disease 2019 (COVID-19). *Critical Care Medicine*, **2020**, 48, e440-e469	1.4	566
142	Barriers and Facilitators to Early Rehabilitation in the ICU: A Theory Driven Delphi Study. *Critical Care Medicine*, **2020**, 48, e1171-e1178	1.4	2
141	Mechanical Ventilation for Acute Respiratory Distress Syndrome during Extracorporeal Life Support. Research and Practice. *American Journal of Respiratory and Critical Care Medicine*, **2020**, 201, 514-525	10.2	50
140	Extracorporeal membrane oxygenation support in COVID-19: an international cohort study of the Extracorporeal Life Support Organization registry. *Lancet, The*, **2020**, 396, 1071-1078	40	333
139	Critically Ill Patients with COVID-19: A Narrative Review on Prone Position. *Pulmonary Therapy*, **2020**, 6, 233-246	3	16
138	Long-term mortality and costs following use of Impella for mechanical circulatory support: a population-based cohort study. *Canadian Journal of Anaesthesia*, **2020**, 67, 1728-1737	3	2
137	Ventilation Techniques and Risk for Transmission of Coronavirus Disease, Including COVID-19: A Living Systematic Review of Multiple Streams of Evidence. *Annals of Internal Medicine*, **2020**, 173, 204-216	8	77
136	Prone positioning in non-intubated patients with COVID-19: raising the bar. *Lancet Respiratory Medicine,the*, **2020**, 8, 744-745	35.1	10
135	Time-varying intensity of mechanical ventilation and mortality in patients with acute respiratory failure: a registry-based, prospective cohort study. *Lancet Respiratory Medicine,the*, **2020**, 8, 905-913	35.1	33
134	Extracorporeal life support for adults with acute respiratory distress syndrome. *Intensive Care Medicine*, **2020**, 46, 2464-2476	14.5	40
133	Long-Term Quality of Life After Extracorporeal Membrane Oxygenation in ARDS Survivors: Systematic Review and Meta-Analysis. *Journal of Intensive Care Medicine*, **2020**, 35, 233-243	3.3	15

132	Potential for Lung Recruitment Estimated by the Recruitment-to-Inflation Ratio in Acute Respiratory Distress Syndrome. A Clinical Trial. *American Journal of Respiratory and Critical Care Medicine*, **2020**, 201, 178-187	10.2	87
131	The Early Change in Pa after Extracorporeal Membrane Oxygenation Initiation Is Associated with Neurological Complications. *American Journal of Respiratory and Critical Care Medicine*, **2020**, 201, 1525-1535	10.2	40
130	Comparison of 2 Triage Scoring Guidelines for Allocation of Mechanical Ventilators. *JAMA Network Open*, **2020**, 3, e2029250	10.4	24
129	A survey of extracorporeal membrane oxygenation practice in 23 Australian adult intensive care units. *Critical Care and Resuscitation: Journal of the Australasian Academy of Critical Care Medicine*, **2020**, 22, 166-170	2.8	1
128	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. *Trials*, **2019**, 20, 603	2.8	8
127	Less is More: not (always) simple-the case of extracorporeal devices in critical care. *Intensive Care Medicine*, **2019**, 45, 1451-1453	14.5	5
126	To Enjoy the FRUIT of Your Labors, Don't Forget to Look before You Leap!. *Annals of the American Thoracic Society*, **2019**, 16, 309-310	4.7	
125	Venoarterial extracorporeal membrane oxygenation: A systematic review of selection criteria, outcome measures and definitions of complications. *Journal of Critical Care*, **2019**, 53, 32-37	4	11
124	Control of respiratory drive by extracorporeal CO removal in acute exacerbation of COPD breathing on non-invasive NAVA. *Critical Care*, **2019**, 23, 135	10.8	16
123	Extracorporeal Strategies in Acute Respiratory Distress Syndrome. *Seminars in Respiratory and Critical Care Medicine*, **2019**, 40, 114-128	3.9	3
122	Veno-venous extracorporeal life support for blastomycosis-associated acute respiratory distress syndrome. *Perfusion (United Kingdom)*, **2019**, 34, 660-670	1.9	1
121	Physiological and Technical Considerations of Extracorporeal CO Removal. *Critical Care*, **2019**, 23, 75	10.8	14
120	The ELSO Maastricht Treaty for ECLS Nomenclature: abbreviations for cannulation configuration in extracorporeal life support - a position paper of the Extracorporeal Life Support Organization. *Critical Care*, **2019**, 23, 36	10.8	34
119	In critically ill children, fluid overload is consistently associated with worse outcomes. *BMJ Evidence-Based Medicine*, **2019**, 24, 41-42	2.7	1
118	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. *Critical Care Medicine*, **2019**, 47, 229-238	1.4	38
117	How Should We Apply the Wisdom of the Crowd to Clinical Trials With Exception From Informed Consent?. *JAMA Network Open*, **2019**, 2, e197569	10.4	
116	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. *JAMA Network Open*, **2019**, 2, e198116	10.4	35
115	A novel non-invasive method to detect excessively high respiratory effort and dynamic transpulmonary driving pressure during mechanical ventilation. *Critical Care*, **2019**, 23, 346	10.8	48

114	Things We Do For No Reason: HIT Testing in Low Probability Patients. *Journal of Hospital Medicine*, **2019**, 14, 374-381	2.7	0
113	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. *Circulation: Heart Failure*, **2019**, 12, e006486	7.6	36
112	Should Patients With Acute Respiratory Distress Syndrome on Venovenous Extracorporeal Membrane Oxygenation Have Ventilatory Support Reduced to the Lowest Tolerable Settings? Yes. *Critical Care Medicine*, **2019**, 47, 1143-1146	1.4	2
111	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. *Critical Care Medicine*, **2019**, 47, 1557-1563	1.4	12
110	Effect of Neurally Adjusted Ventilatory Assist on Patient-Ventilator Interaction in Mechanically Ventilated Adults: A Systematic Review and Meta-Analysis. *Critical Care Medicine*, **2019**, 47, e602-e609	1.4	8
109	Diaphragmatic myotrauma: a mediator of prolonged ventilation and poor patient outcomes in acute respiratory failure. *Lancet Respiratory Medicine,the*, **2019**, 7, 90-98	35.1	74
108	Venovenous extracorporeal membrane oxygenation for acute respiratory distress syndrome: a systematic review and meta-analysis. *Lancet Respiratory Medicine,the*, **2019**, 7, 163-172	35.1	163
107	ECMO for ARDS: from salvage to standard of care?. *Lancet Respiratory Medicine,the*, **2019**, 7, 108-110	35.1	54
106	Predicting mortality in patients undergoing VA-ECMO after coronary artery bypass grafting: the REMEMBER score. *Critical Care*, **2019**, 23, 11	10.8	52
105	Economic Evaluation of Venovenous Extracorporeal Membrane Oxygenation for Severe Acute Respiratory Distress Syndrome. *Critical Care Medicine*, **2019**, 47, 186-193	1.4	12
104	"There Is Nothing New Except What Has Been Forgotten": The Story of Mechanical Ventilation during Extracorporeal Support. *American Journal of Respiratory and Critical Care Medicine*, **2019**, 199, 550-553	10.2	5
103	Acute Respiratory Distress Syndrome: Advances in Diagnosis and Treatment. *JAMA - Journal of the American Medical Association*, **2018**, 319, 698-710	27.4	549
102	The Extracorporeal Life Support Organization Maastricht Treaty for Nomenclature in Extracorporeal Life Support. A Position Paper of the Extracorporeal Life Support Organization. *American Journal of Respiratory and Critical Care Medicine*, **2018**, 198, 447-451	10.2	90
101	Resolved versus confirmed ARDS after 24□h: insights from the LUNG SAFE study. *Intensive Care Medicine*, **2018**, 44, 564-577	14.5	36
100	Position paper for the organization of ECMO programs for cardiac failure in adults. *Intensive Care Medicine*, **2018**, 44, 717-729	14.5	162
99	The Randomized Educational Acute Respiratory Distress Syndrome Diagnosis Study: A Trial to Improve the Radiographic Diagnosis of Acute Respiratory Distress Syndrome. *Critical Care Medicine*, **2018**, 46, 743-748	1.4	18
98	Extracorporeal life support as a bridge to lung transplantation-experience of a high-volume transplant center. *Journal of Thoracic and Cardiovascular Surgery*, **2018**, 155, 1316-1328.e1	1.5	66
97	Transitions to Home Mechanical Ventilation: The Experiences of Canadian Ventilator-Assisted Adults and Their Family Caregivers. *Annals of the American Thoracic Society*, **2018**, 15, 357-364	4.7	14

96	Extracorporeal membrane oxygenation for severe Middle East respiratory syndrome coronavirus. *Annals of Intensive Care*, **2018**, 8, 3	8.9	113
95	Prediction and Outcome of Intensive Care Unit-Acquired Paresis. *Journal of Intensive Care Medicine*, **2018**, 33, 16-28	3.3	15
94	Driving Pressure and Hospital Mortality in Patients Without ARDS: A Cohort Study. *Chest*, **2018**, 153, 46-54	5.3	38
93	Heterogeneity and phenotypic stratification in acute respiratory distress syndrome. *Lancet Respiratory Medicine,the*, **2018**, 6, 651-653	35.1	14
92	Diagnosis and Treatment in Acute Respiratory Distress Syndrome-Reply. *JAMA - Journal of the American Medical Association*, **2018**, 320, 306	27.4	6
91	Barriers and facilitators to early rehabilitation in mechanically ventilated patients-a theory-driven interview study. *Journal of Intensive Care*, **2018**, 6, 4	7	15
90	Extracorporeal carbon dioxide removal in acute exacerbations of chronic obstructive pulmonary disease. *Annals of Translational Medicine*, **2018**, 6, 31	3.2	8
89	Association of Driving Pressure With Mortality Among Ventilated Patients With Acute Respiratory Distress Syndrome: A Systematic Review and Meta-Analysis. *Critical Care Medicine*, **2018**, 46, 300-306	1.4	45
88	The future of driving pressure: a primary goal for mechanical ventilation?. *Journal of Intensive Care*, **2018**, 6, 64	7	14
87	Establishing the Effectiveness of Procedural Interventions: The Limited Role of Randomized Trials. *JAMA - Journal of the American Medical Association*, **2018**, 320, 2421-2422	27.4	24
86	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. *JAMA - Journal of the American Medical Association*, **2018**, 320, 2251-2259	27.4	208
85	Extracorporeal Membrane Oxygenation for Severe Acute Respiratory Distress Syndrome. *New England Journal of Medicine*, **2018**, 378, 1965-1975	59.2	940
84	Intracranial hemorrhage in adults on ECMO. *Perfusion (United Kingdom)*, **2018**, 33, 42-50	1.9	32
83	Stress Index Can Be Accurately and Reliably Assessed by Visually Inspecting Ventilator Waveforms. *Respiratory Care*, **2018**, 63, 1094-1101	2.1	8
82	Bilateral pneumonectomy to treat uncontrolled sepsis in a patient awaiting lung transplantation. *Journal of Thoracic and Cardiovascular Surgery*, **2017**, 153, e67-e69	1.5	24
81	Extracorporeal carbon dioxide removal (ECCOR) in patients with acute respiratory failure. *Intensive Care Medicine*, **2017**, 43, 519-530	14.5	58
80	Anticoagulation practices and the prevalence of major bleeding, thromboembolic events, and mortality in venoarterial extracorporeal membrane oxygenation: A systematic review and meta-analysis. *Journal of Critical Care*, **2017**, 39, 87-96	4	100
79	2016 Year in Review: Mechanical Ventilation. *Respiratory Care*, **2017**, 62, 629-635	2.1	16

78	Fifty Years of Research in ARDS. Mechanical Ventilation during Extracorporeal Support for Acute Respiratory Distress Syndrome. For Now, a Necessary Evil. *American Journal of Respiratory and Critical Care Medicine*, **2017**, 195, 1137-1139	10.2	7
77	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. *American Journal of Respiratory and Critical Care Medicine*, **2017**, 195, 1253-1263	10.2	674
76	The ICM research agenda on extracorporeal life support. *Intensive Care Medicine*, **2017**, 43, 1306-1318	14.5	61
75	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. *Lancet Respiratory Medicine,the*, **2017**, 5, 627-638	35.1	63
74	Feasibility of melatonin for prevention of delirium in critically ill patients: a protocol for a multicentre, randomised, placebo-controlled study. *BMJ Open*, **2017**, 7, e015420	3	13
73	Liberation from Mechanical Ventilation in Critically Ill Adults. An Official ATS/ACCP Clinical Practice Guideline. *Annals of the American Thoracic Society*, **2017**, 14, 441-443	4.7	16
72	Prone Position for Acute Respiratory Distress Syndrome. A Systematic Review and Meta-Analysis. *Annals of the American Thoracic Society*, **2017**, 14, S280-S288	4.7	247
71	Mechanical Ventilation in Adults with Acute Respiratory Distress Syndrome. Summary of the Experimental Evidence for the Clinical Practice Guideline. *Annals of the American Thoracic Society*, **2017**, 14, S261-S270	4.7	27
70	Acute life-threatening hypoxemia during mechanical ventilation. *Current Opinion in Critical Care*, **2017**, 23, 541-548	3.5	
69	Sedation and Mobilization During Venovenous Extracorporeal Membrane Oxygenation for Acute Respiratory Failure: An International Survey. *Critical Care Medicine*, **2017**, 45, 1893-1899	1.4	32
68	Summary for Clinicians: Mechanical Ventilation in Adult Patients with Acute Respiratory Distress Syndrome Clinical Practice Guideline. *Annals of the American Thoracic Society*, **2017**, 14, 1235-1238	4.7	11
67	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. *Critical Care Medicine*, **2017**, 45, e1111-e1122	1.4	106
66	Oxygen Thresholds and Mortality During Extracorporeal Life Support in Adult Patients. *Critical Care Medicine*, **2017**, 45, 1997-2005	1.4	36
65	Delirium and exposure to psychoactive medications in critically ill adults: A multi-centre observational study. *Journal of Critical Care*, **2017**, 42, 268-274	4	28
64	High-Frequency Oscillatory Ventilation in Adults With ARDS: Past, Present, and Future. *Chest*, **2017**, 152, 1306-1317	5.3	34
63	Etiologies, diagnostic work-up and outcomes of acute respiratory distress syndrome with no common risk factor: a prospective multicenter study. *Annals of Intensive Care*, **2017**, 7, 69	8.9	31
62	Current and Future Status of Extracorporeal Cardiopulmonary Resuscitation for In-Hospital Cardiac Arrest. *Canadian Journal of Cardiology*, **2017**, 33, 51-60	3.8	13
61	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. *Intensive Care Medicine*, **2017**, 43, 155-170	14.5	171

60	Adjuvants to Mechanical Ventilation for Acute Respiratory Failure. Adoption, De-adoption, and Factors Associated with Selection. *Annals of the American Thoracic Society*, **2017**, 14, 94-102	4.7	13
59	Noninvasive Ventilation of Patients with Acute Respiratory Distress Syndrome. Insights from the LUNG SAFE Study. *American Journal of Respiratory and Critical Care Medicine*, **2017**, 195, 67-77	10.2	269
58	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. *American Journal of Respiratory and Critical Care Medicine*, **2017**, 195, 120-133	10.2	136
57	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 Immediately After Extubation. *Chest*, **2017**, 151, 166-180	5.3	161
56	Liberation From Mechanical Ventilation in Critically Ill Adults: Executive Summary of an Official American College of Chest Physicians/American Thoracic Society Clinical Practice Guideline. *Chest*, **2017**, 151, 160-165	5.3	40
55	Neuromuscular Blockade in the 21st Century Management of the Critically Ill Patient. *Chest*, **2017**, 151, 697-706	5.3	36
54	Intensive Care Physiotherapy during Extracorporeal Membrane Oxygenation for Acute Respiratory Distress Syndrome. *Annals of the American Thoracic Society*, **2017**, 14, 246-253	4.7	26
53	ECCOR in COPD exacerbation only for the right patients and with the right strategy. *Intensive Care Medicine*, **2016**, 42, 1830-1831	14.5	15
52	Potentially modifiable factors contributing to outcome from acute respiratory distress syndrome: the LUNG SAFE study. *Intensive Care Medicine*, **2016**, 42, 1865-1876	14.5	149
51	Venovenous extracorporeal membrane oxygenation for acute respiratory failure : A clinical review from an international group of experts. *Intensive Care Medicine*, **2016**, 42, 712-724	14.5	91
50	Severe hypercoagulable state on veno-arterial extracorporeal membrane oxygenation. *Intensive Care Medicine*, **2016**, 42, 443	14.5	1
49	Epidemiology, Patterns of Care, and Mortality for Patients With Acute Respiratory Distress Syndrome in Intensive Care Units in 50 Countries. *JAMA - Journal of the American Medical Association*, **2016**, 315, 788-800	27.4	2131
48	Electrical impedance tomography in adult patients undergoing mechanical ventilation: A systematic review. *Journal of Critical Care*, **2016**, 35, 33-50	4	38
47	One-Year Outcomes in Caregivers of Critically Ill Patients. *New England Journal of Medicine*, **2016**, 374, 1831-41	59.2	214
46	The LUNG SAFE study: a presentation of the prevalence of ARDS according to the Berlin Definition!. *Critical Care*, **2016**, 20, 268	10.8	34
45	Anticoagulation Practices during Venovenous Extracorporeal Membrane Oxygenation for Respiratory Failure. A Systematic Review. *Annals of the American Thoracic Society*, **2016**, 13, 2242-2250	4.7	88
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