

Daniel F Mcauley

List of Publications by Year in descending order

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Version: 2024-02-01

241
papers

33,694
citations

18465

62
h-index

4223

174
g-index

254
all docs

254
docs citations

254
times ranked

43991
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative oral health assessments in mechanically ventilated patients: A scoping review. <i>Nursing in Critical Care</i> , 2023, 28, 756-772.	1.1	1
2	Advancing precision medicine for acute respiratory distress syndrome. <i>Lancet Respiratory Medicine</i> , 2022, 10, 107-120.	5.2	83
3	“Sugar or Salt” (SOS) trial protocol summary. <i>Journal of the Intensive Care Society</i> , 2022, 23, 492-492.	1.1	1
4	Aspirin as a Treatment for ARDS. <i>Chest</i> , 2022, 161, 1275-1284.	0.4	10
5	Cathepsin S Contributes to Lung Inflammation in Acute Respiratory Distress Syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 205, 769-782.	2.5	9
6	Validation and utility of ARDS subphenotypes identified by machine-learning models using clinical data: an observational, multicohort, retrospective analysis. <i>Lancet Respiratory Medicine</i> , 2022, 10, 367-377.	5.2	64
7	Decision support system to evaluate ventilation in the acute respiratory distress syndrome (DeVENT) Tj ETQq1 1 0.784314 rgBT /Over 0.7	0.7	4
8	Extracorporeal Carbon Dioxide Removal vs Standard Care Ventilation Effect on 90-Day Mortality in Patients With Acute Hypoxemic Respiratory Failure—Reply. <i>JAMA - Journal of the American Medical Association</i> , 2022, 327, 84.	3.8	2
9	Effect of Noninvasive Respiratory Strategies on Intubation or Mortality Among Patients With Acute Hypoxemic Respiratory Failure and COVID-19. <i>JAMA - Journal of the American Medical Association</i> , 2022, 327, 546.	3.8	229
10	Update on the Features and Measurements of Experimental Acute Lung Injury in Animals: An Official American Thoracic Society Workshop Report. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2022, 66, e1-e14.	1.4	82
11	Geoeconomic variations in epidemiology, ventilation management, and outcomes in invasively ventilated intensive care unit patients without acute respiratory distress syndrome: a pooled analysis of four observational studies. <i>The Lancet Global Health</i> , 2022, 10, e227-e235.	2.9	16
12	Common, low-frequency, rare, and ultra-rare coding variants contribute to COVID-19 severity. <i>Human Genetics</i> , 2022, 141, 147-173.	1.8	22
13	Namulumab or infliximab compared with standard of care in hospitalised patients with COVID-19 (CATALYST): a randomised, multicentre, multi-arm, multistage, open-label, adaptive, phase 2, proof-of-concept trial. <i>Lancet Respiratory Medicine</i> , 2022, 10, 255-266.	5.2	32
14	Towards a biological definition of ARDS: are treatable traits the solution?. <i>Intensive Care Medicine Experimental</i> , 2022, 10, 8.	0.9	32
15	Whole-genome sequencing reveals host factors underlying critical COVID-19. <i>Nature</i> , 2022, 607, 97-103.	13.7	174
16	Co-ordinated multidisciplinary intervention to reduce time to successful extubation for children on mechanical ventilation: the SANDWICH cluster stepped-wedge RCT. <i>Health Technology Assessment</i> , 2022, 26, 1-114.	1.3	1
17	Feasibility of conservative fluid administration and dereuscitation compared with usual care in critical illness: the Role of Active Dereuscitation After Resuscitation-2 (RADAR-2) randomised clinical trial. <i>Intensive Care Medicine</i> , 2022, 48, 190-200.	3.9	28
18	Patients views on a new surveillance pathway involving allied non-medical staff for people with treated diabetic macular oedema and proliferative diabetic retinopathy. <i>Eye</i> , 2022, , .	1.1	1

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19	Plasma neurofilament light chain protein as a predictor of days in delirium and deep sedation, mortality and length of stay in critically ill patients. <i>EBioMedicine</i> , 2022, 80, 104043.	2.7	12
20	Repair of acute respiratory distress syndrome by stromal cell administration (REALIST): a structured study protocol for an open-label dose-escalation phase 1 trial followed by a randomised, triple-blind, allocation concealed, placebo-controlled phase 2 trial. <i>Trials</i> , 2022, 23, 401.	0.7	3
21	Noninvasive Respiratory Strategies and Intubation or Mortality Among Patients With Acute Hypoxemic Respiratory Failure Due to COVID-19 Reply. <i>JAMA - Journal of the American Medical Association</i> , 2022, 327, 2023.	3.8	6
22	Redefining critical illness. <i>Nature Medicine</i> , 2022, 28, 1141-1148.	15.2	136
23	Baseline plasma IL-18 may predict simvastatin treatment response in patients with ARDS: a secondary analysis of the HARP-2 randomised clinical trial. <i>Critical Care</i> , 2022, 26, .	2.5	15
24	The Influence of Orthopedic Surgery on Circulating Metabolite Levels, and their Associations with the Incidence of Postoperative Delirium. <i>Metabolites</i> , 2022, 12, 616.	1.3	0
25	Mesenchymal stromal cells for acute respiratory distress syndrome (ARDS), sepsis, and COVID-19 infection: optimizing the therapeutic potential. <i>Expert Review of Respiratory Medicine</i> , 2021, 15, 301-324.	1.0	41
26	Evaluation of a New Model of Care for People with Complications of Diabetic Retinopathy. <i>Ophthalmology</i> , 2021, 128, 561-573.	2.5	15
27	Study into the reversal of septic shock with landiolol (beta blockade): STRESS-L Study protocol for a randomised trial. <i>BMJ Open</i> , 2021, 11, e043194.	0.8	3
28	Swallowing therapy compared to standard care may not have had a beneficial effect on the incidence of pneumonia for patients in acute care. Author's reply. <i>Intensive Care Medicine</i> , 2021, 47, 718-719.	3.9	0
29	Interleukin-6 Receptor Antagonists in Critically Ill Patients with Covid-19. <i>New England Journal of Medicine</i> , 2021, 384, 1491-1502.	13.9	1,419
30	Transepithelial nasal potential difference in patients with, and at risk of acute respiratory distress syndrome. <i>Thorax</i> , 2021, 76, thoraxjnl-2020-215587.	2.7	1
31	Death in hospital following ICU discharge: insights from the LUNG SAFE study. <i>Critical Care</i> , 2021, 25, 144.	2.5	12
32	Moral distress in end-of-life decisions: A qualitative study of intensive care physicians. <i>Journal of Critical Care</i> , 2021, 62, 185-189.	1.0	37
33	Targeting <i>Candida albicans</i> in dual-species biofilms with antifungal treatment reduces <i>Staphylococcus aureus</i> and MRSA in vitro. <i>PLoS ONE</i> , 2021, 16, e0249547.	1.1	17
34	Major differences in ICU admissions during the first and second COVID-19 wave in Germany. <i>Lancet Respiratory Medicine</i> , 2021, 9, e47-e48.	5.2	104
35	Multimodal imaging interpreted by graders to detect re-activation of diabetic eye disease in previously treated patients: the EMERALD diagnostic accuracy study. <i>Health Technology Assessment</i> , 2021, 25, 1-104.	1.3	1
36	Delirium in COVID-19: can we make the unknowns known?. <i>Intensive Care Medicine</i> , 2021, 47, 1144-1147.	3.9	6

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37	Non-invasive respiratory support strategies in COVID-19. <i>Lancet Respiratory Medicine</i> , 2021, 9, 553-556.	5.2	44
38	Cytokine adsorption during ECMO for COVID-19-related ARDS. <i>Lancet Respiratory Medicine</i> , 2021, 9, 680-682.	5.2	3
39	Defining phenotypes and treatment effect heterogeneity to inform acute respiratory distress syndrome and sepsis trials: secondary analyses of three RCTs. <i>Efficacy and Mechanism Evaluation</i> , 2021, 8, 1-104.	0.9	11
40	Therapeutic Anticoagulation with Heparin in Noncritically Ill Patients with Covid-19. <i>New England Journal of Medicine</i> , 2021, 385, 790-802.	13.9	778
41	Effect of a Sedation and Ventilator Liberation Protocol vs Usual Care on Duration of Invasive Mechanical Ventilation in Pediatric Intensive Care Units. <i>JAMA - Journal of the American Medical Association</i> , 2021, 326, 401.	3.8	37
42	Secreted Extracellular Cyclophilin A Is a Novel Mediator of Ventilator-induced Lung Injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 204, 421-430.	2.5	8
43	Therapeutic Anticoagulation with Heparin in Critically Ill Patients with Covid-19. <i>New England Journal of Medicine</i> , 2021, 385, 777-789.	13.9	712
44	Effect of Lower Tidal Volume Ventilation Facilitated by Extracorporeal Carbon Dioxide Removal vs Standard Care Ventilation on 90-Day Mortality in Patients With Acute Hypoxemic Respiratory Failure. <i>JAMA - Journal of the American Medical Association</i> , 2021, 326, 1013.	3.8	108
45	Hyperoxaemia and hypoxaemia are associated with harm in patients with ARDS. <i>BMC Pulmonary Medicine</i> , 2021, 21, 285.	0.8	8
46	Safety and Efficacy of NVX-CoV2373 Covid-19 Vaccine. <i>New England Journal of Medicine</i> , 2021, 385, 1172-1183.	13.9	734
47	Reply. <i>Ophthalmology</i> , 2021, 128, e46-e47.	2.5	0
48	Phenotypes and subphenotypes of delirium: a review of current categorisations and suggestions for progression. <i>Critical Care</i> , 2021, 25, 334.	2.5	31
49	Oral health care for the critically ill: a narrative review. <i>Critical Care</i> , 2021, 25, 353.	2.5	12
50	Genetic mechanisms of critical illness in COVID-19. <i>Nature</i> , 2021, 591, 92-98.	13.7	1,014
51	Mesenchymal stromal cell extracellular vesicles rescue mitochondrial dysfunction and improve barrier integrity in clinically relevant models of ARDS. <i>European Respiratory Journal</i> , 2021, 58, 2002978.	3.1	94
52	Outcome of acute hypoxaemic respiratory failure: insights from the LUNG SAFE Study. <i>European Respiratory Journal</i> , 2021, 57, 2003317.	3.1	39
53	Effect of Convalescent Plasma on Organ Support—Free Days in Critically Ill Patients With COVID-19. <i>JAMA - Journal of the American Medical Association</i> , 2021, 326, 1690.	3.8	169
54	Characterizing preclinical subphenotypic models of acute respiratory distress syndrome: An experimental ovine study. <i>Physiological Reports</i> , 2021, 9, e15048.	0.7	13

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55	Repair of acute respiratory distress syndrome by stromal cell administration (REALIST) trial: A phase 1 trial. <i>EClinicalMedicine</i> , 2021, 41, 101167.	3.2	22
56	Promises and challenges of personalized medicine to guide ARDS therapy. <i>Critical Care</i> , 2021, 25, 404.	2.5	35
57	Comparison of machine learning clustering algorithms for detecting heterogeneity of treatment effect in acute respiratory distress syndrome: A secondary analysis of three randomised controlled trials. <i>EBioMedicine</i> , 2021, 74, 103697.	2.7	23
58	Sedation and Ventilator Liberation Protocol vs Usual Care and Duration of Invasive Ventilation in Pediatric Intensive Care Units—Reply. <i>JAMA - Journal of the American Medical Association</i> , 2021, 326, 2329.	3.8	2
59	Targeting Proteases in Cystic Fibrosis Lung Disease. Paradigms, Progress, and Potential. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 201, 141-147.	2.5	43
60	Fluid management and dereuscitation practices: A survey of critical care physicians. <i>Journal of the Intensive Care Society</i> , 2020, 21, 111-118.	1.1	35
61	Biomarker-guided antibiotic stewardship in suspected ventilator-associated pneumonia (VAPrapid2): a randomised controlled trial and process evaluation. <i>Lancet Respiratory Medicine</i> , the, 2020, 8, 182-191.	5.2	65
62	The National Institute for Health Research Critical Care Research Priority Setting Survey 2018. <i>Journal of the Intensive Care Society</i> , 2020, 21, 198-201.	1.1	1
63	A nebulised antitumour necrosis factor receptor-1 domain antibody in patients at risk of postoperative lung injury: A randomised, placebo-controlled pilot study. <i>European Journal of Anaesthesiology</i> , 2020, 37, 1014-1024.	0.7	7
64	Emerging pharmacological therapies for ARDS: COVID-19 and beyond. <i>Intensive Care Medicine</i> , 2020, 46, 2265-2283.	3.9	52
65	The Impact of Aging in Acute Respiratory Distress Syndrome: A Clinical and Mechanistic Overview. <i>Frontiers in Medicine</i> , 2020, 7, 589553.	1.2	16
66	A minimal common outcome measure set for COVID-19 clinical research. <i>Lancet Infectious Diseases</i> , The, 2020, 20, e192-e197.	4.6	1,165
67	RECOVERY- Respiratory Support: Respiratory Strategies for patients with suspected or proven COVID-19 respiratory failure; Continuous Positive Airway Pressure, High-flow Nasal Oxygen, and standard care: A structured summary of a study protocol for a randomised controlled trial. <i>Trials</i> , 2020, 21, 687.	0.7	28
68	Subphenotypes in critical care: translation into clinical practice. <i>Lancet Respiratory Medicine</i> , the, 2020, 8, 631-643.	5.2	117
69	More research is required to understand factors influencing antibiotic prescribing in complex conditions like suspected ventilator-associated pneumonia. <i>Annals of Translational Medicine</i> , 2020, 8, 840-840.	0.7	4
70	Comparing regression and neural network techniques for personalized predictive analytics to promote lung protective ventilation in Intensive Care Units. <i>Computers in Biology and Medicine</i> , 2020, 126, 104030.	3.9	11
71	Effect of Hydrocortisone on Mortality and Organ Support in Patients With Severe COVID-19. <i>JAMA - Journal of the American Medical Association</i> , 2020, 324, 1317.	3.8	671
72	Prevalence of phenotypes of acute respiratory distress syndrome in critically ill patients with COVID-19: a prospective observational study. <i>Lancet Respiratory Medicine</i> , the, 2020, 8, 1209-1218.	5.2	174

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73	Airway Inflammation and Host Responses in the Era of CFTR Modulators. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6379.	1.8	36
74	Delving beneath the surface of hyperinflammation in COVID-19. <i>Lancet Rheumatology</i> , The, 2020, 2, e578-e579.	2.2	14
75	Apples and oranges: international comparisons of COVID-19 observational studies in ICUs. <i>Lancet Respiratory Medicine</i> , the, 2020, 8, 952-953.	5.2	22
76	Reducing mortality and morbidity in patients with severe COVID-19 disease by advancing ongoing trials of Mesenchymal Stromal (stem) Cell (MSC) therapy – Achieving global consensus and visibility for cellular host-directed therapies. <i>International Journal of Infectious Diseases</i> , 2020, 96, 431-439.	1.5	43
77	Interventions for oropharyngeal dysphagia in acute and critical care: a systematic review and meta-analysis. <i>Intensive Care Medicine</i> , 2020, 46, 1326-1338.	3.9	40
78	Repair of Acute Respiratory Distress Syndrome by Stromal Cell Administration in COVID-19 (REALIST-COVID-19): A structured summary of a study protocol for a randomised, controlled trial. <i>Trials</i> , 2020, 21, 462.	0.7	24
79	Parenteral thiamine for prevention and treatment of delirium in critically ill adults: a systematic review protocol. <i>Systematic Reviews</i> , 2020, 9, 131.	2.5	8
80	Mucoactive agents for acute respiratory failure in the critically ill: a systematic review and meta-analysis. <i>Thorax</i> , 2020, 75, 623-631.	2.7	9
81	Essential care of critical illness must not be forgotten in the COVID-19 pandemic. <i>Lancet</i> , The, 2020, 395, 1253-1254.	6.3	86
82	COVID-19: consider cytokine storm syndromes and immunosuppression. <i>Lancet</i> , The, 2020, 395, 1033-1034.	6.3	7,677
83	Relationship between norepinephrine dose, tachycardia and outcome in septic shock: A multicentre evaluation. <i>Journal of Critical Care</i> , 2020, 57, 185-190.	1.0	30
84	Airway clearance techniques and use of mucoactive agents for adult critically ill patients with acute respiratory failure: a qualitative study exploring UK physiotherapy practice. <i>Physiotherapy</i> , 2020, 108, 78-87.	0.2	5
85	Corticosteroids in acute respiratory distress syndrome: a step forward, but more evidence is needed. <i>Lancet Respiratory Medicine</i> , the, 2020, 8, 220-222.	5.2	9
86	Development and validation of parsimonious algorithms to classify acute respiratory distress syndrome phenotypes: a secondary analysis of randomised controlled trials. <i>Lancet Respiratory Medicine</i> , the, 2020, 8, 247-257.	5.2	165
87	Combined Mesenchymal Stromal Cell Therapy and Extracorporeal Membrane Oxygenation in Acute Respiratory Distress Syndrome. A Randomized Controlled Trial in Sheep. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 383-392.	2.5	27
88	Human lipopolysaccharide models provide mechanistic and therapeutic insights into systemic and pulmonary inflammation. <i>European Respiratory Journal</i> , 2020, 56, 1901298.	3.1	56
89	Acute respiratory distress syndrome subphenotypes and therapy responsive traits among preclinical models: protocol for a systematic review and meta-analysis. <i>Respiratory Research</i> , 2020, 21, 81.	1.4	12
90	Mucoactive agent use in adult UK Critical Care Units: a survey of health care professionals – perception, pharmacists – description of practice, and point prevalence of mucoactive use in invasively mechanically ventilated patients. <i>PeerJ</i> , 2020, 8, e8828.	0.9	5

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91	Will Not Breathing on Extracorporeal Membrane Oxygenation Help One Survive Acute Respiratory Distress Syndrome?*. Critical Care Medicine, 2020, 48, 1901-1904.	0.4	2
92	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.	0.4	68
93	Levosimendan in septic shock in patients with biochemical evidence of cardiac dysfunction: a subgroup analysis of the LeoPARDS randomised trial. Intensive Care Medicine, 2019, 45, 1392-1400.	3.9	33
94	Effectiveness of Multimodal imaging for the Evaluation of Retinal oedema And new vessels in Diabetic retinopathy (EMERALD). BMJ Open, 2019, 9, e027795.	0.8	7
95	Extracorporeal membrane oxygenation (ECMO) and the acute respiratory distress syndrome (ARDS): a systematic review of pre-clinical models. Intensive Care Medicine Experimental, 2019, 7, 18.	0.9	17
96	Heterogeneity of treatment effect by baseline risk of mortality in critically ill patients: re-analysis of three recent sepsis and ARDS randomised controlled trials. Critical Care, 2019, 23, 156.	2.5	27
97	Emerging drugs for treating the acute respiratory distress syndrome. Expert Opinion on Emerging Drugs, 2019, 24, 29-41.	1.0	44
98	IL4R β Signaling Abrogates Hypoxic Neutrophil Survival and Limits Acute Lung Injury Responses <i>In Vivo</i> . American Journal of Respiratory and Critical Care Medicine, 2019, 200, 235-246.	2.5	33
99	Cerebrospinal Fluid Spermidine, Glutamine and Putrescine Predict Postoperative Delirium Following Elective Orthopaedic Surgery. Scientific Reports, 2019, 9, 4191.	1.6	17
100	Diabetic macular oedema and diode subthreshold micropulse laser (DIAMONDS): study protocol for a randomised controlled trial. Trials, 2019, 20, 122.	0.7	22
101	Sedation AND Weaning In Children (SANDWICH): protocol for a cluster randomised stepped wedge trial. BMJ Open, 2019, 9, e031630.	0.8	13
102	Interventions for oropharyngeal dysphagia in acute and critical care: a protocol for a systematic review and meta-analysis. Systematic Reviews, 2019, 8, 283.	2.5	13
103	A Core Outcome Set for Critical Care Ventilation Trials. Critical Care Medicine, 2019, 47, 1324-1331.	0.4	57
104	Hypercapnic acidosis induces mitochondrial dysfunction and impairs the ability of mesenchymal stem cells to promote distal lung epithelial repair. FASEB Journal, 2019, 33, 5585-5598.	0.2	34
105	The effectiveness of non-pharmacological interventions in reducing the incidence and duration of delirium in critically ill patients: a systematic review and meta-analysis. Intensive Care Medicine, 2019, 45, 1-12.	3.9	68
106	Patients' Perceptions of an Exercise Program Delivered Following Discharge From Hospital After Critical Illness (the Revive Trial). Journal of Intensive Care Medicine, 2019, 34, 978-984.	1.3	12
107	CSF Beta-amyloid β 42 Concentration Predicts Delirium Following Elective Arthroplasty Surgery in an Observational Cohort Study. Annals of Surgery, 2019, 269, 1200-1205.	2.1	56
108	Protocolised non-invasive compared with invasive weaning from mechanical ventilation for adults in intensive care: the Breathe RCT. Health Technology Assessment, 2019, 23, 1-114.	1.3	4

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109	Designing a nurse-delivered delirium bundle: What intensive care unit staff, survivors, and their families think?. Australian Critical Care, 2018, 31, 174-179.	0.6	18
110	Late mortality after acute hypoxic respiratory failure. Thorax, 2018, 73, 618-625.	2.7	26
111	Prevention of post-operative complications by using a HMG-CoA reductase inhibitor in patients undergoing one-lung ventilation for non-cardiac surgery: study protocol for a randomised controlled trial. Trials, 2018, 19, 690.	0.7	2
112	Latent class analysis of ARDS subphenotypes: a secondary analysis of the statins for acutely injured lungs from sepsis (SAILS) study. Intensive Care Medicine, 2018, 44, 1859-1869.	3.9	223
113	Deresuscitation of Patients With Iatrogenic Fluid Overload Is Associated With Reduced Mortality in Critical Illness*. Critical Care Medicine, 2018, 46, 1600-1607.	0.4	122
114	Extracorporeal carbon dioxide removal for lowering the risk of mechanical ventilation: research questions and clinical potential for the future. Lancet Respiratory Medicine, the, 2018, 6, 874-884.	5.2	62
115	Identifying associations between diabetes and acute respiratory distress syndrome in patients with acute hypoxemic respiratory failure: an analysis of the LUNG SAFE database. Critical Care, 2018, 22, 268.	2.5	28
116	Effect of Protocolized Weaning With Early Extubation to Noninvasive Ventilation vs Invasive Weaning on Time to Liberation From Mechanical Ventilation Among Patients With Respiratory Failure. JAMA - Journal of the American Medical Association, 2018, 320, 1881.	3.8	68
117	A United Kingdom Register study of in-hospital outcomes of patients receiving extracorporeal carbon dioxide removal. Journal of the Intensive Care Society, 2018, 19, 114-121.	1.1	5
118	Acute respiratory distress syndrome subphenotypes and differential response to simvastatin: secondary analysis of a randomised controlled trial. Lancet Respiratory Medicine, the, 2018, 6, 691-698.	5.2	455
119	Randomised controlled trial of GM-CSF in critically ill patients with impaired neutrophil phagocytosis. Thorax, 2018, 73, 918-925.	2.7	41
120	Simvastatin to reduce pulmonary dysfunction in patients with acute respiratory distress syndrome: the HARP-2 RCT. Efficacy and Mechanism Evaluation, 2018, 5, 1-80.	0.9	5
121	Levosimendan to prevent acute organ dysfunction in sepsis: the LeoPARDS RCT. Efficacy and Mechanism Evaluation, 2018, 5, 1-94.	0.9	3
122	Simvastatin pre-treatment improves survival and mitochondrial function in a 3-day fluid-resuscitated rat model of sepsis. Clinical Science, 2017, 131, 747-758.	1.8	12
123	Effectiveness of an exercise programme on physical function in patients discharged from hospital following critical illness: a randomised controlled trial (the REVIVE trial). Thorax, 2017, 72, 594.1-595.	2.7	41
124	Prolonged glucocorticoid treatment in acute respiratory distress syndrome – Authors' reply. Lancet, The, 2017, 389, 1516-1517.	6.3	5
125	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
126	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

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127	Keratinocyte growth factor for the treatment of the acute respiratory distress syndrome (KARE): a randomised, double-blind, placebo-controlled phase 2 trial. <i>Lancet Respiratory Medicine</i> , 2017, 5, 484-491.	5.2	70
128	Mesenchymal Stromal Cells Modulate Macrophages in Clinically Relevant Lung Injury Models by Extracellular Vesicle Mitochondrial Transfer. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 196, 1275-1286.	2.5	517
129	Clinical trials in acute respiratory distress syndrome: challenges and opportunities. <i>Lancet Respiratory Medicine</i> , 2017, 5, 524-534.	5.2	213
130	Observational cohort study examining apolipoprotein E status and preoperative neuropsychological performance as predictors of post-operative delirium in an older elective arthroplasty population. <i>Age and Ageing</i> , 2017, 46, 779-786.	0.7	20
131	Statin therapy for acute respiratory distress syndrome: an individual patient data meta-analysis of randomised clinical trials. <i>Intensive Care Medicine</i> , 2017, 43, 663-671.	3.9	33
132	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.	1.5	47
133	Evaluation of early administration of simvastatin in the prevention and treatment of delirium in critically ill patients undergoing mechanical ventilation (MoDUS): a randomised, double-blind, placebo-controlled trial. <i>Lancet Respiratory Medicine</i> , 2017, 5, 727-737.	5.2	56
134	Divide and conquer: identifying acute respiratory distress syndrome subphenotypes. <i>Thorax</i> , 2017, 72, 867-869.	2.7	11
135	Characterisation of eppin function: expression and activity in the lung. <i>European Respiratory Journal</i> , 2017, 50, 1601937.	3.1	5
136	Quantifying the Effects of Prior Acetyl-Salicylic Acid on Sepsis-Related Deaths: An Individual Patient Data Meta-Analysis Using Propensity Matching*. <i>Critical Care Medicine</i> , 2017, 45, 1871-1879.	0.4	33
137	Conservative fluid management or dereuscitation 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.	3.9	305
138	Noninvasive Ventilation of Patients with Acute Respiratory Distress Syndrome. Insights from the LUNG SAFE Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 67-77.	2.5	456
139	Statins in patients with sepsis and ARDS: is it over? We are not sure. <i>Intensive Care Medicine</i> , 2017, 43, 677-679.	3.9	9
140	Current practice in the management of new-onset atrial fibrillation in critically ill patients: a UK-wide survey. <i>PeerJ</i> , 2017, 5, e3716.	0.9	29
141	Acute Respiratory Distress Syndrome Phenotypes and Identifying Treatable Traits. The Dawn of Personalized Medicine for ARDS. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 280-281.	2.5	20
142	Effectiveness of biomarker-based exclusion of ventilator-acquired pneumonia to reduce antibiotic use (VAPrapid-2): study protocol for a randomised controlled trial. <i>Trials</i> , 2016, 17, 318.	0.7	17
143	<i>Thorax</i> protocol review: working with trialists to improve trial quality. <i>Thorax</i> , 2016, 71, 491-492.	2.7	0
144	The inflammatory response to extracorporeal membrane oxygenation (ECMO): a review of the pathophysiology. <i>Critical Care</i> , 2016, 20, 387.	2.5	452

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145	Cigarette smokers have exaggerated alveolar barrier disruption in response to lipopolysaccharide inhalation. <i>Thorax</i> , 2016, 71, 1130-1136.	2.7	59
146	Acute respiratory distress syndrome. <i>Lancet</i> , The, 2016, 388, 2416-2430.	6.3	306
147	Levosimendan for the Prevention of Acute Organ Dysfunction in Sepsis. <i>New England Journal of Medicine</i> , 2016, 375, 1638-1648.	13.9	271
148	Mitochondrial Transfer via Tunneling Nanotubes is an Important Mechanism by Which Mesenchymal Stem Cells Enhance Macrophage Phagocytosis in the In Vitro and In Vivo Models of ARDS. <i>Stem Cells</i> , 2016, 34, 2210-2223.	1.4	401
149	Potentially modifiable factors contributing to outcome from acute respiratory distress syndrome: the LUNG SAFE study. <i>Intensive Care Medicine</i> , 2016, 42, 1865-1876.	3.9	247
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