Niall D Ferguson

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Prognostic factors for development of acute respiratory distress syndrome following traumatic injury: a systematic review and meta-analysis. European Respiratory Journal, 2022, 59, 2100857.	3.1	10
2	Noninvasive respiratory support following extubation in critically ill adults: a systematic review and network meta-analysis. Intensive Care Medicine, 2022, 48, 137-147.	3.9	32
3	Validation and utility of ARDS subphenotypes identified by machine-learning models using clinical data: an observational, multicohort, retrospective analysis. Lancet Respiratory Medicine,the, 2022, 10, 367-377.	5.2	64
4	Repeated endo-tracheal tube disconnection generates pulmonary edema in a model of volume overload: an experimental study. Critical Care, 2022, 26, 47.	2.5	4
5	Association of Positive End-Expiratory Pressure 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, 205, 1300-1310.	2.5	37
6	Transvenous Phrenic Nerve Stimulation: A Novel Therapy Gathering Pace. American Journal of Respiratory and Critical Care Medicine, 2022, , .	2.5	0
7	Postoperative Management of Lung Transplant Recipients in the Intensive Care Unit. Anesthesiology, 2022, 136, 482-499.	1.3	15
8	Identifying clinical subtypes in sepsis-survivors with different one-year outcomes: a secondary latent class analysis of the FROG-ICU cohort. Critical Care, 2022, 26, 114.	2.5	12
9	Physiology Is Vital to Precision Medicine in Acute Respiratory Distress Syndrome and Sepsis. American Journal of Respiratory and Critical Care Medicine, 2022, 206, 14-16.	2.5	10
10	Venovenous extracorporeal membrane oxygenation in patients with acute covid-19 associated respiratory failure: comparative effectiveness study. BMJ, The, 2022, 377, e068723.	3.0	63
11	Health-related quality-of-life and health-utility reporting in critical care. World Journal of Critical Care Medicine, 2022, 11, 236-245.	0.8	4
12	Lung-Protective Ventilation and Associated Outcomes and Costs Among Patients Receiving Invasive Mechanical Ventilation in the ED. Chest, 2021, 159, 606-618.	0.4	17
13	Role of Positive End-Expiratory Pressure and Regional Transpulmonary Pressure in Asymmetrical Lung Injury. American Journal of Respiratory and Critical Care Medicine, 2021, 203, 969-976.	2.5	11
14	Clinical trials in critical care: can a Bayesian approach enhance clinical and scientific decision making?. Lancet Respiratory Medicine,the, 2021, 9, 207-216.	5.2	54
15	Identifying Subjects at Risk for Diaphragm Atrophy During Mechanical Ventilation Using Routinely Available Clinical Data. Respiratory Care, 2021, 66, 551-558.	0.8	10
16	Diaphragm echodensity in mechanically ventilated patients: a description of technique and outcomes. Critical Care, 2021, 25, 64.	2.5	18
17	Health-Related Quality-of-Life and Cost Utility Analyses in Critical Care: A Systematic Review*. Critical Care Medicine, 2021, 49, 575-588.	0.4	9
18	Death in hospital following ICU discharge: insights from the LUNG SAFE study. Critical Care, 2021, 25, 144.	2.5	12

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19	Positive End-Expiratory Pressure, Pleural Pressure, and Regional Compliance during Pronation. An Experimental Study. American Journal of Respiratory and Critical Care Medicine, 2021, 203, 1266-1274.	2.5	46
20	Achieving Safe Liberation During Weaning From W-ECMO in Patients With Severe ARDS. Chest, 2021, 160, 1704-1713.	0.4	25
21	Comparative Effectiveness of Protective Ventilation Strategies for Moderate and Severe Acute Respiratory Distress Syndrome. A Network Meta-Analysis. American Journal of Respiratory and Critical Care Medicine, 2021, 203, 1366-1377.	2.5	47
22	Interleukin-6 receptor blockade in patients with COVID-19: placing clinical trials into context. Lancet Respiratory Medicine,the, 2021, 9, 655-664.	5.2	88
23	Precision Medicine and Heterogeneity of Treatment Effect in Therapies for ARDS. Chest, 2021, 160, 1729-1738.	0.4	24
24	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.	3.9	63
25	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.	2.5	2
26	Evolution of practice patterns in the management of acute respiratory distress syndrome: A secondary analysis of two successive randomized controlled trials. Journal of Critical Care, 2021, 65, 274-281.	1.0	9
27	Utilization and effect of neuromuscular blockade in a randomized trial of high-frequency oscillation. Journal of Critical Care, 2021, 66, 86-92.	1.0	Ο
28	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.	1.3	31
29	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.	2.5	197
30	The harm of high-frequency oscillatory ventilation (HFOV) in ARDS is not related to a high baseline risk of acute cor pulmonale or short-term changes in hemodynamics. Intensive Care Medicine, 2020, 46, 132-134.	3.9	7
31	Inter-country variability over time in the mortality of mechanically ventilated patients. Intensive Care Medicine, 2020, 46, 444-453.	3.9	39
32	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.	2.5	105
33	Use of Inhaled Volatile Anesthetics for Longer Term Critical Care Sedation: A Pilot Randomized Controlled Trial. , 2020, 2, e0281.		14
34	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.	5.2	106
35	Association of Mortality with Neuromuscular Blockade Differs according to Baseline Diaphragm Thickness. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 1717-1720.	2.5	6
36	Extracorporeal life support for adults with acute respiratory distress syndrome. Intensive Care Medicine, 2020, 46, 2464-2476.	3.9	98

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37	Effect of Hydrocortisone on Mortality and Organ Support in Patients With Severe COVID-19. JAMA - Journal of the American Medical Association, 2020, 324, 1317.	3.8	671
38	How severe COVID-19 infection is changing ARDS management. Intensive Care Medicine, 2020, 46, 2184-2186.	3.9	13
39	Ensuring editorial continuity and quality of science during the COVID-19 storm: the ICM experience. Intensive Care Medicine, 2020, 46, 1918-1920.	3.9	2
40	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.	0.4	36
41	Current and evolving standards of care for patients with ARDS. Intensive Care Medicine, 2020, 46, 2157-2167.	3.9	55
42	Mechanical ventilation in patients with acute brain injury: recommendations of the European Society of Intensive Care Medicine consensus. Intensive Care Medicine, 2020, 46, 2397-2410.	3.9	140
43	Association of Noninvasive Oxygenation Strategies With All-Cause Mortality in Adults With Acute Hypoxemic Respiratory Failure. JAMA - Journal of the American Medical Association, 2020, 324, 57.	3.8	283
44	Lung- and Diaphragm-Protective Ventilation. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 950-961.	2.5	166
45	Identifying Clinical Research Priorities in Adult Pulmonary and Critical Care. NHLBI Working Group Report. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 511-523.	2.5	40
46	Inhalational volatile-based sedation for COVID-19 pneumonia and ARDS. Intensive Care Medicine, 2020, 46, 1563-1566.	3.9	43
47	COVID-19-associated acute respiratory distress syndrome: is a different approach to management warranted?. Lancet Respiratory Medicine,the, 2020, 8, 816-821.	5.2	375
48	Airway Occlusion Pressure As an Estimate of Respiratory Drive and Inspiratory Effort during Assisted Ventilation. American Journal of Respiratory and Critical Care Medicine, 2020, 201, 1086-1098.	2.5	91
49	Compliance With Evidence-Based Processes of Care After Transitions Between Staff Intensivists. Critical Care Medicine, 2020, 48, e227-e232.	0.4	3
50	Association of Low Baseline Diaphragm Muscle Mass With Prolonged Mechanical Ventilation and Mortality Among Critically III Adults. JAMA Network Open, 2020, 3, e1921520.	2.8	52
51	What is the best mechanical ventilation strategy in ARDS?. , 2020, , 109-120.e1.		1
52	Evolving Issues in Oxygen Therapy in Acute Care Medicine. JAMA - Journal of the American Medical Association, 2020, 323, 607.	3.8	15
53	Noninvasive oxygenation strategies in adult patients with acute respiratory failure: a protocol for a systematic review and network meta-analysis. Systematic Reviews, 2020, 9, 95.	2.5	6
54	In-House, Overnight Physician Staffing: A Cross-Sectional Survey of Canadian Adult ICUs. Critical Care Medicine, 2020, 48, e1203-e1210.	0.4	2

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55	Association between ROTEM Hypercoagulable Profile and Outcome in a Cohort of Severely Ill COVID-19 Patients Under Mechanical Ventilation. Blood, 2020, 136, 12-13.	0.6	0
56	Determinants of the effect of extracorporeal carbon dioxide removal in the SUPERNOVA trial: implications for trial design. Intensive Care Medicine, 2019, 45, 1219-1230.	3.9	40
57	Body Mass Index and Mortality in Subjects With ARDS: Post-hoc Analysis of the OSCILLATE Trial. Respiratory Care, 2019, 64, 1042-1048.	0.8	11
58	Focus on ventilation and ARD: recent insights. Intensive Care Medicine, 2019, 45, 1635-1638.	3.9	1
59	A novel non-invasive method to detect excessively high respiratory effort and dynamic transpulmonary driving pressure during mechanical ventilation. Critical Care, 2019, 23, 346.	2.5	104
60	Added Benefit of Noninvasive Ventilation to High-Flow Nasal Oxygen to Prevent Reintubation in Higher-Risk Patients. JAMA - Journal of the American Medical Association, 2019, 322, 1455.	3.8	6
61	Frailty and invasive mechanical ventilation: association with outcomes, extubation failure, and tracheostomy. Intensive Care Medicine, 2019, 45, 1742-1752.	3.9	64
62	Determinants of Depressive Symptoms atÂ1ÂYear Following ICU Discharge in Survivors ofÂ≥ 7 Days of Mechanical Ventilation. Chest, 2019, 156, 466-476.	0.4	14
63	Early Neuromuscular Blockade in the Acute Respiratory Distress Syndrome. New England Journal of Medicine, 2019, 380, 1997-2008.	13.9	576
64	Feasibility and safety of extracorporeal CO2 removal to enhance protective ventilation in acute respiratory distress syndrome: the SUPERNOVA study. Intensive Care Medicine, 2019, 45, 592-600.	3.9	175
65	Outcomes of Patients Presenting with Mild Acute Respiratory Distress Syndrome. Anesthesiology, 2019, 130, 263-283.	1.3	28
66	Long-Term Effects of Phased Implementation of Antimicrobial Stewardship in Academic ICUs: 2007–2015*. Critical Care Medicine, 2019, 47, 159-166.	0.4	35
67	Diaphragmatic myotrauma: a mediator of prolonged ventilation and poor patient outcomes in acute respiratory failure. Lancet Respiratory Medicine,the, 2019, 7, 90-98.	5.2	139
68	ECMO for ARDS: from salvage to standard of care?. Lancet Respiratory Medicine,the, 2019, 7, 108-110.	5.2	98
69	Acute respiratory distress syndrome (ARDS) phenotyping. Intensive Care Medicine, 2019, 45, 516-519.	3.9	38
70	Daily sedation interruption versus no daily sedation interruption for critically ill adult patients requiring invasive mechanical ventilation. The Cochrane Library, 2018, 2018, CD009176.	1.5	69
71	High-frequency oscillatory ventilation versus conventional ventilation for acute respiratory distress syndrome. The Cochrane Library, 2018, 2018, CD004085.	1.5	31
72	Are systematic reviews and meta-analyses still useful research? No. Intensive Care Medicine, 2018, 44, 515-517.	3.9	18

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73	Resolved versus confirmed ARDS after 24Âh: insights from the LUNG SAFE study. Intensive Care Medicine, 2018, 44, 564-577.	3.9	48
74	Position paper for the organization of ECMO programs for cardiac failure in adults. Intensive Care Medicine, 2018, 44, 717-729.	3.9	230
75	Research in Extracorporeal Life Support. Chest, 2018, 153, 788-791.	0.4	28
76	Adjunct and rescue therapies for refractory hypoxemia: prone position, inhaled nitric oxide, high frequency oscillation, extra corporeal life support. Intensive Care Medicine, 2018, 44, 1528-1531.	3.9	7
77	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.	0.4	111
78	Opportunity Knocks? The Expansion of Volatile Agent Use in New Clinical Settings. Journal of Cardiothoracic and Vascular Anesthesia, 2018, 32, 1946-1954.	0.6	3
79	Continuous Negative Abdominal Pressure Reduces Ventilator-induced Lung Injury in a Porcine Model. Anesthesiology, 2018, 129, 163-172.	1.3	20
80	Unproven and Expensive May Still Be Justifiable. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 140-140.	2.5	7
81	Inspiratory Muscle Rehabilitation in Critically III Adults. A Systematic Review and Meta-Analysis. Annals of the American Thoracic Society, 2018, 15, 735-744.	1.5	103
82	A Fine Balance for Oxygen in Acute Respiratory Distress Syndrome*. Critical Care Medicine, 2018, 46, 646-647.	0.4	0
83	Prediction and Outcome of Intensive Care Unit-Acquired Paresis. Journal of Intensive Care Medicine, 2018, 33, 16-28.	1.3	18
84	Continuous Negative Abdominal Pressure Recruits Lungs at Lower Distending Pressures. American Journal of Respiratory and Critical Care Medicine, 2018, 197, 534-537.	2.5	11
85	Reply to Dreyfuss and Gaudry: Might High-Frequency Oscillatory Ventilation Improve the Prognosis of More Severe Acute Respiratory Distress Syndrome? Not So Sure. American Journal of Respiratory and Critical Care Medicine, 2018, 197, 839-839.	2.5	0
86	Use of a structured panel process to define antimicrobial prescribing appropriateness in critical care. Journal of Antimicrobial Chemotherapy, 2018, 73, 246-249.	1.3	17
87	Mechanical Ventilation–induced Diaphragm Atrophy Strongly Impacts Clinical Outcomes. American Journal of Respiratory and Critical Care Medicine, 2018, 197, 204-213.	2.5	441
88	Weaning From Mechanical Ventilation. JAMA - Journal of the American Medical Association, 2018, 320, 1865.	3.8	3
89	Extracorporeal Membrane Oxygenation for Severe Acute Respiratory Distress Syndrome. New England Journal of Medicine, 2018, 378, 1965-1975.	13.9	1,563
90	Continuous negative abdominal pressure: mechanism of action and comparison with prone position. Journal of Applied Physiology, 2018, 125, 107-116.	1.2	13

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91	Immunocompromised patients with acute respiratory distress syndrome: secondary analysis of the LUNG SAFE database. Critical Care, 2018, 22, 157.	2.5	84
92	Epidemiology and patterns of tracheostomy practice in patients with acute respiratory distress syndrome in ICUs across 50 countries. Critical Care, 2018, 22, 195.	2.5	91
93	Mechanical Ventilation in Adults with Acute Respiratory Distress Syndrome An Official Clinical Guideline of American Thoracic Society/European Society of Intensive Care Medicine/Society of Critical Care Medicine. Pulmonologiya, 2018, 28, 399-410.	0.2	1
94	Bilateral pneumonectomy to treat uncontrolled sepsis in a patient awaiting lung transplantation. Journal of Thoracic and Cardiovascular Surgery, 2017, 153, e67-e69.	0.4	32
95	Severe hypercapnia and outcome of mechanically ventilated patients with moderate or severe acute respiratory distress syndrome. Intensive Care Medicine, 2017, 43, 200-208.	3.9	168
96	Severity of Hypoxemia and Effect of High-Frequency Oscillatory Ventilation in Acute Respiratory Distress Syndrome. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 727-733.	2.5	82
97	High-frequency oscillatory ventilation. Current Opinion in Critical Care, 2017, 23, 175-179.	1.6	19
98	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.	2.5	1,104
99	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.	5.2	93
100	Rethinking Inspiratory Pressure Augmentation in Spontaneous Breathing Trials. Chest, 2017, 151, 1399-1400.	0.4	7
101	Safety and Efficacy of Volatile Anesthetic Agents Compared With Standard Intravenous Midazolam/Propofol Sedation in Ventilated Critical Care Patients: A Meta-analysis and Systematic Review of Prospective Trials. Anesthesia and Analgesia, 2017, 124, 1190-1199.	1.1	92
102	Lung Recruitment Maneuvers for Adult Patients with Acute Respiratory Distress Syndrome. A Systematic Review and Meta-Analysis. Annals of the American Thoracic Society, 2017, 14, S304-S311.	1.5	80
103	High-Frequency Oscillation for Adult Patients with Acute Respiratory Distress Syndrome. A Systematic Review and Meta-Analysis. Annals of the American Thoracic Society, 2017, 14, S289-S296.	1.5	22
104	Management of Acute Respiratory Distress Syndrome and Refractory Hypoxemia. A Multicenter Observational Study. Annals of the American Thoracic Society, 2017, 14, 1818-1826.	1.5	59
105	Oxygen Thresholds and Mortality During Extracorporeal Life Support in Adult Patients*. Critical Care Medicine, 2017, 45, 1997-2005.	0.4	61
106	Treatment limitations in the era of ECMO. Lancet Respiratory Medicine, the, 2017, 5, 769-770.	5.2	23
107	Association between ventilatory settings and development of acute respiratory distress syndrome in mechanically ventilated patients due to brain injury. Journal of Critical Care, 2017, 38, 341-345.	1.0	54
108	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	1.5	18

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109	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.	2.5	456
110	Design and Rationale of the Reevaluation of Systemic Early Neuromuscular Blockade Trial for Acute Respiratory Distress Syndrome. Annals of the American Thoracic Society, 2017, 14, 124-133.	1.5	54
111	The impact of hospital experience with out-of-hospital cardiac arrest patients on post cardiac arrest care. Resuscitation, 2017, 110, 169-175.	1.3	19
112	Airway Management Strategies for Brain-injured Patients Meeting Standard Criteria to Consider Extubation. A Prospective Cohort Study. Annals of the American Thoracic Society, 2017, 14, 85-93.	1.5	57
113	High-flow oxygen via nasal cannulae in patients with acute hypoxemic respiratory failure: a systematic review and meta-analysis. Systematic Reviews, 2017, 6, 202.	2.5	42
114	Intensive Care Physiotherapy during Extracorporeal Membrane Oxygenation for Acute Respiratory Distress Syndrome. Annals of the American Thoracic Society, 2017, 14, 246-253.	1.5	53
115	Monitoring during extracorporeal membrane oxygenation. Current Opinion in Critical Care, 2016, 22, 230-238.	1.6	31
116	The influence of corticosteroid treatment on the outcome of influenza A(H1N1pdm09)-related critical illness. Critical Care, 2016, 20, 75.	2.5	80
117	The Berlin definition met our needs: yes. Intensive Care Medicine, 2016, 42, 643-647.	3.9	12
118	Prevalence, risk factors, and outcomes associated with physical restraint use in mechanically ventilated adults. Journal of Critical Care, 2016, 31, 31-35.	1.0	85
119	Clinical challenges in mechanical ventilation. Lancet, The, 2016, 387, 1856-1866.	6.3	107
120	One-Year Outcomes in Caregivers of Critically III Patients. New England Journal of Medicine, 2016, 374, 1831-1841.	13.9	301
121	Oxygen in the ICU. JAMA - Journal of the American Medical Association, 2016, 316, 1553.	3.8	23
122	Exclusion of Residents From Surgery-Intensive Care Team Communication: A Qualitative Study. Journal of Surgical Education, 2016, 73, 639-647.	1.2	9
123	Efficacy of a simple scavenging system for long-term critical care sedation using volatile agent-based anesthesia. Canadian Journal of Anaesthesia, 2016, 63, 630-632.	0.7	20
124	Volatile Anesthetics. Is a New Player Emerging in Critical Care Sedation?. American Journal of Respiratory and Critical Care Medicine, 2016, 193, 1202-1212.	2.5	85
125	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.	3.8	3,568
126	Higher versus lower blood pressure targets for vasopressor therapy in shock: a multicentre pilot randomized controlled trial. Intensive Care Medicine, 2016, 42, 542-550.	3.9	137

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127	The RECOVER Program: Disability Risk Groups and 1-Year Outcome after 7 or More Days of Mechanical Ventilation. American Journal of Respiratory and Critical Care Medicine, 2016, 194, 831-844.	2.5	272
128	Recall of ICU Stay in Patients Managed With a Sedation Protocol or a Sedation Protocol With Daily Interruption. Critical Care Medicine, 2015, 43, 2180-2190.	0.4	36
129	The use of volatile anesthetic agents for long-term critical care sedation (VALTS): study protocol for a pilot randomized controlled trial. Trials, 2015, 16, 560.	0.7	28
130	"lt's Parallel Universes― Critical Care Medicine, 2015, 43, 2147-2154.	0.4	22
131	Competing Risk Analysis for Evaluation of Dalteparin Versus Unfractionated Heparin for Venous Thromboembolism in Medical-Surgical Critically III Patients. Medicine (United States), 2015, 94, e1479.	0.4	11
132	Coenrollment in a Randomized Trial of High-Frequency Oscillation. Critical Care Medicine, 2015, 43, 328-338.	0.4	12
133	Prevalence, Risk Factors, and Outcomes of Delirium in Mechanically Ventilated Adults*. Critical Care Medicine, 2015, 43, 557-566.	0.4	268
134	High-Flow Nasal Cannulae or Noninvasive Ventilation for Management of Postoperative Respiratory Failure. JAMA - Journal of the American Medical Association, 2015, 313, 2325.	3.8	5
135	Impact of sedation and analgesia during noninvasive positive pressure ventilation on outcome: a marginal structural model causal analysis. Intensive Care Medicine, 2015, 41, 1586-1600.	3.9	41
136	Lung-Protective Ventilation in Acute Respiratory Distress Syndrome. How Soon Is Now?. American Journal of Respiratory and Critical Care Medicine, 2015, 191, 125-126.	2.5	8
137	Characteristics and Outcomes of Eligible Nonenrolled Patients in a Mechanical Ventilation Trial of Acute Respiratory Distress Syndrome. American Journal of Respiratory and Critical Care Medicine, 2015, 192, 1306-1313.	2.5	20
138	Intensive versus conventional glucose control in critically ill patients with traumatic brain injury: long-term follow-up of a subgroup of patients from the NICE-SUGAR study. Intensive Care Medicine, 2015, 41, 1037-1047.	3.9	118
139	Improving Use of Targeted Temperature Management After Out-of-Hospital Cardiac Arrest. Critical Care Medicine, 2015, 43, 954-964.	0.4	34
140	Evolution of Diaphragm Thickness during Mechanical Ventilation. Impact of Inspiratory Effort. American Journal of Respiratory and Critical Care Medicine, 2015, 192, 1080-1088.	2.5	391
141	Measuring diaphragm thickness with ultrasound in mechanically ventilated patients: feasibility, reproducibility and validity. Intensive Care Medicine, 2015, 41, 642-649.	3.9	286
142	Management and outcome of mechanically ventilated patients after cardiac arrest. Critical Care, 2015, 19, 215.	2.5	54
143	Physiologic Responsiveness Should Guide Entry into Randomized Controlled Trials. American Journal of Respiratory and Critical Care Medicine, 2015, 192, 1416-1419.	2.5	45
144	The Impact of Hospital and ICU Organizational Factors on Outcome in Critically Ill Patients. Critical Care Medicine, 2015, 43, 519-526.	0.4	170

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145	Prone positioning and neuromuscular blocking agents are part of standard care in severe ARDS patients: no. Intensive Care Medicine, 2015, 41, 2198-2200.	3.9	5
146	Patient safety, resident well-being and continuity of care with different resident duty schedules in the intensive care unit: a randomized trial. Cmaj, 2015, 187, 321-329.	0.9	80
147	Do heart and respiratory rate variability improve prediction of extubation outcomes in critically ill patients?. Critical Care, 2014, 18, R65.	2.5	59
148	Cost-effectiveness of Dalteparin vs Unfractionated Heparin for the Prevention of Venous Thromboembolism in Critically III Patients. JAMA - Journal of the American Medical Association, 2014, 312, 2135.	3.8	50
149	High-frequency oscillatory ventilation for early acute respiratory distress syndrome in adults. Current Opinion in Critical Care, 2014, 20, 77-85.	1.6	21
150	Analgesic, sedative, antipsychotic, and neuromuscular blocker use in Canadian intensive care units: a prospective, multicentre, observational study. Canadian Journal of Anaesthesia, 2014, 61, 619-630.	0.7	73
151	Ventilation Practices in Subarachnoid Hemorrhage: A Cohort Study Exploring the Use of Lung Protective Ventilation. Neurocritical Care, 2014, 21, 178-185.	1.2	15
152	Position Paper for the Organization of Extracorporeal Membrane Oxygenation Programs for Acute Respiratory Failure in Adult Patients. American Journal of Respiratory and Critical Care Medicine, 2014, 190, 488-496.	2.5	400
153	High-frequency oscillatory ventilation in adults: handle with care. Critical Care, 2014, 18, 464.	2.5	3
154	Heparin-induced thrombocytopenia in the critically ill: Interpreting the 4Ts test in a randomized trial. Journal of Critical Care, 2014, 29, 470.e7-470.e15.	1.0	44
155	Oxygenation Response to Positive End-Expiratory Pressure Predicts Mortality in Acute Respiratory Distress Syndrome. A Secondary Analysis of the LOVS and ExPress Trials. American Journal of Respiratory and Critical Care Medicine, 2014, 190, 70-76.	2.5	160
156	Economic evaluation of the prophylaxis for thromboembolism in critical care trial (E-PROTECT): study protocol for a randomized controlled trial. Trials, 2014, 15, 502.	0.7	10
157	Corticosteroid use in the intensive care unit: a survey of intensivists. Canadian Journal of Anaesthesia, 2013, 60, 652-659.	0.7	15
158	Evolution of Mortality over Time in Patients Receiving Mechanical Ventilation. American Journal of Respiratory and Critical Care Medicine, 2013, 188, 220-230.	2.5	999
159	Evaluating the Berlin Definition in pediatric ARDS. Intensive Care Medicine, 2013, 39, 2213-2216.	3.9	20
160	Physicians declining patient enrollment in a critical care trial: a case study in thromboprophylaxis. Intensive Care Medicine, 2013, 39, 2115-2125.	3.9	12
161	High-Frequency Oscillation for ARDS. New England Journal of Medicine, 2013, 368, 2231-2234.	13.9	10
162	Clinical review: Acute respiratory distress syndrome - clinical ventilator management and adjunct therapy. Critical Care, 2013, 17, 225.	2.5	51

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163	Prophylactic magnesium for improving neurologic outcome after aneurysmal subarachnoid hemorrhage: Systematic review and meta-analysis. Journal of Critical Care, 2013, 28, 173-181.	1.0	31
164	High-Frequency Oscillation in Early Acute Respiratory Distress Syndrome. New England Journal of Medicine, 2013, 368, 795-805.	13.9	1,209
165	High-frequency ventilation versus conventional ventilation for treatment of acute lung injury and acute respiratory distress syndrome. , 2013, , CD004085.		33
166	Re-evaluating high-frequency oscillation for ARDS: Would a targeted approach be successful?. Critical Care, 2013, 17, 133.	2.5	6
167	Rates and determinants of informed consent: A case study of an international thromboprophylaxis trial. Journal of Critical Care, 2013, 28, 28-39.	1.0	19
168	Reply: Quality-adjusted Life Years or Composite Outcomes?. American Journal of Respiratory and Critical Care Medicine, 2013, 188, 622-623.	2.5	0
169	Integrating Mortality and Morbidity Outcomes. American Journal of Respiratory and Critical Care Medicine, 2013, 187, 256-261.	2.5	44
170	Partial liquid ventilation for preventing death and morbidity in adults with acute lung injury and acute respiratory distress syndrome. The Cochrane Library, 2013, , CD003707.	1.5	19
171	Utility of draining pleural effusions in mechanically ventilated patients. Current Opinion in Pulmonary Medicine, 2012, 18, 359-365.	1.2	13
172	Long-Term Patient Outcomes After Prolonged Mechanical Ventilation: The Towards RECOVER Study. , 2012, , .		0
173	Core competency in mechanical ventilation. Critical Care Medicine, 2012, 40, 2828-2832.	0.4	26
174	Daily Sedation Interruption in Mechanically Ventilated Critically III Patients Cared for With a Sedation Protocol. JAMA - Journal of the American Medical Association, 2012, 308, 1985.	3.8	402
175	The Berlin definition of ARDS: an expanded rationale, justification, and supplementary material. Intensive Care Medicine, 2012, 38, 1573-1582.	3.9	1,112
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