Daniel Mcauley

List of Articles by Year
in descending order

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251 peer-reviewed articles	26,975 peer-reviewed citations	23079 60 peer-reviewed h-index	477318 4.37 score
310 documents	38633 doc citations	18930 68 h-index	96950 citing authors

#	Article	IF	Citations
1	Factors to consider when designing post-hospital interventions to support critical illness recovery: Systematic review and qualitative evidence synthesis. Journal of the Intensive Care Society, 2025, 26, 80-95.	1.0	6
2	Preoperative inflammatory subphenotypes predict postoperative pulmonary complications in patients undergoing elective major surgery: a secondary analysis of the Prevention-HARP2 trial. British Journal of Anaesthesia, 2025, 134, 616-617.	3.6	1
3	Effect of statins on neurological functional outcomes in critically ill adult patients with traumatic brain injury: a systematic review and meta-analysis. BMJ Open, 2025, 15, e091971.	1.2	5
4	Sepsis subphenotypes, theragnostics and personalized sepsis care. Intensive Care Medicine, 2025, 51, 756-768.	3.5	67
5	Cell-based Therapies for Acute Respiratory Distress Syndrome: Where Are We Now?. American Journal of Respiratory and Critical Care Medicine, 2024, 209, 789-797.	5.0	23
6	Vascular leak in sepsis: physiological basis and potential therapeutic advances. Critical Care, 2024, 28, .	4.1	119
7	Recovery following discharge from intensive care: What do patients think is helpful and what services are missing?. PLoS ONE, 2024, 19, e0297012.	1.5	19
8	Communication in critical care tracheostomy patients dependent upon cuff inflation: A scoping review. Australian Critical Care, 2024, 37, 971-984.	2.1	6
9	TRPV2 modulates mechanically Induced ATP Release from Human bronchial epithelial cells. Respiratory Research, 2024, 25, .	2.8	11
10	Neutrophil-Derived Proteases in Lung Inflammation: Old Players and New Prospects. International Journal of Molecular Sciences, 2024, 25, 5492.	3.2	35
11	Statistical Power and Performance of Strategies to Analyze Composites of Survival and Duration of Ventilation in Clinical Trials. , 2024, 6, e1152.		1
12	SIGNET: protocol for a multicentre, single-blind prospective, group sequential, randomised controlled trial to evaluate the benefits of a single dose of simvastatin given to potential organ donors declared dead by neurological criteria on outcomes in organ recipients. BMJ Open, 2024, 14, e086352.	1.2	6
13	Small volume fluid resuscitation and supplementation with 20% albumin versus buffered crystalloids in adults with septic shock: A protocol for a randomised feasibility trial. Journal of the Intensive Care Society, 2024, 25, 419-426.	1.0	1
14	A randomized control trial evaluating the advice of a physiological-model/digital twin-based decision support system on mechanical ventilation in patients with acute respiratory distress syndrome. Frontiers in Medicine, 2024, 11, .	1.6	9
15	Using the TIDieR checklist to describe the intervention of the Sedation and Weaning in Children (SANDWICH) trial. Nursing in Critical Care, 2023, 28, 396-403.	2.2	16
16	Quantitative oral health assessments in mechanically ventilated patients: A scoping review. Nursing in Critical Care, 2023, 28, 756-772.	2.2	8
17	Diabetic Macular Edema and Diode Subthreshold Micropulse Laser. Ophthalmology, 2023, 130, 14-27.	5.8	52
18	Mesenchymal stromal cells-derived extracellular vesicles reprogramme macrophages in ARDS models through the miR-181a-5p-PTEN-pSTAT5-SOCS1 axis. Thorax, 2023, 78, 617-630.	3.4	46

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19	Acute hypoxaemic respiratory failure after treatment with lower tidal volume ventilation facilitated by extracorporeal carbon dioxide removal: long-term outcomes from the REST randomised trial. Thorax, 2023, 78, 767-774.	3.4	7
20	Re-analysis of ventilator-free days (VFD) in acute respiratory distress syndrome (ARDS) studies. Trials, 2023, 24, .	1.1	11
21	Effect of total cholesterol and statin therapy on mortality in ARDS patients: a secondary analysis of the SAILS and HARP-2 trials. Critical Care, 2023, 27, .	4.1	32
22	Determinants of Effect of Extracorporeal CO 2 Removal in Hypoxemic Respiratory Failure. NEJM Evidence, 2023, 2, .	5.3	31
23	Oral health care in adult intensive care units: A national point prevalence study. Nursing in Critical Care, 2023, 28, 773-780.	2.2	24
24	Opioid, sedative, preadmission medication and iatrogenic withdrawal risk in UK adult critically ill patients: a point prevalence study. International Journal of Clinical Pharmacy, 2023, 45, 1167-1175.	1.4	14
25	A reply to analysis of static parameters in retrospective studies: limitations and interpretation. Critical Care, 2023, 27, .	4.1	0
26	Delivery of a novel intervention to facilitate liberation from mechanical ventilation in paediatric intensive care: A process evaluation. PLoS ONE, 2023, 18, e0293063.	1.5	2
27	Do critical illness survivors with multimorbidity need a different model of care?. Critical Care, 2023, 27, .	4.1	43
28	Alpha 2 agonists for sedation to produce better outcomes from critical illness (A2B Trial): protocol for a multicentre phase 3 pragmatic clinical and cost-effectiveness randomised trial in the UK. BMJ Open, 2023, 13, e078645.	1.2	9
29	Inhibition of bradykinin in SARS-CoV-2 infection: a randomised, double-blind trial of icatibant compared with placebo (ICASARS). BMJ Open, 2023, 13, e074726.	1.2	0
30	Advancing precision medicine for acute respiratory distress syndrome. Lancet Respiratory Medicine,the, 2022, 10, 107-120.	15.9	196
31	“Sugar or Salt” (SOS) trial protocol summary. Journal of the Intensive Care Society, 2022, 23, 492-492.	1.0	1
32	Aspirin as a Treatment for ARDS. Chest, 2022, 161, 1275-1284.	0.8	19
33	Cathepsin S Contributes to Lung Inflammation in Acute Respiratory Distress Syndrome. American Journal of Respiratory and Critical Care Medicine, 2022, 205, 769-782.	5.0	36
34	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.	15.9	179
35	Effect of Noninvasive Respiratory Strategies on Intubation or Mortality Among Patients With Acute Hypoxemic Respiratory Failure and COVID-19. JAMA - Journal of the American Medical Association, 2022, 327, 546.	14.4	354
36	Update on the Features and Measurements of Experimental Acute Lung Injury in Animals: An Official American Thoracic Society Workshop Report. American Journal of Respiratory Cell and Molecular Biology, 2022, 66, e1-e14.	2.1	247

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37	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. The Lancet Global Health, 2022, 10, e227-e235.	9.7	45
38	A randomised trial of the effects on recruitment and retention of including a wet-ink signature and photograph in the patient invitation letter for a clinical trial: results from a Study Within a Trial (SWAT 3 and SWAT 53). F1000Research, 2022, 11, 174.	0.3	2
39	Namilumab 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. Lancet Respiratory Medicine,the, 2022, 10, 255-266.	15.9	56
40	Towards a biological definition of ARDS: are treatable traits the solution?. Intensive Care Medicine Experimental, 2022, 10, .	1.3	51
41	Whole-genome sequencing reveals host factors underlying critical COVID-19. Nature, 2022, 607, 97-103.	30.6	315
42	Management of new onset atrial fibrillation in critically unwell adult patients: a systematic review and narrative synthesis. British Journal of Anaesthesia, 2022, 128, 759-771.	3.6	29
43	Patients views on a new surveillance pathway involving allied non-medical staff for people with treated diabetic macular oedema and proliferative diabetic retinopathy. Eye, 2022, 37, 1155-1159.	1.9	1
44	Plasma neurofilament light chain protein as a predictor of days in delirium and deep sedation, mortality and length of stay in critically ill patients. EBioMedicine, 2022, 80, 104043.	6.6	30
45	Baseline plasma IL-18 may predict simvastatin treatment response in patients with ARDS: a secondary analysis of the HARP-2 randomised clinical trial. Critical Care, 2022, 26, .	4.1	33
46	Factors influencing resilience to postoperative delirium in adults undergoing elective orthopaedic surgery. British Journal of Surgery, 2022, 109, 908-911.	0.4	5
47	The Influence of Orthopedic Surgery on Circulating Metabolite Levels, and their Associations with the Incidence of Postoperative Delirium. Metabolites, 2022, 12, 616.	2.6	5
48	Acute respiratory distress syndrome in adults: diagnosis, outcomes, long-term sequelae, and management. Lancet, The, 2022, 400, 1157-1170.	46.9	388
49	Extracorporeal carbon dioxide removal in acute hypoxaemic respiratory failure: a systematic review, Bayesian meta-analysis and trial sequential analysis. European Respiratory Review, 2022, 31, 220030.	4.7	8
50	Role of immunosuppression in an antibiotic stewardship intervention and its association with clinical outcomes and antibiotic use: protocol for an observational study (RISC-sepsis). BMJ Open, 2022, 12, e068321.	1.2	8
51	Mesenchymal stromal cells for acute respiratory distress syndrome (ARDS), sepsis, and COVID-19 infection: optimizing the therapeutic potential. Expert Review of Respiratory Medicine, 2021, 15, 301-324.	1.7	58
52	Evaluation of a New Model of Care for People with Complications of Diabetic Retinopathy. Ophthalmology, 2021, 128, 561-573.	5.8	25
53	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. Intensive Care Medicine, 2021, 47, 718-719.	3.5	0
54	Interleukin-6 Receptor Antagonists in Critically Ill Patients with Covid-19. New England Journal of Medicine, 2021, 384, 1491-1502.	26.4	1,792

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55	Death in hospital following ICU discharge: insights from the LUNG SAFE study. Critical Care, 2021, 25, .	4.1	18
56	Moral distress in end-of-life decisions: A qualitative study of intensive care physicians. Journal of Critical Care, 2021, 62, 185-189.	1.0	71
57	Targeting Candida albicans in dual-species biofilms with antifungal treatment reduces Staphylococcus aureus and MRSA in vitro. PLoS ONE, 2021, 16, e0249547.	1.5	30
58	The future of acute and emergency care. Future Healthcare Journal, 2021, 8, e230-e236.	0.4	3
59	Therapeutic Anticoagulation with Heparin in Noncritically Ill Patients with Covid-19. New England Journal of Medicine, 2021, 385, 790-802.	26.4	977
60	Effect of a Sedation and Ventilator Liberation Protocol vs Usual Care on Duration of Invasive Mechanical Ventilation in Pediatric Intensive Care Units. JAMA - Journal of the American Medical Association, 2021, 326, 401.	14.4	93
61	Secreted Extracellular Cyclophilin A Is a Novel Mediator of Ventilator-induced Lung Injury. American Journal of Respiratory and Critical Care Medicine, 2021, 204, 421-430.	5.0	16
62	Therapeutic Anticoagulation with Heparin in Critically Ill Patients with Covid-19. New England Journal of Medicine, 2021, 385, 777-789.	26.4	896
63	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. JAMA - Journal of the American Medical Association, 2021, 326, 1013.	14.4	213
64	Hyperoxaemia and hypoxaemia are associated with harm in patients with ARDS. BMC Pulmonary Medicine, 2021, 21, .	1.5	24
65	Safety and Efficacy of NVX-CoV2373 Covid-19 Vaccine. New England Journal of Medicine, 2021, 385, 1172-1183.	26.4	1,039
66	Phenotypes and subphenotypes of delirium: a review of current categorisations and suggestions for progression. Critical Care, 2021, 25, .	4.1	65
67	Oral health care for the critically ill: a narrative review. Critical Care, 2021, 25, .	4.1	61
68	Mesenchymal stromal cell extracellular vesicles rescue mitochondrial dysfunction and improve barrier integrity in clinically relevant models of ARDS. European Respiratory Journal, 2021, 58, 2002978.	6.5	238
69	Outcome of acute hypoxaemic respiratory failure: insights from the LUNG SAFE Study. European Respiratory Journal, 2021, 57, 2003317.	6.5	73
70	Effect of Convalescent Plasma on Organ Support–Free Days in Critically Ill Patients With COVID-19. JAMA - Journal of the American Medical Association, 2021, 326, 1690.	14.4	211
71	Characterizing preclinical sub-phenotypic models of acute respiratory distress syndrome: An experimental ovine study. Physiological Reports, 2021, 9, .	1.1	19
72	Repair of acute respiratory distress syndrome by stromal cell administration (REALIST) trial: A phase 1 trial. EClinicalMedicine, 2021, 41, 101167.	6.6	38

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73	Promises and challenges of personalized medicine to guide ARDS therapy. Critical Care, 2021, 25, .	4.1	63
74	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. EBioMedicine, 2021, 74, 103697.	6.6	54
75	Common, low-frequency, rare, and ultra-rare coding variants contribute to COVID-19 severity. Human Genetics, 2021, 141, 147-173.	1.8	34
76	Feasibility of conservative fluid administration and deresuscitation compared with usual care in critical illness: the Role of Active Deresuscitation After Resuscitation-2 (RADAR-2) randomised clinical trial. Intensive Care Medicine, 2021, 48, 190-200.	3.5	62
77	Targeting Proteases in Cystic Fibrosis Lung Disease. Paradigms, Progress, and Potential. American Journal of Respiratory and Critical Care Medicine, 2020, 201, 141-147.	5.0	62
78	Fluid management and deresuscitation practices: A survey of critical care physicians. Journal of the Intensive Care Society, 2020, 21, 111-118.	1.0	48
79	Biomarker-guided antibiotic stewardship in suspected ventilator-associated pneumonia (VAPrapid2): a randomised controlled trial and process evaluation. Lancet Respiratory Medicine,the, 2020, 8, 182-191.	15.9	106
80	The National Institute for Health Research Critical Care Research Priority Setting Survey 2018. Journal of the Intensive Care Society, 2020, 21, 198-201.	1.0	6
81	A nebulised antitumour necrosis factor receptor-1 domain antibody in patients at risk of postoperative lung injury: A randomised, placebo-controlled pilot study. European Journal of Anaesthesiology, 2020, 37, 1014-1024.	3.4	10
82	Emerging pharmacological therapies for ARDS: COVID-19 and beyond. Intensive Care Medicine, 2020, 46, 2265-2283.	3.5	82
83	The Impact of Aging in Acute Respiratory Distress Syndrome: A Clinical and Mechanistic Overview. Frontiers in Medicine, 2020, 7, .	1.6	38
84	A minimal common outcome measure set for COVID-19 clinical research. Lancet Infectious Diseases, The, 2020, 20, e192-e197.	9.2	1,506
85	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. Trials, 2020, 21, .	1.1	37
86	Subphenotypes in critical care: translation into clinical practice. Lancet Respiratory Medicine,the, 2020, 8, 631-643.	15.9	229
87	Comparing regression and neural network techniques for personalized predictive analytics to promote lung protective ventilation in Intensive Care Units. Computers in Biology and Medicine, 2020, 126, 104030.	4.5	23
88	Effect of Hydrocortisone on Mortality and Organ Support in Patients With Severe COVID-19. JAMA - Journal of the American Medical Association, 2020, 324, 1317.	14.4	799
89	Prevalence of phenotypes of acute respiratory distress syndrome in critically ill patients with COVID-19: a prospective observational study. Lancet Respiratory Medicine,the, 2020, 8, 1209-1218.	15.9	233
90	Airway Inflammation and Host Responses in the Era of CFTR Modulators. International Journal of Molecular Sciences, 2020, 21, 6379.	3.2	54

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91	Reply to Zhang and Hei: Mesenchymal Stem Cell–derived Exosomes: Are They Another Therapeutic Method for Extracorporeal Membrane Oxygenation–supported Acute Respiratory Distress Syndrome?. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 1603-1604.	5.0	0
92	Interventions for oropharyngeal dysphagia in acute and critical care: a systematic review and meta-analysis. Intensive Care Medicine, 2020, 46, 1326-1338.	3.5	74
93	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. Trials, 2020, 21, .	1.1	28
94	Mucoactive agents for acute respiratory failure in the critically ill: a systematic review and meta-analysis. Thorax, 2020, 75, 623-631.	3.4	20
95	Relationship between norepinephrine dose, tachycardia and outcome in septic shock: A multicentre evaluation. Journal of Critical Care, 2020, 57, 185-190.	1.0	67
96	Airway clearance techniques and use of mucoactive agents for adult critically ill patients with acute respiratory failure: a qualitative study exploring UK physiotherapy practice. Physiotherapy, 2020, 108, 78-87.	1.2	18
97	Development and validation of parsimonious algorithms to classify acute respiratory distress syndrome phenotypes: a secondary analysis of randomised controlled trials. Lancet Respiratory Medicine,the, 2020, 8, 247-257.	15.9	297
98	Combined Mesenchymal Stromal Cell Therapy and Extracorporeal Membrane Oxygenation in Acute Respiratory Distress Syndrome. A Randomized Controlled Trial in Sheep. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 383-392.	5.0	30
99	Human lipopolysaccharide models provide mechanistic and therapeutic insights into systemic and pulmonary inflammation. European Respiratory Journal, 2020, 56, 1901298.	6.5	101
100	Genetic mechanisms of critical illness in COVID-19. Nature, 2020, 591, 92-98.	30.6	1,293
101	Prospective Investigation of Markers of Elevated Delirium Risk (PRIMED Risk) study protocol: a prospective, observational cohort study investigating blood and cerebrospinal fluid biomarkers for delirium and cognitive dysfunction in older patients. Wellcome Open Research, 2020, 5, 5.	0.9	2
102	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.	0.5	94
103	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.	3.5	54
104	Effectiveness of Multimodal imaging for the Evaluation of Retinal oedema And new vesseLs in Diabetic retinopathy (EMERALD). BMJ Open, 2019, 9, e027795.	1.2	7
105	Extracorporeal membrane oxygenation (ECMO) and the acute respiratory distress syndrome (ARDS): a systematic review of pre-clinical models. Intensive Care Medicine Experimental, 2019, 7, .	1.3	24
106	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, .	4.1	36
107	Emerging drugs for treating the acute respiratory distress syndrome. Expert Opinion on Emerging Drugs, 2019, 24, 29-41.	2.0	62
108	IL4Rα Signaling Abrogates Hypoxic Neutrophil Survival and Limits Acute Lung Injury Responses In Vivo. American Journal of Respiratory and Critical Care Medicine, 2019, 200, 235-246.	5.0	52

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109	Cerebrospinal Fluid Spermidine, Glutamine and Putrescine Predict Postoperative Delirium Following Elective Orthopaedic Surgery. Scientific Reports, 2019, 9, .	2.7	27
110	A Porcine Ex Vivo Lung Perfusion Model To Investigate Bacterial Pathogenesis. MBio, 2019, 10, .	3.1	29
111	Sedation AND Weaning In Children (SANDWICH): protocol for a cluster randomised stepped wedge trial. BMJ Open, 2019, 9, e031630.	1.2	17
112	A Core Outcome Set for Critical Care Ventilation Trials. Critical Care Medicine, 2019, 47, 1324-1331.	0.5	94
113	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.	2.3	46
114	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.	1.4	26
115	CSF Beta-amyloid 1–42 Concentration Predicts Delirium Following Elective Arthroplasty Surgery in an Observational Cohort Study. Annals of Surgery, 2019, 269, 1200-1205.	3.4	89
116	Automated versus non-automated weaning for reducing the duration of mechanical ventilation for critically ill adults and children. The Cochrane Library, 2018, 2018, .	1.7	27
117	High-volume haemofiltration for sepsis in adults. The Cochrane Library, 2018, 2018, .	1.7	60
118	Designing a nurse-delivered delirium bundle: What intensive care unit staff, survivors, and their families think?. Australian Critical Care, 2018, 31, 174-179.	2.1	24
119	Late mortality after acute hypoxic respiratory failure. Thorax, 2018, 73, 618-625.	3.4	32
120	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.	3.5	316
121	Deresuscitation of Patients With Iatrogenic Fluid Overload Is Associated With Reduced Mortality in Critical Illness*. Critical Care Medicine, 2018, 46, 1600-1607.	0.5	168
122	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.	15.9	70
123	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, .	4.1	35
124	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.	14.4	99
125	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.	1.0	6
126	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.	15.9	706

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127	Randomised controlled trial of GM-CSF in critically ill patients with impaired neutrophil phagocytosis. Thorax, 2018, 73, 918-925.	3.4	70
128	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, 2018, 45, 1-12.	3.5	99
129	Simvastatin pre-treatment improves survival and mitochondrial function in a 3-day fluid-resuscitated rat model of sepsis. Clinical Science, 2017, 131, 747-758.	4.1	19
130	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.	3.4	75
131	16S pan-bacterial PCR can accurately identify patients with ventilator-associated pneumonia. Thorax, 2017, 72, 1046-1048.	3.4	37
132	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.	5.0	1,425
133	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.	15.9	116
134	Keratinocyte growth factor for the treatment of the acute respiratory distress syndrome (KARE): a randomised, double-blind, placebo-controlled phase 2 trial. Lancet Respiratory Medicine,the, 2017, 5, 484-491.	15.9	80
135	Mesenchymal Stromal Cells Modulate Macrophages in Clinically Relevant Lung Injury Models by Extracellular Vesicle Mitochondrial Transfer. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 1275-1286.	5.0	732
136	Clinical trials in acute respiratory distress syndrome: challenges and opportunities. Lancet Respiratory Medicine,the, 2017, 5, 524-534.	15.9	265
137	Observational cohort study examining apolipoprotein E status and preoperative neuropsychological performance as predictors of post-operative delirium in an older elective arthroplasty population. Age and Ageing, 2017, 46, 779-786.	1.2	29
138	Evidence for chemokine synergy during neutrophil migration in ARDS. Thorax, 2017, 72, 66-73.	3.4	111
139	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.	2.1	60
140	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. Lancet Respiratory Medicine,the, 2017, 5, 727-737.	15.9	70
141	Characterisation of eppin function: expression and activity in the lung. European Respiratory Journal, 2017, 50, 1601937.	6.5	6
142	Quantifying the Effects of Prior Acetyl-Salicylic Acid on Sepsis-Related Deaths: An Individual Patient Data Meta-Analysis Using Propensity Matching*. Critical Care Medicine, 2017, 45, 1871-1879.	0.5	49
143	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.	5.0	577
144	The inflammatory response to extracorporeal membrane oxygenation (ECMO): a review of the pathophysiology. Critical Care, 2016, 20, .	4.1	756

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145	Cigarette smokers have exaggerated alveolar barrier disruption in response to lipopolysaccharide inhalation. Thorax, 2016, 71, 1130-1136.	3.4	70
146	Acute respiratory distress syndrome. Lancet, The, 2016, 388, 2416-2430.	46.9	371
147	Levosimendan for the Prevention of Acute Organ Dysfunction in Sepsis. New England Journal of Medicine, 2016, 375, 1638-1648.	26.4	353
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. Stem Cells, 2016, 34, 2210-2223.	2.7	539
149	Potentially modifiable factors contributing to outcome from acute respiratory distress syndrome: the LUNG SAFE study. Intensive Care Medicine, 2016, 42, 1865-1876.	3.5	313
150	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.	14.4	5,119
151	Exchange protein directly activated by cyclic AMP (EPAC) activation reverses neutrophil dysfunction induced by β2-agonists, corticosteroids, and critical illness. Journal of Allergy and Clinical Immunology, 2016, 137, 535-544.	4.4	30
152	Innate Lymphoid Cells Are the Predominant Source of IL-17A during the Early Pathogenesis of Acute Respiratory Distress Syndrome. American Journal of Respiratory and Critical Care Medicine, 2016, 193, 407-416.	5.0	107
153	Statin therapy for acute respiratory distress syndrome: an individual patient data meta-analysis of randomised clinical trials. Intensive Care Medicine, 2016, 43, 663-671.	3.5	39
154	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, 2016, 43, 155-170.	3.5	392
155	A randomized clinical trial of ascorbic acid in open abdominal aortic aneurysm repair. Intensive Care Medicine Experimental, 2015, 3, .	1.3	7
156	Automated versus non-automated weaning for reducing the duration of mechanical ventilation for critically ill adults and children: a cochrane systematic review and meta-analysis. Critical Care, 2015, 19, .	4.1	78
157	Aspirin therapy in patients with acute respiratory distress syndrome (ARDS) is associated with reduced intensive care unit mortality: a prospective analysis. Critical Care, 2015, 19, .	4.1	95
158	Sedation/drugs used in intensive care sedation. Current Opinion in Anaesthesiology, 2015, 28, 139-144.	1.4	12
159	Targeting Siglecs with a sialic acid–decorated nanoparticle abrogates inflammation. Science Translational Medicine, 2015, 7, .	8.7	177
160	Diagnostic accuracy of pulmonary host inflammatory mediators in the exclusion of ventilator-acquired pneumonia. Thorax, 2015, 70, 41-47.	3.4	79
161	Respiratory Infections Cause the Release of Extracellular Vesicles: Implications in Exacerbation of Asthma/COPD. PLoS ONE, 2014, 9, e101087.	1.5	32
162	The Beta Agonist Lung Injury Trial Prevention. A Randomized Controlled Trial. American Journal of Respiratory and Critical Care Medicine, 2014, 189, 674-683.	5.0	73

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163	Effect of Simvastatin on Physiological and Biological Outcomes in Patients Undergoing Esophagectomy. Annals of Surgery, 2014, 259, 26-31.	3.4	43
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