

Daniel F Mcauley

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

224
papers

20,243
citations

50
h-index

141
g-index

254
ext. papers

27,994
ext. citations

12.1
avg, IF

7.44
L-index

#	Paper	IF	Citations
224	COVID-19: consider cytokine storm syndromes and immunosuppression. <i>Lancet, The</i> , 2020 , 395, 1033-1034	34	5500
223	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, 788-800	27.4	2131
222	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, 1213-1218	10.2	674
221	Interleukin-6 Receptor Antagonists in Critically Ill Patients with Covid-19. <i>New England Journal of Medicine</i> , 2021 , 384, 1491-1502	59.2	639
220	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, 1659-68	27.4	578
219	Ventilator-associated pneumonia is characterized by excessive release of neutrophil proteases in the lung. <i>Chest</i> , 2012 , 142, 1425-1432	5.3	572
218	A minimal common outcome measure set for COVID-19 clinical research. <i>Lancet Infectious Diseases, The</i> , 2020 , 20, e192-e197	25.5	497
217	Genetic mechanisms of critical illness in COVID-19. <i>Nature</i> , 2021 , 591, 92-98	50.4	451
216	The beta-agonist lung injury trial (BALTI): a randomized placebo-controlled clinical trial. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2006 , 173, 281-7	10.2	400
215	Effect of Hydrocortisone on Mortality and Organ Support in Patients With Severe COVID-19: The REMAP-CAP COVID-19 Corticosteroid Domain Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2020 , 324, 1317-1329	27.4	386
214	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, 622-8	5.7	328
213	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	10.2	322
212	The inflammatory response to extracorporeal membrane oxygenation (ECMO): a review of the pathophysiology. <i>Critical Care</i> , 2016 , 20, 387	10.8	275
211	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	10.2	269
210	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, 2210-23	5.8	266
209	Simvastatin in the acute respiratory distress syndrome. <i>New England Journal of Medicine</i> , 2014 , 371, 1695-703	39.03	261
208	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	35.1	256

207	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, 515-23	35.1	255
206	Safety and Efficacy of NVX-CoV2373 Covid-19 Vaccine. <i>New England Journal of Medicine</i> , 2021 , 385, 1172-1183	59.2	250
205	Effect of intravenous P2 agonist treatment on clinical outcomes in acute respiratory distress syndrome (BALTI-2): a multicentre, randomised controlled trial. <i>Lancet, The</i> , 2012 , 379, 229-35	40	230
204	Therapeutic Anticoagulation with Heparin in Critically Ill Patients with Covid-19. <i>New England Journal of Medicine</i> , 2021 , 385, 777-789	59.2	227
203	Acute respiratory distress syndrome. <i>Lancet, The</i> , 2016 , 388, 2416-2430	40	209
202	Therapeutic Anticoagulation with Heparin in Noncritically Ill Patients with Covid-19. <i>New England Journal of Medicine</i> , 2021 , 385, 790-802	59.2	203
201	Simvastatin decreases lipopolysaccharide-induced pulmonary inflammation in healthy volunteers. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009 , 179, 1107-14	10.2	190
200	Levosimendan for the Prevention of Acute Organ Dysfunction in Sepsis. <i>New England Journal of Medicine</i> , 2016 , 375, 1638-1648	59.2	185
199	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	14.5	171
198	Clinically relevant concentrations of beta2-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, 1470-6	1.4	166
197	Potentially modifiable factors contributing to outcome from acute respiratory distress syndrome: the LUNG SAFE study. <i>Intensive Care Medicine</i> , 2016 , 42, 1865-1876	14.5	149
196	Clinical trials in acute respiratory distress syndrome: challenges and opportunities. <i>Lancet Respiratory Medicine</i> , 2017 , 5, 524-534	35.1	140
195	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, 620-6	10.2	140
194	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	14.5	123
193	Targeting Siglecs with a sialic acid-decorated nanoparticle abrogates inflammation. <i>Science Translational Medicine</i> , 2015 , 7, 303ra140	17.5	112
192	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, L809-15	5.8	112
191	Human mesenchymal stem cells reduce the severity of acute lung injury in a sheep model of bacterial pneumonia. <i>Thorax</i> , 2014 , 69, 819-25	7.3	109
190	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, 114-20	1.4	107

189	Prevalence of phenotypes of acute respiratory distress syndrome in critically ill patients with COVID-19: a prospective observational study. <i>Lancet Respiratory Medicine, the</i> , 2020 , 8, 1209-1218	35.1	98
188	Pharmacological treatments in ARDS; a state-of-the-art update. <i>BMC Medicine</i> , 2013 , 11, 166	11.4	95
187	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	7.8	86
186	Development and validation of parsimonious algorithms to classify acute respiratory distress syndrome phenotypes: a secondary analysis of randomised controlled trials. <i>Lancet Respiratory Medicine, the</i> , 2020 , 8, 247-257	35.1	80
185	Accuracy of LightCycler(®) 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	14.5	78
184	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, 1520-9	10.2	77
183	Deresuscitation of Patients With Iatrogenic Fluid Overload Is Associated With Reduced Mortality in Critical Illness. <i>Critical Care Medicine</i> , 2018 , 46, 1600-1607	1.4	76
182	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, the</i> , 2017 , 5, 627-638	35.1	63
181	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, 407-16	10.2	63
180	Statin use and risk of delirium in the critically ill. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014 , 189, 666-73	10.2	62
179	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	10.8	59
178	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	10.8	56
177	Bench-to-bedside review: beta2-Agonists and the acute respiratory distress syndrome. <i>Critical Care</i> , 2004 , 8, 25-32	10.8	55
176	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, the</i> , 2017 , 5, 484-491	35.1	50
175	Essential care of critical illness must not be forgotten in the COVID-19 pandemic. <i>Lancet, The</i> , 2020 , 395, 1253-1254	40	50
174	The beta agonist lung injury trial prevention. A randomized controlled trial. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014 , 189, 674-83	10.2	48
173	Selenium in critical illness. <i>Current Opinion in Critical Care</i> , 2006 , 12, 136-41	3.5	48
172	Major differences in ICU admissions during the first and second COVID-19 wave in Germany. <i>Lancet Respiratory Medicine, the</i> , 2021 , 9, e47-e48	35.1	47

171	Decisional responsibility for mechanical ventilation and weaning: an international survey. <i>Critical Care</i> , 2011 , 15, R295	10.8	45
170	Diagnostic accuracy of pulmonary host inflammatory mediators in the exclusion of ventilator-acquired pneumonia. <i>Thorax</i> , 2015 , 70, 41-7	7.3	43
169	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	35.1	43
168	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	2.8	41
167	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	14.5	41
166	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	35.1	41
165	Subphenotypes in critical care: translation into clinical practice. <i>Lancet Respiratory Medicine</i> , 2020 , 8, 631-643	35.1	40
164	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	1.4	38
163	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	10.8	37
162	Unexpected Role for Adaptive Th17 Cells in Acute Respiratory Distress Syndrome. <i>Journal of Immunology</i> , 2015 , 195, 87-95	5.3	37
161	Effect of Convalescent Plasma on Organ Support-Free Days in Critically Ill Patients With COVID-19: A Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2021 , 326, 1690-1702	27.4	37
160	Moral distress in end-of-life care in the intensive care unit. <i>Journal of Advanced Nursing</i> , 2013 , 69, 1869-80	1	36
159	Cigarette smokers have exaggerated alveolar barrier disruption in response to lipopolysaccharide inhalation. <i>Thorax</i> , 2016 , 71, 1130-1136	7.3	36
158	Effect of simvastatin on physiological and biological outcomes in patients undergoing esophagectomy: a randomized placebo-controlled trial. <i>Annals of Surgery</i> , 2014 , 259, 26-31	7.8	35
157	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, 1065-87	5.6	33
156	Evolution of the inflammatory and fibroproliferative responses during resolution and repair after ventilator-induced lung injury in the rat. <i>Anesthesiology</i> , 2011 , 115, 1022-32	4.3	33
155	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	35.1	32
154	Homocysteine and endothelial vascular function. <i>Lancet</i> , 1998 , 351, 1288-9	40	30

153	Effect of Noninvasive Respiratory Strategies on Intubation or Mortality Among Patients With Acute Hypoxemic Respiratory Failure and COVID-19: The RECOVERY-RS Randomized Clinical Trial.. <i>JAMA - Journal of the American Medical Association</i> , 2022 ,	27.4	30
152	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	4.4	30
151	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: The Breathe Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2018 , 320, 1881-1889	27.4	30
150	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: The REST Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2021 , 326, 1013-1023	27.4	30
149	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	2.8	29
148	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	4.7	27
147	Treatment of acute lung injury: current and emerging pharmacological therapies. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2013 , 34, 487-98	3.9	27
146	Emerging pharmacological therapies for ARDS: COVID-19 and beyond. <i>Intensive Care Medicine</i> , 2020 , 46, 2265-2283	14.5	27
145	Randomised controlled trial of GM-CSF in critically ill patients with impaired neutrophil phagocytosis. <i>Thorax</i> , 2018 , 73, 918-925	7.3	26
144	A Core Outcome Set for Critical Care Ventilation Trials. <i>Critical Care Medicine</i> , 2019 , 47, 1324-1331	1.4	26
143	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, 594-595	7.3	25
142	Respiratory infections cause the release of extracellular vesicles: implications in exacerbation of asthma/COPD. <i>PLoS ONE</i> , 2014 , 9, e101087	3.7	25
141	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	0.9	25
140	CSF Beta-amyloid 1-42 Concentration Predicts Delirium Following Elective Arthroplasty Surgery in an Observational Cohort Study. <i>Annals of Surgery</i> , 2019 , 269, 1200-1205	7.8	24
139	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	10.2	24
138	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	14.5	23
137	Emerging drugs for treating the acute respiratory distress syndrome. <i>Expert Opinion on Emerging Drugs</i> , 2019 , 24, 29-41	3.7	23
136	Exchange protein directly activated by cyclic AMP (EPAC) activation reverses neutrophil dysfunction induced by β -agonists, corticosteroids, and critical illness. <i>Journal of Allergy and Clinical Immunology</i> , 2016 , 137, 535-44	11.5	23

135	Non-invasive respiratory support strategies in COVID-19. <i>Lancet Respiratory Medicine</i> , 2021 , 9, 553-556.	5.1	23
134	IL4Rβ Signaling Abrogates Hypoxic Neutrophil Survival and Limits Acute Lung Injury Responses. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 200, 235-246	10.2	22
133	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	2.8	22
132	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	1.4	22
131	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	8.9	21
130	Impaired endothelium-dependent vasodilatation is a novel predictor of mortality in intensive care. <i>Critical Care Medicine</i> , 2011 , 39, 629-35	1.4	21
129	Biological therapies in the acute respiratory distress syndrome. <i>Expert Opinion on Biological Therapy</i> , 2014 , 14, 969-81	5.4	20
128	Vasoconstriction to endogenous endothelin-1 is impaired in patients with Type II diabetes mellitus. <i>Clinical Science</i> , 2000 , 99, 175-179	6.5	20
127	Interventions for oropharyngeal dysphagia in acute and critical care: a systematic review and meta-analysis. <i>Intensive Care Medicine</i> , 2020 , 46, 1326-1338	14.5	19
126	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	2.8	19
125	SMAD inhibition attenuates epithelial to mesenchymal transition by primary keratinocytes in vitro. <i>Experimental Dermatology</i> , 2014 , 23, 497-503	4	18
124	Current practice in the management of new-onset atrial fibrillation in critically ill patients: a UK-wide survey. <i>PeerJ</i> , 2017 , 5, e3716	3.1	17
123	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,	13.6	17
122	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, 107	2.8	17
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	10.2	17
120	Human lipopolysaccharide models provide mechanistic and therapeutic insights into systemic and pulmonary inflammation. <i>European Respiratory Journal</i> , 2020 , 56,	13.6	17
119	Late mortality after acute hypoxic respiratory failure. <i>Thorax</i> , 2017 ,	7.3	17
118	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	14.5	16

117	Simvastatin decreases the level of heparin-binding protein in patients with acute lung injury. <i>BMC Pulmonary Medicine</i> , 2013 , 13, 47	3.5	16
116	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, 449-55	10.2	16
115	Clinical review: Statins and trauma--a systematic review. <i>Critical Care</i> , 2013 , 17, 227	10.8	15
114	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	2.8	15
113	Acute lung failure. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2011 , 32, 607-25	3.9	15
112	An adaptive randomized controlled trial of non-invasive respiratory strategies in acute respiratory failure patients with COVID-19		15
111	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	10.8	14
110	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	10.8	14
109	Relationship between norepinephrine dose, tachycardia and outcome in septic shock: A multicentre evaluation. <i>Journal of Critical Care</i> , 2020 , 57, 185-190	4	13
108	Evaluating early administration of the hydroxymethylglutaryl-CoA reductase inhibitor simvastatin in the prevention and treatment of delirium in critically ill ventilated patients (MoDUS trial): study protocol for a randomized controlled trial. <i>Trials</i> , 2015 , 16, 218	2.8	13
107	Decreased respiratory system compliance on the sixth day of mechanical ventilation is a predictor of death in patients with established acute lung injury. <i>Respiratory Research</i> , 2011 , 12, 52	7.3	13
106	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	10.2	13
105	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	3	12
104	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	3.7	12
103	Airway Inflammation and Host Responses in the Era of CFTR Modulators. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	12
102	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	3.8	12
101	Outcome of acute hypoxaemic respiratory failure: insights from the LUNG SAFE Study. <i>European Respiratory Journal</i> , 2021 , 57,	13.6	11
100	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	2.8	11

99	Fluid management and deresuscitation practices: A survey of critical care physicians. <i>Journal of the Intensive Care Society</i> , 2020 , 21, 111-118	1.6	11
98	A stepwise approach to justify phase III randomized clinical trials and enhance the likelihood of a positive result. <i>Critical Care Medicine</i> , 2010 , 38, S523-7	1.4	10
97	Effect of methionine supplementation on endothelial function, plasma homocysteine, and lipid peroxidation. <i>Journal of Toxicology: Clinical Toxicology</i> , 1999 , 37, 435-40		10
96	Advancing precision medicine for acute respiratory distress syndrome. <i>Lancet Respiratory Medicine</i> , 2021 ,	35.1	10
95	Diabetic macular oedema and diode subthreshold micropulse laser (DIAMONDS): study protocol for a randomised controlled trial. <i>Trials</i> , 2019 , 20, 122	2.8	9
94	Sedation/drugs used in intensive care sedation. <i>Current Opinion in Anaesthesiology</i> , 2015 , 28, 139-44	2.9	9
93	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	2.9	9
92	Effectiveness of a programme of exercise on physical function in survivors of critical illness following discharge from the ICU: study protocol for a randomised controlled trial (REVIVE). <i>Trials</i> , 2014 , 15, 146	2.8	9
91	Sources of inaccuracy in the use of the Hawksley random-zero sphygmomanometer. <i>Journal of Hypertension</i> , 1997 , 15, 1379-84	1.9	9
90	Apples and oranges: international comparisons of COVID-19 observational studies in ICUs. <i>Lancet Respiratory Medicine</i> , 2020 , 8, 952-953	35.1	9
89	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	3.7	9
88	Effect of a Sedation and Ventilator Liberation Protocol vs Usual Care on Duration of Invasive Mechanical Ventilation in Pediatric Intensive Care Units: A Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2021 , 326, 401-410	27.4	9
87	Fluid strategies and outcomes in patients with acute respiratory distress syndrome, systemic inflammatory response syndrome and sepsis: a protocol for a systematic review and meta-analysis. <i>Systematic Reviews</i> , 2015 , 4, 162	3	8
86	Type XVIII collagen degradation products in acute lung injury. <i>Critical Care</i> , 2009 , 13, R52	10.8	8
85	New flow cytometric technique for the evaluation of circulating endothelial progenitor cell levels in various disease groups. <i>Journal of Immunological Methods</i> , 2006 , 316, 107-15	2.5	8
84	Sedation AND Weaning In Children (SANDWICH): protocol for a cluster randomised stepped wedge trial. <i>BMJ Open</i> , 2019 , 9, e031630	3	8
83	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	7.3	8
82	Whole genome sequencing reveals host factors underlying critical Covid-19.. <i>Nature</i> , 2022 ,	50.4	8

81	Simvastatin pre-treatment improves survival and mitochondrial function in a 3-day fluid-resuscitated rat model of sepsis. <i>Clinical Science</i> , 2017 , 131, 747-758	6.5	7
80	Cerebrospinal Fluid Spermidine, Glutamine and Putrescine Predict Postoperative Delirium Following Elective Orthopaedic Surgery. <i>Scientific Reports</i> , 2019 , 9, 4191	4.9	7
79	Hyperhomocysteinaemia in young adults is not associated with impaired endothelial function. <i>Clinical Science</i> , 2001 , 100, 67	6.5	7
78	The effect on endothelial function of vitamin C during methionine induced hyperhomocysteinaemia. <i>BMC Cardiovascular Disorders</i> , 2001 , 1, 1	2.3	7
77	Moral distress in end-of-life decisions: A qualitative study of intensive care physicians. <i>Journal of Critical Care</i> , 2021 , 62, 185-189	4	7
76	Corticosteroids in acute respiratory distress syndrome: a step forward, but more evidence is needed. <i>Lancet Respiratory Medicine</i> , 2020 , 8, 220-222	35.1	6
75	Is there a need for emerging drugs for the acute respiratory distress syndrome?. <i>Expert Opinion on Emerging Drugs</i> , 2014 , 19, 323-8	3.7	6
74	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> , 2021 ,	35.1	6
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