

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	COVID-19: consider cytokine storm syndromes and immunosuppression. <i>Lancet, The</i> , 2020, 395, 1033-1034.	6.3	7,677
2	Epidemiology, Patterns of Care, and Mortality for Patients With Acute Respiratory Distress Syndrome in Intensive Care Units in 50 Countries. <i>JAMA - Journal of the American Medical Association</i> , 2016, 315, 788.	3.8	3,568
3	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
4	A minimal common outcome measure set for COVID-19 clinical research. <i>Lancet Infectious Diseases, The</i> , 2020, 20, e192-e197.	4.6	1,165
5	An Official American Thoracic Society/European Society of Intensive Care Medicine/Society of Critical Care Medicine Clinical Practice Guideline: Mechanical Ventilation in Adult Patients with Acute Respiratory Distress Syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 1253-1263.	2.5	1,104
6	Genetic mechanisms of critical illness in COVID-19. <i>Nature</i> , 2021, 591, 92-98.	13.7	1,014
7	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
8	Safety and Efficacy of NVX-CoV2373 Covid-19 Vaccine. <i>New England Journal of Medicine</i> , 2021, 385, 1172-1183.	13.9	734
9	Referral to an Extracorporeal Membrane Oxygenation Center and Mortality Among Patients With Severe 2009 Influenza A(H1N1). <i>JAMA - Journal of the American Medical Association</i> , 2011, 306, 1659.	3.8	729
10	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
11	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
12	Ventilator-Associated Pneumonia Is Characterized by Excessive Release of Neutrophil Proteases in the Lung. <i>Chest</i> , 2012, 142, 1425-1432.	0.4	588
13	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
14	The statistical significance of randomized controlled trial results is frequently fragile: a case for a Fragility Index. <i>Journal of Clinical Epidemiology</i> , 2014, 67, 622-628.	2.4	504
15	The $\hat{\rho}^2$ -Agonist Lung Injury Trial (BALTI). <i>American Journal of Respiratory and Critical Care Medicine</i> , 2006, 173, 281-287.	2.5	471
16	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
17	Acute respiratory distress syndrome subphenotypes and differential response to simvastatin: secondary analysis of a randomised controlled trial. <i>Lancet Respiratory Medicine, the</i> , 2018, 6, 691-698.	5.2	455
18	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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19	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
20	Simvastatin in the Acute Respiratory Distress Syndrome. <i>New England Journal of Medicine</i> , 2014, 371, 1695-1703.	13.9	373
21	Effect of intravenous haloperidol on the duration of delirium and coma in critically ill patients (Hope-ICU): a randomised, double-blind, placebo-controlled trial. <i>Lancet Respiratory Medicine</i> , 2013, 1, 515-523.	5.2	324
22	Effect of intravenous β -2 agonist treatment on clinical outcomes in acute respiratory distress syndrome (BALTI-2): a multicentre, randomised controlled trial. <i>Lancet</i> , 2012, 379, 229-235.	6.3	307
23	Acute respiratory distress syndrome. <i>Lancet</i> , 2016, 388, 2416-2430.	6.3	306
24	Conservative fluid management or deresuscitation for patients with sepsis or acute respiratory distress syndrome following the resuscitation phase of critical illness: a systematic review and meta-analysis. <i>Intensive Care Medicine</i> , 2017, 43, 155-170.	3.9	305
25	Levosimendan for the Prevention of Acute Organ Dysfunction in Sepsis. <i>New England Journal of Medicine</i> , 2016, 375, 1638-1648.	13.9	271
26	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
27	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
28	Latent class analysis of ARDS subphenotypes: a secondary analysis of the statins for acutely injured lungs from sepsis (SAILS) study. <i>Intensive Care Medicine</i> , 2018, 44, 1859-1869.	3.9	223
29	Simvastatin Decreases Lipopolysaccharide-induced Pulmonary Inflammation in Healthy Volunteers. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009, 179, 1107-1114.	2.5	221
30	Clinical trials in acute respiratory distress syndrome: challenges and opportunities. <i>Lancet Respiratory Medicine</i> , 2017, 5, 524-534.	5.2	213
31	Clinically relevant concentrations of β -adrenergic agonists stimulate maximal cyclic adenosine monophosphate-dependent airspace fluid clearance and decrease pulmonary edema in experimental acid-induced lung injury*. <i>Critical Care Medicine</i> , 2004, 32, 1470-1476.	0.4	194
32	A Randomized Clinical Trial of Hydroxymethylglutaryl Coenzyme A Reductase Inhibition for Acute Lung Injury (The HARP Study). <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 183, 620-626.	2.5	177
33	Prevalence of phenotypes of acute respiratory distress syndrome in critically ill patients with COVID-19: a prospective observational study. <i>Lancet Respiratory Medicine</i> , 2020, 8, 1209-1218.	5.2	174
34	Whole-genome sequencing reveals host factors underlying critical COVID-19. <i>Nature</i> , 2022, 607, 97-103.	13.7	174
35	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
36	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> , 2020, 8, 247-257.	5.2	165

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37	Targeting Siglecs with a sialic acidâ€“decorated nanoparticle abrogates inflammation. <i>Science Translational Medicine</i> , 2015, 7, 303ra140.	5.8	142
38	Pharmacological treatments in ARDS; a state-of-the-art update. <i>BMC Medicine</i> , 2013, 11, 166.	2.3	138
39	Redefining critical illness. <i>Nature Medicine</i> , 2022, 28, 1141-1148.	15.2	136
40	Human mesenchymal stem cells reduce the severity of acute lung injury in a sheep model of bacterial pneumonia. <i>Thorax</i> , 2014, 69, 819-825.	2.7	133
41	Clinical grade allogeneic human mesenchymal stem cells restore alveolar fluid clearance in human lungs rejected for transplantation. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2014, 306, L809-L815.	1.3	132
42	Extravascular lung water indexed to predicted body weight is a novel predictor of intensive care unit mortality in patients with acute lung injury*. <i>Critical Care Medicine</i> , 2010, 38, 114-120.	0.4	126
43	Deresuscitation of Patients With Iatrogenic Fluid Overload Is Associated With Reduced Mortality in Critical Illness*. <i>Critical Care Medicine</i> , 2018, 46, 1600-1607.	0.4	122
44	Subphenotypes in critical care: translation into clinical practice. <i>Lancet Respiratory Medicine</i> , the, 2020, 8, 631-643.	5.2	117
45	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
46	Preliminary Results of a Prospective Randomized Trial of Restrictive Versus Standard Fluid Regime in Elective Open Abdominal Aortic Aneurysm Repair. <i>Annals of Surgery</i> , 2009, 250, 28-34.	2.1	104
47	Major differences in ICU admissions during the first and second COVID-19 wave in Germany. <i>Lancet Respiratory Medicine</i> , the, 2021, 9, e47-e48.	5.2	104
48	Accuracy of LightCyclerÂ® SeptiFast for the detection and identification of pathogens in the blood of patients with suspected sepsis: a systematic review and meta-analysis. <i>Intensive Care Medicine</i> , 2015, 41, 21-33.	3.9	98
49	Keratinocyte Growth Factor Promotes Epithelial Survival and Resolution in a Human Model of Lung Injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 189, 1520-1529.	2.5	96
50	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
51	Geo-economic variations in epidemiology, patterns of care, and outcomes in patients with acute respiratory distress syndrome: insights from the LUNG SAFE prospective cohort study. <i>Lancet Respiratory Medicine</i> , the, 2017, 5, 627-638.	5.2	93
52	Innate Lymphoid Cells Are the Predominant Source of IL-17A during the Early Pathogenesis of Acute Respiratory Distress Syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 193, 407-416.	2.5	91
53	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
54	Aspirin therapy in patients with acute respiratory distress syndrome (ARDS) is associated with reduced intensive care unit mortality: a prospective analysis. <i>Critical Care</i> , 2015, 19, 109.	2.5	85

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55	Advancing precision medicine for acute respiratory distress syndrome. <i>Lancet Respiratory Medicine</i> , 2022, 10, 107-120.	5.2	83
56	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
57	Statin Use and Risk of Delirium in the Critically Ill. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 189, 666-673.	2.5	77
58	Extracorporeal carbon dioxide removal for patients with acute respiratory failure secondary to the acute respiratory distress syndrome: a systematic review. <i>Critical Care</i> , 2014, 18, 222.	2.5	74
59	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
60	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. <i>JAMA - Journal of the American Medical Association</i> , 2018, 320, 1881.	3.8	68
61	Spontaneous Breathing in Early Acute Respiratory Distress Syndrome: Insights From the Large Observational Study to UNderstand the Global Impact of Severe Acute Respiratory Failure Study*. <i>Critical Care Medicine</i> , 2019, 47, 229-238.	0.4	68
62	The effectiveness of non-pharmacological interventions in reducing the incidence and duration of delirium in critically ill patients: a systematic review and meta-analysis. <i>Intensive Care Medicine</i> , 2019, 45, 1-12.	3.9	68
63	Bench-to-bedside review: beta2-Agonists and the acute respiratory distress syndrome. <i>Critical Care</i> , 2004, 8, 25.	2.5	66
64	Biomarker-guided antibiotic stewardship in suspected ventilator-associated pneumonia (VAPrapid2): a randomised controlled trial and process evaluation. <i>Lancet Respiratory Medicine</i> , 2020, 8, 182-191.	5.2	65
65	Decisional responsibility for mechanical ventilation and weaning: an international survey. <i>Critical Care</i> , 2011, 15, R295.	2.5	64
66	The Beta Agonist Lung Injury Trial Prevention. A Randomized Controlled Trial. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 189, 674-683.	2.5	64
67	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
68	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. <i>Critical Care</i> , 2015, 19, 48.	2.5	62
69	Extracorporeal carbon dioxide removal for lowering the risk of mechanical ventilation: research questions and clinical potential for the future. <i>Lancet Respiratory Medicine</i> , 2018, 6, 874-884.	5.2	62
70	Diagnostic accuracy of pulmonary host inflammatory mediators in the exclusion of ventilator-acquired pneumonia. <i>Thorax</i> , 2015, 70, 41-47.	2.7	59
71	Cigarette smokers have exaggerated alveolar barrier disruption in response to lipopolysaccharide inhalation. <i>Thorax</i> , 2016, 71, 1130-1136.	2.7	59
72	A Core Outcome Set for Critical Care Ventilation Trials. <i>Critical Care Medicine</i> , 2019, 47, 1324-1331.	0.4	57

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73	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
74	CSF Beta-amyloid 1 β Concentration Predicts Delirium Following Elective Arthroplasty Surgery in an Observational Cohort Study. <i>Annals of Surgery</i> , 2019, 269, 1200-1205.	2.1	56
75	Human lipopolysaccharide models provide mechanistic and therapeutic insights into systemic and pulmonary inflammation. <i>European Respiratory Journal</i> , 2020, 56, 1901298.	3.1	56
76	Unexpected Role for Adaptive $\gamma\delta$ Th17 Cells in Acute Respiratory Distress Syndrome. <i>Journal of Immunology</i> , 2015, 195, 87-95.	0.4	53
77	Emerging pharmacological therapies for ARDS: COVID-19 and beyond. <i>Intensive Care Medicine</i> , 2020, 46, 2265-2283.	3.9	52
78	Selenium in critical illness. <i>Current Opinion in Critical Care</i> , 2006, 12, 136-141.	1.6	51
79	Moral distress in end-of-life care in the intensive care unit. <i>Journal of Advanced Nursing</i> , 2013, 69, 1869-1880.	1.5	48
80	Treatment of Acute Lung Injury: Current and Emerging Pharmacological Therapies. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2013, 34, 487-498.	0.8	47
81	Core Outcomes in Ventilation Trials (COVENT): protocol for a core outcome set using a Delphi survey with a nested randomised trial and observational cohort study. <i>Trials</i> , 2015, 16, 368.	0.7	47
82	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
83	Rapid detection of health-care-associated bloodstream infection in critical care using multipathogen real-time polymerase chain reaction technology: a diagnostic accuracy study and systematic review. <i>Health Technology Assessment</i> , 2015, 19, 1-142.	1.3	46
84	Emerging drugs for treating the acute respiratory distress syndrome. <i>Expert Opinion on Emerging Drugs</i> , 2019, 24, 29-41.	1.0	44
85	Non-invasive respiratory support strategies in COVID-19. <i>Lancet Respiratory Medicine</i> , 2021, 9, 553-556.	5.2	44
86	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
87	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
88	Effect of Simvastatin on Physiological and Biological Outcomes in Patients Undergoing Esophagectomy. <i>Annals of Surgery</i> , 2014, 259, 26-31.	2.1	42
89	Effectiveness of an exercise programme on physical function in patients discharged from hospital following critical illness: a randomised controlled trial (the REVIVE trial). <i>Thorax</i> , 2017, 72, 594.1-595.	2.7	41
90	Randomised controlled trial of GM-CSF in critically ill patients with impaired neutrophil phagocytosis. <i>Thorax</i> , 2018, 73, 918-925.	2.7	41

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91	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
92	Palifermin for the protection and regeneration of epithelial tissues following injury: new findings in basic research and pre-clinical models. <i>Journal of Cellular and Molecular Medicine</i> , 2013, 17, 1065-1087.	1.6	40
93	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
94	Outcome of acute hypoxaemic respiratory failure: insights from the LUNG SAFE Study. <i>European Respiratory Journal</i> , 2021, 57, 2003317.	3.1	39
95	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
96	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
97	An efficacy and mechanism evaluation study of Levosimendan for the Prevention of Acute Organ Dysfunction in Sepsis (LeoPARDS): protocol for a randomized controlled trial. <i>Trials</i> , 2014, 15, 199.	0.7	36
98	Airway Inflammation and Host Responses in the Era of CFTR Modulators. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6379.	1.8	36
99	Evolution of the Inflammatory and Fibroproliferative Responses during Resolution and Repair after Ventilator-induced Lung Injury in the Rat. <i>Anesthesiology</i> , 2011, 115, 1022-1032.	1.3	36
100	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
101	Promises and challenges of personalized medicine to guide ARDS therapy. <i>Critical Care</i> , 2021, 25, 404.	2.5	35
102	Hypercapnic acidosis induces mitochondrial dysfunction and impairs the ability of mesenchymal stem cells to promote distal lung epithelial repair. <i>FASEB Journal</i> , 2019, 33, 5585-5598.	0.2	34
103	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
104	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
105	Levosimendan in septic shock in patients with biochemical evidence of cardiac dysfunction: a subgroup analysis of the LeoPARDS randomised trial. <i>Intensive Care Medicine</i> , 2019, 45, 1392-1400.	3.9	33
106	IL4R β Signaling Abrogates Hypoxic Neutrophil Survival and Limits Acute Lung Injury Responses <i>In Vivo</i> . <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 200, 235-246.	2.5	33
107	Homocysteine and endothelial vascular function. <i>Lancet, The</i> , 1998, 351, 1288-1289.	6.3	32
108	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

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109	Towards a biological definition of ARDS: are treatable traits the solution?. <i>Intensive Care Medicine Experimental</i> , 2022, 10, 8.	0.9	32
110	Respiratory Infections Cause the Release of Extracellular Vesicles: Implications in Exacerbation of Asthma/COPD. <i>PLoS ONE</i> , 2014, 9, e101087.	1.1	31
111	Phenotypes and subphenotypes of delirium: a review of current categorisations and suggestions for progression. <i>Critical Care</i> , 2021, 25, 334.	2.5	31
112	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
113	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
114	Biological therapies in the acute respiratory distress syndrome. <i>Expert Opinion on Biological Therapy</i> , 2014, 14, 969-981.	1.4	28
115	Exchange protein directly activated by cyclic AMP (EPAC) activation reverses neutrophil dysfunction induced by β_2 -agonists, corticosteroids, and critical illness. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 535-544.	1.5	28
116	Identifying associations between diabetes and acute respiratory distress syndrome in patients with acute hypoxemic respiratory failure: an analysis of the LUNG SAFE database. <i>Critical Care</i> , 2018, 22, 268.	2.5	28
117	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
118	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
119	Comparison of thermodilution measured extravascular lung water with chest radiographic assessment of pulmonary oedema in patients with acute lung injury. <i>Annals of Intensive Care</i> , 2013, 3, 25.	2.2	27
120	Heterogeneity of treatment effect by baseline risk of mortality in critically ill patients: re-analysis of three recent sepsis and ARDS randomised controlled trials. <i>Critical Care</i> , 2019, 23, 156.	2.5	27
121	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
122	Keratinocyte growth factor in acute lung injury to reduce pulmonary dysfunction – a randomised placebo-controlled trial (KARE): study protocol. <i>Trials</i> , 2013, 14, 51.	0.7	26
123	Late mortality after acute hypoxic respiratory failure. <i>Thorax</i> , 2018, 73, 618-625.	2.7	26
124	Impaired endothelium-dependent vasodilatation is a novel predictor of mortality in intensive care*. <i>Critical Care Medicine</i> , 2011, 39, 629-635.	0.4	25
125	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
126	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

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127	Diabetic macular oedema and diode subthreshold micropulse laser (DIAMONDS): study protocol for a randomised controlled trial. <i>Trials</i> , 2019, 20, 122.	0.7	22
128	Apples and oranges: international comparisons of COVID-19 observational studies in ICUs. <i>Lancet Respiratory Medicine</i> , 2020, 8, 952-953.	5.2	22
129	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
130	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
131	Clinical review: Statins and trauma - a systematic review. <i>Critical Care</i> , 2013, 17, 227.	2.5	21
132	A Randomized Controlled Trial of Peripheral Blood Mononuclear Cell Depletion in Experimental Human Lung Inflammation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 188, 449-455.	2.5	21
133	<sc>SMAD</sc> inhibition attenuates epithelial to mesenchymal transition by primary keratinocytes <i>in vitro</i>. <i>Experimental Dermatology</i> , 2014, 23, 497-503.	1.4	21
134	Vasoconstriction to endogenous endothelin-1 is impaired in patients with Type II diabetes mellitus. <i>Clinical Science</i> , 2000, 99, 175-179.	1.8	20
135	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
136	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
137	Hydroxymethylglutaryl-CoA reductase inhibition with simvastatin in Acute lung injury to Reduce Pulmonary dysfunction (HARP-2) trial: study protocol for a randomized controlled trial. <i>Trials</i> , 2012, 13, 170.	0.7	19
138	Acute Lung Failure. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2011, 32, 607-625.	0.8	18
139	Designing a nurse-delivered delirium bundle: What intensive care unit staff, survivors, and their families think?. <i>Australian Critical Care</i> , 2018, 31, 174-179.	0.6	18
140	Simvastatin decreases the level of heparin-binding protein in patients with acute lung injury. <i>BMC Pulmonary Medicine</i> , 2013, 13, 47.	0.8	17
141	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
142	Extracorporeal membrane oxygenation (ECMO) and the acute respiratory distress syndrome (ARDS): a systematic review of pre-clinical models. <i>Intensive Care Medicine Experimental</i> , 2019, 7, 18.	0.9	17
143	Cerebrospinal Fluid Spermidine, Glutamine and Putrescine Predict Postoperative Delirium Following Elective Orthopaedic Surgery. <i>Scientific Reports</i> , 2019, 9, 4191.	1.6	17
144	Targeting <i>Candida albicans</i> in dual-species biofilms with antifungal treatment reduces <i>Staphylococcus aureus</i> and MRSA <i>in vitro</i> . <i>PLoS ONE</i> , 2021, 16, e0249547.	1.1	17

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