

# Epidemiology, Patterns of Care, and Mortality for Patient Syndrome in Intensive Care Units in 50 Countries

JAMA - Journal of the American Medical Association

315, 788

DOI: [10.1001/jama.2016.0291](https://doi.org/10.1001/jama.2016.0291)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Respiratory Disorders: Acute Respiratory Distress Syndrome. , 0, , 365-371.		1
2	Prone position for acute respiratory failure in adults. The Cochrane Library, 2020, 2020, CD008095.	1.5	118
3	Mass Spectrometry-based Proteomics in Acute Respiratory Distress Syndrome. Chinese Medical Journal, 2016, 129, 2357-2364.	0.9	11
4	On the complexity of scoring acute respiratory distress syndrome: do not forget hemodynamics!. Journal of Thoracic Disease, 2016, 8, E758-E764.	0.6	7
5	Detection of patient-ventilator asynchrony should be improved: and then what?. Journal of Thoracic Disease, 2016, 8, E1661-E1664.	0.6	3
6	The Kigali modification of the berlin definition: a new epidemiological tool for ARDS?. Journal of Thoracic Disease, 2016, 8, E443-E445.	0.6	14
7	A mortality score for acute respiratory distress syndrome: predicting the future without a crystal ball. Journal of Thoracic Disease, 2016, 8, 1872-1876.	0.6	12
8	Mechanical ventilation in acute respiratory distress syndrome at ATS 2016: the search for a patient-specific strategy. Journal of Thoracic Disease, 2016, 8, S550-S552.	0.6	5
9	Noninvasive ventilation for acute respiratory distress syndrome: the importance of ventilator settings. Journal of Thoracic Disease, 2016, 8, E982-E986.	0.6	14
10	Acute respiratory distress syndrome and mechanical ventilation: ups and downs of an ongoing relationship trap. Journal of Thoracic Disease, 2016, 8, E1608-E1609.	0.6	3
11	Aspirin for prevention of acute respiratory distress syndrome (ARDS): letâ€™s not throw the baby with the water!. Annals of Translational Medicine, 2016, 4, 376-376.	0.7	5
12	Activation of Coagulation and Fibrinolysis in Acute Respiratory Distress Syndrome: A Prospective Pilot Study. Frontiers in Medicine, 2016, 3, 64.	1.2	65
13	Relevant Outcomes in Pediatric Acute Respiratory Distress Syndrome Studies. Frontiers in Pediatrics, 2016, 4, 51.	0.9	38
14	N-Ethylmaleimide Sensitive Factor (NSF) Inhibition Prevents Vascular Instability following Gram-Positive Pulmonary Challenge. PLoS ONE, 2016, 11, e0157837.	1.1	5
15	Recent insights: mesenchymal stromal/stem cell therapy for acute respiratory distress syndrome. F1000Research, 2016, 5, 1532.	0.8	22
16	High-density Lipoproteins and Apolipoprotein A-I: Potential New Players in the Prevention and Treatment of Lung Disease. Frontiers in Pharmacology, 2016, 7, 323.	1.6	79
17	Pharmacological treatment versus acute lung injury/acute respiratory distress syndrome â€™ reflections from the clinical perspective and yacht racing (and more). Acta Anaesthesiologica Scandinavica, 2016, 60, 693-696.	0.7	1
18	Open lung approach ventilation abolishes the negative effects of respiratory rate in experimental lung injury. Acta Anaesthesiologica Scandinavica, 2016, 60, 1131-1141.	0.7	12

#	ARTICLE	IF	CITATIONS
19	Dead space in acute respiratory distress syndrome: more than a feeling!. Critical Care, 2016, 20, 214.	2.5	3
20	Effect of driving pressure on mortality in ARDS patients during lung protective mechanical ventilation in two randomized controlled trials. Critical Care, 2016, 20, 384.	2.5	161
21	Variable ventilation improves pulmonary function and reduces lung damage without increasing bacterial translocation in a rat model of experimental pneumonia. Respiratory Research, 2016, 17, 158.	1.4	10
22	Neutrophils promote alveolar epithelial regeneration by enhancing type II pneumocyte proliferation in a model of acid-induced acute lung injury. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 311, L1062-L1075.	1.3	50
23	Nur77 attenuates endothelin-1 expression via downregulation of NF- $\kappa$ B and p38 MAPK in A549 cells and in an ARDS rat model. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 311, L1023-L1035.	1.3	39
24	Blocking triggering receptor expressed on myeloid cells-1 attenuates lipopolysaccharide-induced acute lung injury via inhibiting NLRP3 inflammasome activation. Scientific Reports, 2016, 6, 39473.	1.6	67
25	Acute respiratory distress syndrome. Clinical Medicine, 2016, 16, s66-s70.	0.8	22
26	Lung Injury Prediction Score in Hospitalized Patients at Risk of Acute Respiratory Distress Syndrome. Critical Care Medicine, 2016, 44, 2182-2191.	0.4	42
27	Perioperative complications of obese patients. Current Opinion in Critical Care, 2016, 22, 401-405.	1.6	6
28	Syndr�me de d�tresse respiratoire aigu� : actualit�s �pid�miologiques et th�rapeutiques. Revue Des Maladies Respiratoires Actualites, 2016, 8, 303-306.	0.0	0
29	Place de la ventilation non invasive au cours de lâ€™insuffisance respiratoire aigu� hypox�mique. Revue Des Maladies Respiratoires Actualites, 2016, 8, 299-302.	0.0	0
30	Endotoxin�and Mechanical Stress�Induced Epigenetic Changes in the Regulation of the Nicotinamide Phosphoribosyltransferase Promoter. Pulmonary Circulation, 2016, 6, 539-544.	0.8	23
31	Imaging in acute respiratory distress syndrome. Intensive Care Medicine, 2016, 42, 686-698.	3.9	104
32	Does my patient really have ARDS?. Intensive Care Medicine, 2016, 42, 656-658.	3.9	8
33	Adjuvants to mechanical ventilation for acute respiratory distress syndrome. Intensive Care Medicine, 2016, 42, 775-778.	3.9	6
34	Experts� opinion on management of hemodynamics in ARDS patients: focus on the effects of mechanical ventilation. Intensive Care Medicine, 2016, 42, 739-749.	3.9	221
35	Personalized medicine for ARDS: the 2035 research agenda. Intensive Care Medicine, 2016, 42, 756-767.	3.9	58
36	The Berlin definition met our needs: not sure. Intensive Care Medicine, 2016, 42, 651-652.	3.9	3

#	ARTICLE	IF	CITATIONS
37	Unmasking a Role for Noninvasive Ventilation in Early Acute Respiratory Distress Syndrome. JAMA - Journal of the American Medical Association, 2016, 315, 2401.	3.8	11
38	The standard of care of patients with ARDS: ventilatory settings and rescue therapies for refractory hypoxemia. Intensive Care Medicine, 2016, 42, 699-711.	3.9	176
39	Disease-specific dynamic biomarkers selected by integrating inflammatory mediators with clinical informatics in ARDS patients with severe pneumonia. Cell Biology and Toxicology, 2016, 32, 169-184.	2.4	75
40	Acute respiratory distress syndrome. Lancet, The, 2016, 388, 2416-2430.	6.3	306
41	Clinical challenges in mechanical ventilation. Lancet, The, 2016, 387, 1856-1866.	6.3	107
42	Effect of Aspirin on Development of ARDS in At-Risk Patients Presenting to the Emergency Department. JAMA - Journal of the American Medical Association, 2016, 315, 2406.	3.8	194
43	Effect of Noninvasive Ventilation Delivered by Helmet vs Face Mask on the Rate of Endotracheal Intubation in Patients With Acute Respiratory Distress Syndrome. JAMA - Journal of the American Medical Association, 2016, 315, 2435.	3.8	439
44	The LUNG SAFE study: a presentation of the prevalence of ARDS according to the Berlin Definition!. Critical Care, 2016, 20, 268.	2.5	59
45	Early mobilization of mechanically ventilated patients in the intensive care unit. Journal of Intensive Care, 2016, 4, 50.	1.3	38
46	Effect of Tidal Volume Size and Its Delivery Mode on Patient's Ventilator Dyssynchrony. Annals of the American Thoracic Society, 2016, 13, 2207-2214.	1.5	16
47	Molecular mechanisms underlying hyperoxia acute lung injury. Respiratory Medicine, 2016, 119, 23-28.	1.3	76
48	Whole blood microRNAs as a prognostic classifier for acute respiratory distress syndrome 28-day mortality. Intensive Care Medicine, 2016, 42, 1824-1825.	3.9	7
49	Clinical predictors of early acute respiratory distress syndrome in trauma patients. American Journal of Surgery, 2016, 212, 1096-1100.	0.9	17
50	ESICM LIVES 2016: part one. Intensive Care Medicine Experimental, 2016, 4, .	0.9	5
51	Challenges with PRONE ventilation in ARDS patients: response to comments by Chertoff. Intensive Care Medicine, 2016, 42, 2124-2125.	3.9	0
52	Epidemiological characteristics, practice of ventilation, and clinical outcome in patients at risk of acute respiratory distress syndrome in intensive care units from 16 countries (PROVENT): an international, multicentre, prospective study. Lancet Respiratory Medicine, the, 2016, 4, 882-893.	5.2	137
53	Can You Read Me Now? Unlocking Narrative Data with Natural Language Processing. Annals of the American Thoracic Society, 2016, 13, 1443-1445.	1.5	6
54	Natural Language Processing to Assess Documentation of Features of Critical Illness in Discharge Documents of Acute Respiratory Distress Syndrome Survivors. Annals of the American Thoracic Society, 2016, 13, 1538-1545.	1.5	25

#	ARTICLE	IF	CITATIONS
55	Biotrauma and Ventilator-Induced Lung Injury. <i>Chest</i> , 2016, 150, 1109-1117.	0.4	176
56	Rationale and Description of Right Ventricle-Protective Ventilation in ARDS. <i>Respiratory Care</i> , 2016, 61, 1391-1396.	0.8	67
57	Prospects and progress in cell therapy for acute respiratory distress syndrome. <i>Expert Opinion on Biological Therapy</i> , 2016, 16, 1353-1360.	1.4	30
58	16 Years and Counting? Time to Implement Noninvasive Screening for ARDS. <i>Chest</i> , 2016, 150, 266-267.	0.4	1
59	Bedside assessment of the effects of positive end-expiratory pressure on lung inflation and recruitment by the helium dilution technique and electrical impedance tomography. <i>Intensive Care Medicine</i> , 2016, 42, 1576-1587.	3.9	78
60	Imaging of Acute Lung Injury. <i>Radiologic Clinics of North America</i> , 2016, 54, 1119-1132.	0.9	41
61	Severe community-acquired pneumonia: timely management measures in the first 24 hours. <i>Critical Care</i> , 2016, 20, 237.	2.5	54
62	The efficacy of bedside chest ultrasound: from accuracy to outcomes. <i>European Respiratory Review</i> , 2016, 25, 230-246.	3.0	49
63	Utility of surgical lung biopsy in critically ill patients with diffuse pulmonary infiltrates: a retrospective review. <i>Internal Medicine Journal</i> , 2016, 46, 1306-1310.	0.5	8
64	Prediction of non-recovery from ventilator-demanding acute respiratory failure, ARDS and death using lung damage biomarkers: data from a 1200-patient critical care randomized trial. <i>Annals of Intensive Care</i> , 2016, 6, 114.	2.2	14
65	Care for ARDS in 2016: room to improve. <i>Lancet Respiratory Medicine</i> , 2016, 4, 936-937.	5.2	5
66	Unreliable Syndromes, Unreliable Studies. <i>Annals of the American Thoracic Society</i> , 2016, 13, 1010-1011.	1.5	3
67	Patient Safety. <i>Critical Care Nursing Clinics of North America</i> , 2016, 28, 451-462.	0.4	14
69	Extracorporeal Membrane Oxygenation for ARDS: National Trends in the United States 2008-2012. <i>Respiratory Care</i> , 2016, 61, 1293-1298.	0.8	23
70	Incidence of Acute Respiratory Distress Syndrome. <i>JAMA - Journal of the American Medical Association</i> , 2016, 316, 346.	3.8	4
71	Incidence of Acute Respiratory Distress Syndrome. <i>JAMA - Journal of the American Medical Association</i> , 2016, 316, 347.	3.8	3
72	Recruitment manoeuvres for adults with acute respiratory distress syndrome receiving mechanical ventilation. <i>The Cochrane Library</i> , 2018, 2018, CD006667.	1.5	42
73	You neglected a few. <i>Intensive Care Medicine</i> , 2016, 42, 2123-2123.	3.9	1

#	ARTICLE	IF	CITATIONS
74	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
75	Should Early Prone Positioning Be a Standard of Care in ARDS With Refractory Hypoxemia? Wrong Question. <i>Respiratory Care</i> , 2016, 61, 1564-1564.	0.8	0
76	Frequency of Research in ARDS: Why Is Acute Respiratory Distress Syndrome So Important for Critical Care?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 194, 1051-1052.	2.5	15
77	ARDS - eine Herausforderung der Intensivmedizin. <i>Karger Kompass Pneumologie</i> , 2016, 4, 186-188.	0.0	0
78	Early Regional Inflammation. <i>Anesthesiology</i> , 2016, 125, 838-840.	1.3	1
79	ARDS, up close and personal. <i>Thorax</i> , 2016, 71, 1073-1075.	2.7	2
80	Inhaled nitric oxide and the risk of renal dysfunction in patients with acute respiratory distress syndrome: a propensity-matched cohort study. <i>Critical Care</i> , 2016, 20, 389.	2.5	31
81	Why is prone positioning so unpopular?. <i>Journal of Intensive Care</i> , 2016, 4, 70.	1.3	8
82	Defining ICU Structure and Process. <i>Critical Care Medicine</i> , 2016, 44, 1952-1953.	0.4	2
83	Pediatric Acute Kidney Injury. <i>Pediatric Critical Care Medicine</i> , 2016, 17, 808-810.	0.2	1
84	Incidence, risk factors, and mortality associated with acute respiratory distress syndrome in combat casualty care. <i>Journal of Trauma and Acute Care Surgery</i> , 2016, 81, S150-S156.	1.1	25
85	Lung ultrasonography for assessment of oxygenation response to prone position ventilation in ARDS. <i>Intensive Care Medicine</i> , 2016, 42, 1546-1556.	3.9	97
86	Lung-Kidney Cross-Talk in the Critically Ill Patient. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 194, 402-414.	2.5	181
87	Toward Smarter Lumping and Smarter Splitting: Rethinking Strategies for Sepsis and Acute Respiratory Distress Syndrome Clinical Trial Design. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 194, 147-155.	2.5	260
88	The LUNG SAFE: a biased presentation of the prevalence of ARDS!. <i>Critical Care</i> , 2016, 20, 108.	2.5	23
89	Evidence for a causal link between sepsis and long-term mortality: a systematic review of epidemiologic studies. <i>Critical Care</i> , 2016, 20, 101.	2.5	87
90	Hypercapnic acidosis attenuates pulmonary epithelial stretch-induced injury via inhibition of the canonical NF- $\kappa$ B pathway. <i>Intensive Care Medicine Experimental</i> , 2016, 4, 8.	0.9	18
91	Aspergillus-positive lower respiratory tract samples in patients with the acute respiratory distress syndrome: a 10-year retrospective study. <i>Annals of Intensive Care</i> , 2016, 6, 52.	2.2	27

#	ARTICLE	IF	CITATIONS
92	The German ECMO inflation: when things other than health and care begin to rule medicine. <i>Intensive Care Medicine</i> , 2016, 42, 1264-1266.	3.9	34
93	Diagnostic workup for ARDS patients. <i>Intensive Care Medicine</i> , 2016, 42, 674-685.	3.9	89
94	Dexmedetomidine: Superiority trials needed? Reply. <i>Anaesthesia, Critical Care &amp; Pain Medicine</i> , 2016, 35, 239.	0.6	0
95	Non-invasive ventilation in hypoxemic acute respiratory failure: is it still possible?. <i>Intensive Care Medicine</i> , 2017, 43, 243-245.	3.9	4
97	Pronóstico a corto y largo plazo de los pacientes crónicos ingresados en la Unidad de Cuidados Intensivos desde el Servicio de Urgencias de un hospital terciario. <i>Medicina Clínica</i> , 2017, 148, 197-203.	0.3	7
98	Frequency of Research in ARDS. Is Acute Respiratory Distress Syndrome a Preventable Disease?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 725-736.	2.5	128
99	What PEEP level should I use in my patient?. <i>Medicina Intensiva</i> , 2017, 41, 267-269.	0.4	5
101	Frequency of Research in ARDS. Insight into Acute Respiratory Distress Syndrome. From Models to Patients. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 196, 18-28.	2.5	55
102	Does training improve diagnostic accuracy and inter-rater agreement in applying the Berlin radiographic definition of acute respiratory distress syndrome? A multicenter prospective study. <i>Critical Care</i> , 2017, 21, 12.	2.5	35
103	Frequency of Research in ARDS. The Epidemiology of Acute Respiratory Distress Syndrome. A 50th Birthday Review. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 860-870.	2.5	191
104	Ventilation-induced lung injury exists in spontaneously breathing patients with acute respiratory failure: No. <i>Intensive Care Medicine</i> , 2017, 43, 253-255.	3.9	2
105	The Year in Cardiothoracic Critical Care: Selected Highlights From 2016. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2017, 31, 399-406.	0.6	1
106	Bedside Contribution of Electrical Impedance Tomography to Setting Positive End-Expiratory Pressure for Extracorporeal Membrane Oxygenation-treated Patients with Severe Acute Respiratory Distress Syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 196, 447-457.	2.5	116
107	Physiological closed-loop control of mechanical ventilation and extracorporeal membrane oxygenation. <i>Biomedizinische Technik</i> , 2017, 62, 199-212.	0.9	3
108	Mechanical ventilation in acute respiratory distress syndrome: The open lung revisited. <i>Medicina Intensiva</i> , 2017, 41, 550-558.	0.4	12
109	Could Noninvasive Ventilation Failure Rates Be Underestimated in the LUNG SAFE Study?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 196, 395-396.	2.5	4
110	Reply: "Could Noninvasive Ventilation Failure Rates Be Underestimated in the LUNG SAFE Study?" and "High-Flow Oxygen, Positive End-Expiratory Pressure, and the Berlin Definition of Acute Respiratory Distress Syndrome: Are They Mutually Exclusive?" <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 196, 397-398.	2.5	0
111	Some remaining important questions after LUNG SAFE. <i>Intensive Care Medicine</i> , 2017, 43, 598-599.	3.9	3

#	ARTICLE	IF	CITATIONS
112	Mechanisms that determine nanocarrier targeting to healthy versus inflamed lung regions. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 1495-1506.	1.7	34
113	Optimal Strategies for Severe Acute Respiratory Distress Syndrome. <i>Critical Care Clinics</i> , 2017, 33, 259-275.	1.0	23
114	Intraperitoneal adoptive transfer of mesenchymal stem cells enhances recovery from acid aspiration acute lung injury in mice. <i>Intensive Care Medicine Experimental</i> , 2017, 5, 13.	0.9	10
115	Opening pressures and atelectrauma in acute respiratory distress syndrome. <i>Intensive Care Medicine</i> , 2017, 43, 603-611.	3.9	96
116	Evidence or belief-based medicine? Ten doubts. <i>Intensive Care Medicine</i> , 2017, 43, 1392-1394.	3.9	2
117	Prone positioning in acute respiratory distress syndrome after abdominal surgery: a multicenter retrospective study. <i>Annals of Intensive Care</i> , 2017, 7, 21.	2.2	19
119	The natural product bergenin ameliorates lipopolysaccharide-induced acute lung injury by inhibiting NF-kappaB activation. <i>Journal of Ethnopharmacology</i> , 2017, 200, 147-155.	2.0	53
120	Effect of cholesterol on the molecular structure and transitions in a clinical-grade lung surfactant extract. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E3592-E3601.	3.3	34
121	Ex Vivo Lung Perfusion Rehabilitates Sepsis-Induced Lung Injury. <i>Annals of Thoracic Surgery</i> , 2017, 103, 1723-1729.	0.7	16
122	2016 Year in Review: Mechanical Ventilation. <i>Respiratory Care</i> , 2017, 62, 629-635.	0.8	21
123	Features of Research in ARDS. Gas Exchange in Acute Respiratory Distress Syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 196, 964-984.	2.5	106
124	Protection by Inhaled Hydrogen Therapy in a Rat Model of Acute Lung Injury can be Tracked in vivo Using Molecular Imaging. <i>Shock</i> , 2017, 48, 467-476.	1.0	20
125	Individual patient data analysis of tidal volumes used in three large randomized control trials involving patients with acute respiratory distress syndrome. <i>British Journal of Anaesthesia</i> , 2017, 118, 570-575.	1.5	15
126	Driving Pressure—The Emperor's New Clothes*. <i>Critical Care Medicine</i> , 2017, 45, 919-920.	0.4	6
127	Extracorporeal Membrane Oxygenation Support Following Stem Cell Transplant—When Is All That We Have Still Not Enough?*. <i>Critical Care Medicine</i> , 2017, 45, 925-926.	0.4	8
128	Calcitonin gene-related peptide protects type II alveolar epithelial cells from hyperoxia-induced DNA damage and cell death. <i>Experimental and Therapeutic Medicine</i> , 2017, 13, 1279-1284.	0.8	11
129	Steroids and $\beta$ -Agonists in Acute Respiratory Distress Syndrome. <i>Critical Care Medicine</i> , 2017, 45, 914-915.	0.4	2
130	Therapeutic blockade of CD54 attenuates pulmonary barrier damage in T cell-induced acute lung injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017, 313, L177-L191.	1.3	14



#	ARTICLE	IF	CITATIONS
131	Systematic review and meta-analysis of complications and mortality of veno-venous extracorporeal membrane oxygenation for refractory acute respiratory distress syndrome. <i>Annals of Intensive Care</i> , 2017, 7, 51.	2.2	175
132	Response. <i>Chest</i> , 2017, 151, 1185-1186.	0.4	0
133	Whatâ€™s in a Number? Platelet Count Dynamics as a Novel Mediator of Acute Respiratory Distress Syndrome Survival. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 1285-1287.	2.5	1
134	Preadmission Oral Corticosteroids Are Associated With Reduced Risk of Acute Respiratory Distress Syndrome in Critically Ill Adults With Sepsis*. <i>Critical Care Medicine</i> , 2017, 45, 774-780.	0.4	14
135	Implementing a bedside assessment of respiratory mechanics in patients with acute respiratory distress syndrome. <i>Critical Care</i> , 2017, 21, 84.	2.5	35
136	Future Years of Research in ARDS. Genomic Contributions and Opportunities. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 196, 1113-1121.	2.5	52
137	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
138	Coinfection and Mortality in Pneumonia-Related Acute Respiratory Distress Syndrome Patients with Bronchoalveolar Lavage. <i>Shock</i> , 2017, 47, 615-620.	1.0	21
139	Robustness of two different methods of monitoring respiratory system compliance during mechanical ventilation. <i>Medical and Biological Engineering and Computing</i> , 2017, 55, 1819-1828.	1.6	5
140	Acute Respiratory Distress Syndrome (ARDS): Definition, Incidence, and Outcome. , 2017, , 1-13.		2
141	Pharmacological Interventions: Neuromuscular Blocking Agents. , 2017, , 189-200.		0
142	Noninvasive Ventilatory Support in Acute Respiratory Distress Syndrome. , 2017, , 245-262.		0
143	Stem Cells and Their Immunomodulatory Potential for the Treatment of ARDS. , 2017, , 273-290.		0
144	Pulmonary Infections in Acute Respiratory Distress Syndrome. , 2017, , 341-360.		0
145	Ventilation Strategies: Tidal Volume and PEEP. , 2017, , 29-39.		1
146	Partial or Total Extracorporeal Support. , 2017, , 85-111.		0
147	Hemodynamic Monitoring and Fluid Management in ARDS. , 2017, , 113-131.		0
148	Weaning in ARDS. , 2017, , 133-153.		0

#	ARTICLE	IF	CITATIONS
149	Early measurement of IL-10 predicts the outcomes of patients with acute respiratory distress syndrome receiving extracorporeal membrane oxygenation. <i>Scientific Reports</i> , 2017, 7, 1021.	1.6	27
150	Plasma Neutrophil Elastase and Elafin as Prognostic Biomarker for Acute Respiratory Distress Syndrome. <i>Shock</i> , 2017, 48, 168-174.	1.0	32
151	“Permissive” hypercapnia in ARDS: is it passé?. <i>Intensive Care Medicine</i> , 2017, 43, 952-953.	3.9	4
152	Extracorporeal membrane oxygenation (ECMO) as a treatment strategy for severe acute respiratory distress syndrome (ARDS) in the low tidal volume era: A systematic review. <i>Journal of Critical Care</i> , 2017, 41, 64-71.	1.0	21
153	Acute respiratory distress syndrome. <i>European Respiratory Review</i> , 2017, 26, 160116.	3.0	147
154	Identification and validation of distinct biological phenotypes in patients with acute respiratory distress syndrome by cluster analysis. <i>Thorax</i> , 2017, 72, 876-883.	2.7	202
155	Characteristics and Outcome of Patients After Allogeneic Hematopoietic Stem Cell Transplantation Treated With Extracorporeal Membrane Oxygenation for Acute Respiratory Distress Syndrome*. <i>Critical Care Medicine</i> , 2017, 45, e500-e507.	0.4	64
156	Clinical practice of acute respiratory distress syndrome in Japan: A nationwide survey and scientific evidences. <i>Respiratory Investigation</i> , 2017, 55, 257-263.	0.9	11
157	Novel translational approaches to the search for precision therapies for acute respiratory distress syndrome. <i>Lancet Respiratory Medicine</i> , the, 2017, 5, 512-523.	5.2	62
158	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
159	A Climate Change in Mechanical Ventilation?*. <i>Critical Care Medicine</i> , 2017, 45, 1253-1255.	0.4	0
160	Outcome of acute respiratory distress syndrome in university and non-university hospitals in Germany. <i>Critical Care</i> , 2017, 21, 122.	2.5	28
161	Association between timing of intubation and outcome in critically ill patients: A secondary analysis of the ICON audit. <i>Journal of Critical Care</i> , 2017, 42, 1-5.	1.0	46
162	Mechanical ventilation in the acute respiratory distress syndrome. <i>Hospital Practice (1995)</i> , 2017, 45, 88-98.	0.5	8
163	Can glypican-3 be a disease-specific biomarker?. <i>Clinical and Translational Medicine</i> , 2017, 6, 18.	1.7	18
164	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> , the, 2017, 5, 484-491.	5.2	70
165	Keratinocyte growth factor in acute respiratory distress syndrome. <i>Lancet Respiratory Medicine</i> , the, 2017, 5, 459-460.	5.2	1
166	Moxifloxacin monotherapy versus combination therapy in patients with severe community-acquired pneumonia evoked ARDS. <i>BMC Anesthesiology</i> , 2017, 17, 78.	0.7	6

#	ARTICLE	IF	CITATIONS
167	Circulating microparticle levels are reduced in patients with ARDS. <i>Critical Care</i> , 2017, 21, 120.	2.5	34
168	Incidence of adult respiratory distress syndrome in trauma patients. <i>Journal of Trauma and Acute Care Surgery</i> , 2017, 83, 496-506.	1.1	42
169	Update in Critical Care 2016. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 196, 11-17.	2.5	12
170	The Interhospital Transfer of Mechanically Ventilated Patients: Too Little, Too Late, and Questionably Motivated?. <i>Annals of the American Thoracic Society</i> , 2017, 14, 626-627.	1.5	0
171	A nephrologist should be consulted in all cases of acute kidney injury in the ICU: No. <i>Intensive Care Medicine</i> , 2017, 43, 877-879.	3.9	8
172	Acute respiratory distress syndrome mimics: the role of lung biopsy. <i>Current Opinion in Critical Care</i> , 2017, 23, 24-29.	1.6	36
173	Rescue therapies for acute respiratory distress syndrome. <i>Current Opinion in Critical Care</i> , 2017, 23, 52-59.	1.6	12
174	Should we use driving pressure to set tidal volume?. <i>Current Opinion in Critical Care</i> , 2017, 23, 38-44.	1.6	34
175	Continued under-recognition of acute respiratory distress syndrome after the Berlin definition. <i>Current Opinion in Critical Care</i> , 2017, 23, 10-17.	1.6	20
176	Acute respiratory distress syndrome in another 50 years. <i>Current Opinion in Critical Care</i> , 2017, 23, 1-3.	1.6	9
177	Looking closer at acute respiratory distress syndrome: the role of advanced imaging techniques. <i>Current Opinion in Critical Care</i> , 2017, 23, 30-37.	1.6	25
178	The Outcome of Extracorporeal Life Support After General Thoracic Surgery: Timing of Application. <i>Annals of Thoracic Surgery</i> , 2017, 104, 450-457.	0.7	11
179	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
180	What PEEP level should I use in my patient?. <i>Medicina Intensiva (English Edition)</i> , 2017, 41, 267-269.	0.1	0
181	Transient Receptor Potential Vanilloid 4 and Serum Glucocorticoid-regulated Kinase 1 Are Critical Mediators of Lung Injury in Overventilated Mice <i>In Vivo</i> . <i>Anesthesiology</i> , 2017, 126, 300-311.	1.3	46
182	Clinical trials in acute respiratory distress syndrome: challenges and opportunities. <i>Lancet Respiratory Medicine</i> , 2017, 5, 524-534.	5.2	213
183	How to approach the acute respiratory distress syndrome: Prevention, plan, and prudence. <i>Respiratory Investigation</i> , 2017, 55, 190-195.	0.9	2
184	Disassociating Lung Mechanics and Oxygenation in Pediatric Acute Respiratory Distress Syndrome*. <i>Critical Care Medicine</i> , 2017, 45, 1232-1239.	0.4	40

#	ARTICLE	IF	CITATIONS
185	The use of enrichment to reduce statistically indeterminate or negative trials in critical care. <i>Anaesthesia</i> , 2017, 72, 560-565.	1.8	30
186	Opening pressures in ARDS. <i>Intensive Care Medicine</i> , 2017, 43, 702-704.	3.9	0
187	Rationale, study design and analysis plan of the lung imaging morphology for ventilator settings in acute respiratory distress syndrome study (LIVE study): Study protocol for a randomised controlled trial. <i>Anaesthesia, Critical Care &amp; Pain Medicine</i> , 2017, 36, 301-306.	0.6	22
188	Prevention or Treatment of Ards With Aspirin. <i>Shock</i> , 2017, 47, 13-21.	1.0	67
189	Multiple Organ Dysfunction in Children Mechanically Ventilated for Acute Respiratory Failure*. <i>Pediatric Critical Care Medicine</i> , 2017, 18, 319-329.	0.2	33
190	Short- and long-term prognosis of critically-ill patients referred to the ICU from the Emergency Department of a tertiary hospital. <i>Medicina Clínica (English Edition)</i> , 2017, 148, 197-203.	0.1	3
191	Current challenges in the management of sepsis in ICUs in resource-poor settings and suggestions for the future. <i>Intensive Care Medicine</i> , 2017, 43, 612-624.	3.9	140
192	Is Therapeutic Hypothermia for Acute Respiratory Distress Syndrome the Future?. <i>Journal of Intensive Care Medicine</i> , 2017, 32, 460-464.	1.3	20
194	Integrated Stress Response Mediates Epithelial Injury in Mechanical Ventilation. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2017, 57, 193-203.	1.4	37
195	Use of life support in acutely admitted <sc>ICU</sc> patients. An international cohort study. <i>Acta Anaesthesiologica Scandinavica</i> , 2017, 61, 513-522.	0.7	1
196	Profiling of ARDS pulmonary edema fluid identifies a metabolically distinct subset. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017, 312, L703-L709.	1.3	36
197	F<sc>ifty</sc> Y<sc>ears of</sc> R<sc>esearch in</sc> ARDS. <i>Respiratory Mechanics in Acute Respiratory Distress Syndrome. American Journal of Respiratory and Critical Care Medicine</i> , 2017, 196, 822-833.	2.5	134
198	F<sc>ifty</sc> Y<sc>ears</sc> <sc>of</sc> R<sc>esearch</sc> <sc>in</sc> ARDS. <i>Cell-based Therapy for Acute Respiratory Distress Syndrome. Biology and Potential Therapeutic Value. American Journal of Respiratory and Critical Care Medicine</i> , 2017, 196, 266-273.	2.5	179
199	Nanomedicine for the Treatment of Acute Respiratory Distress Syndrome. The 2016 ATS Bear Cage Awardâ€“winning Proposal. <i>Annals of the American Thoracic Society</i> , 2017, 14, 561-564.	1.5	14
200	A multi-faceted strategy to reduce ventilation-associated mortality in brain-injured patients. The BI-VILI project: a nationwide quality improvement project. <i>Intensive Care Medicine</i> , 2017, 43, 957-970.	3.9	81
202	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
203	RhoA S-nitrosylation as a regulatory mechanism influencing endothelial barrier function in response to G + -bacterial toxins. <i>Biochemical Pharmacology</i> , 2017, 127, 34-45.	2.0	15
204	Late-onset moderate to severe acute respiratory distress syndrome is associated with shorter survival and higher mortality: a two-stage association study. <i>Intensive Care Medicine</i> , 2017, 43, 399-407.	3.9	27

#	ARTICLE	IF	CITATIONS
205	Protective ventilation with veno-venous lung assist in respiratory failure: A protocol for a multicentre randomised controlled trial of extracorporeal carbon dioxide removal in patients with acute hypoxaemic respiratory failure. <i>Journal of the Intensive Care Society</i> , 2017, 18, 159-169.	1.1	30
206	Perceived safety and efficacy of neuromuscular blockers for acute respiratory distress syndrome among medical intensive care unit practitioners: A multicenter survey. <i>Journal of Critical Care</i> , 2017, 38, 278-283.	1.0	17
207	Diagnosing acute respiratory distress syndrome in resource limited settings: the Kigali modification of the Berlin definition. <i>Current Opinion in Critical Care</i> , 2017, 23, 18-23.	1.6	34
208	The Bumpy Road for Noninvasive Ventilation in Acute Respiratory Distress Syndrome. Coming to an End?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 9-10.	2.5	5
209	Respiratory mechanics to understand ARDS and guide mechanical ventilation. <i>Physiological Measurement</i> , 2017, 38, R280-H303.	1.2	28
210	Noninvasive Ventilation across Hospitals: An Example of Healthcare Delivery Science. <i>Annals of the American Thoracic Society</i> , 2017, 14, 1634-1635.	1.5	1
211	Acute respiratory distress syndrome. <i>Clinical Medicine</i> , 2017, 17, 439-443.	0.8	8
212	Protective mechanical ventilation in United Kingdom critical care units: A multicentre audit. <i>Journal of the Intensive Care Society</i> , 2017, 18, 106-112.	1.1	16
213	Acute life-threatening hypoxemia during mechanical ventilation. <i>Current Opinion in Critical Care</i> , 2017, 23, 541-548.	1.6	2
214	Prediction of long-term outcome subtypes in ARDS: first steps towards personalised medicine in critical care. <i>Thorax</i> , 2017, 72, 1067-1068.	2.7	4
215	Effect of Lung Recruitment and Titrated Positive End-Expiratory Pressure (PEEP) vs Low PEEP on Mortality in Patients With Acute Respiratory Distress Syndrome. <i>JAMA - Journal of the American Medical Association</i> , 2017, 318, 1335.	3.8	696
216	Just Because Things Are Not Different, Does Not Mean They Are the Same. <i>Critical Care Medicine</i> , 2017, 45, 1955-1957.	0.4	1
217	Extracorporeal Membrane Oxygenation Is First-Line Therapy for Acute Respiratory Distress Syndrome. <i>Critical Care Medicine</i> , 2017, 45, 2070-2073.	0.4	4
218	Individualized positive end-expiratory pressure in obese patients during general anaesthesia: a randomized controlled clinical trial using electrical impedance tomography. <i>British Journal of Anaesthesia</i> , 2017, 119, 1194-1205.	1.5	150
219	Prognosis of Cancer Patients in the ICU: Much Work Remainsâ€”Reply. <i>Respiratory Care</i> , 2017, 62, 1232-1232.	0.8	0
220	Oxygenation Saturation Index Predicts Clinical Outcomes in ARDS. <i>Chest</i> , 2017, 152, 1151-1158.	0.4	70
221	Derivation and validation of a two-biomarker panel for diagnosis of ARDS in patients with severe traumatic injuries. <i>Trauma Surgery and Acute Care Open</i> , 2017, 2, e000121.	0.8	28
222	Official ERS/ATS clinical practice guidelines: noninvasive ventilation for acute respiratory failure. <i>European Respiratory Journal</i> , 2017, 50, 1602426.	3.1	1,014

#	ARTICLE	IF	CITATIONS
223	Simulation Training for Residents Focused on Mechanical Ventilation. <i>Simulation in Healthcare</i> , 2017, 12, 349-355.	0.7	43
225	High-Frequency Oscillation in Acute Respiratory Distress Syndrome. The End of the Story?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 196, 670-671.	2.5	7
226	Management of Acute Respiratory Distress Syndrome and Refractory Hypoxemia. A Multicenter Observational Study. <i>Annals of the American Thoracic Society</i> , 2017, 14, 1818-1826.	1.5	59
227	Initiation of Mechanical Ventilation in Patients with Decompensated Respiratory Failure. <i>Hospital Medicine Clinics</i> , 2017, 6, 503-516.	0.2	1
228	Geo-economic Variations and ARDS. <i>Chest</i> , 2017, 152, 461-462.	0.4	1
229	Rescue Therapies for Severe Acute Respiratory Distress Syndrome. <i>Clinical Pulmonary Medicine</i> , 2017, 24, 197-205.	0.3	0
230	The Contributing Risk of Tobacco Use for ARDS Development in Burn-Injured Adults With Inhalation Injury. <i>Respiratory Care</i> , 2017, 62, 1456-1465.	0.8	5
231	The Importance of Clinical Context on Assessing Outcomes in Sepsis*. <i>Critical Care Medicine</i> , 2017, 45, 1783-1785.	0.4	0
232	Fifty Years of Research in ARDS. Selection in Acute Respiratory Distress Syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 196, 1519-1525.	2.5	45
233	Guidelines for the diagnosis and management of critical illness-related corticosteroid insufficiency (CIRCI) in critically ill patients (Part I): Society of Critical Care Medicine (SCCM) and European Society of Intensive Care Medicine (ESICM) 2017. <i>Intensive Care Medicine</i> , 2017, 43, 1751-1763.	3.9	220
234	Guidelines for the Diagnosis and Management of Critical Illness-Related Corticosteroid Insufficiency (CIRCI) in Critically Ill Patients (Part I): Society of Critical Care Medicine (SCCM) and European Society of Intensive Care Medicine (ESICM) 2017. <i>Critical Care Medicine</i> , 2017, 45, 2078-2088.	0.4	234
235	Early application of airway pressure release ventilation may reduce the duration of mechanical ventilation in acute respiratory distress syndrome. <i>Intensive Care Medicine</i> , 2017, 43, 1648-1659.	3.9	178
236	Mechanical Ventilation: State of the Art. <i>Mayo Clinic Proceedings</i> , 2017, 92, 1382-1400.	1.4	191
237	Divide and conquer: identifying acute respiratory distress syndrome subphenotypes. <i>Thorax</i> , 2017, 72, 867-869.	2.7	11
238	Translating evidence into practice in acute respiratory distress syndrome. <i>Current Opinion in Critical Care</i> , 2017, 23, 406-411.	1.6	18
239	Recomendaciones para el tratamiento de los pacientes crÁticos de los Grupos de Trabajo de la Sociedad EspaÃ±ola de Medicina Intensiva, CrÁtica y Unidades Coronarias (SEMICYUC). <i>Medicina Intensiva</i> , 2017, 41, 285-305.	0.4	90
240	Update in Management of Severe Hypoxemic Respiratory Failure. <i>Chest</i> , 2017, 152, 867-879.	0.4	45
241	Risk Stratification in Pediatric Acute Respiratory Distress Syndrome: A Multicenter Observational Study*. <i>Critical Care Medicine</i> , 2017, 45, 1820-1828.	0.4	42

#	ARTICLE	IF	CITATIONS
242	Management Strategies for Severe Respiratory Failure. <i>Critical Care Clinics</i> , 2017, 33, 795-811.	1.0	7
243	RAGE inhibition reduces acute lung injury in mice. <i>Scientific Reports</i> , 2017, 7, 7208.	1.6	68
244	Why do we fail to deliver evidence-based practice in critical care medicine?. <i>Current Opinion in Critical Care</i> , 2017, 23, 400-405.	1.6	23
245	Summary for Clinicians: Mechanical Ventilation in Adult Patients with Acute Respiratory Distress Syndrome Clinical Practice Guideline. <i>Annals of the American Thoracic Society</i> , 2017, 14, 1235-1238.	1.5	18
246	Severity of Hypoxemia and Other Factors That Influence the Response to Aerosolized Prostacyclin in ARDS. <i>Respiratory Care</i> , 2017, 62, 1014-1022.	0.8	22
247	The Runt of the Litter—Stronger than We Thought?. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2017, 57, 139-140.	1.4	0
248	Focus on ARDS. <i>Intensive Care Medicine</i> , 2017, 43, 1495-1497.	3.9	0
249	Bringing implementation science to the intensive care unit. <i>Current Opinion in Critical Care</i> , 2017, 23, 398-399.	1.6	14
250	The intensive care medicine research agenda for airways, invasive and noninvasive mechanical ventilation. <i>Intensive Care Medicine</i> , 2017, 43, 1352-1365.	3.9	41
251	Inhaled Prostacyclin as Salvage Therapy for ARDS: Can We Find the Right Patient?. <i>Respiratory Care</i> , 2017, 62, 1113-1115.	0.8	3
252	Bronchoalveolar Lavage Fluid Protein Expression in Acute Respiratory Distress Syndrome Provides Insights into Pathways Activated in Subjects with Different Outcomes. <i>Scientific Reports</i> , 2017, 7, 7464.	1.6	20
253	Acute Respiratory Distress Syndrome. <i>New England Journal of Medicine</i> , 2017, 377, 562-572.	13.9	1,183
254	A Critical Care Clinician Survey Comparing Attitudes and Perceived Barriers to Low Tidal Volume Ventilation with Actual Practice. <i>Annals of the American Thoracic Society</i> , 2017, 14, 1682-1689.	1.5	38
255	Prevalence and Prognostic Association of Circulating Troponin in the Acute Respiratory Distress Syndrome. <i>Critical Care Medicine</i> , 2017, 45, 1709-1717.	0.4	32
256	Variability of Tidal Volume in Patient-Triggered Mechanical Ventilation in ARDS. <i>Respiratory Care</i> , 2017, 62, 1437-1446.	0.8	7
257	Timing and Amount of Physical Therapy Treatment are Associated with Length of Stay in the Cardiothoracic ICU. <i>Scientific Reports</i> , 2017, 7, 17591.	1.6	12
258	Refractory Hypoxemia and Acute Respiratory Distress Syndrome Adjunctive Therapies: An Open Question?. <i>Annals of the American Thoracic Society</i> , 2017, 14, 1768-1769.	1.5	3
259	Mechanical ventilation in acute respiratory distress syndrome: The open lung revisited. <i>Medicina Intensiva (English Edition)</i> , 2017, 41, 550-558.	0.1	0



#	ARTICLE	IF	CITATIONS
260	Risk stratification using SpO <sub>2</sub> /FiO <sub>2</sub> and PEEP at initial ARDS diagnosis and after 24h in patients with moderate or severe ARDS. <i>Annals of Intensive Care</i> , 2017, 7, 108.	2.2	28
261	Mechanical ventilation: we have come a long way but still have a long road ahead. <i>Lancet Respiratory Medicine</i> , 2017, 5, 922-924.	5.2	7
262	Ventilator Management. <i>Pediatric Critical Care Medicine</i> , 2017, 18, 1067-1068.	0.2	1
263	Development and Validation of a Multi-Algorithm Analytic Platform to Detect Off-Target Mechanical Ventilation. <i>Scientific Reports</i> , 2017, 7, 14980.	1.6	23
264	Lower airways inflammation in patients with ARDS measured using endotracheal aspirates: a pilot study. <i>BMJ Open Respiratory Research</i> , 2017, 4, e000222.	1.2	5
265	Recommendations of the Working Groups from the Spanish Society of Intensive and Critical Care Medicine and Coronary Units (SEMICYUC) for the management of adult critically ill patients. <i>Medicina Intensiva (English Edition)</i> , 2017, 41, 285-305.	0.1	10
266	Tidal changes on CT and progression of ARDS. <i>Thorax</i> , 2017, 72, 981-989.	2.7	39
267	Healthcare infrastructure capacity to respond to severe acute respiratory infection (SARI) and sepsis in Vietnam: A low-middle income country. <i>Journal of Critical Care</i> , 2017, 42, 109-115.	1.0	17
268	miRNA-200c-3p is crucial in acute respiratory distress syndrome. <i>Cell Discovery</i> , 2017, 3, 17021.	3.1	95
269	Long-Term Survival After Extracorporeal Membrane Oxygenation Therapy: The Attention It Deserves!*. <i>Critical Care Medicine</i> , 2017, 45, 361-362.	0.4	1
270	Update of Sepsis in the Intensive Care Unit. <i>Journal of Innate Immunity</i> , 2017, 9, 441-455.	1.8	106
271	High-Frequency Oscillatory Ventilation in Adults With ARDS. <i>Chest</i> , 2017, 152, 1306-1317.	0.4	46
273	Middle age exacerbates acute respiratory distress syndrome in a double hit murine model. <i>Experimental Gerontology</i> , 2017, 96, 146-154.	1.2	4
274	Etiologies, diagnostic work-up and outcomes of acute respiratory distress syndrome with no common risk factor: a prospective multicenter study. <i>Annals of Intensive Care</i> , 2017, 7, 69.	2.2	41
275	African American Disparities in Low Tidal Volume Ventilation?. <i>Critical Care Medicine</i> , 2017, 45, e342.	0.4	0
276	<scp>ICU</scp> mortality is increased with high admission serum osmolarity in all patients other than those admitted with pulmonary diseases and hypoxia. <i>Respirology</i> , 2017, 22, 1165-1170.	1.3	9
278	Methods to Study Lung Injury and Repair: Introduction. <i>Respiratory Medicine</i> , 2017, , 1-4.	0.1	0
279	Association between ventilatory settings and development of acute respiratory distress syndrome in mechanically ventilated patients due to brain injury. <i>Journal of Critical Care</i> , 2017, 38, 341-345.	1.0	54



#	ARTICLE	IF	CITATIONS
280	Adjuvants to Mechanical Ventilation for Acute Respiratory Failure. Adoption, De-adoption, and Factors Associated with Selection. <i>Annals of the American Thoracic Society</i> , 2017, 14, 94-102.	1.5	18
281	Partial Neuromuscular Blockade during Partial Ventilatory Support in Sedated Patients with High Tidal Volumes. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 1033-1042.	2.5	56
282	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
283	A Missense Genetic Variant in <i>LRRC16A</i> / <i>CARMIL1</i> Improves Acute Respiratory Distress Syndrome Survival by Attenuating Platelet Count Decline. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 1353-1361.	2.5	35
284	Fifty Years of Research in ARDS. Spontaneous Breathing during Mechanical Ventilation. Risks, Mechanisms, and Management. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 985-992.	2.5	250
285	Design and Rationale of the Reevaluation of Systemic Early Neuromuscular Blockade Trial for Acute Respiratory Distress Syndrome. <i>Annals of the American Thoracic Society</i> , 2017, 14, 124-133.	1.5	54
286	Neuromuscular Blockade in the 21st Century Management of the Critically Ill Patient. <i>Chest</i> , 2017, 151, 697-706.	0.4	55
287	Will all ARDS patients be receiving mechanical ventilation in 2035? Yes. <i>Intensive Care Medicine</i> , 2017, 43, 568-569.	3.9	3
288	Will all ARDS patients be receiving mechanical ventilation in 2035? No. <i>Intensive Care Medicine</i> , 2017, 43, 570-572.	3.9	1
289	Epigenetic contribution of the myosin light chain kinase gene to the risk for acute respiratory distress syndrome. <i>Translational Research</i> , 2017, 180, 12-21.	2.2	26
290	Sevoflurane for Sedation in Acute Respiratory Distress Syndrome. A Randomized Controlled Pilot Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 792-800.	2.5	142
291	Pulmonary Manifestations of Acute Lung Injury: More Than Just Diffuse Alveolar Damage. <i>Archives of Pathology and Laboratory Medicine</i> , 2017, 141, 916-922.	1.2	121
292	Parkin regulates lipopolysaccharide-induced proinflammatory responses in acute lung injury. <i>Translational Research</i> , 2017, 181, 71-82.	2.2	36
293	Treatment of ARDS With Prone Positioning. <i>Chest</i> , 2017, 151, 215-224.	0.4	269
294	Changes in ventilatory capacity and pulmonary gas exchange during systemic and pulmonary inflammation in humans. <i>Apmis</i> , 2017, 125, 11-15.	0.9	1
295	Mechanical Ventilation to Minimize Progression of Lung Injury in Acute Respiratory Failure. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 438-442.	2.5	846
296	How to reduce cisatracurium consumption in ARDS patients: the TOF-ARDS study. <i>Annals of Intensive Care</i> , 2017, 7, 79.	2.2	24
297	Whole blood microRNA markers are associated with acute respiratory distress syndrome. <i>Intensive Care Medicine Experimental</i> , 2017, 5, 38.	0.9	44

#	ARTICLE	IF	CITATIONS
298	Controverse autour de la ventilation non invasive au cours de l'insuffisance respiratoire aiguë hypoxémique. <i>Revue Des Maladies Respiratoires Actualites</i> , 2017, 9, 504-506.	0.0	0
299	Síndrome de dificultad respiratoria aguda. <i>EMC - Anestesia-Reanimación</i> , 2017, 43, 1-18.	0.1	0
300	Nebulized Heparin Attenuates Pulmonary Coagulopathy and Inflammation through Alveolar Macrophages in a Rat Model of Acute Lung Injury. <i>Thrombosis and Haemostasis</i> , 2017, 117, 2125-2134.	1.8	49
301	The future of mechanical ventilation: lessons from the present and the past. <i>Critical Care</i> , 2017, 21, 183.	2.5	176
302	Respiratory extracorporeal membrane oxygenation for severe sepsis and septic shock in adults: a propensity score analysis in a multicenter retrospective observational study. <i>Acute Medicine &amp; Surgery</i> , 2017, 4, 408-417.	0.5	10
303	Inhalation therapies in acute respiratory distress syndrome. <i>Annals of Translational Medicine</i> , 2017, 5, 293-293.	0.7	30
304	Recent insight into potential acute respiratory distress syndrome. <i>Journal of King Abdulaziz University, Islamic Economics</i> , 2017, 38, 344-349.	0.5	5
305	Characteristics and provision of care of patients with the acute respiratory distress syndrome: descriptive findings from the DACAPO cohort baseline and comparison with international findings. <i>Journal of Thoracic Disease</i> , 2017, 9, 818-830.	0.6	12
306	Extracellular Vesicle MicroRNA Transfer in Lung Diseases. <i>Frontiers in Physiology</i> , 2017, 8, 1028.	1.3	77
307	Efficacy of prone position in acute respiratory distress syndrome: overview of systematic reviews. <i>Revista Da Escola De Enfermagem Da U S P</i> , 2017, 51, e03251.	0.3	15
308	Hypoxemic Respiratory Failure from Acute Respiratory Distress Syndrome Secondary to Leptospirosis. <i>Case Reports in Critical Care</i> , 2017, 2017, 1-4.	0.2	3
309	Inhibition of TNF Receptor p55 By a Domain Antibody Attenuates the Initial Phase of Acid-Induced Lung Injury in Mice. <i>Frontiers in Immunology</i> , 2017, 8, 128.	2.2	19
310	Hypercapnia Impairs ENaC Cell Surface Stability by Promoting Phosphorylation, Polyubiquitination and Endocytosis of í²-ENaC in a Human Alveolar Epithelial Cell Line. <i>Frontiers in Immunology</i> , 2017, 8, 591.	2.2	29
311	Gas Exchange Disturbances Regulate Alveolar Fluid Clearance during Acute Lung Injury. <i>Frontiers in Immunology</i> , 2017, 8, 757.	2.2	36
312	No Room for Error: Empiric Treatment for Fulminant Pneumonia. <i>Clinical Practice and Cases in Emergency Medicine</i> , 2017, 1, 136-139.	0.1	1
313	Definition and epidemiology of acute respiratory distress syndrome. <i>Annals of Translational Medicine</i> , 2017, 5, 282-282.	0.7	151
314	An in vitro lung model to assess true shunt fraction by multiple inert gas elimination. <i>PLoS ONE</i> , 2017, 12, e0184212.	1.1	1
315	Acute Respiratory Distress Syndrome in the Burn Patient. <i>Recent Clinical Techniques, Results, and Research in Wounds</i> , 2017, , 111-122.	0.1	0

#	ARTICLE	IF	CITATIONS
316	Mesenchymal stem cells microvesicles stabilize endothelial barrier function partly mediated by hepatocyte growth factor (HGF). <i>Stem Cell Research and Therapy</i> , 2017, 8, 211.	2.4	64
317	Low flow extracorporeal CO <sub>2</sub> removal in ARDS patients: a prospective short-term crossover pilot study. <i>BMC Anesthesiology</i> , 2017, 17, 155.	0.7	19
318	Plasma surfactant protein-D as a diagnostic biomarker for acute respiratory distress syndrome: validation in US and Korean cohorts. <i>BMC Pulmonary Medicine</i> , 2017, 17, 204.	0.8	45
319	Extracellular histones are clinically relevant mediators in the pathogenesis of acute respiratory distress syndrome. <i>Respiratory Research</i> , 2017, 18, 165.	1.4	53
320	Prediction of high airway pressure using a non-linear autoregressive model of pulmonary mechanics. <i>BioMedical Engineering OnLine</i> , 2017, 16, 126.	1.3	12
321	Driving pressure: a marker of severity, a safety limit, or a goal for mechanical ventilation?. <i>Critical Care</i> , 2017, 21, 199.	2.5	81
322	Respiratory support in patients with acute respiratory distress syndrome: an expert opinion. <i>Critical Care</i> , 2017, 21, 240.	2.5	84
323	Personalised fluid resuscitation in the ICU: still a fluid concept?. <i>Critical Care</i> , 2017, 21, 313.	2.5	30
324	Comparison of the efficacy and safety of FP-1201-lyo (intravenously administered recombinant human) Tj ETQq0 0 0 rgBT /Overlock 10 distress syndrome: study protocol for a randomized controlled trial. <i>Trials</i> , 2017, 18, 536.	0.7	15
325	Bedside selection of positive end-expiratory pressure by electrical impedance tomography in hypoxemic patients: a feasibility study. <i>Annals of Intensive Care</i> , 2017, 7, 76.	2.2	67
326	Endocan as an early biomarker of severity in patients with acute respiratory distress syndrome. <i>Annals of Intensive Care</i> , 2017, 7, 93.	2.2	33
327	Frequency and prognostic impact of basic critical care echocardiography abnormalities in patients with acute respiratory distress syndrome. <i>Annals of Intensive Care</i> , 2017, 7, 120.	2.2	11
328	Hyaluronic acid is associated with organ dysfunction in acute respiratory distress syndrome. <i>Critical Care</i> , 2017, 21, 304.	2.5	32
329	Comparison of mortality prediction models in acute respiratory distress syndrome undergoing extracorporeal membrane oxygenation and development of a novel prediction score: the PREdiction of Survival on ECMO Therapy-Score (PRESET-Score). <i>Critical Care</i> , 2017, 21, 301.	2.5	75
330	Sedation and neuromuscular blocking agents in acute respiratory distress syndrome. <i>Annals of Translational Medicine</i> , 2017, 5, 291-291.	0.7	51
331	ARDS onset time and prognosis: is it a turtle and rabbit race?. <i>Journal of Thoracic Disease</i> , 2017, 9, 973-975.	0.6	1
332	Patients with uninjured lungs may also benefit from lung-protective ventilator settings. <i>F1000Research</i> , 2017, 6, 2040.	0.8	3
333	Transpulmonary pressure: importance and limits. <i>Annals of Translational Medicine</i> , 2017, 5, 285-285.	0.7	80

#	ARTICLE	IF	CITATIONS
334	Serious adverse events of cell therapy for respiratory diseases: a systematic review and meta-analysis. <i>Oncotarget</i> , 2017, 8, 30511-30523.	0.8	24
335	Right heart function during acute respiratory distress syndrome. <i>Annals of Translational Medicine</i> , 2017, 5, 295-295.	0.7	38
336	Spontaneous breathing: a double-edged sword to handle with care. <i>Annals of Translational Medicine</i> , 2017, 5, 292-292.	0.7	54
337	“Lung-protective”™ ventilation in acute respiratory distress syndrome: still a challenge?. <i>Journal of Thoracic Disease</i> , 2017, 9, 2238-2241.	0.6	6
338	A new prediction score for critically ill patients—do we need an Apgar score for acute respiratory distress syndrome?. <i>Journal of Thoracic Disease</i> , 2017, 9, E142-E145.	0.6	0
339	Respiratory rate and peak inspiratory pressure, new targets from the LUNG SAFE study analysis or physiopathological artifacts?. <i>Journal of Thoracic Disease</i> , 2017, 9, 225-227.	0.6	8
340	Noninvasive ventilation during acute respiratory distress syndrome in patients with cancer—what really matters. <i>Journal of Thoracic Disease</i> , 2017, 9, 2224-2227.	0.6	0
341	Early identification of patients at risk for acute respiratory distress syndrome among severe pneumonia: a retrospective cohort study. <i>Journal of Thoracic Disease</i> , 2017, 9, 3979-3995.	0.6	14
342	Stem-cell extracellular vesicles and lung repair. <i>Stem Cell Investigation</i> , 2017, 4, 78-78.	1.3	39
343	Modifiable risk factors and the role of driving pressure in acute respiratory distress syndrome. <i>Journal of Thoracic Disease</i> , 2017, 9, E487-E488.	0.6	0
344	Mechanical ventilation in brain injured patients: seeing the forest for the trees. <i>Journal of Thoracic Disease</i> , 2017, 9, 3483-3487.	0.6	6
345	Acute Respiratory Distress Syndrome. <i>JAMA - Journal of the American Medical Association</i> , 2018, 319, 698.	3.8	983
346	Management of ARDS in Adults. <i>JAMA - Journal of the American Medical Association</i> , 2018, 319, 711.	3.8	39
347	Advancing Quality Improvement with Regression Discontinuity Designs. <i>Annals of the American Thoracic Society</i> , 2018, 15, 523-529.	1.5	14
348	Transpulmonary Pressure—based Mechanical Ventilation in Acute Respiratory Distress Syndrome. From Theory to Practice?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 977-978.	2.5	4
349	SCH79797 improves outcomes in experimental bacterial pneumonia by boosting neutrophil killing and direct antibiotic activity. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 1586-1594.	1.3	18
350	Human Cognitive Limitations. Broad, Consistent, Clinical Application of Physiological Principles Will Require Decision Support. <i>Annals of the American Thoracic Society</i> , 2018, 15, S53-S56.	1.5	18
351	On the Feasibility of Automated Mechanical Ventilation Control Through EIT. <i>IEEE Transactions on Biomedical Engineering</i> , 2018, 65, 2459-2470.	2.5	5

#	ARTICLE	IF	CITATIONS
352	Acute Respiratory Distress Syndrome: Bench-to-Bedside Approaches to Improve Drug Development. <i>Clinical Pharmacology and Therapeutics</i> , 2018, 104, 484-494.	2.3	21
353	Enteral Feeding and Noninvasive Ventilation. , 2018, , 111-121.		0
354	Using Default Options and Other Nudges to Improve Critical Care. <i>Critical Care Medicine</i> , 2018, 46, 460-464.	0.4	23
355	Open Lung Biopsy in Nonresolving Acute Respiratory Distress Syndrome Commonly Identifies Corticosteroid-Sensitive Pathologies, Associated With Better Outcome*. <i>Critical Care Medicine</i> , 2018, 46, 907-914.	0.4	21
356	Is it Safe to Extubate Patients Overnight?. <i>Clinical Pulmonary Medicine</i> , 2018, 25, 46-51.	0.3	0
357	Assessing Risk and Treatment Responsiveness in ARDS. Beyond Physiology. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 1516-1518.	2.5	1
358	Adjunctive therapy with azithromycin for moderate and severe acute respiratory distress syndrome: a retrospective, propensity score-matching analysis of prospectively collected data at a single center. <i>International Journal of Antimicrobial Agents</i> , 2018, 51, 918-924.	1.1	46
359	Management of Multiorgan Failure in Sepsis. , 2018, , 139-158.		0
360	The Association Between Acute Respiratory Distress Syndrome Hospital Case Volume and Mortality in a U.S. Cohort, 2002-2011*. <i>Critical Care Medicine</i> , 2018, 46, 764-773.	0.4	26
361	Chest Radiography for Diagnosing Acute Respiratory Distress Syndrome-“Fishing in the Dark?*. <i>Critical Care Medicine</i> , 2018, 46, 820-821.	0.4	1
362	Health care utilization and the cost of posttraumatic acute respiratory distress syndrome care. <i>Journal of Trauma and Acute Care Surgery</i> , 2018, 85, 148-154.	1.1	17
363	Resolved versus confirmed ARDS after 24h: insights from the LUNG SAFE study. <i>Intensive Care Medicine</i> , 2018, 44, 564-577.	3.9	48
364	An Open-Loop, Physiologic Model-Based Decision Support System Can Provide Appropriate Ventilator Settings. <i>Critical Care Medicine</i> , 2018, 46, e642-e648.	0.4	24
365	The Year in Thoracic Anesthesia: Selected Highlights From 2017. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2018, 32, 1556-1569.	0.6	2
366	German-wide prospective DCAPO cohort of survivors of the acute respiratory distress syndrome (ARDS): a cohort profile. <i>BMJ Open</i> , 2018, 8, e019342.	0.8	15
367	Receptor for advanced glycation end-products and ARDS prediction: a multicentre observational study. <i>Scientific Reports</i> , 2018, 8, 2603.	1.6	57
368	CD27+TIM-1+ memory B cells promoted the development of Foxp3+ Tregs and were associated with better survival in acute respiratory distress syndrome. <i>Immunologic Research</i> , 2018, 66, 281-287.	1.3	15
369	Protecting the Right Ventricle in ARDS: The Role of Prone Ventilation. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2018, 32, 2248-2251.	0.6	15

#	ARTICLE	IF	CITATIONS
370	Characteristics of early acute respiratory distress syndrome in newly diagnosed acute myeloid leukemia. <i>Leukemia and Lymphoma</i> , 2018, 59, 2369-2376.	0.6	7
371	The Randomized Educational Acute Respiratory Distress Syndrome Diagnosis Study: A Trial to Improve the Radiographic Diagnosis of Acute Respiratory Distress Syndrome*. <i>Critical Care Medicine</i> , 2018, 46, 743-748.	0.4	34
372	Antipsychotics, Delirium, and Acute Respiratory Distress Syndrome: What Is the Link?. <i>Pharmacotherapy</i> , 2018, 38, 462-469.	1.2	11
373	Past and present role of extracorporeal membrane oxygenation in combat casualty care: How far will we go?. <i>Journal of Trauma and Acute Care Surgery</i> , 2018, 84, S63-S68.	1.1	11
374	ARDS: challenges in patient care and frontiers in research. <i>European Respiratory Review</i> , 2018, 27, 170107.	3.0	34
375	Positive End-Expiratory Pressure Lower Than the ARDS Network Protocol Is Associated with Higher Pediatric Acute Respiratory Distress Syndrome Mortality. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, 77-89.	2.5	94
376	Recent advances in extracorporeal life support as a bridge to lung transplantation. <i>Expert Review of Respiratory Medicine</i> , 2018, 12, 217-225.	1.0	10
377	Mesenchymal Stromal Cell Therapy. <i>Critical Care Medicine</i> , 2018, 46, 343-345.	0.4	2
378	Adjunct and rescue therapies for refractory hypoxemia: prone position, inhaled nitric oxide, high frequency oscillation, extra corporeal life support. <i>Intensive Care Medicine</i> , 2018, 44, 1528-1531.	3.9	7
379	Reclassifying Acute Respiratory Distress Syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 1586-1595.	2.5	87
382	Unstable Inflation Causing Injury. Insight from Prone Position and Paired Computed Tomography Scans. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, 197-207.	2.5	32
384	Phospholipase D isoforms differentially regulate leukocyte responses to acute lung injury. <i>Journal of Leukocyte Biology</i> , 2018, 103, 919-932.	1.5	24
385	Cellular therapies and stem cell applications in trauma. <i>American Journal of Surgery</i> , 2018, 215, 963-972.	0.9	7
386	Multicohort Analysis of Whole-Blood Gene Expression Data Does Not Form a Robust Diagnostic for Acute Respiratory Distress Syndrome. <i>Critical Care Medicine</i> , 2018, 46, 244-251.	0.4	26
387	The US Geriatric Psychiatry Approach to Delirium. , 2018, , 59-76.		0
388	Airway Pressure Release Ventilation Letterâ€”Reply. <i>Respiratory Care</i> , 2018, 63, 128-129.	0.8	0
389	Interfacial curvature effects on the monolayer morphology and dynamics of a clinical lung surfactant. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E134-E143.	3.3	26
390	The Effect of Alcohol Consumption on the Risk of ARDS. <i>Chest</i> , 2018, 154, 58-68.	0.4	73

#	ARTICLE	IF	CITATIONS
391	Targeting the renin-angiotensin system as novel therapeutic strategy for pulmonary diseases. <i>Current Opinion in Pharmacology</i> , 2018, 40, 9-17.	1.7	148
392	Physician-Level Variation in Outcomes of Mechanically Ventilated Patients. <i>Annals of the American Thoracic Society</i> , 2018, 15, 371-379.	1.5	14
393	Interobserver Reliability of the Berlin ARDS Definition and Strategies to Improve the Reliability of ARDS Diagnosis. <i>Chest</i> , 2018, 153, 361-367.	0.4	101
394	High Positive End-Expiratory Pressure Renders Spontaneous Effort Noninjurious. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 1285-1296.	2.5	156
395	Esophageal Manometry and Regional Transpulmonary Pressure in Lung Injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 1018-1026.	2.5	161
396	Effects of pressure support ventilation on ventilator-induced lung injury in mild acute respiratory distress syndrome depend on level of positive end-expiratory pressure. <i>European Journal of Anaesthesiology</i> , 2018, 35, 298-306.	0.7	23
397	Prone position in ARDS: a simple maneuver still underused. <i>Intensive Care Medicine</i> , 2018, 44, 241-243.	3.9	6
398	Ventilator Circuit Trash May Be a Research Treasure. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 979-980.	2.5	1
399	Unproven and Expensive before Proven and Cheap: Extracorporeal Membrane Oxygenation versus Prone Position in Acute Respiratory Distress Syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 991-993.	2.5	42
400	Six-Month Outcome of Immunocompromised Patients with Severe Acute Respiratory Distress Syndrome Rescued by Extracorporeal Membrane Oxygenation. An International Multicenter Retrospective Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 1297-1307.	2.5	95
401	Neuromuscular blockade is associated with the attenuation of biomarkers of epithelial and endothelial injury in patients with moderate-to-severe acute respiratory distress syndrome. <i>Critical Care</i> , 2018, 22, 63.	2.5	28
402	The preventive effect of antiplatelet therapy in acute respiratory distress syndrome: a meta-analysis. <i>Critical Care</i> , 2018, 22, 60.	2.5	20
403	Close down the lungs and keep them resting to minimize ventilator-induced lung injury. <i>Critical Care</i> , 2018, 22, 72.	2.5	67
404	Respiratory Management in Patients with Severe Brain Injury. <i>Critical Care</i> , 2018, 22, 76.	2.5	61
405	Nucleated red blood cells as predictors of mortality in patients with acute respiratory distress syndrome (ARDS): an observational study. <i>Annals of Intensive Care</i> , 2018, 8, 42.	2.2	32
406	Feasibility, safety, and utility of bronchoscopy in patients with ARDS while in the prone position. <i>Critical Care</i> , 2018, 22, 54.	2.5	8
407	Plasma microRNAs levels are different between pulmonary and extrapulmonary ARDS patients: a clinical observational study. <i>Annals of Intensive Care</i> , 2018, 8, 23.	2.2	16
408	Survival of Patients With Severe Acute Respiratory Distress Syndrome Treated Without Extracorporeal Membrane Oxygenation. <i>American Journal of Critical Care</i> , 2018, 27, 220-227.	0.8	4



#	ARTICLE	IF	CITATIONS
409	PRactice of VENTilation in Middle-Income Countries (PRoVENT-iMIC): rationale and protocol for a prospective international multicentre observational study in intensive care units in Asia. <i>BMJ Open</i> , 2018, 8, e020841.	0.8	14
410	Continuous Negative Abdominal Pressure Reduces Ventilator-induced Lung Injury in a Porcine Model. <i>Anesthesiology</i> , 2018, 129, 163-172.	1.3	20
412	Close Down the Lungs and Keep them Resting to Minimize Ventilator-induced Lung Injury. <i>Annual Update in Intensive Care and Emergency Medicine</i> , 2018, , 217-229.	0.1	1
413	Esophageal pressure monitoring. <i>Current Opinion in Critical Care</i> , 2018, 24, 216-222.	1.6	30
414	Alveolar Recruitment in Patients with Assisted Ventilation: Open Up the Lung in Spontaneous Breathing. <i>Annual Update in Intensive Care and Emergency Medicine</i> , 2018, , 205-215.	0.1	1
415	Emerging Technology Platforms for Optical Molecular Imaging and Sensing at the Alveolar Level in the Critically ill. <i>Annual Update in Intensive Care and Emergency Medicine</i> , 2018, , 247-262.	0.1	0
416	Respiratory Management in Patients with Severe Brain Injury. <i>Annual Update in Intensive Care and Emergency Medicine</i> , 2018, , 549-558.	0.1	0
417	Reporting of Sepsis Cases for Performance Measurement Versus for Reimbursement in New York State*. <i>Critical Care Medicine</i> , 2018, 46, 666-673.	0.4	35
418	Difficulties in modelling ARDS (2017 Grover Conference Series). <i>Pulmonary Circulation</i> , 2018, 8, 1-9.	0.8	11
419	Tracking of transplanted human umbilical cord-derived mesenchymal stem cells labeled with fluorescent probe in a mouse model of acute lung injury. <i>International Journal of Molecular Medicine</i> , 2018, 41, 2527-2534.	1.8	19
420	Indications and outcomes of extracorporeal life support in trauma patients. <i>Journal of Trauma and Acute Care Surgery</i> , 2018, 84, 831-837.	1.1	73
421	Unproven and Expensive May Still Be Justifiable. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, 140-140.	2.5	7
422	Ventilator-induced lung injury during controlled ventilation in patients with acute respiratory distress syndrome: less is probably better. <i>Expert Review of Respiratory Medicine</i> , 2018, 12, 403-414.	1.0	41
423	Endothelial biomarkers in human sepsis: pathogenesis and prognosis for ARDS. <i>Pulmonary Circulation</i> , 2018, 8, 1-12.	0.8	62
425	Highlights in acute respiratory failure. <i>European Respiratory Review</i> , 2018, 27, 180008.	3.0	47
426	Analysing tidal volumes early after a positive end-expiratory pressure increase: a new way to determine optimal PEEP in the operating theatre?. <i>British Journal of Anaesthesia</i> , 2018, 120, 623-626.	1.5	100
427	Update in Critical Care Medicine 2017. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 1382-1388.	2.5	1
428	Amicus or Adversary Revisited: Platelets in Acute Lung Injury and Acute Respiratory Distress Syndrome. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2018, 59, 18-35.	1.4	50



#	ARTICLE	IF	CITATIONS
429	The effects of hemoglobin glutamer-200 and iNO on pulmonary vascular tone and arterial oxygenation in an experimental acute respiratory distress syndrome. <i>Pulmonary Pharmacology and Therapeutics</i> , 2018, 49, 130-133.	1.1	4
430	The Feasibility of Venovenous ECMO at Role-2 Facilities in Austere Military Environments. <i>Military Medicine</i> , 2018, 183, e644-e648.	0.4	7
431	Acute respiratory distress syndrome in mechanically ventilated patients with community-acquired pneumonia. <i>European Respiratory Journal</i> , 2018, 51, 1702215.	3.1	45
432	The maximum expression of hypoxia and hypoventilation: Acute respiratory distress syndrome. <i>Revista Médica Del Hospital General De México</i> , 2018, 81, 47-58.	0.0	2
433	Intensive care medicine in 2050: ventilator-induced lung injury. <i>Intensive Care Medicine</i> , 2018, 44, 76-78.	3.9	22
434	Closed-loop mechanical ventilation for lung injury: a novel physiological-feedback mode following the principles of the open lung concept. <i>Journal of Clinical Monitoring and Computing</i> , 2018, 32, 493-502.	0.7	9
435	Continuous Negative Abdominal Pressure Recruits Lungs at Lower Distending Pressures. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 534-537.	2.5	11
436	Extracorporeal membrane oxygenation support may be a lifesaving modality in patients with burn and severe acute respiratory distress syndrome: Experience of Formosa Water Park dust explosion disaster in Taiwan. <i>Burns</i> , 2018, 44, 118-123.	1.1	15
437	Sedation Practice in Extracorporeal Membrane Oxygenation-Treated Patients with Acute Respiratory Distress Syndrome: A Retrospective Study. <i>ASAIO Journal</i> , 2018, 64, 544-551.	0.9	44
438	In vivo lung perfusion rehabilitates sepsis-induced lung injury. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 155, 440-448.e2.	0.4	15
439	Acute Respiratory Distress Syndrome Cases Volume and ICU Mortality in Medical Patients. <i>Critical Care Medicine</i> , 2018, 46, e33-e40.	0.4	14
440	Might High-Frequency Oscillatory Ventilation Improve the Prognosis of More Severe Acute Respiratory Distress Syndrome? Not So Sure. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 838-839.	2.5	1
441	Reply to Dreyfuss and Gaudry: Might High-Frequency Oscillatory Ventilation Improve the Prognosis of More Severe Acute Respiratory Distress Syndrome? Not So Sure. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 839-839.	2.5	0
442	Improving Long-Term Outcomes After Sepsis. <i>Critical Care Clinics</i> , 2018, 34, 175-188.	1.0	40
443	The Role of Rescue Therapies in the Treatment of Severe ARDS. <i>Respiratory Care</i> , 2018, 63, 92-101.	0.8	47
444	Interleukin-10-Overexpressing Mesenchymal Stromal Cells Induce a Series of Regulatory Effects in the Inflammatory System and Promote the Survival of Endotoxin-Induced Acute Lung Injury in Mice Model. <i>DNA and Cell Biology</i> , 2018, 37, 53-61.	0.9	44
445	Low tidal volume ventilation use remains low in patients with acute respiratory distress syndrome at a single center. <i>Journal of Critical Care</i> , 2018, 44, 72-76.	1.0	21
446	Determination of respiratory system compliance during pressure support ventilation by small variations of pressure support. <i>Journal of Clinical Monitoring and Computing</i> , 2018, 32, 741-751.	0.7	8

#	ARTICLE	IF	CITATIONS
447	Recent directions in personalised acute respiratory distress syndrome medicine. <i>Anaesthesia, Critical Care &amp; Pain Medicine</i> , 2018, 37, 251-258.	0.6	26
448	Post-ICU psychological morbidity in very long ICU stay patients with ARDS and delirium. <i>Journal of Critical Care</i> , 2018, 43, 88-94.	1.0	40
449	Ten tips to facilitate understanding and clinical use of esophageal pressure manometry. <i>Intensive Care Medicine</i> , 2018, 44, 220-222.	3.9	11
450	Co-infection with influenza-associated acute respiratory distress syndrome requiring extracorporeal membrane oxygenation. <i>International Journal of Antimicrobial Agents</i> , 2018, 51, 427-433.	1.1	17
451	Systemic recovery and therapeutic effects of transplanted allogenic and xenogenic mesenchymal stromal cells in a rat blunt chest trauma model. <i>Cytotherapy</i> , 2018, 20, 218-231.	0.3	9
452	Inhaled Anesthetics in Acute Lung Injury. <i>International Anesthesiology Clinics</i> , 2018, 56, 118-130.	0.3	2
453	Ventilator-Free Day Outcomes Can Be Misleading. <i>Critical Care Medicine</i> , 2018, 46, 425-429.	0.4	36
454	An Observational Study of the Efficacy of Cisatracurium Compared with Vecuronium in Patients with or at Risk for Acute Respiratory Distress Syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 897-904.	2.5	41
455	The Basic Science and Molecular Mechanisms of Lung Injury and Acute Respiratory Distress Syndrome. <i>International Anesthesiology Clinics</i> , 2018, 56, 1-25.	0.3	22
456	Approaches and techniques to avoid development or progression of acute respiratory distress syndrome. <i>Current Opinion in Critical Care</i> , 2018, 24, 10-15.	1.6	4
457	Risk Factors for the Development of Acute Respiratory Distress Syndrome Following Hemorrhage. <i>Shock</i> , 2018, 50, 258-264.	1.0	45
458	A prospective international observational prevalence study on prone positioning of ARDS patients: the APRONET (ARDS Prone Position Network) study. <i>Intensive Care Medicine</i> , 2018, 44, 22-37.	3.9	226
459	Physiologic Evaluation of Ventilation Perfusion Mismatch and Respiratory Mechanics at Different Positive End-expiratory Pressure in Patients Undergoing Protective One-lung Ventilation. <i>Anesthesiology</i> , 2018, 128, 531-538.	1.3	55
460	Looking beyond macroventilatory parameters and rethinking ventilator-induced lung injury. <i>Journal of Applied Physiology</i> , 2018, 124, 1214-1218.	1.2	12
461	Indications for extracorporeal support: why do we need the results of the EOLIA trial?. <i>Medizinische Klinik - Intensivmedizin Und Notfallmedizin</i> , 2018, 113, 21-25.	0.4	10
462	Does a Mobile ECLS Program Reduce Mortality for Patients Transported for ECLS Therapy for Severe Acute Respiratory Failure?. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2018, 32, 1137-1141.	0.6	5
463	Association of Driving Pressure With Mortality Among Ventilated Patients With Acute Respiratory Distress Syndrome: A Systematic Review and Meta-Analysis*. <i>Critical Care Medicine</i> , 2018, 46, 300-306.	0.4	96
464	Lessons to learn from epidemiologic studies in ARDS. <i>Current Opinion in Critical Care</i> , 2018, 24, 41-48.	1.6	59

#	ARTICLE	IF	CITATIONS
465	Does high PEEP prevent alveolar cycling?. Medizinische Klinik - Intensivmedizin Und Notfallmedizin, 2018, 113, 7-12.	0.4	10
466	When the momentum has gone. Current Opinion in Critical Care, 2018, 24, 23-28.	1.6	8
467	Late mortality after acute hypoxic respiratory failure. Thorax, 2018, 73, 618-625.	2.7	26
468	Inhaled epoprostenol for acute respiratory distress syndrome. Nurs Crit Care (Ambler), 2018, 13, 6-13.	0.3	0
469	miR-16 inhibits hyperoxia-induced cell apoptosis in human alveolar epithelial cells. Molecular Medicine Reports, 2018, 17, 5950-5957.	1.1	10
470	Change is in the air: dying to breathe oxygen in acute respiratory distress syndrome?. Journal of Thoracic Disease, 2018, 10, S2133-S2137.	0.6	7
471	Management of pneumonia in intensive care. Journal of Emergency and Critical Care Medicine, 0, 2, 101-101.	0.7	22
472	Cell therapy in acute respiratory distress syndrome. Journal of Thoracic Disease, 2018, 10, 5607-5620.	0.6	46
473	Between hypoxia or hyperoxia: not perfect but more physiologic. Journal of Thoracic Disease, 2018, 10, S2052-S2054.	0.6	8
474	The Acute Respiratory Distress Syndrome ventilatory management is still a complicated picture. Journal of Thoracic Disease, 2018, 10, S4101-S4103.	0.6	1
475	The 25th birthday and premature death of the open lung approach?â€”from science, through art, towards precision medicine. Journal of Thoracic Disease, 2018, 10, 135-137.	0.6	0
476	What does the Acute Respiratory Distress Syndrome trial (ART) teach us?â€”it is time for precision medicine and precision trials in critical care!. Journal of Thoracic Disease, 2018, 10, 1300-1303.	0.6	1
477	Prone Positioning for ARDS: still misunderstood and misused. Journal of Thoracic Disease, 2018, 10, S2079-S2082.	0.6	6
478	Prone positioning acute respiratory distress syndrome patients. Journal of Thoracic Disease, 2018, 10, S2092-S2094.	0.6	2
479	In acute respiratory distress syndrome, is extracorporeal membrane oxygenation an adjuvant for â€œeveryoneâ€?. Journal of Thoracic Disease, 2018, 10, S2035-S2039.	0.6	0
480	The PRESET-Score: the extrapulmonary predictive survival model for extracorporeal membrane oxygenation in severe acute respiratory distress syndrome. Journal of Thoracic Disease, 2018, 10, S2040-S2044.	0.6	7
481	Acute respiratory distress syndromeâ€”a worldwide economic perspective. Journal of Thoracic Disease, 2018, 10, 570-575.	0.6	2
482	Atelectrauma or volutrauma: the dilemma. Journal of Thoracic Disease, 2018, 10, 1258-1264.	0.6	18

#	ARTICLE	IF	CITATIONS
483	A novel survival prediction model of ECMO in acute respiratory distress syndrome: things to consider for optimal use. <i>Journal of Thoracic Disease</i> , 2018, 10, 1149-1151.	0.6	1
484	Supplemental oxygen or something else?. <i>Journal of Thoracic Disease</i> , 2018, 10, S3211-S3214.	0.6	3
485	Caring for the critically ill patients over 80: a narrative review. <i>Annals of Intensive Care</i> , 2018, 8, 114.	2.2	96
486	Risk factors and prognosis of acute respiratory distress syndrome following abdominal surgery. <i>Experimental and Therapeutic Medicine</i> , 2018, 17, 159-164.	0.8	3
487	Actualités dans la prise en charge du syndrome de détresse respiratoire aiguë. <i>Revue Des Maladies Respiratoires Actualites</i> , 2018, 10, 177-181.	0.0	0
488	Pulmonary Vascular Endothelial Cells. , 0, , .		7
489	Anticoagulant therapy in acute respiratory distress syndrome. <i>Annals of Translational Medicine</i> , 2018, 6, 36-36.	0.7	44
490	Diagnosis of acute respiratory distress syndrome by exhaled breath analysis. <i>Annals of Translational Medicine</i> , 2018, 6, 33-33.	0.7	24
491	Assessing breathing effort in mechanical ventilation: physiology and clinical implications. <i>Annals of Translational Medicine</i> , 2018, 6, 387-387.	0.7	53
492	Is the mechanical power the final word on ventilator-induced lung injury? "we are not sure. <i>Annals of Translational Medicine</i> , 2018, 6, 395-395.	0.7	25
493	Syndecan-2-positive, Bone Marrow-derived Human Mesenchymal Stromal Cells Attenuate Bacterial-induced Acute Lung Injury and Enhance Resolution of Ventilator-induced Lung Injury in Rats. <i>Anesthesiology</i> , 2018, 129, 502-516.	1.3	45
494	Clinical features and outcome of patients with acute respiratory failure revealing anti-synthetase or anti-MDA-5 dermatopulmonary syndrome: a French multicenter retrospective study. <i>Annals of Intensive Care</i> , 2018, 8, 87.	2.2	60
495	Predictors of survival in patients with influenza pneumonia-related severe acute respiratory distress syndrome treated with prone positioning. <i>Annals of Intensive Care</i> , 2018, 8, 94.	2.2	20
496	How to ventilate the anesthetized child with the modern anesthesia machines?. <i>Colombian Journal of Anesthesiology</i> , 2018, 46, 58-65.	0.5	2
497	Pharmacotherapy for Adult Patients with Acute Respiratory Distress Syndrome. <i>Chinese Medical Journal</i> , 2018, 131, 1138-1141.	0.9	9
498	Prospective Assessment of the Feasibility of a Trial of Low Tidal Volume Ventilation for Patients with Acute Respiratory Failure. <i>Annals of the American Thoracic Society</i> , 2019, 16, 356-362.	1.5	20
499	The Pathogenic Involvement of Neutrophils in Acute Respiratory Distress Syndrome and Transfusion-Related Acute Lung Injury. <i>Transfusion Medicine and Hemotherapy</i> , 2018, 45, 290-298.	0.7	70
500	Targeted delivery of YSA-functionalized and non-functionalized polymeric nanoparticles to injured pulmonary vasculature. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 1059-1066.	1.9	14

#	ARTICLE	IF	CITATIONS
501	Higher PEEP improves outcomes in ARDS patients with clinically objective positive oxygenation response to PEEP: a systematic review and meta-analysis. <i>BMC Anesthesiology</i> , 2018, 18, 172.	0.7	44
502	The acute respiratory distress syndrome: pathophysiology, current clinical practice, and emerging therapies. <i>Expert Review of Respiratory Medicine</i> , 2018, 12, 1021-1029.	1.0	42
503	Oleic Acid-Injection in Pigs As a Model for Acute Respiratory Distress Syndrome. <i>Journal of Visualized Experiments</i> , 2018, , .	0.2	11
504	Shock Wave Therapy Enhances Mitochondrial Delivery into Target Cells and Protects against Acute Respiratory Distress Syndrome. <i>Mediators of Inflammation</i> , 2018, 2018, 1-16.	1.4	6
505	Early Graft Dysfunction After Lung Transplantation. <i>Current Pulmonology Reports</i> , 2018, 7, 176-187.	0.5	9
506	Red-flag sepsis and SOFA identifies different patient population at risk of sepsis-related deaths on the general ward. <i>Medicine (United States)</i> , 2018, 97, e13238.	0.4	22
507	Neutrophil extracellular traps (NETs) are increased in the alveolar spaces of patients with ventilator-associated pneumonia. <i>Critical Care</i> , 2018, 22, 358.	2.5	109
508	Acute Respiratory Distress Syndrome and Prone Positioning. <i>AACN Advanced Critical Care</i> , 2018, 29, 415-425.	0.6	31
509	Current Status and Future Opportunities in Lung Precision Medicine Research with a Focus on Biomarkers. An American Thoracic Society/National Heart, Lung, and Blood Institute Research Statement. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, e116-e136.	2.5	49
510	Quantitative Dual-Energy Computed Tomography Predicts Regional Perfusion Heterogeneity in a Model of Acute Lung Injury. <i>Journal of Computer Assisted Tomography</i> , 2018, 42, 866-872.	0.5	13
511	Acute Respiratory Failure and Pulmonary Complications in End-Stage Liver Disease. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2018, 39, 546-555.	0.8	12
512	Heart-lung interactions in acute respiratory distress syndrome: pathophysiology, detection and management strategies. <i>Annals of Translational Medicine</i> , 2018, 6, 27-27.	0.7	20
513	Mechanical power of ventilation is associated with mortality in critically ill patients: an analysis of patients in two observational cohorts. <i>Intensive Care Medicine</i> , 2018, 44, 1914-1922.	3.9	323
514	The future of driving pressure: a primary goal for mechanical ventilation?. <i>Journal of Intensive Care</i> , 2018, 6, 64.	1.3	30
515	Bedside assessment of lung aeration and stretch. <i>British Journal of Anaesthesia</i> , 2018, 121, 1001-1004.	1.5	3
516	Beyond Low Tidal Volume Ventilation: Treatment Adjuncts for Severe Respiratory Failure in Acute Respiratory Distress Syndrome. <i>Critical Care Medicine</i> , 2018, 46, 1820-1831.	0.4	44
517	Dual effects of human neutrophil peptides in a mouse model of pneumonia and ventilator-induced lung injury. <i>Respiratory Research</i> , 2018, 19, 190.	1.4	12
518	Fibronectin (FN) cooperated with TLR2/TLR4 receptor to promote innate immune responses of macrophages via binding to integrin $\alpha$ 1. <i>Virulence</i> , 2018, 9, 1588-1600.	1.8	20

#	ARTICLE	IF	CITATIONS
520	ABO blood types and major outcomes in patients with acute hypoxaemic respiratory failure: A multicenter retrospective cohort study. PLoS ONE, 2018, 13, e0206403.	1.1	18
521	Extracorporeal carbon dioxide removal for lowering the risk of mechanical ventilation: research questions and clinical potential for the future. Lancet Respiratory Medicine, 2018, 6, 874-884.	5.2	62
522	Thoracic Bleeding Complications in Patients With Venovenous Extracorporeal Membrane Oxygenation. Annals of Thoracic Surgery, 2018, 106, 1668-1674.	0.7	17
523	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
524	Respiratory failure requiring mechanical ventilation in critically ill adults in Ghana: A prospective observational study. African Journal of Emergency Medicine, 2018, 8, 155-157.	0.4	7
525	Electrical impedance tomography. Annals of Translational Medicine, 2018, 6, 26-26.	0.7	53
526	In Vitro Method to Control Concentrations of Halogenated Gases in Cultured Alveolar Epithelial Cells. Journal of Visualized Experiments, 2018, , .	0.2	0
527	Lessons From ARDS for Non-ARDS Research. JAMA - Journal of the American Medical Association, 2018, 320, 1863.	3.8	10
528	Electrical impedance tomography in acute respiratory distress syndrome. Critical Care, 2018, 22, 263.	2.5	112
529	Effects of positive end-expiratory pressure strategy in supine and prone position on lung and chest wall mechanics in acute respiratory distress syndrome. Annals of Intensive Care, 2018, 8, 86.	2.2	20
530	Positive end-expiratory pressure titrated according to respiratory system mechanics or to ARDSNetwork table did not guarantee positive end-expiratory transpulmonary pressure in acute respiratory distress syndrome. Journal of Critical Care, 2018, 48, 433-442.	1.0	9
531	Respiratory Critical Care in the Elderly. , 0, , 51-62.		0
532	Weaning from Mechanical Ventilation in ARDS: Aspects to Think about for Better Understanding, Evaluation, and Management. BioMed Research International, 2018, 2018, 1-12.	0.9	18
533	Angiotensin II type 2 receptor agonist Compound 21 attenuates pulmonary inflammation in a model of acute lung injury. Journal of Inflammation Research, 2018, Volume 11, 169-178.	1.6	18
534	Clinical Application of Mesenchymal Stem Cell-Derived Extracellular Vesicle-Based Therapeutics for Inflammatory Lung Diseases. Journal of Clinical Medicine, 2018, 7, 355.	1.0	128
535	Non-ventilatory therapies for acute respiratory distress syndrome. Minerva Anestesiologica, 2018, 84, 1093-1101.	0.6	4
536	Acute Respiratory Distress Syndrome. Chinese Medical Journal, 2018, 131, 1220-1224.	0.9	30
537	Lung-protective Ventilation for Acute Respiratory Distress Syndrome. Academic Emergency Medicine, 2018, 26, 109-112.	0.8	2

#	ARTICLE	IF	CITATIONS
538	Epidemiology of Cause of Death in Pediatric Acute Respiratory Distress Syndrome. <i>Critical Care Medicine</i> , 2018, 46, 1811-1819.	0.4	43
539	Pediatric Acute Respiratory Distress Syndrome Survivors—What Happens After the PICU?*. <i>Critical Care Medicine</i> , 2018, 46, 1866-1867.	0.4	0
540	Extracorporeal Membrane Oxygenation for Severe Acute Respiratory Distress Syndrome and Posterior Probability of Mortality Benefit in a Post Hoc Bayesian Analysis of a Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2018, 320, 2251.	3.8	367
541	Plasma angiopoietin-2 as a potential causal marker in sepsis-associated ARDS development: evidence from Mendelian randomization and mediation analysis. <i>Intensive Care Medicine</i> , 2018, 44, 1849-1858.	3.9	89
542	Cortical Actin Dynamics in Endothelial Permeability. <i>Current Topics in Membranes</i> , 2018, 82, 141-195.	0.5	35
543	Schisandrin Attenuates Lipopolysaccharide-Induced Lung Injury by Regulating TLR-4 and Akt/FoxO1 Signaling Pathways. <i>Frontiers in Physiology</i> , 2018, 9, 1104.	1.3	39
544	Hypoxemia in the ICU: prevalence, treatment, and outcome. <i>Annals of Intensive Care</i> , 2018, 8, 82.	2.2	53
545	Acylated catalpol diglycoside ameliorates lipopolysaccharides-induced acute lung injury through inhibition of iNOS and TNF- $\alpha$ expression. <i>Journal of Biochemical and Molecular Toxicology</i> , 2018, 32, e22214.	1.4	4
546	POINT: Should Computerized Protocols Replace Physicians for Managing Mechanical Ventilation? Yes. <i>Chest</i> , 2018, 154, 479-481.	0.4	3
547	Recent advances in understanding and treating acute respiratory distress syndrome. <i>F1000Research</i> , 2018, 7, 1322.	0.8	64
548	MicroRNA-27a alleviates LPS-induced acute lung injury in mice via inhibiting inflammation and apoptosis through modulating TLR4/MyD88/NF- $\kappa$ B pathway. <i>Cell Cycle</i> , 2018, 17, 2001-2018.	1.3	169
549	Optimal duration of prone positioning in patients with acute respiratory distress syndrome: a protocol for a systematic review and meta-regression analysis. <i>BMJ Open</i> , 2018, 8, e021408.	0.8	7
550	Survival predictors in elderly patients with acute respiratory distress syndrome: a prospective observational cohort study. <i>Scientific Reports</i> , 2018, 8, 13459.	1.6	21
551	Integration of Pulmonary Mechanics in a Personalized Approach to Mechanical Ventilation. <i>Respiratory Care</i> , 2018, 63, 1194-1196.	0.8	1
552	Pressure support ventilation + sigh in acute hypoxemic respiratory failure patients: study protocol for a pilot randomized controlled trial, the PROTECTION trial. <i>Trials</i> , 2018, 19, 460.	0.7	3
553	A modified acute respiratory distress syndrome prediction score: a multicenter cohort study in China. <i>Journal of Thoracic Disease</i> , 2018, 10, 5764-5773.	0.6	12
554	Mild to Moderate to Severe: What Drives the Severity of ARDS in Trauma Patients?. <i>American Surgeon</i> , 2018, 84, 808-812.	0.4	13
555	Practice of diagnosis and management of acute respiratory distress syndrome in mainland China: a cross-sectional study. <i>Journal of Thoracic Disease</i> , 2018, 10, 5394-5404.	0.6	27



#	ARTICLE	IF	CITATIONS
556	Never give the lung the opportunity to collapse. Trends in Anaesthesia and Critical Care, 2018, 22, 10-16.	0.4	4
557	Optimising experimental research in respiratory diseases: an ERS statement. European Respiratory Journal, 2018, 51, 1702133.	3.1	98
558	Open Lung Biopsy in Nonresolving Acute Respiratory Distress Syndrome. Critical Care Medicine, 2018, 46, 1017-1018.	0.4	0
559	Extracorporeal Membrane Oxygenation for Severe Acute Respiratory Distress Syndrome. New England Journal of Medicine, 2018, 378, 1965-1975.	13.9	1,563
560	Acute Respiratory Distress Syndrome: Can Data from the Sick Guide Care for the Healthy?. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 830-832.	2.5	2
561	Pirfenidone ameliorates lipopolysaccharide-induced pulmonary inflammation and fibrosis by blocking NLRP3 inflammasome activation. Molecular Immunology, 2018, 99, 134-144.	1.0	115
563	Acute respiratory distress syndrome without identifiable risk factors: A secondary analysis of the ARDS network trials. Journal of Critical Care, 2018, 47, 49-54.	1.0	12
564	Practice of mechanical ventilation in cardiac arrest patients and effects of targeted temperature management: A substudy of the targeted temperature management trial. Resuscitation, 2018, 129, 29-36.	1.3	23
565	Attenuation of murine acute lung injury by PF-573,228, an inhibitor of focal adhesion kinase. Vascular Pharmacology, 2018, 110, 16-23.	1.0	10
566	TRPV4 inhibition attenuates stretch-induced inflammatory cellular responses and lung barrier dysfunction during mechanical ventilation. PLoS ONE, 2018, 13, e0196055.	1.1	46
567	Desflurane Attenuates Ventilator-Induced Lung Injury in Rats with Acute Respiratory Distress Syndrome. BioMed Research International, 2018, 2018, 1-9.	0.9	15
568	Simulation-Based Evaluation of Mechanical Ventilators. Respiratory Care, 2018, 63, 936-940.	0.8	8
569	Respiratory and Ventilatory Assessment. , 2018, , 59-105.		1
570	Cost Analysis of Noninvasive Helmet Ventilation Compared with Use of Noninvasive Face Mask in ARDS. Canadian Respiratory Journal, 2018, 2018, 1-5.	0.8	10
571	Salvage therapies for refractory hypoxemia in ARDS. Respiratory Medicine, 2018, 141, 150-158.	1.3	39
572	Mice Lacking the Cytochrome P450 1B1 Gene Are Less Susceptible to Hyperoxic Lung Injury Than Wild Type. Toxicological Sciences, 2018, 165, 462-474.	1.4	17
573	Different concentrations of lipopolysaccharide regulate barrier function through the PI3K/Akt signalling pathway in human pulmonary microvascular endothelial cells. Scientific Reports, 2018, 8, 9963.	1.6	51
574	Accuracy of Delivery and Effects on Absolute Humidity of Low Tidal Volume by ICU Ventilators. Respiratory Care, 2018, 63, 1253-1263.	0.8	3



#	ARTICLE	IF	CITATIONS
575	Candidate Genes as Biomarkers in Lipopolysaccharide-Induced Acute Respiratory Distress Syndrome Based on mRNA Expression Profile by Next-Generation RNA-Seq Analysis. <i>BioMed Research International</i> , 2018, 2018, 1-9.	0.9	6
576	Size matters: An observational study investigating estimated height as a reference size for calculating tidal volumes if low tidal volume ventilation is required. <i>PLoS ONE</i> , 2018, 13, e0199917.	1.1	20
577	Critical care outcomes in resource-limited settings. <i>Current Opinion in Critical Care</i> , 2018, 24, 421-427.	1.6	39
578	Early acute respiratory distress syndrome after pneumonectomy: Presentation, management, and short- and long-term outcomes. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 156, 1706-1714.e5.	0.4	16
579	Acute respiratory distress syndrome subphenotypes and differential response to simvastatin: secondary analysis of a randomised controlled trial. <i>Lancet Respiratory Medicine</i> , 2018, 6, 691-698.	5.2	455
580	APRV for ARDS: the complexities of a mode and how it affects even the best trials. <i>Journal of Thoracic Disease</i> , 2018, 10, S1058-S1063.	0.6	25
581	Impact of Different Tidal Volume Levels at Low Mechanical Power on Ventilator-Induced Lung Injury in Rats. <i>Frontiers in Physiology</i> , 2018, 9, 318.	1.3	36
582	Evolution of ARDS biomarkers: Will metabolomics be the answer?. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018, 315, L526-L534.	1.3	30
583	Plasma sRAGE is independently associated with increased mortality in ARDS: a meta-analysis of individual patient data. <i>Intensive Care Medicine</i> , 2018, 44, 1388-1399.	3.9	82
584	T follicular regulatory cells infiltrate the human airways during the onset of acute respiratory distress syndrome and regulate the development of B regulatory cells. <i>Immunologic Research</i> , 2018, 66, 548-554.	1.3	7
585	Extracorporeal organ support (ECOS) in critical illness and acute kidney injury: from native to artificial organ crosstalk. <i>Intensive Care Medicine</i> , 2018, 44, 1447-1459.	3.9	75
586	Patterns of Death in Patients with Sepsis and the Use of Hydrocortisone, Ascorbic Acid, and Thiamine to Prevent These Deaths. <i>Surgical Infections</i> , 2018, 19, 812-820.	0.7	10
587	Continuous negative abdominal pressure: mechanism of action and comparison with prone position. <i>Journal of Applied Physiology</i> , 2018, 125, 107-116.	1.2	13
588	Integrative Physiology of Pneumonia. <i>Physiological Reviews</i> , 2018, 98, 1417-1464.	13.1	154
589	Death to the neutrophil! A resolution for acute respiratory distress syndrome?. <i>European Respiratory Journal</i> , 2018, 52, 1801274.	3.1	13
590	Stabilization of Hypoxia-Inducible Factor-1 Alpha Augments the Therapeutic Capacity of Bone Marrow-Derived Mesenchymal Stem Cells in Experimental Pneumonia. <i>Frontiers in Medicine</i> , 2018, 5, 131.	1.2	12
591	Influence of Clinical Factors and Exclusion Criteria on Mortality in ARDS Observational Studies and Randomized Controlled Trials. <i>Respiratory Care</i> , 2018, 63, 1060-1069.	0.8	24
592	Daily use of extracorporeal CO2 removal in a critical care unit: indications and results. <i>Journal of Intensive Care</i> , 2018, 6, 36.	1.3	30

#	ARTICLE	IF	CITATIONS
593	New Insights into the Immune Molecular Regulation of the Pathogenesis of Acute Respiratory Distress Syndrome. <i>International Journal of Molecular Sciences</i> , 2018, 19, 588.	1.8	70
594	Acute lung injury: how to stabilize a broken lung. <i>Critical Care</i> , 2018, 22, 136.	2.5	53
595	Recruitment maneuver does not provide any mortality benefit over lung protective strategy ventilation in adult patients with acute respiratory distress syndrome: a meta-analysis and systematic review of the randomized controlled trials. <i>Journal of Intensive Care</i> , 2018, 6, 35.	1.3	14
596	Safety incidents in airway and mechanical ventilation in Spanish ICUs: The IVeMVA study. <i>Journal of Critical Care</i> , 2018, 47, 238-244.	1.0	9
597	Acetylcholine receptor antagonists in acute respiratory distress syndrome: much more than muscle relaxants. <i>Critical Care</i> , 2018, 22, 132.	2.5	1
598	Immunocompromised patients with acute respiratory distress syndrome: secondary analysis of the LUNG SAFE database. <i>Critical Care</i> , 2018, 22, 157.	2.5	84
599	Application of prone position in hypoxaemic patients supported by veno-venous ECMO. <i>Intensive and Critical Care Nursing</i> , 2018, 48, 61-68.	1.4	39
600	Potentially modifiable respiratory variables contributing to outcome in ICU patients without ARDS: a secondary analysis of PRoVENT. <i>Annals of Intensive Care</i> , 2018, 8, 39.	2.2	22
601	Molecular imaging of pulmonary diseases. <i>Respiratory Research</i> , 2018, 19, 17.	1.4	16
602	Acute exacerbation of idiopathic pulmonary fibrosis: lessons learned from acute respiratory distress syndrome?. <i>Critical Care</i> , 2018, 22, 80.	2.5	66
603	Predictive Validity of Sepsis-3 Definitions and Sepsis Outcomes in Critically Ill Patients: A Cohort Study in 49 ICUs in Argentina. <i>Critical Care Medicine</i> , 2018, 46, 1276-1283.	0.4	22
604	Community-acquired Pneumonia and Acute Respiratory Distress Syndrome: Prevalence, Risk, and Prognosis. <i>Clinical Pulmonary Medicine</i> , 2018, 25, 100-106.	0.3	1
605	Feasibility and safety of low-flow extracorporeal CO2 removal managed with a renal replacement platform to enhance lung-protective ventilation of patients with mild-to-moderate ARDS. <i>Critical Care</i> , 2018, 22, 122.	2.5	69
606	RELAX â€œ R Estricted versus Liberal positive end-expiratory pressure in patients without ARDS: protocol for a randomized controlled trial. <i>Trials</i> , 2018, 19, 272.	0.7	15
607	Mesenchymal Stem Cell Microvesicles Restore Protein Permeability Across Primary Cultures of Injured Human Lung Microvascular Endothelial Cells. <i>Stem Cells Translational Medicine</i> , 2018, 7, 615-624.	1.6	90
608	Chest radiography versus lung ultrasound for identification of acute respiratory distress syndrome: a retrospective observational study. <i>Critical Care</i> , 2018, 22, 203.	2.5	46
609	Epidemiology and patterns of tracheostomy practice in patients with acute respiratory distress syndrome in ICUs across 50 countries. <i>Critical Care</i> , 2018, 22, 195.	2.5	91
610	Inflammatory and Fibrinolytic System in Acute Respiratory Distress Syndrome. <i>Lung</i> , 2018, 196, 609-616.	1.4	52

#	ARTICLE	IF	CITATIONS
611	Extended neuromuscular blockade in acute respiratory distress syndrome does not increase mortality. <i>Journal of Surgical Research</i> , 2018, 231, 434-440.	0.8	3
612	Double Cycling During Mechanical Ventilation: Frequency, Mechanisms, and Physiologic Implications*. <i>Critical Care Medicine</i> , 2018, 46, 1385-1392.	0.4	53
613	Saquinavir plus methylprednisolone ameliorates experimental acute lung injury. <i>Brazilian Journal of Medical and Biological Research</i> , 2018, 51, e7579.	0.7	15
614	Intraoperative initiation of a modified ARDSNet protocol increases survival of septic patients with severe acute respiratory distress syndrome. <i>Heart and Lung: Journal of Acute and Critical Care</i> , 2018, 47, 616-621.	0.8	15
615	A Novel Measurement System to Estimate the Trans-Pulmonary Pressure Exploiting the Central Venous Pressure and ECG Signals. , 2018, , .		2
616	Effects of bone marrow-derived mesenchymal stromal cells on gene expression in human alveolar type II cells exposed to TNF- $\alpha$ , IL-1 $\beta$ , and IFN- $\gamma$ . <i>Physiological Reports</i> , 2018, 6, e13831.	0.7	7
617	Protein kinase R-like endoplasmic reticulum kinase is a mediator of stretch in ventilator-induced lung injury. <i>Respiratory Research</i> , 2018, 19, 157.	1.4	12
618	Progressive myocardial injury is associated with mortality in the acute respiratory distress syndrome. <i>Journal of Critical Care</i> , 2018, 48, 26-31.	1.0	10
619	Diagnostic value of cardiopulmonary ultrasound in elderly patients with acute respiratory distress syndrome. <i>BMC Pulmonary Medicine</i> , 2018, 18, 136.	0.8	16
620	Modes of mechanical ventilation vary between hospitals and intensive care units within a university healthcare system: a retrospective observational study. <i>BMC Research Notes</i> , 2018, 11, 425.	0.6	19
621	Surfactant protein C dampens inflammation by decreasing JAK/STAT activation during lung repair. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018, 314, L882-L892.	1.3	40
622	Management and outcomes of acute respiratory distress syndrome patients with and without comorbid conditions. <i>Intensive Care Medicine</i> , 2018, 44, 1050-1060.	3.9	37
623	Impact of the driving pressure on mortality in obese and non-obese ARDS patients: a retrospective study of 362 cases. <i>Intensive Care Medicine</i> , 2018, 44, 1106-1114.	3.9	76
624	Evolution of Validated Biomarkers and Intraoperative Parameters in the Development of Postoperative ARDS. <i>Respiratory Care</i> , 2018, 63, 1331-1340.	0.8	9
625	Low endocan levels are predictive of Acute Respiratory Distress Syndrome in severe sepsis and septic shock. <i>Journal of Critical Care</i> , 2018, 47, 121-126.	1.0	24
626	Determinants and Prevention of Ventilator-Induced Lung Injury. <i>Critical Care Clinics</i> , 2018, 34, 343-356.	1.0	31
627	Asynchrony Consequences and Management. <i>Critical Care Clinics</i> , 2018, 34, 325-341.	1.0	68
628	Expediting assessments of database performance for streams of respiratory parameters. <i>Computers in Biology and Medicine</i> , 2018, 100, 186-195.	3.9	7

#	ARTICLE	IF	CITATIONS
629	Understanding Macrophages in Acute Respiratory Distress Syndrome: From Pathophysiology to Precision Medicine. <i>Critical Care Medicine</i> , 2018, 46, 1207-1208.	0.4	2
630	Diagnostic chest ultrasound for acute respiratory failure. <i>Respiratory Medicine</i> , 2018, 141, 26-36.	1.3	29
631	Determination of optimal positive end-expiratory pressure based on respiratory compliance and electrical impedance tomography: a pilot clinical comparative trial. <i>Biomedizinische Technik</i> , 2019, 64, 135-145.	0.9	8
632	Low to Moderate Air Pollutant Exposure and Acute Respiratory Distress Syndrome after Severe Trauma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 199, 62-70.	2.5	47
634	Airway Pathological Alterations Selectively Associated With Acute Respiratory Distress Syndrome and Diffuse Alveolar Damage – Narrative Review. <i>Archivos De Bronconeumologia</i> , 2019, 55, 31-37.	0.4	6
635	Risk factors and outcomes of acute respiratory distress syndrome in critically ill patients with cirrhosis. <i>Hepatology Research</i> , 2019, 49, 335-343.	1.8	23
636	First tidal volume greater than 8 mL/kg is associated with increased mortality in complicated influenza infection with acute respiratory distress syndrome. <i>Journal of the Formosan Medical Association</i> , 2019, 118, 378-385.	0.8	14
637	Lung Ultrasonography for Assessing Lung Aeration in Acute Respiratory Distress Syndrome: A Narrative Review. <i>Journal of Ultrasound in Medicine</i> , 2019, 38, 27-37.	0.8	27
638	Performance and applications of bedside visual inspection of airway pressure–time curve profiles for estimating stress index in patients with acute respiratory distress syndrome. <i>Journal of Clinical Monitoring and Computing</i> , 2019, 33, 281-290.	0.7	4
639	The evaluation of nursing workload within an Italian ECMO Centre: A retrospective observational study. <i>Intensive and Critical Care Nursing</i> , 2019, 55, 102749.	1.4	40
640	Therapeutic Effects of Hyaluronic Acid in Bacterial Pneumonia in <i>Ex Vivo</i> Perfused Human Lungs. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 200, 1234-1245.	2.5	29
641	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
642	Extracorporeal Life Support for Adults With Respiratory Failure and Related Indications. <i>JAMA - Journal of the American Medical Association</i> , 2019, 322, 557.	3.8	251
643	Ventilation in patients with intra-abdominal hypertension: what every critical care physician needs to know. <i>Annals of Intensive Care</i> , 2019, 9, 52.	2.2	78
644	Clinical epidemiology and mortality on patients with acute respiratory distress syndrome (ARDS) in Vietnam. <i>PLoS ONE</i> , 2019, 14, e0221114.	1.1	11
645	Ventilator-Associated Pneumonia and PaO <sub>2</sub> /FIO <sub>2</sub> Diagnostic Accuracy: Changing the Paradigm?. <i>Journal of Clinical Medicine</i> , 2019, 8, 1217.	1.0	13
646	Alpha 1-antitrypsin for treating ventilator-associated lung injury in acute respiratory distress syndrome rats. <i>Experimental Lung Research</i> , 2019, 45, 209-219.	0.5	9
647	Higher vs. Lower DP for Ventilated Patients with Acute Respiratory Distress Syndrome: A Systematic Review and Meta-Analysis. <i>Emergency Medicine International</i> , 2019, 2019, 1-12.	0.3	5

#	ARTICLE	IF	CITATIONS
648	RNAi therapeutic strategies for acute respiratory distress syndrome. <i>Translational Research</i> , 2019, 214, 30-49.	2.2	15
649	Renin-angiotensin-system, a potential pharmacological candidate, in acute respiratory distress syndrome during mechanical ventilation. <i>Pulmonary Pharmacology and Therapeutics</i> , 2019, 58, 101833.	1.1	58
650	Maximal Recruitment Open Lung Ventilation in Acute Respiratory Distress Syndrome (PHARLAP). A Phase II, Multicenter Randomized Controlled Clinical Trial. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 200, 1363-1372.	2.5	93
651	Materials engineering, mechanical power, protective ventilation and a parachute. <i>Medicina Intensiva (English Edition)</i> , 2019, 43, 513.	0.1	0
652	Personalised mechanical ventilation tailored to lung morphology versus low positive end-expiratory pressure for patients with acute respiratory distress syndrome in France (the LIVE study): a multicentre, single-blind, randomised controlled trial. <i>Lancet Respiratory Medicine</i> , 2019, 7, 870-880.	5.2	202
653	Early Neuromuscular Blockade in the Acute Respiratory Distress Syndrome. <i>New England Journal of Medicine</i> , 2019, 381, 785-788.	13.9	199
654	Demographics, management and outcome of females and males with acute respiratory distress syndrome in the LUNG SAFE prospective cohort study. <i>European Respiratory Journal</i> , 2019, 54, 1900609.	3.1	49
655	Factors associated with acute kidney injury in acute respiratory distress syndrome. <i>Annals of Intensive Care</i> , 2019, 9, 74.	2.2	115
656	Alveolar dynamics during mechanical ventilation in the healthy and injured lung. <i>Intensive Care Medicine Experimental</i> , 2019, 7, 34.	0.9	32
657	The diagnostic accuracy for ARDS of global versus regional lung ultrasound scores - a post hoc analysis of an observational study in invasively ventilated ICU patients. <i>Intensive Care Medicine Experimental</i> , 2019, 7, 44.	0.9	37
658	Usefulness of INTELLiVENT-ASV for postoperative ventilator-associated pneumonia: a case report. <i>JA Clinical Reports</i> , 2019, 5, 42.	0.2	0
659	Genomics and the Acute Respiratory Distress Syndrome: Current and Future Directions. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4004.	1.8	26
660	Formal guidelines: management of acute respiratory distress syndrome. <i>Annals of Intensive Care</i> , 2019, 9, 69.	2.2	478
661	Placenta Stem/Stromal Cell-Derived Extracellular Vesicles for Potential Use in Lung Repair. <i>Proteomics</i> , 2019, 19, e1800166.	1.3	23
662	Cell therapy for acute respiratory distress syndrome patients: the START study. <i>Journal of Thoracic Disease</i> , 2019, 11, S1329-S1332.	0.6	13
663	Endothelial Cell Mechano-Metabolomic Coupling to Disease States in the Lung Microvasculature. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 172.	2.0	33
664	Epidemiología, diferencias clínicas y desenlaces de pacientes con SDRA en unidades de cuidado intensivo de Colombia. <i>Acta Colombiana De Cuidado Intensivo</i> , 2019, 19, 74-80.	0.1	2
665	Advances in nutrition for the surgical patient. <i>Current Problems in Surgery</i> , 2019, 56, 343-398.	0.6	2

#	ARTICLE	IF	CITATIONS
666	Clinical predictors of renal non-recovery in acute respiratory distress syndrome. <i>BMC Nephrology</i> , 2019, 20, 255.	0.8	10
667	Prognosis of patients with acute respiratory failure and prolonged intensive care unit stay. <i>Journal of Thoracic Disease</i> , 2019, 11, 2051-2057.	0.6	15
668	Longtime Neurologic Outcome of Extracorporeal Membrane Oxygenation and Non Extracorporeal Membrane Oxygenation Acute Respiratory Distress Syndrome Survivors. <i>Journal of Clinical Medicine</i> , 2019, 8, 1020.	1.0	11
669	The Effect of Positive End-Expiratory Pressure on Lung Micromechanics Assessed by Synchrotron Radiation Computed Tomography in an Animal Model of ARDS. <i>Journal of Clinical Medicine</i> , 2019, 8, 1117.	1.0	7
670	Assessment of Therapeutic Interventions and Lung Protective Ventilation in Patients With Moderate to Severe Acute Respiratory Distress Syndrome. <i>JAMA Network Open</i> , 2019, 2, e198116.	2.8	64
671	NETs promote ALI/ARDS inflammation by regulating alveolar macrophage polarization. <i>Experimental Cell Research</i> , 2019, 382, 111486.	1.2	104
672	Lung-Kidney Cross-Talk. , 2019, , 741-747.e2.		0
673	IL-33-mediated IL-13 secretion by ST2+ Treg controls inflammation after lung injury. <i>JCI Insight</i> , 2019, 4, .	2.3	54
674	Epidemiology, Mechanical Power, and 3-Year Outcomes in Acute Respiratory Distress Syndrome Patients Using Standardized Screening. An Observational Cohort Study. <i>Annals of the American Thoracic Society</i> , 2019, 16, 1263-1272.	1.5	77
675	Extended Use of Extracorporeal Membrane Oxygenation for Acute Respiratory Distress Syndrome: A Retrospective Multicenter Study. <i>Tuberculosis and Respiratory Diseases</i> , 2019, 82, 251.	0.7	3
676	p-Coumaric Acid Attenuates Lipopolysaccharide-Induced Lung Inflammation in Rats by Scavenging ROS Production: an In Vivo and In Vitro Study. <i>Inflammation</i> , 2019, 42, 1939-1950.	1.7	41
677	Targeting transpulmonary pressure to prevent ventilator-induced lung injury. <i>Expert Review of Respiratory Medicine</i> , 2019, 13, 737-746.	1.0	38
678	Extracorporeal support of the respiratory system. <i>Anaesthesia and Intensive Care Medicine</i> , 2019, 20, 663-666.	0.1	0
679	Positive-end expiratory pressure titration and transpulmonary pressure: the EPVENT 2 trial. <i>Journal of Thoracic Disease</i> , 2019, 11, S2012-S2017.	0.6	5
680	Probability of benefit with the use of neuromuscular blockade in patients with acute respiratory distress syndrome. <i>Journal of Thoracic Disease</i> , 2019, 11, 3676-3680.	0.6	0
681	Extracorporeal Life Support: The Next Step in Moderate to Severe ARDSâ€”A Review and Meta-Analysis of the Literature. <i>BioMed Research International</i> , 2019, 2019, 1-11.	0.9	13
682	Cumulative fluid balance predicts mortality and increases time on mechanical ventilation in ARDS patients: An observational cohort study. <i>PLoS ONE</i> , 2019, 14, e0224563.	1.1	60
683	Does the antisecretory peptide AF-16 reduce lung oedema in experimental ARDS?. <i>Upsala Journal of Medical Sciences</i> , 2019, 124, 246-253.	0.4	2



#	ARTICLE	IF	CITATIONS
684	Computed tomography lung volume estimation to facilitate protective mechanical ventilation in a patient with achondroplasia and spina bifida. <i>Anaesthesia and Intensive Care</i> , 2019, 47, 474-475.	0.2	0
685	Adaptive mechanical ventilation with automated minimization of mechanical power—a pilot randomized cross-over study. <i>Critical Care</i> , 2019, 23, 338.	2.5	15
686	Which Anesthesia Regimen Should Be Used for Lung Surgery?. <i>Current Anesthesiology Reports</i> , 2019, 9, 464-473.	0.9	0
687	Long-term cognitive impairment after acute respiratory distress syndrome: a review of clinical impact and pathophysiological mechanisms. <i>Critical Care</i> , 2019, 23, 352.	2.5	235
688	Microvesicles as new therapeutic targets for the treatment of the acute respiratory distress syndrome (ARDS). <i>Expert Opinion on Therapeutic Targets</i> , 2019, 23, 931-941.	1.5	2
689	Presentations and outcomes of interstitial lung disease and the anti-Ro52 autoantibody. <i>Respiratory Research</i> , 2019, 20, 256.	1.4	23
690	Effect of lung recruitment maneuver on oxygenation, physiological parameters and mortality in acute respiratory distress syndrome patients: a systematic review and meta-analysis. <i>Intensive Care Medicine</i> , 2019, 45, 1691-1702.	3.9	44
692	Unique patterns of lower respiratory tract microbiota are associated with inflammation and hospital mortality in acute respiratory distress syndrome. <i>Respiratory Research</i> , 2019, 20, 246.	1.4	51
693	Difficulties in knowing which critical care trial data warrant change in practice. <i>Medical Journal of Australia</i> , 2019, 211, 306.	0.8	0
694	Severe Acute Respiratory Distress Syndrome. , 0, , .		0
695	Impact of fluid overload and infection on respiratory adverse event development during induction therapy for childhood acute myeloid leukemia. <i>Pediatric Blood and Cancer</i> , 2019, 66, e27975.	0.8	1
696	Simvastatin preparations promote PDGF $\alpha$ BB secretion to repair LPS-induced endothelial injury through the PDGFR $\beta$ /PI3K/Akt/IQGAP1 signalling pathway. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 8314-8327.	1.6	9
697	Outcomes of Noninvasive Positive Pressure Ventilation in Acute Respiratory Distress Syndrome and Their Predictors: A National Cohort. <i>Critical Care Research and Practice</i> , 2019, 2019, 1-8.	0.4	10
700	Should point-of-care ultrasonography replace stethoscopes in acute respiratory failure?. <i>BMJ: British Medical Journal</i> , 2019, 366, l5225.	2.4	5
701	Chest CT scan and alveolar procollagen III to predict lung fibroproliferation in acute respiratory distress syndrome. <i>Annals of Intensive Care</i> , 2019, 9, 42.	2.2	17
702	Does volatile sedation with sevoflurane allow spontaneous breathing during prolonged prone positioning in intubated ARDS patients? A retrospective observational feasibility trial. <i>Annals of Intensive Care</i> , 2019, 9, 41.	2.2	13
703	Ambulatory and stationary healthcare use in survivors of ARDS during the first year after discharge from ICU: findings from the DACAPO cohort. <i>Annals of Intensive Care</i> , 2019, 9, 70.	2.2	21
704	Long-term neurocognitive outcome is not worsened by of the use of venovenous ECMO in severe ARDS patients. <i>Annals of Intensive Care</i> , 2019, 9, 82.	2.2	33

#	ARTICLE	IF	CITATIONS
705	To Enjoy the FRUIT of Your Labors, Donâ€™t Forget to Look before You Leap!. Annals of the American Thoracic Society, 2019, 16, 309-310.	1.5	0
706	A Model of Self-limited Acute Lung Injury by Unilateral Intra-bronchial Acid Instillation. Journal of Visualized Experiments, 2019, , .	0.2	5
707	A multicenter RCT of noninvasive ventilation in pneumonia-induced early mild acute respiratory distress syndrome. Critical Care, 2019, 23, 300.	2.5	49
708	Driving Pressure: The Road Ahead. Respiratory Care, 2019, 64, 1017-1020.	0.8	3
709	JAK2/STAT1-mediated HMGB1 translocation increases inflammation and cell death in a ventilator-induced lung injury model. Laboratory Investigation, 2019, 99, 1810-1821.	1.7	24
710	Neuromuscular blocking agents for acute respiratory distress syndrome: how did we get conflicting results?. Critical Care, 2019, 23, 305.	2.5	6
711	The counter-intuitive role of the neutrophil in the acute respiratory distress syndrome. British Medical Bulletin, 2019, 131, 43-55.	2.7	33
712	Clinical Guideline for Treating Acute Respiratory Insufficiency with Invasive Ventilation and Extracorporeal Membrane Oxygenation: Evidence-Based Recommendations for Choosing Modes and Setting Parameters of Mechanical Ventilation. Respiration, 2019, 98, 357-372.	1.2	33
713	A quantitative approach for the analysis of clinician recognition of acute respiratory distress syndrome using electronic health record data. PLoS ONE, 2019, 14, e0222826.	1.1	6
714	Patient self-inflicted lung injury: implications for acute hypoxemic respiratory failure and ARDS patients on non-invasive support. Minerva Anestesiologica, 2019, 85, 1014-1023.	0.6	159
715	Cliniciansâ€™ Perceptions of Behavioral Economic Strategies to Increase the Use of Lung-Protective Ventilation. Annals of the American Thoracic Society, 2019, 16, 1543-1549.	1.5	6
716	Mesenchymal Stromal Cells Are More Effective Than Their Extracellular Vesicles at Reducing Lung Injury Regardless of Acute Respiratory Distress Syndrome Etiology. Stem Cells International, 2019, 2019, 1-15.	1.2	47
717	The tidal volume fix and moreâ€¦. Journal of Thoracic Disease, 2019, 11, E117-E122.	0.6	6
718	Effect of Vitamin C Infusion on Organ Failure and Biomarkers of Inflammation and Vascular Injury in Patients With Sepsis and Severe Acute Respiratory Failure. JAMA - Journal of the American Medical Association, 2019, 322, 1261.	3.8	604
719	Global transcriptional regulation of STAT3- and MYC-mediated sepsis-induced ARDS. Therapeutic Advances in Respiratory Disease, 2019, 13, 175346661987984.	1.0	35
720	PEEP titration guided by transpulmonary pressure: lessons from a negative trial. Journal of Thoracic Disease, 2019, 11, S1957-S1962.	0.6	3
721	Tracheostomy and long-term mortality in ICU patients undergoing prolonged mechanical ventilation. PLoS ONE, 2019, 14, e0220399.	1.1	18
722	Feasibility and safety of ultra-low tidal volume ventilation without extracorporeal circulation in moderately severe and severe ARDS patients. Intensive Care Medicine, 2019, 45, 1590-1598.	3.9	27



#	ARTICLE	IF	CITATIONS
723	Spontaneous Breathing in Acute Respiratory Distress Syndrome. <i>Critical Care Medicine</i> , 2019, 47, 297-298.	0.4	3
724	Effect of surfactant administration on outcomes of adult patients in acute respiratory distress syndrome: a meta-analysis of randomized controlled trials. <i>BMC Pulmonary Medicine</i> , 2019, 19, 9.	0.8	42
725	Whole blood RNA sequencing reveals a unique transcriptomic profile in patients with ARDS following hematopoietic stem cell transplantation. <i>Respiratory Research</i> , 2019, 20, 15.	1.4	16
726	Biomarkers for Acute Respiratory Distress syndrome and prospects for personalised medicine. <i>Journal of Inflammation</i> , 2019, 16, 1.	1.5	180
727	Red blood cell distribution width is an independent risk factor in the prediction of acute respiratory distress syndrome after severe burns. <i>Burns</i> , 2019, 45, 1158-1163.	1.1	15
728	Extracorporeal CO <sub>2</sub> removal and regional citrate anticoagulation in an experimental model of hypercapnic acidosis. <i>Artificial Organs</i> , 2019, 43, 719-727.	1.0	9
729	Prone Ventilatory Therapy in Critically Ill Cancer Patients. , 2019, , 1-8.		0
730	Initiation of venovenous extracorporeal membrane oxygenation in a patient receiving induction chemotherapy for acute myelogenous leukemia. <i>Journal of Oncology Pharmacy Practice</i> , 2019, 25, 1491-1496.	0.5	3
731	The Use of Volatile Anesthetics as Sedatives for Acute Respiratory Distress Syndrome. <i>Translational Perioperative and Pain Medicine</i> , 2019, 6, 27-38.	0.0	16
732	Guidelines on the management of acute respiratory distress syndrome. <i>BMJ Open Respiratory Research</i> , 2019, 6, e000420.	1.2	316
733	Impact of "opening the lung" ventilatory strategy on burn patients with acute respiratory distress syndrome. <i>Burns</i> , 2019, 45, 1841-1847.	1.1	6
734	Acute Respiratory Failure and Acute Respiratory Distress Syndrome in ACS Patient: What Are the Indications for Acute Intervention?. <i>Hot Topics in Acute Care Surgery and Trauma</i> , 2019, , 23-48.	0.1	0
735	Breathing and Ventilation during Extracorporeal Membrane Oxygenation: How to Find the Balance between Rest and Load. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 200, 954-956.	2.5	27
736	Mechanical Ventilation Training During Graduate Medical Education: Perspectives and Review of the Literature. <i>Journal of Graduate Medical Education</i> , 2019, 11, 389-401.	0.6	22
737	Increased extracellular vesicle miRNA-466 family in the bronchoalveolar lavage fluid as a precipitating factor of ARDS. <i>BMC Pulmonary Medicine</i> , 2019, 19, 110.	0.8	22
738	Predicting the Impact of Diffuse Alveolar Damage through Open Lung Biopsy in Acute Respiratory Distress Syndrome" The PREDATOR Study. <i>Journal of Clinical Medicine</i> , 2019, 8, 829.	1.0	12
739	Mesenchymal Stem Cells Reconditioned in Their Own Serum Exhibit Augmented Therapeutic Properties in the Setting of Acute Respiratory Distress Syndrome. <i>Stem Cells Translational Medicine</i> , 2019, 8, 1092-1106.	1.6	26
740	Cytokine removal in human septic shock: Where are we and where are we going?. <i>Annals of Intensive Care</i> , 2019, 9, 56.	2.2	127

#	ARTICLE	IF	CITATIONS
741	Diagnostic and prognostic values of serum activin-a levels in patients with acute respiratory distress syndrome. <i>BMC Pulmonary Medicine</i> , 2019, 19, 115.	0.8	8
742	Inhibition of the Receptor for Advanced Glycation End-Products in Acute Respiratory Distress Syndrome: A Randomised Laboratory Trial in Piglets. <i>Scientific Reports</i> , 2019, 9, 9227.	1.6	24
743	Key mechanisms by which post-ICU activities can improve in-ICU care: results of the international THRIVE collaboratives. <i>Intensive Care Medicine</i> , 2019, 45, 939-947.	3.9	72
744	DL-3-n-butylphthalide attenuates lipopolysaccharide-induced acute lung injury via SIRT1-dependent and -independent regulation of Nrf2. <i>International Immunopharmacology</i> , 2019, 74, 105658.	1.7	14
745	Lung Disease in Antiphospholipid Syndrome. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2019, 40, 278-294.	0.8	10
746	Different intensity of autophagy regulate interleukin-33 to control the uncontrolled inflammation of acute lung injury. <i>Inflammation Research</i> , 2019, 68, 665-675.	1.6	14
747	Mechanical Ventilation Management during Extracorporeal Membrane Oxygenation for Acute Respiratory Distress Syndrome. An International Multicenter Prospective Cohort. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 200, 1002-1012.	2.5	200
748	Acute Respiratory Distress Syndrome in Cancer Patients. , 2019, , 1-26.		0
749	Respiratory Support Strategies and Nonconventional Ventilation Modes in Oncologic Critical Care. , 2019, , 1-10.		0
750	The Current State of Pediatric Acute Respiratory Distress Syndrome. <i>Pediatric, Allergy, Immunology, and Pulmonology</i> , 2019, 32, 35-44.	0.3	36
751	Effects of glycyrrhizin on lipopolysaccharide-induced acute lung injury in a mouse model. <i>Journal of Thoracic Disease</i> , 2019, 11, 1287-1302.	0.6	51
752	The Role of HMGB1, a Nuclear Damage-Associated Molecular Pattern Molecule, in the Pathogenesis of Lung Diseases. <i>Antioxidants and Redox Signaling</i> , 2019, 31, 954-993.	2.5	50
753	Piezo1 induced apoptosis of type II pneumocytes during ARDS. <i>Respiratory Research</i> , 2019, 20, 118.	1.4	33
754	The Transcriptional Signature in Alveolar Macrophages Dictates Acute Respiratory Distress Outcomes. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 200, 656-657.	2.5	3
756	ARDS after Cardiac Surgery: Is It a Problem, a Problem of Definition, or Both?. <i>Respiration</i> , 2019, 97, 495-497.	1.2	4
757	Comparison of Static and Dynamic <sup>18</sup> F-FDG PET/CT for Quantification of Pulmonary Inflammation in Acute Lung Injury. <i>Journal of Nuclear Medicine</i> , 2019, 60, 1629-1634.	2.8	26
758	Endocan, a Risk Factor for Developing Acute Respiratory Distress Syndrome among Severe Pneumonia Patients. <i>Canadian Respiratory Journal</i> , 2019, 2019, 1-6.	0.8	10
759	ARDS in patients with chest trauma: Better safe than sorry. <i>Anaesthesia, Critical Care &amp; Pain Medicine</i> , 2019, 38, 221-222.	0.6	3

#	ARTICLE	IF	CITATIONS
760	Early Neuromuscular Blockade in the Acute Respiratory Distress Syndrome. <i>New England Journal of Medicine</i> , 2019, 380, 1997-2008.	13.9	576
761	Noninvasive Respiratory Support in Acute Hypoxemic Respiratory Failure. <i>Respiratory Care</i> , 2019, 64, 638-646.	0.8	15
762	Ventilator-Induced Lung Injury: Classic and Novel Concepts. <i>Respiratory Care</i> , 2019, 64, 629-637.	0.8	47
763	Acute Lung Injury in Critically Ill Patients: Actin-Scavenger Gelsolin Signals Prolonged Respiratory Failure. <i>Shock</i> , 2019, 52, 370-377.	1.0	9
764	Driving Pressure: Defining the Range. <i>Respiratory Care</i> , 2019, 64, 883-889.	0.8	8
765	In vivo lung perfusion as a platform for organ repair in acute respiratory distress syndrome. <i>Journal of Thoracic Disease</i> , 2019, 11, 30-34.	0.6	1
766	Relationship between $\hat{I}^2$ -defensin-1 gene polymorphism and susceptibility and prognosis of acute respiratory distress syndrome. <i>Medicine (United States)</i> , 2019, 98, e14131.	0.4	3
767	Designing Protective Mechanical Ventilation for the Injured Lung: Opportunities for the Engineer. <i>Journal of Engineering and Science in Medical Diagnostics and Therapy</i> , 2019, 2, .	0.3	1
768	Impact of Long-Term Exposures to Ambient PM2.5 and Ozone on ARDS Risk for Older Adults in the United States. <i>Chest</i> , 2019, 156, 71-79.	0.4	51
769	A Measurement System to Estimate the Pleural Pressure From the CVP for Respiratory System Monitoring. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2019, 68, 2469-2478.	2.4	6
770	Acute respiratory distress syndrome phenotyping and latent class analysis, first steps toward precision medicine in critical care illness?. <i>Journal of Thoracic Disease</i> , 2019, 11, S303-S306.	0.6	2
771	Glutamine Therapy Reduces Inflammation and Extracellular Trap Release in Experimental Acute Respiratory Distress Syndrome of Pulmonary Origin. <i>Nutrients</i> , 2019, 11, 831.	1.7	14
772	Evolving definition of acute respiratory distress syndrome. <i>Journal of Thoracic Disease</i> , 2019, 11, S390-S393.	0.6	8
773	Attaining Low Tidal Volume Ventilation During Patient Triggered Ventilation in Sedated Subjects. <i>Respiratory Care</i> , 2019, 64, 890-898.	0.8	3
774	Nonpulmonary Organ Failure in ARDS: What Can We Modify?. <i>Respiratory Care</i> , 2019, 64, 610-611.	0.8	2
776	Role of Pharmacologic Paralysis in Acute Respiratory Distress Syndrome. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2019, 40, 101-113.	0.8	2
777	Definitions, Epidemiology, Clinical Risk Factors, and Health Disparities in Acute Respiratory Distress Syndrome. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2019, 40, 003-011.	0.8	4
778	Clinical Strategies to Prevent Acute Respiratory Distress Syndrome. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2019, 40, 129-136.	0.8	5

#	ARTICLE	IF	CITATIONS
779	Acute Respiratory Distress Syndrome Phenotypes. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2019, 40, 019-030.	0.8	83
780	Acute Respiratory Distress Syndrome: Respiratory Monitoring and Pulmonary Physiology. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2019, 40, 066-080.	0.8	9
781	Pathophysiology and Management of Acute Respiratory Distress Syndrome in Obese Patients. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2019, 40, 040-056.	0.8	33
782	Extracorporeal Strategies in Acute Respiratory Distress Syndrome. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2019, 40, 114-128.	0.8	4
783	Airway pressure release ventilation during acute hypoxemic respiratory failure: a systematic review and meta-analysis of randomized controlled trials. <i>Annals of Intensive Care</i> , 2019, 9, 44.	2.2	33
785	Using injury cost functions from a predictive single-compartment model to assess the severity of mechanical ventilator-induced lung injuries. <i>Journal of Applied Physiology</i> , 2019, 127, 58-70.	1.2	14
786	Integrating molecular pathogenesis and clinical translation in sepsis-induced acute respiratory distress syndrome. <i>JCI Insight</i> , 2019, 4, .	2.3	122
788	Heterogeneity of regional inflection points from pressure-volume curves assessed by electrical impedance tomography. <i>Critical Care</i> , 2019, 23, 119.	2.5	31
789	Genomic and Genetic Approaches to Deciphering Acute Respiratory Distress Syndrome Risk and Mortality. <i>Antioxidants and Redox Signaling</i> , 2019, 31, 1027-1052.	2.5	33
790	Relation between Red Cell Distribution Width and Mortality in Critically Ill Patients with Acute Respiratory Distress Syndrome. <i>BioMed Research International</i> , 2019, 2019, 1-8.	0.9	49
791	Characteristics of Nonpulmonary Organ Dysfunction at Onset of ARDS Based on the Berlin Definition. <i>Respiratory Care</i> , 2019, 64, 493-501.	0.8	23
793	Veno-venous extracorporeal life support for blastomycosis-associated acute respiratory distress syndrome. <i>Perfusion (United Kingdom)</i> , 2019, 34, 660-670.	0.5	3
794	Responses of retinal arterioles and ciliary arteries in pigs with acute respiratory distress syndrome (ARDS). <i>Experimental Eye Research</i> , 2019, 184, 152-161.	1.2	21
795	MLN4924 protects against interleukin-17A-induced pulmonary inflammation by disrupting ACT1-mediated signaling. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2019, 316, L1070-L1080.	1.3	16
796	The worldwide assessment of separation of patients from ventilatory assistance (WEAN SAFE) ERS Clinical Research Collaboration. <i>European Respiratory Journal</i> , 2019, 53, 1802228.	3.1	5
797	Emerging drugs for treating the acute respiratory distress syndrome. <i>Expert Opinion on Emerging Drugs</i> , 2019, 24, 29-41.	1.0	44
798	Embracing the Heterogeneity of ARDS. <i>Chest</i> , 2019, 155, 453-455.	0.4	10
799	Protein S is Protective in Acute Lung Injury by Inhibiting Cell Apoptosis. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1082.	1.8	9

#	ARTICLE	IF	CITATIONS
800	Loss of myeloid-specific protein phosphatase 2A enhances lung injury and fibrosis and results in IL-10-dependent sensitization of epithelial cell apoptosis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2019, 316, L1035-L1048.	1.3	16
801	Circulating angiotensin peptides levels in Acute Respiratory Distress Syndrome correlate with clinical outcomes: A pilot study. <i>PLoS ONE</i> , 2019, 14, e0213096.	1.1	74
802	Emerging approaches in pediatric mechanical ventilation. <i>Expert Review of Respiratory Medicine</i> , 2019, 13, 327-336.	1.0	2
803	The Cost-Effectiveness of Interventions to Increase Utilization of Prone Positioning for Severe Acute Respiratory Distress Syndrome. <i>Critical Care Medicine</i> , 2019, 47, e198-e205.	0.4	15
804	Intranasal Application of Budesonide Attenuates Lipopolysaccharide-Induced Acute Lung Injury by Suppressing Nucleotide-Binding Oligomerization Domain-Like Receptor Family, Pyrin Domain-Containing 3 Inflammasome Activation in Mice. <i>Journal of Immunology Research</i> , 2019, 2019, 1-10.	0.9	19
805	Implementation of an Academic-to-Community Hospital Intensive Care Unit Quality Improvement Program. Qualitative Analysis of Multilevel Facilitators and Barriers. <i>Annals of the American Thoracic Society</i> , 2019, 16, 877-885.	1.5	14
806	Universal Low Tidal Volume: Early Initiation of Low Tidal Volume Ventilation in Patients with and without ARDS. <i>Annual Update in Intensive Care and Emergency Medicine</i> , 2019, , 47-58.	0.1	0
807	ECMO After EOLIA: The Evolving Role of Extracorporeal Support in ARDS. <i>Annual Update in Intensive Care and Emergency Medicine</i> , 2019, , 87-99.	0.1	1
808	Respiratory Support Strategies and Nonconventional Ventilation Modes in Oncologic Critical Care. , 2019, , 1-10.		0
809	The effect of emergency department crowding on lung-protective ventilation utilization for critically ill patients. <i>Journal of Critical Care</i> , 2019, 52, 40-47.	1.0	11
810	Nationwide cohort study of independent risk factors for acute respiratory distress syndrome after trauma. <i>Trauma Surgery and Acute Care Open</i> , 2019, 4, e000249.	0.8	31
811	The Future of Critical Care Lies in Quality Improvement and Education. <i>Annals of the American Thoracic Society</i> , 2019, 16, 649-656.	1.5	21
812	From a small local audit to a regional quality improvement project – Improving lung protective ventilation. <i>Journal of the Intensive Care Society</i> , 2019, 20, 53-58.	1.1	1
813	Acute respiratory distress syndrome. <i>Nature Reviews Disease Primers</i> , 2019, 5, 18.	18.1	1,364
814	Risk factors, characteristics, and outcomes of acute respiratory distress syndrome in dogs and cats: 54 cases. <i>Journal of Veterinary Emergency and Critical Care</i> , 2019, 29, 173-179.	0.4	18
815	Misdiagnosis: Acute Chest Syndrome That Evolved into Acute Respiratory Distress Syndrome in a Patient without a Documented History of Hemoglobinopathy. <i>Case Reports in Medicine</i> , 2019, 2019, 1-3.	0.3	2
816	Chasing the “Holy Grail” Modulating Neutrophils in Inflammatory Lung Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 200, 131-132.	2.5	6
817	Positive end-expiratory pressure titration with electrical impedance tomography and pressure–volume curve in severe acute respiratory distress syndrome. <i>Annals of Intensive Care</i> , 2019, 9, 7.	2.2	64

#	ARTICLE	IF	CITATIONS
818	A study on the protective effects of CpG oligodeoxynucleotide-induced mucosal immunity against lung injury in a mouse acute respiratory distress syndrome model. <i>Journal of Cellular Physiology</i> , 2019, 234, 20118-20127.	2.0	1
819	Using selective lung injury to improve murine models of spatially heterogeneous lung diseases. <i>PLoS ONE</i> , 2019, 14, e0202456.	1.1	5
820	POINT: Does Persistent or Worsening ARDS Refractory to Optimized Ventilation and Proning Deserve a Trial of Prostacyclin? Yes. <i>Chest</i> , 2019, 155, 662-665.	0.4	5
821	Long-term pulmonary function and quality of life in adults after extracorporeal membrane oxygenation for respiratory failure. <i>Perfusion (United Kingdom)</i> , 2019, 34, 49-57.	0.5	14
822	Hemoglobin trigger and approach to red blood cell transfusions during veno-venous extracorporeal membrane oxygenation: the international TRAIN-ECMO survey. <i>Perfusion (United Kingdom)</i> , 2019, 34, 39-48.	0.5	22
823	Extracellular Matrix Component Remodeling in Respiratory Diseases: What Has Been Found in Clinical and Experimental Studies?. <i>Cells</i> , 2019, 8, 342.	1.8	95
824	Sequelae of Acute Respiratory Distress Syndrome: Interest of Rehabilitation. <i>Case Reports in Critical Care</i> , 2019, 2019, 1-5.	0.2	4
825	N-acetylcysteine for adults with acute respiratory distress syndrome: A meta-analysis of randomized controlled trials. <i>Hong Kong Journal of Emergency Medicine</i> , 2019, 26, 288-298.	0.4	16
826	Risk factors for outcomes of acute respiratory distress syndrome patients: a retrospective study. <i>Journal of Thoracic Disease</i> , 2019, 11, 673-685.	0.6	28
827	Regenerative pharmacology for COPD: breathing new life into old lungs. <i>Thorax</i> , 2019, 74, 890-897.	2.7	25
828	Machine learning for patient risk stratification for acute respiratory distress syndrome. <i>PLoS ONE</i> , 2019, 14, e0214465.	1.1	55
829	A CRTH2 antagonist, CT-133, suppresses NF- $\kappa$ B signalling to relieve lipopolysaccharide-induced acute lung injury. <i>European Journal of Pharmacology</i> , 2019, 854, 79-91.	1.7	11
830	Moderate to Severe Acute Respiratory Distress Syndrome Management Strategies: A Narrative Review. <i>Journal of Pharmacy Practice</i> , 2019, 32, 347-360.	0.5	8
831	In ARDS. <i>Lessons From the ICU</i> , 2019, , 419-437.	0.1	0
832	Acute Respiratory Distress Syndrome as a Precursor to Post-Intensive Care Syndrome. <i>Clinical Pulmonary Medicine</i> , 2019, 26, 18-23.	0.3	1
833	An Analysis of the Clinical Benefit of 37 Bronchoalveolar Lavage Procedures in Patients with Hematologic Disease and Pulmonary Complications. <i>Internal Medicine</i> , 2019, 58, 1073-1080.	0.3	0
834	Prognostic values of the Berlin definition criteria, blood lactate level, and fibroproliferative changes on high-resolution computed tomography in ARDS patients. <i>BMC Pulmonary Medicine</i> , 2019, 19, 37.	0.8	27
835	Exosomes from endothelial progenitor cells improve outcomes of the lipopolysaccharide-induced acute lung injury. <i>Critical Care</i> , 2019, 23, 44.	2.5	183



#	ARTICLE	IF	CITATIONS
836	Cell therapy for ARDS: efficacy of endobronchial versus intravenous administration and biodistribution of MAPCs in a large animal model. <i>BMJ Open Respiratory Research</i> , 2019, 6, e000308.	1.2	43
837	Current Challenges in the Management of Sepsis in ICUs in Resource-Poor Settings and Suggestions for the Future. , 2019, , 1-24.		4
838	Resolvin D1 attenuates mechanical stretch-induced pulmonary fibrosis via epithelial-mesenchymal transition. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2019, 316, L1013-L1024.	1.3	33
839	What links ventilator driving pressure with survival in the acute respiratory distress syndrome? A computational study. <i>Respiratory Research</i> , 2019, 20, 29.	1.4	38
840	Clear as Mud: Diagnostic Uncertainty in Acute Respiratory Distress Syndrome. <i>Annals of the American Thoracic Society</i> , 2019, 16, 197-199.	1.5	0
841	Declining Mortality in Patients With Acute Respiratory Distress Syndrome: An Analysis of the Acute Respiratory Distress Syndrome Network Trials. <i>Critical Care Medicine</i> , 2019, 47, 315-323.	0.4	39
842	Acute Respiratory Distress Syndrome (ARDS). , 2019, , 719-722.		0
843	HMGB1 participates in LPS-induced acute lung injury by activating the AIM2 inflammasome in macrophages and inducing polarization of M1 macrophages via TLR2, TLR4, and RAGE/NF- $\kappa$ B signaling pathways. <i>International Journal of Molecular Medicine</i> , 2020, 45, 61-80.	1.8	58
844	Rhinovirus-associated severe acute respiratory distress syndrome (ARDS) managed with airway pressure release ventilation (APRV). <i>Trauma Surgery and Acute Care Open</i> , 2019, 4, e000322.	0.8	3
845	Is gender inequity in ventilator management a "women's issue"? <i>European Respiratory Journal</i> , 2019, 54, 1901588.	3.1	9
847	Outcomes of Acute Respiratory Distress Syndrome in Mechanically Ventilated Patients With Cirrhosis. , 2019, 1, e0040.		7
848	Platelets inhibit apoptotic lung epithelial cell death and protect mice against infection-induced lung injury. <i>Blood Advances</i> , 2019, 3, 432-445.	2.5	19
849	Communicating to Collaborate: Overlooked Requirements for Implementation Success. <i>Annals of the American Thoracic Society</i> , 2019, 16, 822-824.	1.5	2
850	Successful Resuscitation Using Extracorporeal Membrane Oxygenation of 2 Patients With Severe Liver Rupture: A Case Report. <i>A&amp;A Practice</i> , 2019, 13, 81-84.	0.2	0
851	Community Experience With Acute Respiratory Distress Syndrome in the Prone Position. , 2019, 1, e0068.		1
852	Early neuromuscular blockade in acute respiratory distress syndrome: to personalize or paralyze?. <i>Journal of Thoracic Disease</i> , 2019, 11, 5701-5705.	0.6	1
853	The Association between Prehospital Vulnerability, ARDS Development, and Mortality among At-Risk Adults. Results from the LIPS-A Clinical Trial. <i>Annals of the American Thoracic Society</i> , 2019, 16, 1399-1404.	1.5	4
854	Should we admit more patients not requiring invasive ventilation to reduce excess mortality in Polish intensive care units? Data from the Silesian ICU Registry. <i>Archives of Medical Science</i> , 2019, 15, 1313-1320.	0.4	8



#	ARTICLE	IF	CITATIONS
855	Should we shift the paradigm of preclinical models for ARDS therapies?. Thorax, 2019, 74, 1109-1110.	2.7	3
856	Association between hospital mortality and inspiratory airway pressures in mechanically ventilated patients without acute respiratory distress syndrome: a prospective cohort study. Critical Care, 2019, 23, 367.	2.5	17
857	Characteristics and Outcomes of Severe ARDS Patients Receiving ECMO in Southern Thailand. Clinical Medicine Insights: Circulatory, Respiratory and Pulmonary Medicine, 2019, 13, 117954841988513.	0.5	4
858	Pharmacological agents for adults with acute respiratory distress syndrome. The Cochrane Library, 2019, 7, CD004477.	1.5	112
859	Associations between changes in oxygenation, dead space and driving pressure induced by the first prone position session and mortality in patients with acute respiratory distress syndrome. Journal of Thoracic Disease, 2019, 11, 5004-5013.	0.6	15
860	Translational Research in Intensive Care Unit: Novel Approaches for Drug Development and Personalized Medicine. Seminars in Respiratory and Critical Care Medicine, 2019, 40, 687-698.	0.8	3
861	The Awakening and Breathing, Coordination, Delirium Monitoring and Management, and Early Mobilization Bundle (ABCDE). Critical Care Medicine, 2019, 47, 997-998.	0.4	2
862	Outcomes of Patients Presenting with Mild Acute Respiratory Distress Syndrome. Anesthesiology, 2019, 130, 263-283.	1.3	28
863	Development of a biomarker mortality risk model in acute respiratory distress syndrome. Critical Care, 2019, 23, 410.	2.5	50
864	Lats2-Underexpressing Bone Marrow-Derived Mesenchymal Stem Cells Ameliorate LPS-Induced Acute Lung Injury in Mice. Mediators of Inflammation, 2019, 2019, 1-13.	1.4	9
865	Performance Measure Development, Use, and Measurement of Effectiveness Using the Guideline on Mechanical Ventilation in Acute Respiratory Distress Syndrome. An Official American Thoracic Society Workshop Report. Annals of the American Thoracic Society, 2019, 16, 1463-1472.	1.5	9
866	Acute Respiratory Distress Syndrome as an Organ Phenotype of Vascular Microthrombotic Disease: Based on Hemostatic Theory and Endothelial Molecular Pathogenesis. Clinical and Applied Thrombosis/Hemostasis, 2019, 25, 107602961988743.	0.7	92
867	Aerosol delivery during invasive mechanical ventilation: development of a preclinical ex vivo respiratory model for aerosol regional deposition. Scientific Reports, 2019, 9, 17930.	1.6	7
868	Detection of Acute Respiratory Distress Syndrome by Incorporation of Label Uncertainty and Partially Available Privileged Information. , 2019, 2019, 1717-1720.		3
869	Blood clot removal by cryoextraction in critically ill patients with pulmonary hemorrhage. Journal of Thoracic Disease, 2019, 11, 4319-4327.	0.6	14
870	Lung Ultrasound for Daily Monitoring and Management of ARDS Patients. Clinical Pulmonary Medicine, 2019, 26, 92-97.	0.3	5
871	A cross-sectional study of acute cor pulmonale in acute respiratory distress syndrome patients in China. Chinese Medical Journal, 2019, 132, 2842-2847.	0.9	0
872	Cardiac Dysfunction in Acute Respiratory Distress Syndrome. Critical Care Nursing Quarterly, 2019, 42, 448-458.	0.4	3

#	ARTICLE	IF	CITATIONS
873	Etiologies and Outcomes of Acute Respiratory Distress Syndrome With No Identified Common Risk Factor. <i>Clinical Pulmonary Medicine</i> , 2019, 26, 108-113.	0.3	0
874	Strategies to Enhance Mesenchymal Stem Cell-Based Therapies for Acute Respiratory Distress Syndrome. <i>Stem Cells International</i> , 2019, 2019, 1-12.	1.2	29
875	The regulatory effect of microRNA-21a-3p on the promotion of telocyte angiogenesis mediated by PI3K (p110 $\alpha$ )/AKT/mTOR in LPS induced mice ARDS. <i>Journal of Translational Medicine</i> , 2019, 17, 427.	1.8	26
876	Dynamic hyperinflation and intrinsic PEEP in ARDS patients: who, when, and how needs more focus?. <i>Critical Care</i> , 2019, 23, 422.	2.5	1
877	Global and Regional Diagnostic Accuracy of Lung Ultrasound Compared to CT in Patients With Acute Respiratory Distress Syndrome*. <i>Critical Care Medicine</i> , 2019, 47, 1599-1606.	0.4	58
878	Lung Recruitment in Obese Patients with Acute Respiratory Distress Syndrome. <i>Anesthesiology</i> , 2019, 130, 791-803.	1.3	67
879	Noninvasive ventilation versus oxygen therapy in patients with acute respiratory failure. <i>Current Opinion in Anaesthesiology</i> , 2019, 32, 150-155.	0.9	9
880	Mechanical Ventilation in Acute Respiratory Distress Syndrome. <i>Anesthesiology</i> , 2019, 130, 680-682.	1.3	1
881	Driving Pressure Is Associated with Outcome during Assisted Ventilation in Acute Respiratory Distress Syndrome. <i>Anesthesiology</i> , 2019, 131, 594-604.	1.3	71
882	Venovenous extra-corporeal membrane oxygenation for severe acute respiratory distress syndrome. <i>Chinese Medical Journal</i> , 2019, 132, 2192-2198.	0.9	4
883	Specific Viral Etiologies Are Associated With Outcomes in Pediatric Acute Respiratory Distress Syndrome*. <i>Pediatric Critical Care Medicine</i> , 2019, 20, e441-e446.	0.2	13
884	Impact of Early Acute Kidney Injury on Management and Outcome in Patients With Acute Respiratory Distress Syndrome: A Secondary Analysis of a Multicenter Observational Study*. <i>Critical Care Medicine</i> , 2019, 47, 1216-1225.	0.4	36
885	Incidence and Outcomes of Acute Laryngeal Injury After Prolonged Mechanical Ventilation*. <i>Critical Care Medicine</i> , 2019, 47, 1699-1706.	0.4	93
886	Extracellular Vesicles from Interferon- $\gamma$ -primed Human Umbilical Cord Mesenchymal Stromal Cells Reduce <i>Escherichia coli</i> -induced Acute Lung Injury in Rats. <i>Anesthesiology</i> , 2019, 130, 778-790.	1.3	73
887	Driving Pressure and Transpulmonary Pressure. <i>Anesthesiology</i> , 2019, 131, 155-163.	1.3	61
888	Post-ICU Care. <i>Critical Care Medicine</i> , 2019, 47, 1269-1270.	0.4	0
889	Impact of spontaneous breathing during mechanical ventilation in acute respiratory distress syndrome. <i>Current Opinion in Critical Care</i> , 2019, 25, 192-198.	1.6	61
890	Practice Patterns and Ethical Considerations in the Management of Venovenous Extracorporeal Membrane Oxygenation Patients: An International Survey*. <i>Critical Care Medicine</i> , 2019, 47, 1346-1355.	0.4	28

#	ARTICLE	IF	CITATIONS
891	Risk factors for the development of acute respiratory distress syndrome in mechanically ventilated adults in Peru: a multicenter observational study. <i>Critical Care</i> , 2019, 23, 398.	2.5	9
892	Lung Recruitability in Severe Acute Respiratory Distress Syndrome Requiring Extracorporeal Membrane Oxygenation. <i>Critical Care Medicine</i> , 2019, 47, 1177-1183.	0.4	29
893	Neutrophil Extracellular Traps Are Elevated in Patients with Pneumonia-related Acute Respiratory Distress Syndrome. <i>Anesthesiology</i> , 2019, 130, 581-591.	1.3	67
894	TLR4/NF- $\kappa$ B signaling pathway gene single nucleotide polymorphisms alter gene expression levels and affect ARDS occurrence and prognosis outcomes. <i>Medicine (United States)</i> , 2019, 98, e16029.	0.4	16
895	Risk factor analysis of postoperative acute respiratory distress syndrome after type A aortic dissection repair surgery. <i>Medicine (United States)</i> , 2019, 98, e16303.	0.4	22
896	Practice, But Verify. <i>Critical Care Medicine</i> , 2019, 47, 131-133.	0.4	2
897	Effects of Positive End-Expiratory Pressure and Spontaneous Breathing Activity on Regional Lung Inflammation in Experimental Acute Respiratory Distress Syndrome. <i>Critical Care Medicine</i> , 2019, 47, e358-e365.	0.4	28
898	A Successful Application of Intraventricular and Intravenous Colistin for Extensively Drug-Resistant <i>Acinetobacter baumannii</i> Ventriculitis in a Neurosurgical Patient Undergoing Extracorporeal Membrane Oxygenation for Acute Respiratory Distress Syndrome. <i>Infectious Diseases in Clinical Practice</i> , 2019, 27, 178-180.	0.1	0
899	Strategies to effect change in the ICU. <i>Current Opinion in Critical Care</i> , 2019, 25, 511-516.	1.6	4
901	Driving pressure and acute respiratory distress syndrome in critically ill patients. <i>Respirology</i> , 2019, 24, 137-145.	1.3	11
902	Acute Respiratory Distress in the Operating Room and Prone Ventilation: A Case Report. <i>A&amp;A Practice</i> , 2019, 12, 19-21.	0.2	1
903	Inhibition of glycolysis alleviates lipopolysaccharide-induced acute lung injury in a mouse model. <i>Journal of Cellular Physiology</i> , 2019, 234, 4641-4654.	2.0	119
904	An Index Combining Respiratory Rate and Oxygenation to Predict Outcome of Nasal High-Flow Therapy. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 199, 1368-1376.	2.5	477
905	Babesiosis as a cause of acute respiratory distress syndrome: a series of eight cases. <i>Postgraduate Medicine</i> , 2019, 131, 138-143.	0.9	9
906	Evaluating Delivery of Low Tidal Volume Ventilation in Six ICUs Using Electronic Health Record Data*. <i>Critical Care Medicine</i> , 2019, 47, 56-61.	0.4	36
907	Granisetron protects polymicrobial sepsis-induced acute lung injury in mice. <i>Biochemical and Biophysical Research Communications</i> , 2019, 508, 1004-1010.	1.0	18
908	Immature granulocytes: A novel biomarker of acute respiratory distress syndrome in patients with acute pancreatitis. <i>Journal of Critical Care</i> , 2019, 50, 303-308.	1.0	26
909	Innate T cells in the intensive care unit. <i>Molecular Immunology</i> , 2019, 105, 213-223.	1.0	14

#	ARTICLE	IF	CITATIONS
910	Airway Pathological Alterations Selectively Associated With Acute Respiratory Distress Syndrome and Diffuse Alveolar Damage – Narrative Review. <i>Archivos De Bronconeumologia</i> , 2019, 55, 31-37.	0.4	0
911	IL-35 interferes with splenic T cells in a clinical and experimental model of acute respiratory distress syndrome. <i>International Immunopharmacology</i> , 2019, 67, 386-395.	1.7	17
912	PG490-88, a derivative of triptolide, suppresses ischemia/reperfusion-induced lung damage by maintaining tight junction barriers and targeting multiple signaling pathways. <i>International Immunopharmacology</i> , 2019, 68, 17-29.	1.7	18
913	Phenotypes in acute respiratory distress syndrome: moving towards precision medicine. <i>Current Opinion in Critical Care</i> , 2019, 25, 12-20.	1.6	128
914	Rare respiratory diseases in the ICU. <i>Current Opinion in Critical Care</i> , 2019, 25, 29-36.	1.6	6
915	Mechanical ventilation for the non-anaesthetist 2: practical tips. <i>British Journal of Hospital Medicine (London, England: 2005)</i> , 2019, 80, C12-C16.	0.2	1
916	Continuous Neuromuscular Blockade and Mortality in Subjects With Exacerbation of Idiopathic Interstitial Pneumonias. <i>Respiratory Care</i> , 2019, 64, 34-39.	0.8	0
917	Neutrophils in the initiation and resolution of acute pulmonary inflammation: understanding biological function and therapeutic potential. <i>Journal of Pathology</i> , 2019, 247, 672-685.	2.1	168
918	Epidemiology, lung mechanics and outcomes of ARDS: A comparison between pregnant and non-pregnant subjects. <i>Journal of Critical Care</i> , 2019, 50, 207-212.	1.0	8
919	Effects of nebulized N-Acetylcysteine on the expression of HMGB1 and RAGE in rats with hyperoxia-induced lung injury. <i>Journal of Cellular Physiology</i> , 2019, 234, 10547-10553.	2.0	10
920	Treatment with allogeneic mesenchymal stromal cells for moderate to severe acute respiratory distress syndrome (START study): a randomised phase 2a safety trial. <i>Lancet Respiratory Medicine</i> , 2019, 7, 154-162.	5.2	443
921	Rapidly Improving ARDS in Therapeutic Randomized Controlled Trials. <i>Chest</i> , 2019, 155, 474-482.	0.4	64
922	T1, T1 contrast, and Ernst angle images of four rat lung pathologies. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 2489-2500.	1.9	3
923	Where next for cell-based therapy in ARDS. <i>Thorax</i> , 2019, 74, 13-15.	2.7	6
924	The Link between Regional Tidal Stretch and Lung Injury during Mechanical Ventilation. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019, 60, 569-577.	1.4	24
925	Acute respiratory distress syndrome and the promise of driving pressure. <i>Respirology</i> , 2019, 24, 95-96.	1.3	0
926	CRTH2 antagonist, CT-133, effectively alleviates cigarette smoke-induced acute lung injury. <i>Life Sciences</i> , 2019, 216, 156-167.	2.0	7
927	Recent advances in venovenous extracorporeal membrane oxygenation for severe acute respiratory distress syndrome. <i>Current Opinion in Critical Care</i> , 2019, 25, 71-76.	1.6	13

#	ARTICLE	IF	CITATIONS
928	Is research from databases reliable? No. Intensive Care Medicine, 2019, 45, 115-117.	3.9	7
929	ECMO for ARDS: from salvage to standard of care?. Lancet Respiratory Medicine, the, 2019, 7, 108-110.	5.2	98
930	Inhibition of GGPPS1 attenuated LPS-induced acute lung injury and was associated with NLRP3 inflammasome suppression. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2019, 316, L567-L577.	1.3	28
931	Extracorporeal Membrane Oxygenation for Acute Respiratory Distress Syndrome: EOLIA and Beyond. Critical Care Medicine, 2019, 47, 114-117.	0.4	19
932	Endothelial stromelysin1 regulation by the forkhead box-O transcription factors is crucial in the exudative phase of acute lung injury. Pharmacological Research, 2019, 141, 249-263.	3.1	32
933	Editorial. Current Opinion in Critical Care, 2019, 25, 1-2.	1.6	0
934	The acute respiratory distress syndrome after out-of-hospital cardiac arrest: Incidence, risk factors, and outcomes. Resuscitation, 2019, 135, 37-44.	1.3	46
935	Poldip2 deficiency protects against lung edema and vascular inflammation in a model of acute respiratory distress syndrome. Clinical Science, 2019, 133, 321-334.	1.8	18
936	Neuromuscular blocking agents for acute respiratory distress syndrome. Journal of Critical Care, 2019, 49, 179-184.	1.0	19
937	Recruitment manoeuvres for adults with acute respiratory distress syndrome receiving mechanical ventilation: a systematic review and meta-analysis. Journal of Critical Care, 2019, 50, 1-10.	1.0	12
938	Acute respiratory distress syndrome after chest trauma: Epidemiology, specific physiopathology and ventilation strategies. Anaesthesia, Critical Care & Pain Medicine, 2019, 38, 265-276.	0.6	12
939	Economic Evaluation of Venovenous Extracorporeal Membrane Oxygenation for Severe Acute Respiratory Distress Syndrome*. Critical Care Medicine, 2019, 47, 186-193.	0.4	26
940	IRF-1 Intervention in the Classical ROS-Dependent Release of NETs during LPS-Induced Acute Lung Injury in Mice. Inflammation, 2019, 42, 387-403.	1.7	24
942	LL&#37 and its analog FF/CAP18 attenuate neutrophil migration in sepsis&#220;induced acute lung injury. Journal of Cellular Biochemistry, 2019, 120, 4863-4871.	1.2	25
943	Electronic &#201;Sniffer&#201;Systems to Identify the Acute Respiratory Distress Syndrome. Annals of the American Thoracic Society, 2019, 16, 488-495.	1.5	13
944	Acute respiratory distress syndrome (ARDS) phenotyping. Intensive Care Medicine, 2019, 45, 516-519.	3.9	38
945	Physiological Markers for Acute Respiratory Distress Syndrome: Let&#212;™s Get More Efficient!. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 260-261.	2.5	5
946	mTOR/STAT&#33 pathway mediates mesenchymal stem cell&#201;secreted hepatocyte growth factor protective effects against lipopolysaccharide&#201;induced vascular endothelial barrier dysfunction and apoptosis. Journal of Cellular Biochemistry, 2019, 120, 3637-3650.	1.2	39

#	ARTICLE	IF	CITATIONS
947	External Validity of Electronic Sniffers for Automated Recognition of Acute Respiratory Distress Syndrome. <i>Journal of Intensive Care Medicine</i> , 2019, 34, 946-954.	1.3	10
948	The Association Between the Neutrophil-to-Lymphocyte Ratio and Mortality in Patients With Acute Respiratory Distress Syndrome: A Retrospective Cohort Study. <i>Shock</i> , 2019, 51, 161-167.	1.0	41
949	Recombinant Human-Soluble Thrombomodulin Contributes to Reduced Mortality in Sepsis Patients With Severe Respiratory Failure: A Retrospective Observational Study Using a Multicenter Dataset. <i>Shock</i> , 2019, 51, 174-179.	1.0	21
950	Evaluation of Almitrine Infusion During Veno-Venous Extracorporeal Membrane Oxygenation for Severe Acute Respiratory Distress Syndrome in Adults. <i>Anesthesia and Analgesia</i> , 2019, 129, e48-e51.	1.1	8
951	Accounting for Label Uncertainty in Machine Learning for Detection of Acute Respiratory Distress Syndrome. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2019, 23, 407-415.	3.9	53
952	Patterns of invasive mechanical ventilation in patients with severe blunt chest trauma and lung contusion: A French multicentric evaluation of practices. <i>Journal of the Intensive Care Society</i> , 2019, 20, 46-52.	1.1	14
953	Injury Characteristics and von Willebrand Factor for the Prediction of Acute Respiratory Distress Syndrome in Patients With Burn Injury. <i>Annals of Surgery</i> , 2019, 270, 1186-1193.	2.1	7
954	Prognosis of Acute Respiratory Distress Syndrome in Patients With Hematological Malignancies. <i>Journal of Intensive Care Medicine</i> , 2020, 35, 364-370.	1.3	14
955	Long-Term Quality of Life After Extracorporeal Membrane Oxygenation in ARDS Survivors: Systematic Review and Meta-Analysis. <i>Journal of Intensive Care Medicine</i> , 2020, 35, 233-243.	1.3	31
956	Older Adult Patients Are at Lower Risk of ARDS Compared to Younger Patients at Risk: Secondary Analysis of a Multicenter Cohort Study. <i>Journal of Intensive Care Medicine</i> , 2020, 35, 42-47.	1.3	1
957	Does lack of thoracic trauma attenuate the severity of pulmonary failure? An 8-year analysis of critically injured patients. <i>European Journal of Trauma and Emergency Surgery</i> , 2020, 46, 3-9.	0.8	2
958	Adoption of low tidal volume ventilation in the emergency department: A quality improvement intervention. <i>American Journal of Emergency Medicine</i> , 2020, 38, 763-767.	0.7	8
959	Changes in ventilator settings and ventilation-induced lung injury in burn patients—a systematic review. <i>Burns</i> , 2020, 46, 762-770.	1.1	7
960	Acute Respiratory Distress Syndrome: Etiology, Pathogenesis, and Summary on Management. <i>Journal of Intensive Care Medicine</i> , 2020, 35, 723-737.	1.3	52
961	Outcomes of severe H1N1 pneumoniae: A retrospective study at intensive care units. <i>Journal of the Formosan Medical Association</i> , 2020, 119, 26-33.	0.8	11
962	Immunonutrition for Adults With ARDS: Results From a Cochrane Systematic Review and Meta-Analysis. <i>Respiratory Care</i> , 2020, 65, 99-110.	0.8	19
963	Sepsis 2019 — New Trends and Their Implications for Multiple Trauma Patients. <i>Zeitschrift Fur Orthopadie Und Unfallchirurgie</i> , 2020, 158, 81-89.	0.4	10
964	Prone Ventilation for Patients with Mild or Moderate Acute Respiratory Distress Syndrome. <i>Annals of the American Thoracic Society</i> , 2020, 17, 24-29.	1.5	13



#	ARTICLE	IF	CITATIONS
965	Use of glucocorticoids in the critical care setting: Science and clinical evidence. , 2020, 206, 107428.		26
966	Plasma Mitochondrial DNA Levels Are Associated With ARDS in Trauma and Sepsis Patients. Chest, 2020, 157, 67-76.	0.4	64
967	Evidence summary resources may influence clinical decision making: A case-based scenario evaluation of an evidence summary tool. Journal of Critical Care, 2020, 55, 9-15.	1.0	2
968	Treatment of a Rat Model of LPS-Induced ARDS via Peritoneal Perfusion of Oxygen Microbubbles. Journal of Surgical Research, 2020, 246, 450-456.	0.8	17
969	Toll-like Receptor 8 Stability Is Regulated by Ring Finger 216 in Response to Circulating MicroRNAs. American Journal of Respiratory Cell and Molecular Biology, 2020, 62, 157-167.	1.4	27
970	Is chest imaging relevant in diagnosing acute respiratory distress syndrome in polytrauma patients? A population-based cohort study. European Journal of Trauma and Emergency Surgery, 2020, 46, 1393-1402.	0.8	3
971	Lung Recruitment Maneuvers for ARDS Patients: A Systematic Review and Meta-Analysis. Respiration, 2020, 99, 264-276.	1.2	23
972	A novel method for transpulmonary pressure estimation using fluctuation of central venous pressure. Journal of Clinical Monitoring and Computing, 2020, 34, 725-731.	0.7	9
973	Current understanding of the therapeutic benefits of mesenchymal stem cells in acute respiratory distress syndrome. Cell Biology and Toxicology, 2020, 36, 83-102.	2.4	56
974	An NMR based panorama of the heterogeneous biology of acute respiratory distress syndrome (ARDS) from the standpoint of metabolic biomarkers. NMR in Biomedicine, 2020, 33, e4192.	1.6	7
975	Therapeutic potential of mesenchymal stem/stromal cell-derived secretome and vesicles for lung injury and disease. Expert Opinion on Biological Therapy, 2020, 20, 125-140.	1.4	62
976	Platelet biology of the rapidly failing lung. British Journal of Haematology, 2020, 188, 641-651.	1.2	21
977	Biochanin A protect against lipopolysaccharide-induced acute lung injury in mice by regulating TLR4/NF- $\kappa$ B and PPAR- $\gamma$ pathway. Microbial Pathogenesis, 2020, 138, 103846.	1.3	28
978	Imaging of Diffuse Lung Disease in the Intensive Care Unit Patient. Radiologic Clinics of North America, 2020, 58, 119-131.	0.9	5
979	Prevention and treatment of acute lung injury with time-controlled adaptive ventilation: physiologically informed modification of airway pressure release ventilation. Annals of Intensive Care, 2020, 10, 3.	2.2	53
980	Bedside dynamic calculation of mechanical power: A validation study. Journal of Critical Care, 2020, 56, 167-170.	1.0	8
981	Pulmonary levels of biomarkers for inflammation and lung injury in protective versus conventional one-lung ventilation for oesophagectomy. European Journal of Anaesthesiology, 2020, 37, 1040-1049.	0.7	11
982	Hospital-Level Availability of Prone Positioning in Massachusetts ICUs. American Journal of Respiratory and Critical Care Medicine, 2020, 201, 1006-1008.	2.5	12



#	ARTICLE	IF	CITATIONS
983	Iron and Sphingolipids as Common Players of (Mal)Adaptation to Hypoxia in Pulmonary Diseases. <i>International Journal of Molecular Sciences</i> , 2020, 21, 307.	1.8	17
984	Blockade of equilibrative nucleoside transporter 1/2 protects against <i>Pseudomonas aeruginosa</i> -induced acute lung injury and NLRP3 inflammasome activation. <i>FASEB Journal</i> , 2020, 34, 1516-1531.	0.2	19
985	Stressors and strains of next of kin of patients with ARDS in intensive care: A qualitative interview study using a stress-strain approach. <i>Intensive and Critical Care Nursing</i> , 2020, 57, 102783.	1.4	8
986	Rescue Neuromuscular Blockade in Acute Respiratory Distress Syndrome Should Be Flat Dose. <i>Critical Care Medicine</i> , 2020, 48, 591-593.	0.4	3
987	Therapeutic effect and mechanism study of L-cysteine derivative 5P39 on LPS-induced acute lung injury in mice. <i>European Journal of Pharmacology</i> , 2020, 869, 172893.	1.7	6
988	Mechanical Ventilation for Acute Respiratory Distress Syndrome during Extracorporeal Life Support. <i>Research and Practice. American Journal of Respiratory and Critical Care Medicine</i> , 2020, 201, 514-525.	2.5	105
989	Airway and transpulmonary driving pressures and mechanical powers selected by INTELLIVENT-ASV in passive, mechanically ventilated ICU patients. <i>Heart and Lung: Journal of Acute and Critical Care</i> , 2020, 49, 427-434.	0.8	23
990	A predictive factor for patients with acute respiratory distress syndrome: CT lung volumetry of the well-aerated region as an automated method. <i>European Journal of Radiology</i> , 2020, 122, 108748.	1.2	33
991	An emergency medicine approach to troponin elevation due to causes other than occlusion myocardial infarction. <i>American Journal of Emergency Medicine</i> , 2020, 38, 998-1006.	0.7	32
992	Acyclovir for Mechanically Ventilated Patients With Herpes Simplex Virus Oropharyngeal Reactivation. <i>JAMA Internal Medicine</i> , 2020, 180, 263.	2.6	46
994	Searching for the optimal positive end-expiratory pressure for lung protective ventilation. <i>Current Opinion in Critical Care</i> , 2020, 26, 53-58.	1.6	12
995	The role of computer-based clinical decision support systems to deliver protective mechanical ventilation. <i>Current Opinion in Critical Care</i> , 2020, 26, 73-81.	1.6	8
996	PEEP Titration to Minimize Driving Pressure in Subjects With ARDS: A Prospective Physiological Study. <i>Respiratory Care</i> , 2020, 65, 583-589.	0.8	17
997	Static and Dynamic Transpulmonary Driving Pressures Affect Lung and Diaphragm Injury during Pressure-controlled versus Pressure-support Ventilation in Experimental Mild Lung Injury in Rats. <i>Anesthesiology</i> , 2020, 132, 307-320.	1.3	18
998	Personalized pharmacological therapy for ARDS: a light at the end of the tunnel. <i>Expert Opinion on Investigational Drugs</i> , 2020, 29, 49-61.	1.9	34
999	Extracorporeal carbon dioxide removal requirements for ultraprotective mechanical ventilation: Mathematical model predictions. <i>Artificial Organs</i> , 2020, 44, 488-496.	1.0	4
1000	Mitochondrial transplantation: respiration rescue in respiratory failure. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 318, L76-L77.	1.3	0
1001	Effectiveness, Safety, and Economic Comparison of Inhaled Epoprostenol Brands, Flolan and Veletri, in Acute Respiratory Distress Syndrome. <i>Annals of Pharmacotherapy</i> , 2020, 54, 434-441.	0.9	6

#	ARTICLE	IF	CITATIONS
1002	Use of hemoadsorption in sepsis-associated ECMO-dependent severe ARDS: A case series. <i>Journal of the Intensive Care Society</i> , 2020, 21, 183-190.	1.1	31
1003	Flow-Controlled Ventilation Attenuates Lung Injury in a Porcine Model of Acute Respiratory Distress Syndrome. <i>Critical Care Medicine</i> , 2020, 48, e241-e248.	0.4	38
1004	Histone Deacetylase 7 Inhibition in a Murine Model of Gram-Negative Pneumonia-Induced Acute Lung Injury. <i>Shock</i> , 2020, 53, 344-351.	1.0	12
1005	Demographics, Treatments, and Outcomes of Acute Respiratory Distress Syndrome: the Focused Outcomes Research in Emergency Care in Acute Respiratory Distress Syndrome, Sepsis, and Trauma (FORECAST) Study. <i>Shock</i> , 2020, 53, 544-549.	1.0	13
1006	Pneumonia in the face of COVID-19. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 319, L863-L866.	1.3	5
1007	The Impact of COVID-19 on Blood Glucose: A Systematic Review and Meta-Analysis. <i>Frontiers in Endocrinology</i> , 2020, 11, 574541.	1.5	74
1008	Rapid implementation of a mobile prone team during the COVID-19 pandemic. <i>Journal of Critical Care</i> , 2020, 60, 230-234.	1.0	26
1009	AmbuBox: A Fast-Deployable Low-Cost Ventilator for COVID-19 Emergent Care. <i>SLAS Technology</i> , 2020, 25, 573-584.	1.0	31
1010	Factors influencing liberation from mechanical ventilation in coronavirus disease 2019: multicenter observational study in fifteen Italian ICUs. <i>Journal of Intensive Care</i> , 2020, 8, 80.	1.3	67
1011	Extracorporeal membrane oxygenation support in COVID-19: an international cohort study of the Extracorporeal Life Support Organization registry. <i>Lancet, The</i> , 2020, 396, 1071-1078.	6.3	656
1012	Intermedin alleviates the inflammatory response and stabilizes the endothelial barrier in LPS-induced ARDS through the PI3K/Akt/eNOS signaling pathway. <i>International Immunopharmacology</i> , 2020, 88, 106951.	1.7	7
1013	Targeting NOX4 alleviates sepsis-induced acute lung injury via attenuation of redox-sensitive activation of CaMKII/ERK1/2/MLCK and endothelial cell barrier dysfunction. <i>Redox Biology</i> , 2020, 36, 101638.	3.9	108
1014	Extracellular CIRP Induces Inflammation in Alveolar Type II Cells via TREM-1. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 579157.	1.8	19
1015	Sodium-Glucose Cotransporter 2 Inhibitors and Major COVID-19 Outcomes: Promising Mechanisms, Conflicting Data, and Intriguing Clinical Decisions. <i>Diabetes Therapy</i> , 2020, 11, 3003-3005.	1.2	6
1016	Physiological and quantitative CT-scan characterization of COVID-19 and typical ARDS: a matched cohort study. <i>Intensive Care Medicine</i> , 2020, 46, 2187-2196.	3.9	169
1017	Lung regeneration: implications of the diseased niche and ageing. <i>European Respiratory Review</i> , 2020, 29, 200222.	3.0	18
1018	Immunomodulation Through Low-Dose Radiation for Severe COVID-19: Lessons From the Past and New Developments. <i>Dose-Response</i> , 2020, 18, 155932582095680.	0.7	8
1020	Acute respiratory distress syndrome in the forward environment. Retrospective analysis of acute respiratory distress syndrome cases among French Army war casualties. <i>Journal of Trauma and Acute Care Surgery</i> , 2020, 89, S207-S212.	1.1	11

#	ARTICLE	IF	CITATIONS
1021	In Silico Modeling of Coronavirus Disease 2019 Acute Respiratory Distress Syndrome: Pathophysiologic Insights and Potential Management Implications. , 2020, 2, e0202.		14
1022	The authors reply. <i>Critical Care Medicine</i> , 2020, 48, e988-e988.	0.4	0
1023	Fluid management in ARDS: an evaluation of current practice and the association between early diuretic use and hospital mortality. <i>Journal of Intensive Care</i> , 2020, 8, 78.	1.3	21
1024	Weâ€™ve never seen a patient with ARDS!. <i>Intensive Care Medicine</i> , 2020, 46, 2133-2135.	3.9	8
1025	All for One and One for All: Voluntary Physicians in the Intensive Medicine Units During the COVID-19 Outbreak in Spain. <i>Disaster Medicine and Public Health Preparedness</i> , 2020, , 1-7.	0.7	3
1026	Extracellular vesicles released from p18 overexpressing pulmonary endothelial cells are barrier protective â€” potential implications for acute respiratory distress syndrome. <i>Pulmonary Circulation</i> , 2020, 10, 1-13.	0.8	5
1027	COVID-19-related and non-COVID-related acute respiratory distress syndrome: two sides of the same coin?. <i>Intensive Care Medicine</i> , 2020, 46, 2197-2199.	3.9	2
1028	ECMO for severe ARDS: systematic review and individual patient data meta-analysis. <i>Intensive Care Medicine</i> , 2020, 46, 2048-2057.	3.9	212
1029	Impact of rs174537 on Critically Ill Patients with Acute Lung Injury: A Secondary Analysis of the OMEGA Randomized Clinical Trial. <i>Current Developments in Nutrition</i> , 2020, 4, nzaa147.	0.1	3
1030	Neuromuscular blocking agents (NMBA) for COVID-19 acute respiratory distress syndrome: a multicenter observational study. <i>Critical Care</i> , 2020, 24, 446.	2.5	39
1031	Machine Learning Classifier Models: The Future for Acute Respiratory Distress Syndrome Phenotyping?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 919-920.	2.5	8
1032	Bedside calculation of mechanical power during volume- and pressure-controlled mechanical ventilation. <i>Critical Care</i> , 2020, 24, 417.	2.5	71
1033	Patient characteristics, clinical course and factors associated to ICU mortality in critically ill patients infected with SARS-CoV-2 in Spain: A prospective, cohort, multicentre study. <i>Revista EspaÃ±ola De AnestesiologÃa Y ReanimaciÃ³n (English Edition)</i> , 2020, 67, 425-437.	0.1	17
1034	Recommendations of the Working Groups from the Spanish Society of Intensive and Critical Care Medicine and Coronary Units (SEMICYUC) for the management of adult critically ill patients in the coronavirus disease (COVID-19). <i>Medicina Intensiva (English Edition)</i> , 2020, 44, 371-388.	0.1	5
1035	Risk Factors Associated With Mortality Among Patients With COVID-19 in Intensive Care Units in Lombardy, Italy. <i>JAMA Internal Medicine</i> , 2020, 180, 1345.	2.6	1,165
1036	Novel approaches to facilitate the implementation of guidelines in the ICU. <i>Journal of Critical Care</i> , 2020, 60, 1-5.	1.0	19
1037	Evidence-Based Practices for Acute Respiratory Failure and Acute Respiratory Distress Syndrome. <i>Chest</i> , 2020, 158, 2381-2393.	0.4	11
1039	Iron overload causes a mild and transient increase in acute lung injury. <i>Physiological Reports</i> , 2020, 8, e14470.	0.7	6

#	ARTICLE	IF	CITATIONS
1040	Emerging pharmacological therapies for ARDS: COVID-19 and beyond. <i>Intensive Care Medicine</i> , 2020, 46, 2265-2283.	3.9	52
1041	Optimal VAsopressor Titration in patients 65 years and older (OVATION-65): protocol and statistical analysis plan for a randomised clinical trial. <i>BMJ Open</i> , 2020, 10, e037947.	0.8	4
1042	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
1043	Phenotypes and personalized medicine in the acute respiratory distress syndrome. <i>Intensive Care Medicine</i> , 2020, 46, 2136-2152.	3.9	106
1044	Help for Adherence to Lung-Protective Ventilation for Those Who Will Accept It. <i>Chest</i> , 2020, 158, 2247-2248.	0.4	3
1045	Powering Bias and Clinically Important Treatment Effects in Randomized Trials of Critical Illness*. <i>Critical Care Medicine</i> , 2020, 48, 1710-1719.	0.4	28
1046	Coronavirus Disease 2019 Acute Respiratory Distress Syndrome: Guideline-Driven Care Should Be Our Natural Reflex. <i>Critical Care Medicine</i> , 2020, 48, 1835-1837.	0.4	3
1047	The efficacy of mesenchymal stromal cell-derived therapies for acute respiratory distress syndrome—a meta-analysis of preclinical trials. <i>Respiratory Research</i> , 2020, 21, 307.	1.4	10
1048	Early neuromuscular blocking agents for adults with acute respiratory distress syndrome: a systematic review, meta-analysis and meta-regression. <i>BMJ Open</i> , 2020, 10, e037737.	0.8	7
1049	Therapeutic Potential of Heme Oxygenase-1 and Carbon Monoxide in Acute Organ Injury, Critical Illness, and Inflammatory Disorders. <i>Antioxidants</i> , 2020, 9, 1153.	2.2	35
1050	Hospital Resources May Be an Important Aspect of Mortality Rate among Critically Ill Patients with COVID-19: The Paradigm of Greece. <i>Journal of Clinical Medicine</i> , 2020, 9, 3730.	1.0	11
1051	Investigating the effect of TRPV4 inhibition on pulmonary-vascular barrier permeability following segmental endotoxin challenge. <i>Pulmonary Pharmacology and Therapeutics</i> , 2020, 64, 101977.	1.1	10
1052	COVID-19: Adaptation of a model to predict healthcare resource needs in Valle del Cauca, Colombia. <i>Colombia Medica</i> , 2020, 51, e204534.	0.7	3
1053	Canagliflozin alleviates LPS-induced acute lung injury by modulating alveolar macrophage polarization. <i>International Immunopharmacology</i> , 2020, 88, 106969.	1.7	30
1054	Emodin improves alveolar hypercoagulation and inhibits pulmonary inflammation in LPS-provoked ARDS in mice via NF- $\kappa$ B inactivation. <i>International Immunopharmacology</i> , 2020, 88, 107020.	1.7	15
1055	Characterisation and outcomes of ARDS secondary to pneumonia in patients with and without SARS-CoV-2: a single-centre experience. <i>BMJ Open Respiratory Research</i> , 2020, 7, e000731.	1.2	13
1056	Determination of a Specific Population Who Could Benefit From Rosuvastatin: A Secondary Analysis of a Randomized Controlled Trial to Uncover the Novel Value of Rosuvastatin for the Precise Treatment of ARDS. <i>Frontiers in Medicine</i> , 2020, 7, 598621.	1.2	5
1057	COVID-19: The Emerging Immunopathological Determinants for Recovery or Death. <i>Frontiers in Microbiology</i> , 2020, 11, 588409.	1.5	19

#	ARTICLE	IF	CITATIONS
1058	Mortality Rates in a Diverse Cohort of Mechanically Ventilated Patients With Novel Coronavirus in the Urban Midwest. , 2020, 2, e0187.		15
1059	Bronchoalveolar Tregs are associated with duration of mechanical ventilation in acute respiratory distress syndrome. <i>Journal of Translational Medicine</i> , 2020, 18, 427.	1.8	9
1060	Mesenchymal Stromal Cells Attenuate Infection-Induced Acute Respiratory Distress Syndrome in Animal Experiments: A Meta-Analysis. <i>Cell Transplantation</i> , 2020, 29, 096368972096918.	1.2	11
1061	Successful treatment of severe pneumonia, pyopneumothorax with severe acute respiratory distress syndrome, and septic shock: a case report. <i>European Journal of Medical Research</i> , 2020, 25, 57.	0.9	1
1062	Epidemiology and Outcomes of Acute Respiratory Distress Syndrome Following Isolated Severe Traumatic Brain Injury. <i>Journal of Intensive Care Medicine</i> , 2022, 37, 68-74.	1.3	12
1063	Can Serum Fibrinogen Predict ARDS?. <i>Infectious Diseases: Research and Treatment</i> , 2020, 13, 117863372094350.	0.7	2
1064	Prospective Observational Study to Evaluate the Effect of Different Levels of Positive End-Expiratory Pressure on Lung Mechanics in Patients with and without Acute Respiratory Distress Syndrome. <i>Journal of Clinical Medicine</i> , 2020, 9, 2446.	1.0	2
1065	Circular RNA expression in the lungs of a mouse model of sepsis induced by cecal ligation and puncture. <i>Heliyon</i> , 2020, 6, e04532.	1.4	9
1066	Myeloperoxidase instigates proinflammatory responses in a cecal ligation and puncture rat model of sepsis. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 319, H705-H721.	1.5	13
1067	Evidence and Our Daily Risk Trade-offs in the Care of Critically Ill Patients. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 1493-1494.	2.5	1
1068	ECCO2R therapy in the ICU: consensus of a European round table meeting. <i>Critical Care</i> , 2020, 24, 490.	2.5	33
1069	A case series of children with adenovirus pneumonia: three-year experiences in a tertiary PICU. <i>BMC Pediatrics</i> , 2020, 20, 375.	0.7	13
1070	Supervised machine learning for the early prediction of acute respiratory distress syndrome (ARDS). <i>Journal of Critical Care</i> , 2020, 60, 96-102.	1.0	54
1071	Have there been changes in the application of mechanical ventilation in relation to scientific evidence? A multicenter observational study in Mexico. <i>Medicina Intensiva (English Edition)</i> , 2020, 44, 333-343.	0.1	1
1072	Shortage of sedatives and neuromuscular blockers during COVID-19 pandemic: The result of an overstocking procedure in French hospitals?. <i>Anaesthesia, Critical Care &amp; Pain Medicine</i> , 2020, 39, 585-586.	0.6	10
1073	Venovenous extracorporeal membrane oxygenation versus conventional mechanical ventilation to treat refractory hypoxemia in patients with acute respiratory distress syndrome: a retrospective cohort study. <i>Journal of International Medical Research</i> , 2020, 48, 030006052093570.	0.4	2
1074	Association of an Emergency Departmentâ€“embedded Critical Care Unit with Hospital Outcomes and Intensive Care Unit Use. <i>Annals of the American Thoracic Society</i> , 2020, 17, 1599-1609.	1.5	9
1075	COVID-19: Complement, Coagulation, and Collateral Damage. <i>Journal of Immunology</i> , 2020, 205, 1488-1495.	0.4	127

#	ARTICLE	IF	CITATIONS
1076	How systems engineering can improve care in the ICU. <i>Journal of Clinical Anesthesia</i> , 2020, 66, 109966.	0.7	0
1077	Time Course of Evolving Ventilator-Induced Lung Injury: The “Shrinking Baby Lung”. <i>Critical Care Medicine</i> , 2020, 48, 1203-1209.	0.4	53
1078	Nebulised heparin as a treatment for COVID-19: scientific rationale and a call for randomised evidence. <i>Critical Care</i> , 2020, 24, 454.	2.5	81
1080	While We Wait for a Vaccine Against SARS-CoV-2, Why Not Think About Available Drugs?. <i>Frontiers in Physiology</i> , 2020, 11, 820.	1.3	13
1081	SIRT7 deficiency suppresses inflammation, induces EndoMT, and increases vascular permeability in primary pulmonary endothelial cells. <i>Scientific Reports</i> , 2020, 10, 12497.	1.6	15
1082	Neutrophil Extracellular Traps (NETs) and Damage-Associated Molecular Patterns (DAMPs): Two Potential Targets for COVID-19 Treatment. <i>Mediators of Inflammation</i> , 2020, 2020, 1-25.	1.4	129
1083	Clinical features, ventilatory management, and outcome of ARDS caused by COVID-19 are similar to other causes of ARDS. <i>Intensive Care Medicine</i> , 2020, 46, 2200-2211.	3.9	295
1084	Saying no until the moment is right: initiating ECMO in the EOLIA era. <i>Intensive Care Medicine</i> , 2020, 46, 1894-1896.	3.9	13
1085	Time-varying intensity of mechanical ventilation and mortality in patients with acute respiratory failure: a registry-based, prospective cohort study. <i>Lancet Respiratory Medicine</i> , 2020, 8, 905-913.	5.2	106
1086	Características, evolución clínica y factores asociados a la mortalidad en UCI de los pacientes críticos infectados por SARS-CoV-2 en España: estudio prospectivo, de cohorte y multicéntrico. <i>Revista Española De Anestesiología Y Reanimación</i> , 2020, 67, 425-437.	0.1	104
1087	Mortality in COVID-19 patients with acute respiratory distress syndrome and corticosteroids use: a systematic review and meta-analysis. <i>Expert Review of Respiratory Medicine</i> , 2020, 14, 1149-1163.	1.0	184
1088	Therapeutic plasma exchange in adult critically ill patients with life-threatening SARS-CoV-2 disease: A pilot study. <i>Journal of Critical Care</i> , 2020, 60, 328-333.	1.0	37
1089	Prognosis of pathogen-proven acute respiratory distress syndrome diagnosed from a protocol that includes bronchoalveolar lavage: a retrospective observational study. <i>Journal of Intensive Care</i> , 2020, 8, 54.	1.3	3
1090	Acute respiratory distress syndrome: a life threatening associated complication of SARS-CoV-2 infection inducing COVID-19. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 6842-6851.	2.0	43
1091	Alveolar Type II Cells or Mesenchymal Stem Cells: Comparison of Two Different Cell Therapies for the Treatment of Acute Lung Injury in Rats. <i>Cells</i> , 2020, 9, 1816.	1.8	15
1092	Disease-modifying treatment of chemical threat agent-induced acute lung injury. <i>Annals of the New York Academy of Sciences</i> , 2020, 1480, 14-29.	1.8	16
1093	Effects of gravity and surface tension on steady microbubble propagation in asymmetric bifurcating airways. <i>Physics of Fluids</i> , 2020, 32, 072105.	1.6	15
1094	Meta-trial of awake prone positioning with nasal high flow therapy: Invitation to join a pandemic collaborative research effort. <i>Journal of Critical Care</i> , 2020, 60, 140-142.	1.0	11



#	ARTICLE	IF	CITATIONS
1095	Purified Î²-D-glucans from the Shiitake mushroom ameliorates antibiotic-resistant <i>Klebsiella pneumoniae</i> -induced pulmonary sepsis. <i>Letters in Applied Microbiology</i> , 2020, 71, 405-412.	1.0	19
1096	Inhibition of ERRÎ± Aggravates Sepsis-Induced Acute Lung Injury in Rats via Provoking Inflammation and Oxidative Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-9.	1.9	29
1097	Electroacupuncture Pretreatment Alleviates LPS-Induced Acute Respiratory Distress Syndrome via Regulating the PPAR Gamma/NF-Kappa B Signaling Pathway. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-10.	0.5	8
1098	ECMO for severe ARDS associated with COVID-19: now we know we can, but should we?. <i>Lancet Respiratory Medicine</i> , 2020, 8, 1066-1068.	5.2	22
1099	Pharmacological management of adult patients with acute respiratory distress syndrome. <i>Expert Opinion on Pharmacotherapy</i> , 2020, 21, 2169-2183.	0.9	6
1100	Delivering evidence-based critical care for mechanically ventilated patients with COVID-19. <i>Lancet Respiratory Medicine</i> , 2020, 8, 756-758.	5.2	5
1101	Oxygen-mediated lung injury in mice lacking the gene for NRF2: Rescue with the cytochrome P4501A-inducer, beta-naphthoflavone (BNF), and differential sex-specific effects. <i>Free Radical Biology and Medicine</i> , 2020, 160, 208-218.	1.3	6
1102	Extracorporeal life support for adults with acute respiratory distress syndrome. <i>Intensive Care Medicine</i> , 2020, 46, 2464-2476.	3.9	98
1103	Soluble PD-L1 improved direct ARDS by reducing monocyte-derived macrophages. <i>Cell Death and Disease</i> , 2020, 11, 934.	2.7	14
1104	The Role of MicroRNAs in Acute Respiratory Distress Syndrome and Sepsis, From Targets to Therapies: A Narrative Review. <i>Anesthesia and Analgesia</i> , 2020, 131, 1471-1484.	1.1	31
1105	<p></p>Role of Renin-Angiotensin System in Acute Lung Injury Caused by Viral Infection<p></p>. <i>Infection and Drug Resistance</i> , 2020, Volume 13, 3715-3725.	1.1	33
1106	Neuromuscular blockade in patients with ARDS: a rapid practice guideline. <i>Intensive Care Medicine</i> , 2020, 46, 1977-1986.	3.9	78
1107	Inflammation, Thrombosis, and Destruction: The Three-Headed Cerberus of Trauma- and SARS-CoV-2-Induced ARDS. <i>Frontiers in Immunology</i> , 2020, 11, 584514.	2.2	25
1108	Pneumomediastinum and subcutaneous emphysema in COVID-19: barotrauma or lung frailty?. <i>ERJ Open Research</i> , 2020, 6, 00385-2020.	1.1	109
1109	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
1110	A Case Report of COVID-19 in New Orleans, Louisiana: Highlighting the Complexities of Prognostication in a Critically Ill Patient. <i>Palliative Medicine Reports</i> , 2020, 1, 227-231.	0.4	1
1111	Targeted Antagonism of Vascular Endothelial Growth Factor Reduces Mortality of Mice with Acute Respiratory Distress Syndrome. <i>Current Medical Science</i> , 2020, 40, 671-676.	0.7	5
1112	Alleviation of Lipopolysaccharide-Induced Acute Respiratory Distress Syndrome in Rats by Yiqi Huayu Jiedu Decoction: A Tandem Mass Tag-Based Proteomics Study. <i>Frontiers in Pharmacology</i> , 2020, 11, 1215.	1.6	5



#	ARTICLE	IF	CITATIONS
1113	Physiological effects of two driving pressure-based methods to set positive end-expiratory pressure during one lung ventilation. <i>Journal of Clinical Monitoring and Computing</i> , 2021, 35, 1149-1157.	0.7	16
1114	Corticosteroids in COVID-19 ARDS. <i>JAMA - Journal of the American Medical Association</i> , 2020, 324, 1292.	3.8	166
1115	Isolated Lung Perfusion in the Management of Acute Respiratory Distress Syndrome. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6820.	1.8	3
1117	Effect of calcifediol treatment and best available therapy versus best available therapy on intensive care unit admission and mortality among patients hospitalized for COVID-19: A pilot randomized clinical study. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2020, 203, 105751.	1.2	538
1118	Novel Phenotypes in Respiratory Failure: Same As It Ever Was. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 1207-1209.	2.5	7
1119	Multi-factorial barriers and facilitators to high adherence to lung-protective ventilation using a computerized protocol: a mixed methods study. <i>Implementation Science Communications</i> , 2020, 1, 67.	0.8	11
1120	Protectin DX ameliorates inflammation in sepsis-induced acute lung injury through mediating PPAR $\gamma$ /NF- $\kappa$ B pathway. <i>Immunologic Research</i> , 2020, 68, 280-288.	1.3	18
1121	Pathophysiology of COVID-19-associated acute respiratory distress syndrome: a multicentre prospective observational study. <i>Lancet Respiratory Medicine</i> , 2020, 8, 1201-1208.	5.2	516
1122	LncRNA TUG1 reverses LPS-induced cell apoptosis and inflammation of macrophage via targeting MiR-221-3p/SPRED2 axis. <i>Bioscience, Biotechnology and Biochemistry</i> , 2020, 84, 2458-2465.	0.6	5
1123	Study on Intervention Mechanism of Yiqi Huayu Jiedu Decoction on ARDS Based on Network Pharmacology. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-16.	0.5	2
1124	Transthoracic echocardiography during prone position ventilation: Lessons from the COVID-19 pandemic. <i>Journal of the American College of Emergency Physicians Open</i> , 2020, 1, 730-736.	0.4	13
1125	Respiratory physiology of COVID-19-induced respiratory failure compared to ARDS of other etiologies. <i>Critical Care</i> , 2020, 24, 529.	2.5	128
1126	Proning during covid-19: Challenges and solutions. <i>Heart and Lung: Journal of Acute and Critical Care</i> , 2020, 49, 686-687.	0.8	16
1127	Outcomes in mechanically ventilated patients with hypoxaemic respiratory failure caused by COVID-19. <i>British Journal of Anaesthesia</i> , 2020, 125, e480-e483.	1.5	13
1128	External Validation of an Acute Respiratory Distress Syndrome Prediction Model Using Radiology Reports. <i>Critical Care Medicine</i> , 2020, 48, e791-e798.	0.4	8
1129	Alveolar CCN1 is associated with mechanical stretch and acute respiratory distress syndrome severity. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 319, L825-L832.	1.3	6
1130	How severe COVID-19 infection is changing ARDS management. <i>Intensive Care Medicine</i> , 2020, 46, 2184-2186.	3.9	13
1133	Extracorporeal Membrane Oxygenation for Critically Ill Patients with COVID-19-related Acute Respiratory Distress Syndrome: Worth the Effort!. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 1477-1479.	2.5	2

#	ARTICLE	IF	CITATIONS
1134	MicroRNA-377-3p released by mesenchymal stem cell exosomes ameliorates lipopolysaccharide-induced acute lung injury by targeting RPTOR to induce autophagy. <i>Cell Death and Disease</i> , 2020, 11, 657.	2.7	64
1135	Mechanical Ventilation Strategy Guided by Transpulmonary Pressure in Severe Acute Respiratory Distress Syndrome Treated With Venovenous Extracorporeal Membrane Oxygenation. <i>Critical Care Medicine</i> , 2020, 48, 1280-1288.	0.4	23
1136	Extracorporeal Membrane Oxygenation for Coronavirus Disease 2019-Induced Acute Respiratory Distress Syndrome: A Multicenter Descriptive Study*. <i>Critical Care Medicine</i> , 2020, 48, 1289-1295.	0.4	94
1137	ICU and Ventilator Mortality Among Critically Ill Adults With Coronavirus Disease 2019*. <i>Critical Care Medicine</i> , 2020, 48, e799-e804.	0.4	368
1138	Compliance Phenotypes in Early Acute Respiratory Distress Syndrome before the COVID-19 Pandemic. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 1244-1252.	2.5	85
1139	Incidence and outcomes of acute respiratory distress syndrome in intensive care units of mainland China: a multicentre prospective longitudinal study. <i>Critical Care</i> , 2020, 24, 515.	2.5	33
1140	Pulmonary and systemic hemodynamics are associated with myocardial injury in the acute respiratory distress syndrome. <i>Pulmonary Circulation</i> , 2020, 10, 1-9.	0.8	3
1141	Lower versus higher hemoglobin threshold for transfusion in ARDS patients with and without ECMO. <i>Critical Care</i> , 2020, 24, 697.	2.5	13
1142	Percutaneous tracheostomy for long-term ventilated COVID-19-patients: rationale and first clinical-safe for all-experience. <i>Anaesthesiology Intensive Therapy</i> , 2020, 52, 366-372.	0.4	6
1143	Prone versus Supine Position Ventilation in Adult Patients with Acute Respiratory Distress Syndrome: A Meta-Analysis of Randomized Controlled Trials. <i>Emergency Medicine International</i> , 2020, 2020, 1-9.	0.3	5
1144	COVID-19 Induced Acute Respiratory Distress Syndrome—A Multicenter Observational Study. <i>Frontiers in Medicine</i> , 2020, 7, 599533.	1.2	18
1145	MicroRNA-499-5p targets SIRT1 to aggravate lipopolysaccharide-induced acute lung injury. <i>Free Radical Research</i> , 2020, 55, 1-12.	1.5	9
1146	Outcome of Patients Admitted to Intensive Care Units due to Influenza-Related Severe Acute Respiratory Illness in 2017–2018 Flu Season: A Multicenter Study from Turkey. <i>Respiration</i> , 2020, 99, 954-960.	1.2	4
1147	Refining the Syndrome*. <i>Pediatric Critical Care Medicine</i> , 2020, 21, 1094-1096.	0.2	0
1148	Can Computer Decision Support Help Us Follow Our Own Rules in Pediatric Acute Respiratory Distress Syndrome?*. <i>Pediatric Critical Care Medicine</i> , 2020, 21, 1000-1001.	0.2	1
1149	Five novel clinical phenotypes for critically ill patients with mechanical ventilation in intensive care units: a retrospective and multi database study. <i>Respiratory Research</i> , 2020, 21, 325.	1.4	15
1150	Ginsenoside ameliorated ventilator-induced lung injury in rats. <i>Journal of Intensive Care</i> , 2020, 8, 89.	1.3	9
1151	Perioperative Lung Protection: Clinical Implications. <i>Anesthesia and Analgesia</i> , 2020, 131, 1721-1729.	1.1	16

#	ARTICLE	IF	CITATIONS
1152	Disease Mechanisms of Perioperative Organ Injury. <i>Anesthesia and Analgesia</i> , 2020, 131, 1730-1750.	1.1	16
1153	Diagnosis and Management of Acute Respiratory Distress Syndrome in a Time of COVID-19. <i>Diagnostics</i> , 2020, 10, 1053.	1.3	13
1154	Physiological effects of different recruitment maneuvers in a pig model of ARDS. <i>BMC Anesthesiology</i> , 2020, 20, 266.	0.7	5
1155	Physiologically variable ventilation reduces regional lung inflammation in a pediatric model of acute respiratory distress syndrome. <i>Respiratory Research</i> , 2020, 21, 288.	1.4	6
1156	Mechanically Stretched Mesenchymal Stem Cells Can Reduce the Effects of LPS-Induced Injury on the Pulmonary Microvascular Endothelium Barrier. <i>Stem Cells International</i> , 2020, 2020, 1-12.	1.2	3
1157	The HDL from septic-ARDS patients with composition changes exacerbates pulmonary endothelial dysfunction and acute lung injury induced by cecal ligation and puncture (CLP) in mice. <i>Respiratory Research</i> , 2020, 21, 293.	1.4	15
1158	CXCL10 could drive longer duration of mechanical ventilation during COVID-19 ARDS. <i>Critical Care</i> , 2020, 24, 632.	2.5	67
1159	Current and evolving standards of care for patients with ARDS. <i>Intensive Care Medicine</i> , 2020, 46, 2157-2167.	3.9	55
1160	Real-Time Effort Driven Ventilator Management: A Pilot Study*. <i>Pediatric Critical Care Medicine</i> , 2020, 21, 933-940.	0.2	15
1161	Pro- and Anti-Inflammatory Responses in Severe COVID-19-Induced Acute Respiratory Distress Syndrome—An Observational Pilot Study. <i>Frontiers in Immunology</i> , 2020, 11, 581338.	2.2	75
1162	Prevalence and Outcomes of Acute Hypoxaemic Respiratory Failure in Wales: The PANDORA-WALES Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 3521.	1.0	7
1163	Analgesia and sedation in patients with ARDS. <i>Intensive Care Medicine</i> , 2020, 46, 2342-2356.	3.9	155
1164	Characteristics and Outcomes in Patients with Ventilator-Associated Pneumonia Who Do or Do Not Develop Acute Respiratory Distress Syndrome. An Observational Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 3508.	1.0	1
1165	Human Umbilical Cord-Derived Mesenchymal Stem Cells for Acute Respiratory Distress Syndrome. <i>Critical Care Medicine</i> , 2020, 48, e391-e399.	0.4	67
1166	Mesenchymal Stem Cells in Acute Respiratory Distress Syndrome Supported with Extracorporeal Membrane Oxygenation. Lost in Translational Research?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 314-315.	2.5	1
1167	Increased mortality of acute respiratory distress syndrome was associated with high levels of plasma phenylalanine. <i>Respiratory Research</i> , 2020, 21, 99.	1.4	21
1168	Targeting Driving Pressure for the Management of ARDS—Is It Just Very Low Tidal Volume Ventilation?. <i>Annals of the American Thoracic Society</i> , 2020, 17, 557-558.	1.5	4
1169	Effectiveness of glucocorticoid therapy in patients with severe coronavirus disease 2019: protocol of a randomized controlled trial. <i>Chinese Medical Journal</i> , 2020, 133, 1080-1086.	0.9	88

#	ARTICLE	IF	CITATIONS
1170	Validation of RESP and PRESERVE score for ARDS patients with pumpless extracorporeal lung assist (pECLA). <i>BMC Anesthesiology</i> , 2020, 20, 102.	0.7	2
1172	Two important controversial risk factors in SARS-CoV-2 infection: Obesity and smoking. <i>Environmental Toxicology and Pharmacology</i> , 2020, 78, 103411.	2.0	131
1173	Acute Lung Injury: Disease Modelling and the Therapeutic Potential of Stem Cells. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1298, 149-166.	0.8	17
1174	Elevated levels of IL-6 and CRP predict the need for mechanical ventilation in COVID-19. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 146, 128-136.e4.	1.5	783
1175	Respiratory Mechanics and Gas Exchange in COVID-19-associated Respiratory Failure. <i>Annals of the American Thoracic Society</i> , 2020, 17, 1158-1161.	1.5	106
1176	Prior metformin therapy and 30-day mortality in patients with acute respiratory distress syndrome: a nationwide cohort study. <i>Annals of Palliative Medicine</i> , 2020, 9, 903-911.	0.5	6
1177	Transcriptomic Analysis of Pulmonary Microvascular Endothelial Cells with IQGAP1 Knockdown. <i>DNA and Cell Biology</i> , 2020, 39, 1127-1140.	0.9	6
1178	Utility of Tracheostomy in Patients With COVID-19 and Other Special Considerations. <i>Laryngoscope</i> , 2020, 130, 2546-2549.	1.1	38
1179	Typology of Published Randomized Controlled Trials Investigating Initial Ventilation Strategy in Critically Ill Patients With Acute Respiratory Failure. <i>Chest</i> , 2020, 158, 986-998.	0.4	1
1180	Prognostic impact of pre-existing interstitial lung disease in non-HIV patients with <i>Pneumocystis</i> pneumonia. <i>ERJ Open Research</i> , 2020, 6, 00306-2019.	1.1	6
1181	Preparing your intensive care unit for the COVID-19 pandemic: practical considerations and strategies. <i>Critical Care</i> , 2020, 24, 215.	2.5	99
1182	Subphenotyping Acute Respiratory Distress Syndrome in Patients with COVID-19: Consequences for Ventilator Management. <i>Annals of the American Thoracic Society</i> , 2020, 17, 1161-1163.	1.5	79
1183	Fatigue of ICU Survivors, No Longer to Be Neglected. <i>Chest</i> , 2020, 158, 848-849.	0.4	4
1184	A novel cell-based assay for dynamically detecting neutrophil extracellular traps-induced lung epithelial injuries. <i>Experimental Cell Research</i> , 2020, 394, 112101.	1.2	27
1185	The perils of premature phenotyping in COVID-19: a call for caution. <i>European Respiratory Journal</i> , 2020, 56, 2001768.	3.1	51
1186	Adjunctive Therapies in ARDS. <i>Chest</i> , 2020, 157, 1405-1406.	0.4	4
1187	Long-Term Health-Related Quality of Life After Venovenous Extracorporeal Membrane Oxygenation. <i>ASAIO Journal</i> , 2020, 66, 580-585.	0.9	14
1188	Future Trends in Nebulized Therapies for Pulmonary Disease. <i>Journal of Personalized Medicine</i> , 2020, 10, 37.	1.1	36

#	ARTICLE	IF	CITATIONS
1189	Commentary: Could iron chelators prove to be useful as an adjunct to COVID-19 Treatment Regimens? Metabolism: Clinical and Experimental, 2020, 108, 154260.	1.5	59
1190	Prediction of outcome in patients with ARDS: A prospective cohort study comparing ARDS-definitions and other ARDS-associated parameters, ratios and scores at intubation and over time. PLoS ONE, 2020, 15, e0232720.	1.1	23
1191	Estimation of COVID-19-induced depletion of hospital resources in Ontario, Canada. Cmaj, 2020, 192, E640-E646.	0.9	78
1192	Epoxyeicosatrienoic acids inhibit the activation of NLRP3 inflammasome in murine macrophages. Journal of Cellular Physiology, 2020, 235, 9910-9921.	2.0	24
1193	All That Glitters Isn't Gold. Chest, 2020, 158, 877-878.	0.4	2
1194	Management of ARDS: From ventilation strategies to intelligent technical support - Connecting the dots. Trends in Anaesthesia and Critical Care, 2020, 34, 50-58.	0.4	4
1195	Covid-19, Angiogenesis, and ARDS Endotypes. New England Journal of Medicine, 2020, 383, 182-183.	13.9	79
1196	Case 19-2020: A 74-Year-Old Man with Acute Respiratory Failure and Unclear Goals of Care. New England Journal of Medicine, 2020, 382, 2450-2457.	13.9	7
1197	Homeostatic and early-recruited CD101 <sup>+</sup> eosinophils suppress endotoxin-induced acute lung injury. European Respiratory Journal, 2020, 56, 1902354.	3.1	30
1198	Curcumin Promotes the Expression of IL-35 by Regulating Regulatory T Cell Differentiation and Restrains Uncontrolled Inflammation and Lung Injury in Mice. Inflammation, 2020, 43, 1913-1924.	1.7	8
1199	Utility of Driving Pressure and Mechanical Power to Guide Protective Ventilator Settings in Two Cohorts of Adult and Pediatric Patients With Acute Respiratory Distress Syndrome: A Computational Investigation. Critical Care Medicine, 2020, 48, 1001-1008.	0.4	24
1200	Circulating Exosomes From Lipopolysaccharide-Induced Ards Mice Trigger Endoplasmic Reticulum Stress in Lung Tissue. Shock, 2020, 54, 110-118.	1.0	11
1201	Hospital Mortality and Effect of Adjusting PaO <sub>2</sub> /FiO <sub>2</sub> According to Altitude Above the Sea Level in Acclimatized Patients Undergoing Invasive Mechanical Ventilation. A Multicenter Study. Archivos De Bronconeumologia, 2020, 56, 218-224.	0.4	1
1202	Respiratory Mechanics and Outcomes in Immunocompromised Patients With ARDS. Chest, 2020, 158, 1947-1957.	0.4	12
1203	Geriatric nutritional risk index is associated with 30-day mortality in patients with acute respiratory distress syndrome. Medicine (United States), 2020, 99, e20671.	0.4	7
1204	COVID-19 acute respiratory distress syndrome (ARDS): clinical features and differences from typical pre-COVID-19 ARDS. Medical Journal of Australia, 2020, 213, 54.	0.8	441
1205	Patterns and Impact of Arterial CO <sub>2</sub> Management in Patients With Acute Respiratory Distress Syndrome. Chest, 2020, 158, 1967-1982.	0.4	19
1206	Esophageal Manometry. Respiratory Care, 2020, 65, 772-792.	0.8	25

#	ARTICLE	IF	CITATIONS
1207	Lung Volume Measurement and Ventilation Distribution During Invasive Mechanical Ventilation. <i>Respiratory Care</i> , 2020, 65, 760-771.	0.8	3
1208	MicroRNA: Potential biomarker and target of therapy in acute lung injury. <i>Human and Experimental Toxicology</i> , 2020, 39, 1429-1442.	1.1	22
1209	Influence of quality of intensive care on quality of life/return to work in survivors of the acute respiratory distress syndrome: prospective observational patient cohort study (DACAPO). <i>BMC Public Health</i> , 2020, 20, 861.	1.2	18
1210	Monitoring Big Data During Mechanical Ventilation in the ICU. <i>Respiratory Care</i> , 2020, 65, 894-910.	0.8	7
1211	Risk of Acute Respiratory Distress Syndrome Among Older Adults Living Near Construction and Manufacturing Sites. <i>Epidemiology</i> , 2020, 31, 468-477.	1.2	5
1212	Progranulin Improves Acute Lung Injury through Regulating the Differentiation of Regulatory T Cells and Interleukin-10 Immunomodulation to Promote Macrophage Polarization. <i>Mediators of Inflammation</i> , 2020, 2020, 1-15.	1.4	14
1213	Immunity-and-matrix-regulatory cells derived from human embryonic stem cells safely and effectively treat mouse lung injury and fibrosis. <i>Cell Research</i> , 2020, 30, 794-809.	5.7	57
1214	Mesenchymal stem cells activate Notch signaling to induce regulatory dendritic cells in LPS-induced acute lung injury. <i>Journal of Translational Medicine</i> , 2020, 18, 241.	1.8	23
1215	Strategies to Modulate MicroRNA Functions for the Treatment of Cancer or Organ Injury. <i>Pharmacological Reviews</i> , 2020, 72, 639-667.	7.1	45
1216	Machine Learning Classifier Models Can Identify Acute Respiratory Distress Syndrome Phenotypes Using Readily Available Clinical Data. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 996-1004.	2.5	105
1217	HMGB1/PI3K/Akt/mTOR Signaling Participates in the Pathological Process of Acute Lung Injury by Regulating the Maturation and Function of Dendritic Cells. <i>Frontiers in Immunology</i> , 2020, 11, 1104.	2.2	46
1218	Coagulation Dysfunction. <i>Archives of Pathology and Laboratory Medicine</i> , 2020, 144, 1223-1229.	1.2	50
1219	Early hypermetabolism is uncommon in trauma intensive care unit patients. <i>Journal of Parenteral and Enteral Nutrition</i> , 2022, 46, 771-781.	1.3	4
1220	The acute respiratory distress syndrome. <i>Baylor University Medical Center Proceedings</i> , 2020, 33, 357-365.	0.2	24
1221	Higher Class of Obesity Is Associated With Delivery of Higher Tidal Volumes in Subjects With ARDS. <i>Respiratory Care</i> , 2020, 65, 1519-1526.	0.8	7
1222	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
1223	Mesenchymal stem cell therapy for acute respiratory distress syndrome: from basic to clinics. <i>Protein and Cell</i> , 2020, 11, 707-722.	4.8	97
1224	Vitamin D receptor stimulation to reduce acute respiratory distress syndrome (ARDS) in patients with coronavirus SARS-CoV-2 infections. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2020, 202, 105719.	1.2	128



#	ARTICLE	IF	CITATIONS
1225	MicroRNA-92a serves as a risk factor in sepsis-induced ARDS and regulates apoptosis and cell migration in lipopolysaccharide-induced HPMEC and A549 cell injury. <i>Life Sciences</i> , 2020, 256, 117957.	2.0	13
1226	Mortality of Adult Respiratory Distress Syndrome in Trauma Patients: A Systematic Review over a Period of Four Decades. <i>World Journal of Surgery</i> , 2020, 44, 2243-2254.	0.8	17
1227	Identifying Clinical Research Priorities in Adult Pulmonary and Critical Care. NHLBI Working Group Report. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 511-523.	2.5	40
1228	Blockade of interleukin-2-inducible T-cell kinase signaling attenuates acute lung injury in mice through adjustment of pulmonary Th17/Treg immune responses and reduction of oxidative stress. <i>International Immunopharmacology</i> , 2020, 83, 106369.	1.7	38
1229	Early Use of Adjunctive Therapies for Pediatric Acute Respiratory Distress Syndrome: A PARDIE Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 201, 1389-1397.	2.5	31
1230	Radiation induced apoptosis and pulmonary fibrosis: curcumin an effective intervention?. <i>International Journal of Radiation Biology</i> , 2020, 96, 709-717.	1.0	22
1231	Spontaneous versus controlled mechanical ventilation in patients with acute respiratory distress syndrome – Protocol for a scoping review. <i>Acta Anaesthesiologica Scandinavica</i> , 2020, 64, 857-860.	0.7	3
1232	Liberal or Conservative Oxygen Therapy for Acute Respiratory Distress Syndrome. <i>New England Journal of Medicine</i> , 2020, 382, 999-1008.	13.9	290
1233	FLT1: a potential therapeutic target in sepsis-associated ARDS?. <i>Lancet Respiratory Medicine</i> , 2020, 8, 219-220.	5.2	1
1234	Video-Assisted Thoracoscopic Lung Biopsy in Critically Ill Patients With Hematologic Malignancy and Acute Respiratory Distress Syndrome: A Case Series Report. <i>Journal of Investigative Medicine High Impact Case Reports</i> , 2020, 8, 232470962091210.	0.3	2
1235	Prácticas de seguridad en ventilación mecánica en pacientes hospitalizados en las Unidades de Cuidados Intensivos de la ciudad de Medellín en el año 2018. <i>Acta Colombiana De Cuidado Intensivo</i> , 2020, 20, 17-22.	0.1	0
1236	ARDS Subphenotypes: Understanding a Heterogeneous Syndrome. <i>Critical Care</i> , 2020, 24, 102.	2.5	129
1237	Management of Severe ARDS: New Strategies and Ongoing Challenges. <i>Respiratory Care</i> , 2020, 65, 577-580.	0.8	1
1238	Coronavirus disease 2019 in elderly patients: Characteristics and prognostic factors based on 4-week follow-up. <i>Journal of Infection</i> , 2020, 80, 639-645.	1.7	970
1239	Maresin Conjugates in Tissue Regeneration 1 improves alveolar fluid clearance by upregulating alveolar ENaC, Na, K-ATPase in lipopolysaccharide-induced acute lung injury. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 4736-4747.	1.6	21
1240	Bioengineering the Blood-gas Barrier. , 2020, 10, 415-452.		17
1241	Esculetin Ameliorates Lipopolysaccharide-Induced Acute Lung Injury in Mice Via Modulation of the AKT/ERK/NF- $\kappa$ B and ROR1 $\beta$ /IL-17 Pathways. <i>Inflammation</i> , 2020, 43, 962-974.	1.7	24
1242	Pretreatment with interleukin 35-engineered mesenchymal stem cells protected against lipopolysaccharide-induced acute lung injury via pulmonary inflammation suppression. <i>Inflammopharmacology</i> , 2020, 28, 1269-1281.	1.9	5



#	ARTICLE	IF	CITATIONS
1243	The long-lasting effects of the acute respiratory distress syndrome. <i>Expert Review of Respiratory Medicine</i> , 2020, 14, 577-586.	1.0	34
1244	Association of Economic Status and Mortality in Patients with Acute Respiratory Distress Syndrome. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1815.	1.2	3
1245	To Block or Not: Updates in Neuromuscular Blockade in Acute Respiratory Distress Syndrome. <i>Annals of Pharmacotherapy</i> , 2020, 54, 899-906.	0.9	13
1246	Molecular Dynamics of Lipopolysaccharide-Induced Lung Injury in Rodents. <i>Frontiers in Physiology</i> , 2020, 11, 36.	1.3	100
1247	Adenosine A <sub>2B</sub> receptor activation stimulates alveolar fluid clearance through alveolar epithelial sodium channel via cAMP pathway in endotoxin-induced lung injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 318, L787-L800.	1.3	8
1248	Evaluation of clinical efficacy of integrated traditional Chinese and Western medicine in the treatment of acute respiratory distress syndrome. <i>Medicine (United States)</i> , 2020, 99, e20341.	0.4	2
1249	Identification of pathophysiological patterns for triage and respiratory support in COVID-19. <i>Lancet Respiratory Medicine</i> , 2020, 8, 752-754.	5.2	39
1250	Noise Level and Comfort in Healthy Subjects Undergoing High-Flow Helmet Continuous Positive Airway Pressure. <i>Dimensions of Critical Care Nursing</i> , 2020, 39, 194-202.	0.4	19
1251	Transbronchial lung cryobiopsy may be of value for nonresolving acute respiratory distress syndrome: case series and systematic literature review. <i>BMC Pulmonary Medicine</i> , 2020, 20, 183.	0.8	9
1252	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
1253	Coronavirus disease 2019 (COVID-19): cytokine storms, hyper-inflammatory phenotypes, and acute respiratory distress syndrome. <i>Genes and Diseases</i> , 2020, 7, 520-527.	1.5	51
1254	Reclassifying severity after 48 hours could better predict mortality in acute respiratory distress syndrome. <i>Therapeutic Advances in Respiratory Disease</i> , 2020, 14, 175346662093687.	1.0	4
1255	Estimating the Damaging Power of High-Stress Ventilation. <i>Respiratory Care</i> , 2020, 65, 1046-1052.	0.8	10
1257	Assessment of spontaneous breathing during pressure controlled ventilation with superimposed spontaneous breathing using respiratory flow signal analysis. <i>Journal of Clinical Monitoring and Computing</i> , 2021, 35, 859-868.	0.7	1
1258	Clinical characteristics and predictors of survival in adults with coronavirus disease 2019 receiving tocilizumab. <i>Journal of Autoimmunity</i> , 2020, 114, 102512.	3.0	59
1259	SARS-CoV-2-induced Acute Respiratory Distress Syndrome: Pulmonary Mechanics and Gas-Exchange Abnormalities. <i>Annals of the American Thoracic Society</i> , 2020, 17, 1164-1168.	1.5	28
1260	COVID-19-related Acute Respiratory Distress Syndrome: Not So Atypical. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 622-624.	2.5	26
1261	The acute respiratory distress syndrome biomarker pipeline: crippling gaps between discovery and clinical utility. <i>Translational Research</i> , 2020, 226, 105-115.	2.2	19

#	ARTICLE	IF	CITATIONS
1262	Inflammation Profiling of Critically Ill Coronavirus Disease 2019 Patients. , 2020, 2, e0144.		69
1263	Descriptive Acute Respiratory Distress Syndrome (ARDS) in adults with imported severe Plasmodium falciparum malaria: A 10 year-study in a Portuguese tertiary care hospital. PLoS ONE, 2020, 15, e0235437.	1.1	8
1264	COVID-19-associated acute respiratory distress syndrome: is a different approach to management warranted?. Lancet Respiratory Medicine, 2020, 8, 816-821.	5.2	375
1265	The Association of ICU Acuity With Adherence to ICU Evidence-Based Processes of Care. Chest, 2020, 158, 579-587.	0.4	5
1266	Standardized Management for Hypoxemic Respiratory Failure and ARDS. Chest, 2020, 158, 2358-2369.	0.4	14
1267	Causes and characteristics of death in patients with acute hypoxemic respiratory failure and acute respiratory distress syndrome: a retrospective cohort study. Critical Care, 2020, 24, 391.	2.5	49
1268	Use of glucocorticoids in patients with acute respiratory distress syndrome: a meta-analysis and trial sequential analysis. Journal of Intensive Care, 2020, 8, 43.	1.3	28
1269	Acute kidney injury in acute respiratory distress syndrome: why ventilator settings matter. Annals of Translational Medicine, 2020, 8, 573-573.	0.7	3
1270	Characteristics and trajectory of patients with pediatric acute respiratory distress syndrome. Pediatric Pulmonology, 2020, 55, 1000-1006.	1.0	8
1271	Functional respiratory imaging of the airways in the acute respiratory distress syndrome. Anaesthesia, Critical Care & Pain Medicine, 2020, 39, 207-213.	0.6	2
1272	Prone positioning monitored by electrical impedance tomography in patients with severe acute respiratory distress syndrome on veno-venous ECMO. Annals of Intensive Care, 2020, 10, 12.	2.2	43
1273	Prone Positioning for Acute Respiratory Distress Syndrome in Adults. Academic Emergency Medicine, 2020, 27, 520-522.	0.8	2
1274	Manipulation of macrophage polarization by peptide-coated gold nanoparticles and its protective effects on acute lung injury. Journal of Nanobiotechnology, 2020, 18, 38.	4.2	73
1275	The Clinical Effect of an Early, Protocolized Approach to Mechanical Ventilation for Severe and Refractory Hypoxemia. Respiratory Care, 2020, 65, 413-419.	0.8	8
1276	Development of a Lung Rescue Team to Improve Care of Subjects With Refractory Acute Respiratory Failure. Respiratory Care, 2020, 65, 420-426.	0.8	11
1277	Extracellular Vesicles: A New Frontier for Research in Acute Respiratory Distress Syndrome. American Journal of Respiratory Cell and Molecular Biology, 2020, 63, 15-24.	1.4	48
1278	Compliance With Evidence-Based Processes of Care After Transitions Between Staff Intensivists. Critical Care Medicine, 2020, 48, e227-e232.	0.4	3
1279	Effect of Intravenous Interferon $\beta$ -1a on Death and Days Free From Mechanical Ventilation Among Patients With Moderate to Severe Acute Respiratory Distress Syndrome. JAMA - Journal of the American Medical Association, 2020, 323, 725.	3.8	97

#	ARTICLE	IF	CITATIONS
1280	Role of Neuromuscular Blocking Agents in Acute Respiratory Distress Syndrome: An Updated Meta-Analysis of Randomized Controlled Trials. <i>Frontiers in Pharmacology</i> , 2019, 10, 1637.	1.6	8
1281	Validation of neuromuscular blocking agent use in acute respiratory distress syndrome: a meta-analysis of randomized trials. <i>Critical Care</i> , 2020, 24, 54.	2.5	28
1282	Delayed Akt suppression in the lipopolysaccharide-induced acute lung injury promotes resolution that is associated with enhanced effector regulatory T cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 318, L750-L761.	1.3	22
1283	Sepsis-associated acute respiratory distress syndrome in individuals of European ancestry: a genome-wide association study. <i>Lancet Respiratory Medicine</i> , 2020, 8, 258-266.	5.2	38
1284	Neither Norepinephrine Nor Epinephrine Is Best!*. <i>Critical Care Medicine</i> , 2020, 48, 433-434.	0.4	0
1285	Lung-kidney cross-talk in the critically ill: insights from the Lung Safe study. <i>Intensive Care Medicine</i> , 2020, 46, 1072-1073.	3.9	11
1286	Clinical course and outcomes of critically ill patients with SARS-CoV-2 pneumonia in Wuhan, China: a single-centered, retrospective, observational study. <i>Lancet Respiratory Medicine</i> , 2020, 8, 475-481.	5.2	7,975
1287	Patterns of Use of Adjunctive Therapies in Patients With Early Moderate to Severe ARDS. <i>Chest</i> , 2020, 157, 1497-1505.	0.4	35
1288	Effects of Pre-Hospital Antiplatelet Therapy on the Incidence of ARDS. <i>Respiratory Care</i> , 2020, 65, 1039-1045.	0.8	8
1289	Ruscogenin alleviates LPS-induced pulmonary endothelial cell apoptosis by suppressing TLR4 signaling. <i>Biomedicine and Pharmacotherapy</i> , 2020, 125, 109868.	2.5	30
1290	Validating the inspired sinewave technique to measure the volume of the "baby lung" in a porcine lung-injury model. <i>British Journal of Anaesthesia</i> , 2020, 124, 345-353.	1.5	6
1291	ARDS: Are the current definitions useful?. , 2020, , 90-94.e1.		0
1292	Is carbon dioxide harmful or helpful in ARDS?. , 2020, , 121-129.e1.		0
1293	What lessons have we learned from epidemiologic studies of ARDS?. , 2020, , 149-154.e1.		1
1294	What are the long-term outcomes after ARDS?. , 2020, , 155-160.e1.		0
1295	What is the best mechanical ventilation strategy in ARDS?. , 2020, , 109-120.e1.		1
1296	Is there a better way to deliver optimal critical care services?. , 2020, , 605-611.e1.		0
1297	A lung rescue team improves survival in obesity with acute respiratory distress syndrome. <i>Critical Care</i> , 2020, 24, 4.	2.5	54

#	ARTICLE	IF	CITATIONS
1298	Interaction between regional lung volumes and ventilator-induced lung injury in the normal and endotoxemic lung. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 318, L494-L499.	1.3	9
1299	Risk modifiers of acute respiratory distress syndrome in patients with non-pulmonary sepsis: a retrospective analysis of the FORECAST study. <i>Journal of Intensive Care</i> , 2020, 8, 7.	1.3	11
1300	Time to stop randomized and large pragmatic trials for intensive care medicine syndromes: the case of sepsis and acute respiratory distress syndrome. <i>Journal of Thoracic Disease</i> , 2020, 12, S101-S109.	0.6	23
1301	Persistent severe acute respiratory distress syndrome for the prognostic enrichment of trials. <i>PLoS ONE</i> , 2020, 15, e0227346.	1.1	9
1302	ERK1/2, p38MAPK, and p65 pathway. Journal of Cellular Physiology, 2020, 235, 6905-6914.	2.0	14
1303	Management of hypoxaemia in the critically ill patient. <i>British Journal of Hospital Medicine (London,)</i> 2020, 23, 1-8.	0.2	14
1304	Neuromuscular blockers in the acute respiratory distress syndrome: A meta-analysis. <i>PLoS ONE</i> , 2020, 15, e0227664.	1.1	16
1305	Red cell distribution width/albumin ratio is associated with 60-day mortality in patients with acute respiratory distress syndrome. <i>Infectious Diseases</i> , 2020, 52, 266-270.	1.4	34
1306	Prognostic value of plasma mitochondrial DNA in acute respiratory distress syndrome (ARDS): a single-center observational study. <i>Journal of Thoracic Disease</i> , 2020, 12, 1320-1328.	0.6	20
1307	The significance of disseminated intravascular coagulation on multiple organ dysfunction during the early stage of acute respiratory distress syndrome. <i>Thrombosis Research</i> , 2020, 191, 15-21.	0.8	24
1308	Mesenchymal stromal cells ameliorate acute lung injury induced by LPS mainly through stanniocalcin-2 mediating macrophage polarization. <i>Annals of Translational Medicine</i> , 2020, 8, 334-334.	0.7	27
1309	Hyperoxemia and excess oxygen use in early acute respiratory distress syndrome: insights from the LUNG SAFE study. <i>Critical Care</i> , 2020, 24, 125.	2.5	29
1311	Arg mediates LPS-induced disruption of the pulmonary endothelial barrier. <i>Vascular Pharmacology</i> , 2020, 128-129, 106677.	1.0	9
1312	Intensive care management of coronavirus disease 2019 (COVID-19): challenges and recommendations. <i>Lancet Respiratory Medicine</i> , 2020, 8, 506-517.	5.2	1,177
1313	Downregulated miR-150 in bone marrow mesenchymal stem cells attenuates the apoptosis of LPS-stimulated RAW264.7 via MTCH2-dependent mitochondria transfer. <i>Biochemical and Biophysical Research Communications</i> , 2020, 526, 560-567.	1.0	9
1314	Acute lung injury. <i>Current Problems in Surgery</i> , 2020, 57, 100777.	0.6	139
1315	Patients with acute respiratory distress syndrome exhibit increased stromelysin1 activity in the blood samples. <i>Cytokine</i> , 2020, 131, 155086.	1.4	9
1316	Recomendaciones de «hacer» y «no hacer» en el tratamiento de los pacientes críticos ante la pandemia por coronavirus causante de COVID-19 de los Grupos de Trabajo de la Sociedad Española de Medicina Intensiva, Crítica y Unidades Coronarias (SEMICYUC). <i>Medicina Intensiva</i> , 2020, 44, 371-388.	0.4	53

#	ARTICLE	IF	CITATIONS
1317	Missed or delayed diagnosis of ARDS: a common and serious problem. <i>Intensive Care Medicine</i> , 2020, 46, 1180-1183.	3.9	60
1318	Early Inspiratory Effort Assessment by Esophageal Manometry Predicts Noninvasive Ventilation Outcome in <i>De Novo</i> Respiratory Failure. A Pilot Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 558-567.	2.5	155
1319	Use of Corticosteroids in Coronavirus Disease 2019 Pneumonia: A Systematic Review of the Literature. <i>Frontiers in Medicine</i> , 2020, 7, 170.	1.2	141
1320	Tracking respiratory mechanics around natural breathing rates via variable ventilation. <i>Scientific Reports</i> , 2020, 10, 6722.	1.6	4
1321	How I Select Which Patients With ARDS Should Be Treated With Venovenous Extracorporeal Membrane Oxygenation. <i>Chest</i> , 2020, 158, 1036-1045.	0.4	23
1322	Bedside Thoracic Ultrasonography for the Critically Ill Patient: From the Emergency Department to the Intensive Care Unit. <i>Journal of Radiology Nursing</i> , 2020, 39, 215-228.	0.2	0
1323	Pulmonary microbiome patterns correlate with the course of disease in patients with sepsis-induced ARDS following major abdominal surgery. <i>Journal of Hospital Infection</i> , 2020, 105, 438-446.	1.4	18
1324	The receptor for advanced glycation end-products enhances lung epithelial wound repair: An in vitro study. <i>Experimental Cell Research</i> , 2020, 391, 112030.	1.2	8
1325	The prevention and management of the coronavirus disease 2019 (COVID-19) outbreak in radiology departments in epidemic areas. <i>Japanese Journal of Radiology</i> , 2020, 38, 483-488.	1.0	11
1326	Mean Airway Pressure As a Predictor of 90-Day Mortality in Mechanically Ventilated Patients*. <i>Critical Care Medicine</i> , 2020, 48, 688-695.	0.4	11
1327	Increased p300/CBP expression in acute respiratory distress syndrome is associated with interleukin-17 and prognosis. <i>Clinical Respiratory Journal</i> , 2020, 14, 791-799.	0.6	7
1328	Alveolar heparan sulfate shedding impedes recovery from bleomycin-induced lung injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 318, L1198-L1210.	1.3	23
1329	Tracheostomy in the COVID-19 pandemic. <i>European Archives of Oto-Rhino-Laryngology</i> , 2020, 277, 2133-2135.	0.8	73
1330	Acute Respiratory Distress Syndrome in Pregnancy. , 2020, , 139-147.		0
1331	Bedside risk stratification for mortality in patients with acute respiratory failure treated with noninvasive ventilation. <i>Baylor University Medical Center Proceedings</i> , 2020, 33, 172-177.	0.2	2
1332	Circulating miRNA 887 is differentially expressed in ARDS and modulates endothelial function. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 318, L1261-L1269.	1.3	15
1333	High CO <sub>2</sub> Levels Impair Lung Wound Healing. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020, 63, 244-254.	1.4	17
1334	A Call for Rational Intensive Care in the Era of COVID-19. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020, 63, 132-133.	1.4	20

#	ARTICLE	IF	CITATIONS
1335	Human lipopolysaccharide models provide mechanistic and therapeutic insights into systemic and pulmonary inflammation. <i>European Respiratory Journal</i> , 2020, 56, 1901298.	3.1	56
1336	ERS International Congress, Madrid, 2019: highlights from the Respiratory Intensive Care Assembly. <i>ERJ Open Research</i> , 2020, 6, 00331-2019.	1.1	1
1337	Validation of age, PaO <sub>2</sub> /FIO <sub>2</sub> and plateau pressure score in Korean patients with acute respiratory distress syndrome: a retrospective cohort study. <i>Respiratory Research</i> , 2020, 21, 94.	1.4	3
1338	Salvage use of tissue plasminogen activator (tPA) in the setting of acute respiratory distress syndrome (ARDS) due to COVID-19 in the USA: a Markov decision analysis. <i>World Journal of Emergency Surgery</i> , 2020, 15, 29.	2.1	33
1339	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
1340	The REMAP-CAP (Randomized Embedded Multifactorial Adaptive Platform for Community-acquired) Trial. <i>Open Access Respiratory Journal</i> , 2020, 15, 245.	1.5	245
1341	Suppression of NLRP3 Inflammasome by Erythropoietin via the EPOR/JAK2/STAT3 Pathway Contributes to Attenuation of Acute Lung Injury in Mice. <i>Frontiers in Pharmacology</i> , 2020, 11, 306.	1.6	47
1342	A Physiologically Informed Strategy to Effectively Open, Stabilize, and Protect the Acutely Injured Lung. <i>Frontiers in Physiology</i> , 2020, 11, 227.	1.3	32
1343	TRPV4 Protects the Lung from Bacterial Pneumonia via MAPK Molecular Pathway Switching. <i>Journal of Immunology</i> , 2020, 204, 1310-1321.	0.4	41
1344	Tidal Volume Lowering by Instrumental Dead Space Reduction in Brain-Injured ARDS Patients: Effects on Respiratory Mechanics, Gas Exchange, and Cerebral Hemodynamics. <i>Neurocritical Care</i> , 2021, 34, 21-30.	1.2	11
1345	Racial Disparities in Adult Blunt Trauma Patients With Acute Respiratory Distress Syndrome. <i>Journal of Intensive Care Medicine</i> , 2021, 36, 584-588.	1.3	4
1346	Comparison of Fixed-Dose Inhaled Epoprostenol and Inhaled Nitric Oxide for Acute Respiratory Distress Syndrome in Critically Ill Adults. <i>Journal of Intensive Care Medicine</i> , 2021, 36, 466-476.	1.3	13
1347	The Impact of Severity of Acute Respiratory Distress Syndrome Following Cardiac Arrest on Neurologic Outcomes. <i>Therapeutic Hypothermia and Temperature Management</i> , 2021, 11, 96-102.	0.3	7
1348	Outcomes With Severe Blastomycosis and Respiratory Failure in the United States. <i>Clinical Infectious Diseases</i> , 2021, 72, 1603-1607.	2.9	11
1349	Different value of HDL-C in predicting outcome of ARDS secondary to bacterial and viral pneumonia: A retrospective observational study. <i>Heart and Lung: Journal of Acute and Critical Care</i> , 2021, 50, 206-213.	0.8	3
1350	Prevalence of Reverse Triggering in Early ARDS. <i>Chest</i> , 2021, 159, 186-195.	0.4	14
1351	A survey on the practices and capabilities in the management of respiratory failure in South East England. <i>Journal of the Intensive Care Society</i> , 2021, 22, 175-181.	1.1	1
1352	Mesenchymal Stem/Stromal Cells Therapy for Sepsis and Acute Respiratory Distress Syndrome. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2021, 42, 020-039.	0.8	20



#	ARTICLE	IF	CITATIONS
1353	Learning Using Partially Available Privileged Information and Label Uncertainty: Application in Detection of Acute Respiratory Distress Syndrome. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2021, 25, 784-796.	3.9	11
1354	Dyspnea, Acute Respiratory Failure, Psychological Trauma, and Post-ICU Mental Health. <i>Chest</i> , 2021, 159, 749-756.	0.4	24
1355	Dynamic Airway Driving Pressure and Outcomes in Children With Acute Hypoxemic Respiratory Failure. <i>Respiratory Care</i> , 2021, 66, 403-409.	0.8	22
1356	Why COVID-19 is less frequent and severe in children: a narrative review. <i>World Journal of Pediatrics</i> , 2021, 17, 10-20.	0.8	57
1357	Lung-Protective Ventilation and Associated Outcomes and Costs Among Patients Receiving Invasive Mechanical Ventilation in the ED. <i>Chest</i> , 2021, 159, 606-618.	0.4	17
1358	Prior statin therapy and 30-day mortality in South Korean patients with acute respiratory distress syndrome. <i>Acta Anaesthesiologica Scandinavica</i> , 2021, 65, 236-243.	0.7	1
1359	Targeting pivotal inflammatory pathways in COVID-19: A mechanistic review. <i>European Journal of Pharmacology</i> , 2021, 890, 173620.	1.7	24
1360	Inhaled nitric oxide minimally improves oxygenation in COVID-19 related acute respiratory distress syndrome. <i>British Journal of Anaesthesia</i> , 2021, 126, e44-e46.	1.5	48
1361	Prone positioning for patients intubated for severe acute respiratory distress syndrome (ARDS) secondary to COVID-19: a retrospective observational cohort study. <i>British Journal of Anaesthesia</i> , 2021, 126, 48-55.	1.5	81
1362	Thrombosis and Bleeding in Extracorporeal Membrane Oxygenation (ECMO) Without Anticoagulation: A Systematic Review. <i>ASAIO Journal</i> , 2021, 67, 290-296.	0.9	115
1363	Implementation of Protocolized Care in ARDS Improves Outcomes. <i>Respiratory Care</i> , 2021, 66, 600-609.	0.8	8
1364	Acute Respiratory Failure Outcomes in Patients with Hematologic Malignancies and Hematopoietic Cell Transplant: A Secondary Analysis of the EFRAIM Study. <i>Transplantation and Cellular Therapy</i> , 2021, 27, 78.e1-78.e6.	0.6	9
1365	Post-intubation tracheal stenosis in COVID-19 patients. <i>European Archives of Oto-Rhino-Laryngology</i> , 2021, 278, 847-848.	0.8	40
1366	The Impact of High-Flow Nasal Cannula Use on Patient Mortality and the Availability of Mechanical Ventilators in COVID-19. <i>Annals of the American Thoracic Society</i> , 2021, 18, 623-631.	1.5	35
1367	The Nature of Recruitment and De-Recruitment and Its Implications for Management of ARDS. <i>Respiratory Care</i> , 2021, 66, 510-530.	0.8	9
1368	Myocardial Injury in Severe COVID-19 Compared With Non-COVID-19 Acute Respiratory Distress Syndrome. <i>Circulation</i> , 2021, 143, 553-565.	1.6	102
1369	Sigh in Patients With Acute Hypoxemic Respiratory Failure and ARDS. <i>Chest</i> , 2021, 159, 1426-1436.	0.4	16
1370	Continuous renal replacement therapy with the addition of CytoSorb cartridge in critically ill patients with COVID-19 plus acute kidney injury: A case-series. <i>Artificial Organs</i> , 2021, 45, E101-E112.	1.0	54



#	ARTICLE	IF	CITATIONS
1371	Pulmonary pathology of ARDS in COVID-19: A pathological review for clinicians. <i>Respiratory Medicine</i> , 2021, 176, 106239.	1.3	193
1372	Specialized <sc>proresolving</sc> mediators in infection and lung injury. <i>BioFactors</i> , 2021, 47, 6-18.	2.6	21
1373	Elastic Power of Mechanical Ventilation in Morbid Obesity and Severe Hypoxemia. <i>Respiratory Care</i> , 2021, 66, 626-634.	0.8	11
1374	Autophagy alleviates mitochondrial DAMP-induced acute lung injury by inhibiting NLRP3 inflammasome. <i>Life Sciences</i> , 2021, 265, 118833.	2.0	28
1375	Is Extracorporeal Membrane Oxygenation the Standard Care for Acute Respiratory Distress Syndrome: A Systematic Review and Meta-Analysis. <i>Heart Lung and Circulation</i> , 2021, 30, 631-641.	0.2	10
1376	Improving Prone Positioning for Severe Acute Respiratory Distress Syndrome during the COVID-19 Pandemic. An Implementation-Mapping Approach. <i>Annals of the American Thoracic Society</i> , 2021, 18, 300-307.	1.5	31
1377	Pathophysiology of COVID-19-associated acute respiratory distress syndrome – Authors' reply. <i>Lancet Respiratory Medicine</i> , 2021, 9, e5-e6.	5.2	25
1378	Mechanical ventilation and mortality among 223 critically ill patients with coronavirus disease 2019: A multicentric study in Germany. <i>Australian Critical Care</i> , 2021, 34, 167-175.	0.6	77
1379	Comparison of Clinical Features and Outcomes in Critically Ill Patients Hospitalized with COVID-19 versus Influenza. <i>Annals of the American Thoracic Society</i> , 2021, 18, 632-640.	1.5	74
1380	Clinical characteristics and day-90 outcomes of 4244 critically ill adults with COVID-19: a prospective cohort study. <i>Intensive Care Medicine</i> , 2021, 47, 60-73.	3.9	597
1381	Plasma Insulin-like Growth Factor Binding Protein 7 Contributes Causally to ARDS 28-Day Mortality. <i>Chest</i> , 2021, 159, 1007-1018.	0.4	9
1382	The Role of Glucocorticoids in the Management of COVID-19. <i>Hormone and Metabolic Research</i> , 2021, 53, 9-15.	0.7	28
1383	Severe organising pneumonia following COVID-19. <i>Thorax</i> , 2021, 76, 201-204.	2.7	68
1384	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
1385	Identifying Subjects at Risk for Diaphragm Atrophy During Mechanical Ventilation Using Routinely Available Clinical Data. <i>Respiratory Care</i> , 2021, 66, 551-558.	0.8	10
1386	Corrected Minute Ventilation Is Associated With Mortality in ARDS Caused by COVID-19. <i>Respiratory Care</i> , 2021, 66, 619-625.	0.8	18
1387	Comparison of the OI and PaO <sub>2</sub> /FiO <sub>2</sub> score in evaluating PARDS requiring mechanical ventilation. <i>Pediatric Pulmonology</i> , 2021, 56, 1182-1188.	1.0	4
1388	Dexamethasone vs COVID-19: An experimental study in line with the preliminary findings of a large trial. <i>International Journal of Clinical Practice</i> , 2021, 75, e13943.	0.8	18

#	ARTICLE	IF	CITATIONS
1389	Lung ultrasound assessment of acute respiratory distress syndrome caused by coronavirus disease 2019: An observational study. <i>Hong Kong Journal of Emergency Medicine</i> , 2021, 28, 8-14.	0.4	4
1390	Standardized Care Is Better Than Individualized Care for the Majority of Critically Ill Patients. <i>Critical Care Medicine</i> , 2021, 49, 151-155.	0.4	6
1391	MCC950, a NLRP3 inhibitor, ameliorates lipopolysaccharide-induced lung inflammation in mice. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 30, 115954.	1.4	27
1392	Alveolar epithelial glycocalyx shedding aggravates the epithelial barrier and disrupts epithelial tight junctions in acute respiratory distress syndrome. <i>Biomedicine and Pharmacotherapy</i> , 2021, 133, 111026.	2.5	20
1393	Trends and Geographic Variation in Acute Respiratory Failure and ARDS Mortality in the United States. <i>Chest</i> , 2021, 159, 1460-1472.	0.4	31
1394	Prolonged Hospitalization Following Acute Respiratory Failure. <i>Chest</i> , 2021, 159, 1867-1874.	0.4	5
1395	Significance of nuclear LOXL2 inhibition in fibroblasts and myofibroblasts in the fibrotic process of acute respiratory distress syndrome. <i>European Journal of Pharmacology</i> , 2021, 892, 173754.	1.7	10
1396	Ventilation management and clinical outcomes in invasively ventilated patients with COVID-19 (PRoVENT-COVID): a national, multicentre, observational cohort study. <i>Lancet Respiratory Medicine</i> , 2021, 9, 139-148.	5.2	206
1397	Implementation of lung protective ventilation order to improve adherence to low tidal volume ventilation: A RE-AIM evaluation. <i>Journal of Critical Care</i> , 2021, 63, 167-174.	1.0	4
1398	Evidence-Based Management of the Critically Ill Adult With SARS-CoV-2 Infection. <i>Journal of Intensive Care Medicine</i> , 2021, 36, 18-41.	1.3	7
1399	Tuberculous ARDS is associated with worse outcome when compared with non-tuberculous infectious ARDS. <i>Journal of Critical Care</i> , 2021, 61, 138-143.	1.0	3
1400	Clinical course and outcomes of critically ill patients with COVID-19 infection: a systematic review. <i>Clinical Microbiology and Infection</i> , 2021, 27, 47-54.	2.8	88
1401	Neuromuscular Blocking Agents for ARDS: A Systematic Review and Meta-Analysis. <i>Respiratory Care</i> , 2021, 66, 120-128.	0.8	15
1402	Predictors of Cisatracurium Continuous Infusion Dose in Acute Respiratory Distress Syndrome. <i>Journal of Pharmacy Practice</i> , 2021, 34, 600-605.	0.5	1
1403	Acute Lung Injury “ From Pathophysiology to Treatment. <i>Physiological Research</i> , 2020, 69, S353-S366.	0.4	39
1404	Caring for patients at risk of ARDS: the role of driving pressure. <i>Jornal Brasileiro De Pneumologia</i> , 2021, 47, e20210013-e20210013.	0.4	0
1405	Noninvasive ventilation and high-flow oxygen therapy for severe community-acquired pneumonia. <i>Current Opinion in Infectious Diseases</i> , 2021, 34, 142-150.	1.3	9
1406	Ultraprotective ventilation allowed by extracorporeal CO2 removal improves the right ventricular function in acute respiratory distress syndrome patients: a quasi-experimental pilot study. <i>Annals of Intensive Care</i> , 2021, 11, 3.	2.2	9

#	ARTICLE	IF	CITATIONS
1407	Effects of Wnt Classical Pathway on Autophagy Induced Differentiation of Mesenchymal Stem Cells into Lung Epithelial Cells. <i>Advances in Clinical Medicine</i> , 2021, 11, 2603-2609.	0.0	0
1409	Epidemiological Characteristics, Ventilator Management, and Clinical Outcome in Patients Receiving Invasive Ventilation in Intensive Care Units from 10 Asian Middle-Income Countries (PRoVENT-iMiC): An International, Multicenter, Prospective Study. <i>American Journal of Tropical Medicine and Hygiene</i> , 2021, ...	0.6	18
1410	Cardiac Troponin I association with critical illness and death risk in 726 seriously ill COVID-19 patients: A retrospective cohort study. <i>International Journal of Medical Sciences</i> , 2021, 18, 1474-1483.	1.1	16
1411	Clinical Characteristics, Respiratory Mechanics, and Outcomes in Critically Ill Individuals With COVID-19 Infection in an Underserved Urban Population. <i>Respiratory Care</i> , 2021, 66, 897-908.	0.8	7
1412	The discovery of biological subphenotypes in ARDS: a novel approach to targeted medicine?. <i>Journal of Intensive Care</i> , 2021, 9, 14.	1.3	13
1413	<scp>COVID-19 acute respiratory distress syndrome</scp>: intriguing haemodynamics of an intriguing syndrome. <i>European Journal of Heart Failure</i> , 2021, 23, 208-210.	2.9	3
1414	Comparison of the clinical outcomes of non-invasive ventilation by helmet vs facemask in patients with acute respiratory distress syndrome. <i>Medicine (United States)</i> , 2021, 100, e24443.	0.4	8
1415	Protective Effects of Kirenol against Lipopolysaccharide-Induced Acute Lung Injury through the Modulation of the Proinflammatory NF- $\kappa$ B Pathway and the AMPK2-/Nrf2-Mediated HO-1/AOE Pathway. <i>Antioxidants</i> , 2021, 10, 204.	2.2	14
1417	Blood eosinophils and mortality in patients with acute respiratory distress syndrome: A propensity score matching analysis. <i>World Journal of Emergency Medicine</i> , 2021, 12, 131.	0.5	4
1419	CUADRO CLÍNICO DEL COVID-19. <i>Revista Médica Clínica Las Condes</i> , 2021, 32, 20-29.	0.2	9
1420	Hospital Mortality and Resource Implications of Hospitalisation with COVID-19 in London, UK: A Prospective Cohort Study. <i>Critical Care Research and Practice</i> , 2021, 2021, 1-13.	0.4	10
1421	Highlights from the Respiratory Failure and Mechanical Ventilation 2020 Conference. <i>ERJ Open Research</i> , 2021, 7, 00752-2020.	1.1	4
1422	Prognostic Value of Angiotensin-like 4 in Patients with Acute Respiratory Distress Syndrome. <i>Shock</i> , 2021, 56, 403-411.	1.0	6
1423	The ABO histo-blood group, endothelial activation, and acute respiratory distress syndrome risk in critical illness. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	26
1424	POINT: Should Corticosteroids Be Routine Treatment in Early ARDS? Yes. <i>Chest</i> , 2021, 159, 25-29.	0.4	3
1426	Development and validation of a point-of-care breath test for octane detection. <i>Analyst</i> , The, 2021, 146, 4605-4614.	1.7	8
1427	COVID-19 ARDS: A Multispecialty Assessment of Challenges in Care, Review of Research, and Recommendations. <i>Journal of Anaesthesiology Clinical Pharmacology</i> , 2021, 37, 179.	0.2	6
1429	Intubation and invasive Mechanical ventilation of COVID-19 Acute Respiratory Distress Syndrome patients. <i>MRIMS Journal of Health Sciences</i> , 2021, 9, 21.	0.0	2

#	ARTICLE	IF	CITATIONS
1430	Inflammatory response in lungs and extrapulmonary sites detected by [18F] fluorodeoxyglucose PET/CT in convalescing COVID-19 patients tested negative for coronavirus. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 2531-2542.	3.3	26
1431	The efficacy and tolerance of prone positioning in non-intubation patients with acute hypoxemic respiratory failure and ARDS: a meta-analysis. <i>Therapeutic Advances in Respiratory Disease</i> , 2021, 15, 175346662110094.	1.0	20
1432	Decreased CO2 Levels as Indicators of Possible Mechanical Ventilation-Induced Hyperventilation in COVID-19 Patients: A Retrospective Analysis. <i>Frontiers in Public Health</i> , 2020, 8, 596168.	1.3	6
1433	Development of a Standardized Clinical Assessment and Management Plan for Pediatric Acute Respiratory Distress Syndrome. <i>Journal of Pediatric Intensive Care</i> , 2022, 11, 193-200.	0.4	2
1434	CD39+ Regulatory T Cells Attenuate Lipopolysaccharide-Induced Acute Lung Injury via Autophagy and the ERK/FOS Pathway. <i>Frontiers in Immunology</i> , 2020, 11, 602605.	2.2	10
1435	Protective mechanical ventilation in patients with risk factors for ARDS: prospective cohort study. <i>Jornal Brasileiro De Pneumologia</i> , 2021, 47, e20200360-e20200360.	0.4	6
1436	Simultaneous ventilation in the Covid-19 pandemic. A bench study. <i>PLoS ONE</i> , 2021, 16, e0245578.	1.1	3
1437	Ventilation practices in burn patientsâ€”an international prospective observational cohort study. <i>Burns and Trauma</i> , 2021, 9, tkab034.	2.3	2
1438	Alveolar compartmentalization of inflammatory and immune cell biomarkers in pneumonia-related ARDS. <i>Critical Care</i> , 2021, 25, 23.	2.5	23
1439	Association of Serum Mannose With Acute Respiratory Distress Syndrome Risk and Survival. <i>JAMA Network Open</i> , 2021, 4, e2034569.	2.8	9
1441	High flow nasal cannula oxygenation in COVID-19 related acute respiratory distress syndrome: a safe way to avoid endotracheal intubation?. <i>Therapeutic Advances in Respiratory Disease</i> , 2021, 15, 175346662110195.	1.0	11
1442	IFIH1 Contributes to M1 Macrophage Polarization in ARDS. <i>Frontiers in Immunology</i> , 2020, 11, 580838.	2.2	16
1443	The effect of a tiered provider staffing model on patient outcomes during the coronavirus disease 2019 pandemic: A single-center observational study. <i>International Journal of Critical Illness and Injury Science</i> , 2021, 11, 156.	0.2	0
1444	Safety and Outcomes of Prolonged Usual Care Prone Position Mechanical Ventilation to Treat Acute Coronavirus Disease 2019 Hypoxemic Respiratory Failure*. <i>Critical Care Medicine</i> , 2021, 49, 490-502.	0.4	67
1445	Pulmonary complications due to COVID-19 â€” a literature review. <i>Polish Annals of Medicine</i> , 0, , .	0.3	5
1446	Ac2-26 mitigated acute respiratory distress syndrome rats via formyl peptide receptor pathway. <i>Annals of Medicine</i> , 2021, 53, 653-661.	1.5	2
1447	COUNTERPOINT: Should Corticosteroids Be Routine Treatment in Early ARDS? No. <i>Chest</i> , 2021, 159, 29-33.	0.4	6
1449	Optimal Upper Limits of Plateau Pressure for Patients With Acute Respiratory Distress Syndrome During the First Seven Days: A Meta-Regression Analysis. <i>Journal of Clinical Medicine Research</i> , 2021, 13, 48-63.	0.6	5

#	ARTICLE	IF	CITATIONS
1450	Is COPD associated with increased risk for microaspiration in intubated critically ill patients?. <i>Annals of Intensive Care</i> , 2021, 11, 7.	2.2	0
1451	Ventilación mecánica: pasado y presente. <i>Medicina Intensiva</i> , 2021, 45, 1-2.	0.4	3
1452	High flow nasal cannula versus non- invasive ventilation in prevention of intubation in immunocompromised patient with acute hypoxemic respiratory failure. <i>Egyptian Journal of Anaesthesia</i> , 2021, 37, 432-439.	0.2	2
1453	Venovenous ECMO in Severe ARDS. <i>International Journal of Clinical Medicine</i> , 2021, 12, 273-278.	0.1	0
1454	Efficacy and safety of low-dose corticosteroids for acute respiratory distress syndrome: A systematic review and meta-analysis. <i>World Journal of Emergency Medicine</i> , 2021, 12, 207.	0.5	1
1455	Oesophageal pressure as a surrogate of pleural pressure in mechanically ventilated patients. <i>ERJ Open Research</i> , 2021, 7, 00646-2020.	1.1	5
1456	Positive end-expiratory pressure titration with electrical impedance tomography and pressure-volume curve: a randomized trial in moderate to severe ARDS. <i>Physiological Measurement</i> , 2021, 42, 014002.	1.2	38
1457	Predictive Role of Lung Injury Prediction Score in the Development of Acute Respiratory Distress Syndrome in Korea. <i>Yonsei Medical Journal</i> , 2021, 62, 417.	0.9	4
1458	A PICS-Free Future: What We Need to Address Now. , 2021, , 281-289.		0
1459	Potential therapeutics in pediatric acute respiratory distress syndrome: what does the immune system have to offer? A narrative review. <i>Translational Pediatrics</i> , 2021, 10, 2689-2699.	0.5	1
1460	Iliopsoas Hematoma in Patients Undergoing Venovenous ECMO. <i>American Journal of Critical Care</i> , 2021, 30, 55-63.	0.8	13
1461	Cardiopulmonary Arrest and Resuscitation in the Prone Patient: An Adult Simulation Case for Internal Medicine Residents. <i>MedEdPORTAL: the Journal of Teaching and Learning Resources</i> , 2021, 17, 11081.	0.5	3
1462	Validation of novel hub genes and molecular mechanisms in acute lung injury using an integrative bioinformatics approach. <i>Acta Biochimica Et Biophysica Sinica</i> , 2021, 53, 342-353.	0.9	4
1463	Fifty Years of Mechanical Ventilation—1970s to 2020. <i>Critical Care Medicine</i> , 2021, 49, 558-574.	0.4	12
1464	Evolution Over Time of Ventilatory Management and Outcome of Patients With Neurologic Disease*. <i>Critical Care Medicine</i> , 2021, 49, 1095-1106.	0.4	17
1465	The clinical course and prognostic factors of severe COVID-19 in Wuhan, China. <i>Medicine (United States)</i> 2021;100(14):e27114. doi:10.1097/MD.0000000000002711. PMID: 34114114	0.4	13
1466	Atteintes pulmonaires liées à la COVID-19. <i>La Presse Médicale Formation</i> , 2021, 2, 14-24.	0.1	1
1467	Phosphodiesterase Inhibitors in Acute Lung Injury: What Are the Perspectives?. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1929.	1.8	22

#	ARTICLE	IF	CITATIONS
1468	Extracorporeal Gas Exchange for Acute Respiratory Distress Syndrome: Open Questions, Controversies and Future Directions. <i>Membranes</i> , 2021, 11, 172.	1.4	9
1469	Mesenchymal Stromal Cell-Derived Extracellular Vesicles in Lung Diseases: Current Status and Perspectives. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 600711.	1.8	51
1470	Systemic inflammation and sepsis. Part II: Functional consequences of the storm. <i>Archivos Argentinos De Pediatría</i> , 2021, 119, e1-e10.	0.3	3
1471	Managing patientâ€™ ventilator asynchrony with a twice-daily screening protocol: A retrospective cohort study. <i>Australian Critical Care</i> , 2021, 34, 539-546.	0.6	1
1472	Hypercapnia in the critically ill: insights from the bench to the bedside. <i>Interface Focus</i> , 2021, 11, 20200032.	1.5	9
1473	Predictors of Pneumothorax/Pneumomediastinum in Mechanically Ventilated COVID-19 Patients. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021, 35, 3642-3651.	0.6	67
1474	Sex difference and intra-operative tidal volume. <i>European Journal of Anaesthesiology</i> , 2021, 38, 1034-1041.	0.7	7
1475	2021 Acute Respiratory Distress Syndrome Update, With Coronavirus Disease 2019 Focus. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2022, 36, 1188-1195.	0.6	32
1476	Characteristics, management and survival of ICU patients with coronavirus diseaseâ€™19 in Norway, Marchâ€™June 2020. A prospective observational study. <i>Acta Anaesthesiologica Scandinavica</i> , 2021, 65, 618-628.	0.7	30
1477	Endothelial Cells in Emerging Viral Infections. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 619690.	1.1	54
1478	Cardiolipin-mediated PPAR $\beta$ S112 phosphorylation impairs IL-10 production and inflammation resolution during bacterial pneumonia. <i>Cell Reports</i> , 2021, 34, 108736.	2.9	15
1479	Mortality of critical care interventions in the COVID-19: A systematic review. <i>World Journal of Meta-analysis</i> , 2021, 9, 64-73.	0.1	0
1480	Static compliance of the respiratory system in COVID-19 related ARDS: an international multicenter study. <i>Critical Care</i> , 2021, 25, 52.	2.5	33
1481	Development and validation of a reinforcement learning algorithm to dynamically optimize mechanical ventilation in critical care. <i>Npj Digital Medicine</i> , 2021, 4, 32.	5.7	47
1482	Comprehensive Analysis of LncRNA-mRNA Expression Profiles and the ceRNA Network Associated with Pyroptosis in LPS-Induced Acute Lung Injury. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 413-428.	1.6	14
1483	COVID-19 ICU and mechanical ventilation patient characteristics and outcomesâ€™ A systematic review and meta-analysis. <i>PLoS ONE</i> , 2021, 16, e0246318.	1.1	144
1484	Extracellular vesicles as mediators and markers of acute organ injury: current concepts. <i>European Journal of Trauma and Emergency Surgery</i> , 2022, 48, 1525-1544.	0.8	16
1485	Consensus on the referral and admission of patients with severe respiratory failure to the NHS ECMO service. <i>Lancet Respiratory Medicine</i> , 2021, 9, e16-e17.	5.2	32



#	ARTICLE	IF	CITATIONS
1486	Temporal changes in the epidemiology, management, and outcome from acute respiratory distress syndrome in European intensive care units: a comparison of two large cohorts. <i>Critical Care</i> , 2021, 25, 87.	2.5	5
1487	Improved Differentiation Ability and Therapeutic Effect of miR-23a-3p Expressing Bone Marrow-Derived Mesenchymal Stem Cells in Mice Model with Acute Lung Injury. <i>International Journal of Stem Cells</i> , 2021, 14, 229-239.	0.8	3
1488	Central venous pressure swing outperforms diaphragm ultrasound as a measure of inspiratory effort during pressure support ventilation in COVID-19 patients. <i>Journal of Clinical Monitoring and Computing</i> , 2021, , 1.	0.7	9
1489	Oxyberberine Prevented Lipopolysaccharide-Induced Acute Lung Injury through Inhibition of Mitophagy. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-12.	1.9	19
1490	Epithelial Cells and Inflammation in Pulmonary Wound Repair. <i>Cells</i> , 2021, 10, 339.	1.8	33
1491	Automated detection and quantification of reverse triggering effort under mechanical ventilation. <i>Critical Care</i> , 2021, 25, 60.	2.5	27
1492	Engineering exosomes for pulmonary delivery of peptides and drugs to inflammatory lung cells by inhalation. <i>Journal of Controlled Release</i> , 2021, 330, 684-695.	4.8	51
1493	Dexmedetomidine alleviates pulmonary edema through the epithelial sodium channel (ENaC) via the PI3K/Akt/Nedd4-2 pathway in LPS-induced acute lung injury. <i>Immunologic Research</i> , 2021, 69, 162-175.	1.3	16
1494	Safety and feasibility of lung biopsy in diagnosis of acute respiratory distress syndrome: protocol for a systematic review and meta-analysis. <i>BMJ Open</i> , 2021, 11, e043600.	0.8	1
1495	Cardiovascular Disease and Severe Hypoxemia Are Associated With Higher Rates of Noninvasive Respiratory Support Failure in Coronavirus Disease 2019 Pneumonia. , 2021, 3, e0355.		9
1496	Effectiveness of Glucocorticoids in Acute Respiratory Distress Syndrome: An Umbrella Review. <i>Critical Care Research and Practice</i> , 2021, 2021, 1-10.	0.4	0
1497	Role of HDAC6 inhibition in sepsis-induced acute respiratory distress syndrome (Review). <i>Experimental and Therapeutic Medicine</i> , 2021, 21, 422.	0.8	6
1498	Association Between Obesity and Short-And Long-Term Mortality in Patients With Acute Respiratory Distress Syndrome Based on the Berlin Definition. <i>Frontiers in Endocrinology</i> , 2020, 11, 611435.	1.5	10
1499	Association between Cumulative Fluid Balance and Outcomes in Acute Respiratory Distress Syndrome Patients Treated with Extracorporeal Membrane Oxygenation. <i>Journal of Chest Surgery</i> , 2021, 54, 36-44.	0.2	2
1500	Effects of Varying Levels of Inspiratory Assistance with Pressure Support Ventilation and Neurally Adjusted Ventilatory Assist on Driving Pressure in Patients Recovering from Hypoxemic Respiratory Failure. <i>Journal of Clinical Monitoring and Computing</i> , 2022, 36, 419-427.	0.7	4
1501	A Case-Control Study of Prone Positioning in Awake and Nonintubated Hospitalized Coronavirus Disease 2019 Patients. , 2021, 3, e0348.		9
1502	Risk factors analysis of COVID-19 patients with ARDS and prediction based on machine learning. <i>Scientific Reports</i> , 2021, 11, 2933.	1.6	71
1503	Prone Positioning and Survival in Mechanically Ventilated Patients With Coronavirus Disease 2019-Related Respiratory Failure*. <i>Critical Care Medicine</i> , 2021, 49, 1026-1037.	0.4	64



#	ARTICLE	IF	CITATIONS
1504	Precision medicine in acute respiratory distress syndrome: workshop report and recommendations for future research. <i>European Respiratory Review</i> , 2021, 30, 200317.	3.0	34
1505	HMGB1 suppress the expression of IL-35 by regulating Na <sup>+</sup> ve CD4 <sup>+</sup> T cell differentiation and aggravating Caspase-11-dependent pyroptosis in acute lung injury. <i>International Immunopharmacology</i> , 2021, 91, 107295.	1.7	21
1506	National incidence rate and related mortality for acute respiratory distress syndrome in France. <i>Anaesthesia, Critical Care &amp; Pain Medicine</i> , 2021, 40, 100795.	0.6	3
1507	Effect of early treatment with polyvalent immunoglobulin on acute respiratory distress syndrome associated with SARS-CoV-2 infections (ICAR trial): study protocol for a randomized controlled trial. <i>Trials</i> , 2021, 22, 170.	0.7	4
1508	Sestrin 2 protects against LPS-induced acute lung injury by inducing mitophagy in alveolar macrophages. <i>Life Sciences</i> , 2021, 267, 118941.	2.0	44
1509	Glucocorticoids for acute respiratory distress syndrome: A systematic review with meta-analysis and trial sequential analysis. <i>European Journal of Clinical Investigation</i> , 2021, 51, e13496.	1.7	6
1510	Non-specialist therapeutic strategies in acute respiratory distress syndrome: a meta-analysis. <i>Minerva Anestesiologica</i> , 2021, 87, 803-816.	0.6	2
1511	Using In Situ Simulation to Develop a Prone Positioning Protocol for Patients With ARDS. <i>Critical Care Nurse</i> , 2021, 41, 12-24.	0.5	7
1512	Classification and effectiveness of different oxygenation goals in mechanically ventilated critically ill patients: network meta-analysis of randomised controlled trials. <i>European Respiratory Journal</i> , 2021, 58, 2002928.	3.1	17
1513	Mechanical ventilation in SARS-CoV-2 patients: state of art. <i>Colombian Journal of Anesthesiology</i> , 0, , .	0.5	2
1514	US Hospital Capacity Managers'™ Experiences and Concerns Regarding Preparedness for Seasonal Influenza and Influenza-like Illness. <i>JAMA Network Open</i> , 2021, 4, e212382.	2.8	7
1515	Prone positioning in patients with acute respiratory distress syndrome, translating research and implementing practice change from bench to bedside in the era of coronavirus disease 2019. <i>Australian Critical Care</i> , 2021, 34, 176-181.	0.6	7
1516	Decreased mortality in acute respiratory distress syndrome patients treated with corticosteroids: an updated meta-analysis of randomized clinical trials with trial sequential analysis. <i>Critical Care</i> , 2021, 25, 122.	2.5	11
1517	Comparative Effectiveness of Midazolam, Propofol, and Dexmedetomidine in Patients With or at Risk for Acute Respiratory Distress Syndrome: A Propensity Score-Matched Cohort Study. <i>Frontiers in Pharmacology</i> , 2021, 12, 614465.	1.6	2
1518	Role of tocilizumab for concomitant systemic fungal infection in severe COVID-19 patient. <i>Medicine (United States)</i> , 2021, 100, e25173.	0.4	8
1519	In vitro validation and characterization of pulsed inhaled nitric oxide administration during early inspiration. <i>Journal of Clinical Monitoring and Computing</i> , 2021, , 1.	0.7	0
1520	2-Methoxyestradiol Protects Against Lung Ischemia/Reperfusion Injury by Upregulating Annexin A1 Protein Expression. <i>Frontiers in Immunology</i> , 2021, 12, 596376.	2.2	15
1521	Response. <i>Chest</i> , 2021, 159, 1301-1302.	0.4	0

#	ARTICLE	IF	CITATIONS
1522	Prone Position in Mechanically Ventilated COVID-19 Patients: A Multicenter Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 1046.	1.0	17
1524	Actin fence therapy with exogenous V12Rac1 protects against acute lung injury. <i>JCI Insight</i> , 2021, 6, .	2.3	7
1525	Prone Positioning in Spontaneously Breathing Subjects With Moderate or Severe ARDS During Invasive Ventilation. <i>Respiratory Care</i> , 2021, 66, 724-732.	0.8	3
1526	Moving From the "Why" of Lung-Protective Ventilation to the "How" of Lung-Protective Ventilation. <i>Chest</i> , 2021, 159, 1300-1301.	0.4	0
1527	Functional pathophysiology of SARS-CoV-2-induced acute lung injury and clinical implications. <i>Journal of Applied Physiology</i> , 2021, 130, 877-891.	1.2	40
1528	Tracheostomy in patients with SARS-CoV-2 reduces time on mechanical ventilation but not intensive care unit stay. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , 2021, 42, 102867.	0.6	14
1529	COVID-19 Hastalarında Akut Solunum Sıkıntısı Sendromu Yayınlı. <i>Fakültesi Dergisi</i> , 2021, 28, 51-56.	0.0	2
1530	Gene engineered mesenchymal stem cells: greater transgene expression and efficacy with minicircle vs. plasmid DNA vectors in a mouse model of acute lung injury. <i>Stem Cell Research and Therapy</i> , 2021, 12, 184.	2.4	17
1531	MitoQ alleviates LPS-mediated acute lung injury through regulating Nrf2/Drp1 pathway. <i>Free Radical Biology and Medicine</i> , 2021, 165, 219-228.	1.3	47
1532	Leveraging Telehealth for Delivery of Palliative Care to Remote Communities: A Rapid Review. <i>Journal of Palliative Care</i> , 2022, 37, 213-225.	0.4	27
1534	Regulation of PINX1 expression ameliorates lipopolysaccharide-induced lung injury and alleviates cell senescence during the convalescent phase through affecting the telomerase activity. <i>Aging</i> , 2021, 13, 10175-10186.	1.4	1
1535	Cancer Is an Independent Risk Factor for Acute Respiratory Distress Syndrome in Critically Ill Patients: A Single Center Retrospective Cohort Study. <i>Journal of Intensive Care Medicine</i> , 2022, 37, 385-392.	1.3	2
1536	Alarming Cargo: The Role of Exosomes in Trauma-Induced Inflammation. <i>Biomolecules</i> , 2021, 11, 522.	1.8	18
1537	Reply to Camporota et al.: "Established" Respiratory Treatment in Acute Respiratory Distress Syndrome: Scientific Rigor or a Square Peg in a Round Hole?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 203, 779-780.	2.5	0
1538	Postoperative Pulmonary Complication Prevention on a Laparoscopic Ileocecal Resection Patient with Left Upper Lobar Bronchial Stenosis and Severe Chronic Obstructive Pulmonary Disease. <i>The Journal of Japan Society for Clinical Anesthesia</i> , 2021, 41, 145-151.	0.0	0
1539	Spontaneous Versus Controlled Mechanical Ventilation in Patients with Acute Respiratory Distress Syndrome. <i>Current Anesthesiology Reports</i> , 2021, 11, 85-91.	0.9	6
1540	Inhibition of Caspase-1 with Tetracycline Ameliorates Acute Lung Injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 204, 53-63.	2.5	45
1541	International Variation in Intubation and Extubation Practices and Adverse Events Among Critically Ill Patients Receiving Mechanical Ventilation. <i>JAMA - Journal of the American Medical Association</i> , 2021, 325, 1157.	3.8	3

#	ARTICLE	IF	CITATIONS
1542	Vagus nerve stimulation enhances the cholinergic anti-inflammatory pathway to reduce lung injury in acute respiratory distress syndrome via STAT3. <i>Cell Death Discovery</i> , 2021, 7, 63.	2.0	34
1544	The effect of neuromuscular blocking agents uses in acute respiratory distress syndrome: a systematic review and meta-analysis of randomized controlled trials. <i>Minerva Anestesiologica</i> , 2021, 87, 341-350.	0.6	4
1545	Î±1-Antitrypsin: Key Player or Bystander in Acute Respiratory Distress Syndrome?. <i>Anesthesiology</i> , 2021, 134, 792-808.	1.3	6
1546	Physiological Basis of Extracorporeal Membrane Oxygenation and Extracorporeal Carbon Dioxide Removal in Respiratory Failure. <i>Membranes</i> , 2021, 11, 225.	1.4	22
1547	Mind the Gap “ From Big Data to Physiology (and Back). <i>Respiratory Care</i> , 2021, 66, 701-702.	0.8	2
1548	Between-trial heterogeneity in ARDS research. <i>Intensive Care Medicine</i> , 2021, 47, 422-434.	3.9	16
1549	Two Hours of In Vivo Lung Perfusion Improves Lung Function in Sepsis-Induced Acute Respiratory Distress Syndrome. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2022, 34, 337-346.	0.4	3
1550	Optimal Sedation in Patients Who Receive Neuromuscular Blocking Agent Infusions for Treatment of Acute Respiratory Distress Syndrome”A Retrospective Cohort Study From a New England Health Care Network*. <i>Critical Care Medicine</i> , 2021, 49, 1137-1148.	0.4	27
1551	Mechanical ventilation parameters in critically ill COVID-19 patients: a scoping review. <i>Critical Care</i> , 2021, 25, 115.	2.5	86
1552	Cerebrovascular autoregulation and arterial carbon dioxide in patients with acute respiratory distress syndrome: a prospective observational cohort study. <i>Annals of Intensive Care</i> , 2021, 11, 47.	2.2	6
1553	Estimation of change in pleural pressure in assisted and unassisted spontaneous breathing pediatric patients using fluctuation of central venous pressure: A preliminary study. <i>PLoS ONE</i> , 2021, 16, e0247360.	1.1	4
1554	Severe covid-19 pneumonia: pathogenesis and clinical management. <i>BMJ, The</i> , 2021, 372, n436.	3.0	240
1555	Soluble receptor for advanced glycation end products (sRAGE) as a biomarker of COVID-19 disease severity and indicator of the need for mechanical ventilation, ARDS and mortality. <i>Annals of Intensive Care</i> , 2021, 11, 50.	2.2	54
1556	High versus low positive end-expiratory pressure (PEEP) levels for mechanically ventilated adult patients with acute lung injury and acute respiratory distress syndrome. <i>The Cochrane Library</i> , 2021, CD009098.	1.5	12
1557	High risk of pulmonary embolism in acute respiratory distress syndrome related to COVID-19: an observational controlled-cohort study. <i>Annals of Translational Medicine</i> , 2021, 9, 630-630.	0.7	3
1558	Progress and potential of mesenchymal stromal cell therapy in acute respiratory distress syndrome. , 2021, , 353-372.		1
1559	Treatment with senicapoc in a porcine model of acute respiratory distress syndrome. <i>Intensive Care Medicine Experimental</i> , 2021, 9, 20.	0.9	3
1560	General Anesthesia and Perioperative Management via microRNA. <i>Nihon Ika Daigaku Igakkai Zasshi</i> , 2021, 17, 72-80.	0.0	0

#	ARTICLE	IF	CITATIONS
1561	Reticulocalbin 3 deficiency in alveolar epithelium attenuated LPS-induced ALI via NF- $\kappa$ B signaling. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021, 320, L627-L639.	1.3	9
1562	Monitoring Transcutaneously Measured Partial Pressure of CO <sub>2</sub> During Intubation in Critically Ill Subjects. <i>Respiratory Care</i> , 2021, 66, 1004-1015.	0.8	1
1563	Driving pressure monitoring during acute respiratory failure in 2020. <i>Current Opinion in Critical Care</i> , 2021, 27, 303-310.	1.6	10
1564	Individualized <i>versus</i> Fixed Positive End-expiratory Pressure for Intraoperative Mechanical Ventilation in Obese Patients: A Secondary Analysis. <i>Anesthesiology</i> , 2021, 134, 887-900.	1.3	38
1565	Novel criteria to classify ARDS severity using a machine learning approach. <i>Critical Care</i> , 2021, 25, 150.	2.5	18
1566	ARDS Outcomes in Non-Research Subjects Assessed by Generalized Prospective Trial Eligibility Criteria and Adherence to Lung-Protective Ventilation. <i>Respiratory Care</i> , 2021, 66, 1380-1388.	0.8	2
1567	Clinical and virological characteristics of hospitalised COVID-19 patients in a German tertiary care centre during the first wave of the SARS-CoV-2 pandemic: a prospective observational study. <i>Infection</i> , 2021, 49, 703-714.	2.3	27
1568	Prone position in intubated, mechanically ventilated patients with COVID-19: a multi-centric study of more than 1000 patients. <i>Critical Care</i> , 2021, 25, 128.	2.5	157
1569	Implementation of Tele-ICU during the COVID-19 pandemic. <i>Jornal Brasileiro De Pneumologia</i> , 2021, 47, e20200545.	0.4	12
1570	Evidence-Based Respiratory Care. <i>Respiratory Care</i> , 2021, 66, respcare.08950.	0.8	11
1572	Lower or Higher Oxygenation Targets for Acute Hypoxemic Respiratory Failure. <i>New England Journal of Medicine</i> , 2021, 384, 1301-1311.	13.9	190
1573	A molecular single-cell lung atlas of lethal COVID-19. <i>Nature</i> , 2021, 595, 114-119.	13.7	411
1574	Mortality in mechanically ventilated patients with COVID-19: a systematic review. <i>Expert Review of Medical Devices</i> , 2021, 18, 1-15.	1.4	8
1575	Algorithmic surveillance of ICU patients with acute respiratory distress syndrome (ASIC): protocol for a multicentre stepped-wedge cluster randomised quality improvement strategy. <i>BMJ Open</i> , 2021, 11, e045589.	0.8	9
1576	Attributable mortality of acute respiratory distress syndrome: a systematic review, meta-analysis and survival analysis using targeted minimum loss-based estimation. <i>Thorax</i> , 2021, 76, 1176-1185.	2.7	16
1577	Identification and Functional Analysis of Long Non-coding RNAs in Human Pulmonary Microvascular Endothelial Cells Subjected to Cyclic Stretch. <i>Frontiers in Physiology</i> , 2021, 12, 655971.	1.3	4
1578	Impact of nursing care on lung functional residual capacity in acute respiratory distress syndrome patients. <i>Nursing in Critical Care</i> , 2021, , .	1.1	1
1579	Ventilation management in acute respiratory failure related to COVID-19 versus ARDS from another origin – a descriptive narrative review. <i>Expert Review of Respiratory Medicine</i> , 2021, 15, 1013-1023.	1.0	2

#	ARTICLE	IF	CITATIONS
1580	The Role of Physical Therapists in Acute Severe Respiratory Failure. <i>The Japanese Journal of Rehabilitation Medicine</i> , 2021, 58, 383-389.	0.0	0
1581	Death in hospital following ICU discharge: insights from the LUNG SAFE study. <i>Critical Care</i> , 2021, 25, 144.	2.5	12
1582	Diminishing Efficacy of Prone Positioning With Late Application in Evolving Lung Injury. <i>Critical Care Medicine</i> , 2021, 49, e1015-e1024.	0.4	14
1583	Invasive Mechanical Ventilation of COVID-19 ARDS Patients. <i>Revista Peruana De Investigaci3n En Salud</i> , 2021, 5, 113-126.	0.0	1
1584	New perspectives on natural flavonoids on COVID-19-induced lung injuries. <i>Phytotherapy Research</i> , 2021, 35, 4988-5006.	2.8	23
1585	Nebulised heparin for patients with or at risk of acute respiratory distress syndrome: a multicentre, randomised, double-blind, placebo-controlled phase 3 trial. <i>Lancet Respiratory Medicine</i> , 2021, 9, 360-372.	5.2	35
1586	Rapid clinical evolution for COVID-19 translates into early hospital admission and unfavourable outcome: A preliminary report. <i>Multidisciplinary Respiratory Medicine</i> , 2021, 16, 744.	0.6	0
1587	Traumatic respiratory failure and veno-venous extracorporeal membrane oxygenation support. <i>Perfusion (United Kingdom)</i> , 2022, 37, 477-483.	0.5	3
1588	Appraising the Real-Life Need for Extracorporeal Membrane Oxygenation during the COVID-19 Pandemic. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 204, 2-4.	2.5	3
1589	The Association between Mortality and the Oxygen Saturation and Fraction of Inhaled Oxygen in Patients Requiring Oxygen Therapy due to COVID-19-associated Pneumonia. <i>Tuberculosis and Respiratory Diseases</i> , 2021, 84, 125-133.	0.7	18
1590	Quality of life following adult veno-venous extracorporeal membrane oxygenation for acute respiratory distress syndrome: a systematic review. <i>Quality of Life Research</i> , 2021, 30, 2123-2135.	1.5	7
1591	Transpulmonary Pressure-Guided Lung-Protective Ventilation Improves Pulmonary Mechanics and Oxygenation Among Obese Subjects on Mechanical Ventilation. <i>Respiratory Care</i> , 2021, 66, 1049-1058.	0.8	6
1592	Thrombospondin-1 Restricts Interleukin-3-Mediated Neutrophilic Inflammation during Pseudomonas aeruginosa Pulmonary Infection. <i>MBio</i> , 2021, 12, .	1.8	15
1593	Diannexin Can Ameliorate Acute Respiratory Distress Syndrome in Rats by Promoting Heme Oxygenase-1 Expression. <i>Mediators of Inflammation</i> , 2021, 2021, 1-10.	1.4	3
1595	A bibliometric analysis of acute respiratory distress syndrome (ARDS) research from 2010 to 2019. <i>Annals of Palliative Medicine</i> , 2021, 10, 3750-3762.	0.5	7
1596	Adherence to Lung-Protective Ventilation Principles in Pediatric Acute Respiratory Distress Syndrome: A Pediatric Acute Respiratory Distress Syndrome Incidence and Epidemiology Study*. <i>Critical Care Medicine</i> , 2021, 49, 1779-1789.	0.4	24
1597	Promoting Evidence-Based Practice in Acute Respiratory Distress Syndrome: A Systematic Review. , 2021, 3, e0391.		5
1598	Accuracy of two pulse-oximetry measurements for INTELLiVENT-ASV in mechanically ventilated patients: a prospective observational study. <i>Scientific Reports</i> , 2021, 11, 9001.	1.6	4

#	ARTICLE	IF	CITATIONS
1599	Comparative Efficacy of Fentanyl and Morphine in Patients with or At Risk for Acute Respiratory Distress Syndrome: A Propensity Score-Matched Cohort Study. <i>Drugs in R and D</i> , 2021, 21, 149-155.	1.1	4
1600	Acute Respiratory Distress Syndrome in the Perioperative Period of Cardiac Surgery: Predictors, Diagnosis, Prognosis, Management Options, and Future Directions. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2022, 36, 1169-1179.	0.6	26
1601	Prone transportation to an ECMO center. <i>Trends in Anaesthesia and Critical Care</i> , 2021, 39, 10-10.	0.4	0
1602	Postintubation Decline in Oxygen Saturation Index Predicts Mortality in COVID-19: A Retrospective Pilot Study. <i>Critical Care Research and Practice</i> , 2021, 2021, 1-9.	0.4	1
1603	Does Metformin Satisfy as an Option for Host-Directed Therapy in COVID-19?. <i>Anti-Infective Agents</i> , 2021, 19, 123-130.	0.1	1
1604	Machine Learning Models to Predict 30-Day Mortality in Mechanically Ventilated Patients. <i>Journal of Clinical Medicine</i> , 2021, 10, 2172.	1.0	9
1605	Effect of spontaneous breathing on ventilator-free days in critically ill patientsâ€™an analysis of patients in a large observational cohort. <i>Annals of Translational Medicine</i> , 2021, 9, 783-783.	0.7	1
1606	Acute respiratory distress syndrome (ARDS) as an adverse event following immunization: Case definition & guidelines for data collection, analysis, and presentation of immunization safety data. <i>Vaccine</i> , 2021, 39, 3028-3036.	1.7	5
1607	The Association Between the Baseline and the Change in Neutrophil-to-Lymphocyte Ratio and Short-Term Mortality in Patients With Acute Respiratory Distress Syndrome. <i>Frontiers in Medicine</i> , 2021, 8, 636869.	1.2	12
1608	Inflammatory Immune Cytokine TNF- $\alpha$ Modulates Ezrin Protein Activation via FAK/RhoA Signaling Pathway in PMVECs Hyperpermeability. <i>Frontiers in Pharmacology</i> , 2021, 12, 676817.	1.6	2
1609	Predicting Acute Respiratory Distress Syndrome in Severe Blunt Trauma: The Utility of Interleukin-18. <i>Surgical Infections</i> , 2021, 22, 948-954.	0.7	0
1610	Ventilation Parameters Before Extracorporeal Membrane Oxygenator and In-Hospital Mortality in Children: A Review of the ELSO Registry. <i>ASAIO Journal</i> , 2022, 68, 281-286.	0.9	6
1611	COVID-19 ARDS Is Characterized by Increased Dead Space Ventilation Compared With Non-COVID ARDS. <i>Respiratory Care</i> , 2021, 66, 1406-1415.	0.8	10
1612	Nucleotide polymorphism in ARDS outcome: a whole exome sequencing association study. <i>Annals of Translational Medicine</i> , 2021, 9, 780-780.	0.7	2
1613	Characteristics, management, and prognosis of elderly patients with COVID-19 admitted in the ICU during the first wave: insights from the COVID-ICU study. <i>Annals of Intensive Care</i> , 2021, 11, 77.	2.2	44
1614	Therapeutic mechanisms of mesenchymal stem cells in acute respiratory distress syndrome reveal potentials for Covid-19 treatment. <i>Journal of Translational Medicine</i> , 2021, 19, 198.	1.8	15
1615	Etiology-associated heterogeneity in acute respiratory distress syndrome: a retrospective cohort study. <i>BMC Pulmonary Medicine</i> , 2021, 21, 183.	0.8	6
1617	Outcomes of Extracorporeal Membrane Oxygenation in Acute Respiratory Distress Syndrome Following Traumatic Injury: A Propensity-Matched Analysis. , 2021, 3, e0421.		0



#	ARTICLE	IF	CITATIONS
1618	Outcome Improvement Between the First Two Waves of the Coronavirus Disease 2019 Pandemic in a Single Tertiary-Care Hospital in Belgium. , 2021, 3, e0438.		27
1619	Real-time electronic health record mortality prediction during the COVID-19 pandemic: a prospective cohort study. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2021, 28, 2354-2365.	2.2	14
1620	CircANKRD36 Knockdown Suppressed Cell Viability and Migration of LPS-Stimulated RAW264.7 Cells by Sponging MiR-330. <i>Inflammation</i> , 2021, 44, 2044-2053.	1.7	12
1621	Sepsisâ€™ Pathophysiology and Therapeutic Concepts. <i>Frontiers in Medicine</i> , 2021, 8, 628302.	1.2	133
1622	Standard Care Versus Awake Prone Position in Adult Nonintubated Patients With Acute Hypoxemic Respiratory Failure Secondary to COVID-19 Infectionâ€™ A Multicenter Feasibility Randomized Controlled Trial. <i>Journal of Intensive Care Medicine</i> , 2021, 36, 918-924.	1.3	50
1623	Integrative omics provide biological and clinical insights into acute respiratory distress syndrome. <i>Intensive Care Medicine</i> , 2021, 47, 761-771.	3.9	19
1624	The Role of Ferroptosis in Acute Respiratory Distress Syndrome. <i>Frontiers in Medicine</i> , 2021, 8, 651552.	1.2	22
1626	Outcomes of acute respiratory distress syndrome in COVID-19 patients compared to the general population: a systematic review and meta-analysis. <i>Expert Review of Respiratory Medicine</i> , 2021, 15, 1347-1354.	1.0	16
1627	Multivariate Meta-Analysis of the Mortality Effect of Prone Positioning in the Acute Respiratory Distress Syndrome. <i>Journal of Intensive Care Medicine</i> , 2021, 36, 1323-1330.	1.3	5
1628	Prognostic Factors to Predict ICU Mortality in Patients with Severe ARDS Who Received Early and Prolonged Prone Positioning Therapy. <i>Journal of Clinical Medicine</i> , 2021, 10, 2323.	1.0	2
1629	Effects of mesenchymal stromal cellâ€™ derived extracellular vesicles in acute respiratory distress syndrome (ARDS): Current understanding and future perspectives. <i>Journal of Leukocyte Biology</i> , 2021, 110, 27-38.	1.5	10
1630	COVID-19 fatality rates in hospitalized patients: systematic review and meta-analysis. <i>Annals of Epidemiology</i> , 2021, 57, 14-21.	0.9	107
1631	The effect of COVID-19 epidemic on vital signs in hospitalized patients: a pre-post heat-map study from a large teaching hospital. <i>Journal of Clinical Monitoring and Computing</i> , 2022, 36, 829-837.	0.7	5
1632	Slicing and dicing ARDS: we almost forgot the lungs. <i>Critical Care</i> , 2021, 25, 180.	2.5	0
1633	Impact of Height Estimation on Tidal Volume Calculation for Protective Ventilationâ€™ A Prospective Observational Study. , 2021, 3, e0422.		2
1634	Salvaging the endothelium in acute respiratory distress syndrome: a druggable intersection between TLR4 and NAD+ signalling. <i>European Respiratory Journal</i> , 2021, 57, 2004588.	3.1	0
1635	Heat shock preconditioning mesenchymal stem cells attenuate acute lung injury via reducing NLRP3 inflammasome activation in macrophages. <i>Stem Cell Research and Therapy</i> , 2021, 12, 290.	2.4	21
1636	PD-L1 Regulates Inflammation in LPS-Induced Lung Epithelial Cells and Vascular Endothelial Cells by Interacting with the HIF-1 $\beta$ Signaling Pathway. <i>Inflammation</i> , 2021, 44, 1969-1981.	1.7	14



#	ARTICLE	IF	CITATIONS
1637	Survival and predictors of mortality among patients admitted to the intensive care units in southern Ethiopia: A multi-center cohort study. <i>Annals of Medicine and Surgery</i> , 2021, 65, 102318.	0.5	20
1638	Predicting the mortality risk of acute respiratory distress syndrome: radial basis function artificial neural network model versus logistic regression model. <i>Journal of Clinical Monitoring and Computing</i> , 2022, 36, 839-848.	0.7	3
1639	The Cholinergic Drug Pyridostigmine Alleviates Inflammation During LPS-Induced Acute Respiratory Distress Syndrome. <i>Frontiers in Pharmacology</i> , 2021, 12, 624895.	1.6	12
1640	Development and Content Validation of a Multidisciplinary Standardized Management Pathway for Hypoxemic Respiratory Failure and Acute Respiratory Distress Syndrome. , 2021, 3, e0428.		4
1641	2020 Year in Review: Mechanical Ventilation During the First Year of the COVID-19 Pandemic. <i>Respiratory Care</i> , 2021, 66, 1341-1362.	0.8	7
1642	Diagnosis and management of acute respiratory distress syndrome. <i>Cmaj</i> , 2021, 193, E761-E768.	0.9	21
1643	Therapeutic plasma exchange in patients with life-threatening COVID-19: a randomised controlled clinical trial. <i>International Journal of Antimicrobial Agents</i> , 2021, 57, 106334.	1.1	58
1644	BRD4 targeting nanotherapy prevents lipopolysaccharide induced acute respiratory distress syndrome. <i>International Journal of Pharmaceutics</i> , 2021, 601, 120536.	2.6	13
1645	Extracorporeal Membrane Oxygenation for Severe Acute Respiratory Distress Syndrome: Propensity Score Matching. <i>Membranes</i> , 2021, 11, 393.	1.4	5
1646	Natural history, trajectory, and management of mechanically ventilated COVID-19 patients in the United Kingdom. <i>Intensive Care Medicine</i> , 2021, 47, 549-565.	3.9	49
1647	Nanomedicine for acute respiratory distress syndrome: The latest application, targeting strategy, and rational design. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 3060-3091.	5.7	74
1648	Platelets instruct T reg cells and macrophages in the resolution of lung inflammation. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	4
1649	An External Validation of Scoring Systems in Mortality Prediction in Veno-Venous Extracorporeal Membrane Oxygenation. <i>ASAIO Journal</i> , 2021, Publish Ahead of Print, 255-261.	0.9	4
1650	Deep learning to detect acute respiratory distress syndrome on chest radiographs: a retrospective study with external validation. <i>The Lancet Digital Health</i> , 2021, 3, e340-e348.	5.9	39
1651	An appraisal of respiratory system compliance in mechanically ventilated covid-19 patients. <i>Critical Care</i> , 2021, 25, 199.	2.5	21
1653	Acute kidney injury (AKI) in patients with Covid-19 infection is associated with ventilatory management with elevated positive end-expiratory pressure (PEEP). <i>Journal of Nephrology</i> , 2022, 35, 99-111.	0.9	15
1654	Mesenchymal stromal (stem) cell therapy modulates miR-193b-5p expression to attenuate sepsis-induced acute lung injury. <i>European Respiratory Journal</i> , 2022, 59, 2004216.	3.1	36
1655	Identification of an Alveolar Macrophage-Related Core Gene Set in Acute Respiratory Distress Syndrome. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 2353-2361.	1.6	7

#	ARTICLE	IF	CITATIONS
1656	Neuromuscular blocking agents for acute respiratory distress syndrome. The Cochrane Library, 2021, .	1.5	1
1657	Course of illness and outcomes in older COVID-19 patients treated with HFNC: a retrospective analysis. Aging, 2021, 13, 15801-15814.	1.4	8
1658	Redox signaling and antioxidant therapies in acute respiratory distress syndrome: a systematic review and meta-analysis. Expert Review of Respiratory Medicine, 2021, 15, 1355-1365.	1.0	6
1659	Outcomes of Critically Ill Very Old Patients With Community-Acquired Pneumonia and Acute Respiratory Distress Syndrome. Archivos De Bronconeumologia, 2021, , .	0.4	0
1660	Closed-Loop Versus Conventional Mechanical Ventilation in COVID-19 ARDS. Journal of Intensive Care Medicine, 2021, 36, 1184-1193.	1.3	12
1661	Brain-Lung Conflicts and Patterns of Mechanical Ventilation*. Critical Care Medicine, 2021, 49, 1200-1202.	0.4	1
1662	Comparative Effectiveness of Protective Ventilation Strategies for Moderate and Severe Acute Respiratory Distress Syndrome. A Network Meta-Analysis. American Journal of Respiratory and Critical Care Medicine, 2021, 203, 1366-1377.	2.5	47
1663	Acute Respiratory Distress Syndrome and Time to Weaning Off the Invasive Mechanical Ventilator among Patients with COVID-19 Pneumonia. Journal of Clinical Medicine, 2021, 10, 2935.	1.0	11
1664	Does an increase in serum FGF21 level predict 28-day mortality of critical patients with sepsis and ARDS?. Respiratory Research, 2021, 22, 182.	1.4	9
1665	Shifting the paradigm: unilateral infiltrates and ARDS?. European Respiratory Journal, 2021, 57, 2100043.	3.1	2
1666	Validating the Inspired Sinewave Technique to Measure Lung Heterogeneity Compared to Atelectasis & Over-Distended Volume in Computed Tomography Images. , 2021, , .		2
1667	Higher PEEP for acute respiratory distress syndrome: a Bayesian meta-analysis of randomised clinical trials. Critical Care and Resuscitation: Journal of the Australasian Academy of Critical Care Medicine, 2021, 23, 171-182.	0.0	0
1668	Variation in Early Management Practices in Moderate-to-Severe ARDS in the United States. Chest, 2021, 160, 1304-1315.	0.4	38
1669	Individualization of PEEP and tidal volume in ARDS patients with electrical impedance tomography: a pilot feasibility study. Annals of Intensive Care, 2021, 11, 89.	2.2	15
1670	Dasatinib protects against acute respiratory distress syndrome via Nrf2-regulated macrophages polarization. Drug Development Research, 2021, 82, 1247-1257.	1.4	4
1671	Prone Positioning in Coronavirus Disease 2019: Just Do It!*. Critical Care Medicine, 2021, 49, 1186-1188.	0.4	2
1672	Development of a Prone Team and Exploration of Staff Perceptions During COVID-19. AACN Advanced Critical Care, 2021, 32, 159-168.	0.6	11
1673	Persistent Poor Health after COVID-19 Is Not Associated with Respiratory Complications or Initial Disease Severity. Annals of the American Thoracic Society, 2021, 18, 997-1003.	1.5	202

#	ARTICLE	IF	CITATIONS
1674	A preliminary cost-effectiveness analysis of lung protective ventilation with extra corporeal carbon dioxide removal (ECCO2R) in the management of acute respiratory distress syndrome (ARDS). <i>Journal of Critical Care</i> , 2021, 63, 45-53.	1.0	4
1675	Lower Vt and Prone Position: Quo Vadis?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 203, 1333-1334.	2.5	0
1676	Liponucleotides: Promises and Unknowns as Novel Therapeutics for Acute Respiratory Distress Syndrome. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2021, 64, 645-646.	1.4	1
1678	Rule-Based Cohort Definitions for Acute Respiratory Distress Syndrome: A Computable Phenotyping Strategy Based on the Berlin Definition. , 2021, 3, e0451.		4
1679	The ROX index as a predictor of standard oxygen therapy outcomes in thoracic trauma. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2021, 29, 81.	1.1	7
1680	Emergency Department Management of Severe Hypoxemic Respiratory Failure in Adults With COVID-19. <i>Journal of Emergency Medicine</i> , 2021, 60, 729-742.	0.3	6
1681	Tracheostomy Timing and Outcome in Severe COVID-19: The WeanTrach Multicenter Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 2651.	1.0	18
1682	Phosphodiesterase 10A Is a Key Mediator of Lung Inflammation. <i>Journal of Immunology</i> , 2021, 206, 3010-3020.	0.4	8
1683	Evaluation of right ventricular function and driving pressure with blood gas analysis could better select patients eligible for VV ECMO in severe ARDS. <i>Critical Care</i> , 2021, 25, 220.	2.5	8
1684	Effect of Lowering V <sub>scp</sub> on Mortality in Acute Respiratory Distress Syndrome Varies with Respiratory System Elastance. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 203, 1378-1385.	2.5	118
1685	Impact of obesity on outcomes in patients with acute respiratory syndrome. <i>Journal of International Medical Research</i> , 2021, 49, 0300060521110248.	0.4	3
1686	Functional Status After Pulmonary Rehabilitation as a Predictor of Weaning Success and Survival in Patients Requiring Prolonged Mechanical Ventilation. <i>Frontiers in Medicine</i> , 2021, 8, 675103.	1.2	2
1687	Prognostic Value of the Red Cell Distribution Width in Patients with Sepsis-Induced Acute Respiratory Distress Syndrome: A Retrospective Cohort Study. <i>Disease Markers</i> , 2021, 2021, 1-8.	0.6	6
1688	Adult Pulmonary Intensive and Intermediate Care Units: The Italian Thoracic Society (ITS-AIPO) Position Paper. <i>Respiration</i> , 2021, 100, 1027-1037.	1.2	12
1689	Cerium oxide nanoparticle delivery of microRNA-146a for local treatment of acute lung injury. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2021, 34, 102388.	1.7	26
1690	Aldosterone alleviates lipopolysaccharide-induced acute lung injury by regulating epithelial sodium channel through PI3K/Akt/SGK1 signaling pathway. <i>Molecular and Cellular Probes</i> , 2021, 57, 101709.	0.9	10
1691	Autotaxin levels in serum and bronchoalveolar lavage fluid are associated with inflammatory and fibrotic biomarkers and the clinical outcome in patients with acute respiratory distress syndrome. <i>Journal of Intensive Care</i> , 2021, 9, 44.	1.3	10
1692	Acute respiratory distress syndrome is associated with impaired alveolar macrophage efferocytosis. <i>European Respiratory Journal</i> , 2021, 58, 2100829.	3.1	24

#	ARTICLE	IF	CITATIONS
1693	Advancing precision medicine for acute respiratory distress syndrome. <i>Lancet Respiratory Medicine</i> , 2022, 10, 107-120.	5.2	83
1694	Coronavirus disease 2019 respiratory failure: what is the best supportive care for patients who require ICU admission?. <i>Current Opinion in Critical Care</i> , 2021, 27, 462-467.	1.6	5
1695	Evaluation of Rocuronium Continuous Infusion in Critically Ill Patients During the COVID-19 Pandemic and Drug Shortages. <i>Journal of Pharmacy Practice</i> , 2023, 36, 249-255.	0.5	3
1697	A rational approach on the use of extracorporeal membrane oxygenation in severe hypoxemia: advanced technology is not a panacea. <i>Annals of Intensive Care</i> , 2021, 11, 107.	2.2	13
1698	Effects of Eugenol and Dehydrodieugenol B from <i>Nectandra leucantha</i> against Lipopolysaccharide (LPS)-Induced Experimental Acute Lung Inflammation. <i>Journal of Natural Products</i> , 2021, 84, 2282-2294.	1.5	11
1699	The Coming of Age of Implementation Science and Research in Critical Care Medicine. <i>Critical Care Medicine</i> , 2021, 49, 1254-1275.	0.4	21
1700	Nanotherapeutics in the treatment of acute respiratory distress syndrome. <i>Life Sciences</i> , 2021, 276, 119428.	2.0	12
1701	The Controversy About the Effects of Different Doses of Corticosteroid Treatment on Clinical Outcomes for Acute Respiratory Distress Syndrome Patients: An Observational Study. <i>Frontiers in Pharmacology</i> , 2021, 12, 722537.	1.6	2
1702	Ultrasound and Microbubbles for Targeted Drug Delivery to the Lung Endothelium in ARDS: Cellular Mechanisms and Therapeutic Opportunities. <i>Biomedicines</i> , 2021, 9, 803.	1.4	15
1703	A Blood Exosomal miRNA Signature in Acute Respiratory Distress Syndrome. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 640042.	1.6	11
1704	Effectiveness, safety and efficacy of INTELLiVENT <sup>®</sup> adaptive support ventilation, a closed <sup>®</sup> loop ventilation mode for use in ICU patients – a systematic review. <i>Expert Review of Respiratory Medicine</i> , 2021, 15, 1403-1413.	1.0	10
1705	A Five-Genes Based Diagnostic Signature for Sepsis-Induced ARDS. <i>Pathology and Oncology Research</i> , 2021, 27, 580801.	0.9	11
1706	Mechanical Ventilation Exacerbates Poly (I:C) Induced Acute Lung Injury: Central Role for Caspase-11 and Gut-Lung Axis. <i>Frontiers in Immunology</i> , 2021, 12, 693874.	2.2	12
1707	COVID-19 versus Non- <sup>®</sup> COVID-19 Acute Respiratory Distress Syndrome: Comparison of Demographics, Physiologic Parameters, Inflammatory Biomarkers, and Clinical Outcomes. <i>Annals of the American Thoracic Society</i> , 2021, 18, 1202-1210.	1.5	100
1708	Management of ARDS – What Works and What Does Not. <i>American Journal of the Medical Sciences</i> , 2021, 362, 13-23.	0.4	28
1709	ARDS subphenotypes: searching for Rorschach among the roentgenograms?. <i>Thorax</i> , 2022, 77, 2-4.	2.7	2
1711	Circulating mitochondrial DNA-triggered autophagy dysfunction via STING underlies sepsis-related acute lung injury. <i>Cell Death and Disease</i> , 2021, 12, 673.	2.7	47
1712	Ten golden rules for individualized mechanical ventilation in acute respiratory distress syndrome. <i>Journal of Intensive Medicine</i> , 2021, 1, 42-51.	0.8	19

#	ARTICLE	IF	CITATIONS
1713	Isorhapontigenin alleviates lipopolysaccharide-induced acute lung injury via modulating Nrf2 signaling. <i>Respiratory Physiology and Neurobiology</i> , 2021, 289, 103667.	0.7	4
1714	Group V Phospholipase A2 Mediates Endothelial Dysfunction and Acute Lung Injury Caused by Methicillin-Resistant <i>Staphylococcus Aureus</i> . <i>Cells</i> , 2021, 10, 1731.	1.8	9
1715	ARDS and Neurological Outcome: There is not just One Organ to Protect!. <i>Neurocritical Care</i> , 2021, 35, 297-298.	1.2	4
1716	Efficiency of Prolonged Prone Positioning for Mechanically Ventilated Patients Infected with COVID-19. <i>Journal of Clinical Medicine</i> , 2021, 10, 2969.	1.0	14
1717	Induced hypernatremia in patients with moderate-to-severe ARDS: a randomized controlled study. <i>Intensive Care Medicine Experimental</i> , 2021, 9, 33.	0.9	5
1718	Potential effect of pulmonary fluid viscosity on positive end-expiratory pressure and regional distribution of lung ventilation in acute respiratory distress syndrome. <i>Clinical Biomechanics</i> , 2021, 87, 105407.	0.5	0
1719	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
1720	Association of early positive end-expiratory pressure settings with ventilator-free days in patients with coronavirus disease 2019 acute respiratory distress syndrome. <i>European Journal of Anaesthesiology</i> , 2021, Publish Ahead of Print, 1274-1283.	0.7	7
1721	Automated detection of acute respiratory distress syndrome from chest X-Rays using Directionality Measure and deep learning features. <i>Computers in Biology and Medicine</i> , 2021, 134, 104463.	3.9	9
1722	Large scale cytokine profiling uncovers elevated IL12-p70 and IL-17A in severe pediatric acute respiratory distress syndrome. <i>Scientific Reports</i> , 2021, 11, 14158.	1.6	4
1723	Gas in scattering media absorption spectroscopy on small and large scales: Toward the extension of lung spectroscopic monitoring to adults. <i>Translational Biophotonics</i> , 2021, 3, e202100003.	1.4	1
1724	Why and how do we need comprehensive international clinical epidemiology of ARDS?. <i>Intensive Care Medicine</i> , 2021, 47, 1014-1016.	3.9	1
1725	Non-invasive ventilatory support and high-flow nasal oxygen as first-line treatment of acute hypoxemic respiratory failure and ARDS. <i>Intensive Care Medicine</i> , 2021, 47, 851-866.	3.9	115
1726	Personalized mechanical ventilation in acute respiratory distress syndrome. <i>Critical Care</i> , 2021, 25, 250.	2.5	97
1727	Advances in medical imaging to evaluate acute respiratory distress syndrome. <i>Chinese Journal of Academic Radiology</i> , 2021, , 1-9.	0.4	1
1728	Maintaining oxygen delivery is crucial to prevent intestinal ischemia in critical ill patients. <i>PLoS ONE</i> , 2021, 16, e0254352.	1.1	4
1729	Static compliance and driving pressure are associated with ICU mortality in intubated COVID-19 ARDS. <i>Critical Care</i> , 2021, 25, 263.	2.5	19
1730	Impact of Clinician Recognition of Acute Respiratory Distress Syndrome on Evidenced-Based Interventions in the Medical ICU. , 2021, 3, e0457.		5

#	ARTICLE	IF	CITATIONS
1731	Tracheostomy management in patients with severe acute respiratory distress syndrome receiving extracorporeal membrane oxygenation: an International Multicenter Retrospective Study. <i>Critical Care</i> , 2021, 25, 238.	2.5	16
1732	Impact of sex on use of low tidal volume ventilation in invasively ventilated ICU patientsâ€”A mediation analysis using two observational cohorts. <i>PLoS ONE</i> , 2021, 16, e0253933.	1.1	14
1733	Pathophysiology of Brain Injury and Neurological Outcome in Acute Respiratory Distress Syndrome: A Scoping Review of Preclinical to Clinical Studies. <i>Neurocritical Care</i> , 2021, 35, 518-527.	1.2	29
1734	Coagulation Dysfunction in Acute Respiratory Distress Syndrome and Its Potential Impact in Inflammatory Subphenotypes. <i>Frontiers in Medicine</i> , 2021, 8, 723217.	1.2	11
1735	Revisiting Old Friends: Adjunctive Therapies in Acute Respiratory Distress Syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 204, 473-475.	2.5	0
1736	Respiratory Mechanics in a Cohort of Critically Ill Subjects With COVID-19 Infection. <i>Respiratory Care</i> , 2021, 66, 1601-1609.	0.8	1
1738	Monocyte-to-lymphocyte ratio is associated with 28-day mortality in patients with acute respiratory distress syndrome: a retrospective study. <i>Journal of Intensive Care</i> , 2021, 9, 49.	1.3	12
1739	Cardiopulmonary coupling indices to assess weaning readiness from mechanical ventilation. <i>Scientific Reports</i> , 2021, 11, 16014.	1.6	5
1740	Therapeutic Effects of Hyaluronic Acid Against Cytotoxic Extracellular Vesicles Released During <i>Pseudomonas Aeruginosa</i> Pneumonia. <i>Shock</i> , 2021, Publish Ahead of Print, .	1.0	0
1741	Comparative Study of Acute Lung Injury in COVID-19 and Non-COVID-19 Patients. <i>Frontiers in Medicine</i> , 2021, 8, 666629.	1.2	19
1742	Helmet Non-Invasive Ventilation for COVID-19 Patients (Helmet-COVID): study protocol for a multicentre randomised controlled trial. <i>BMJ Open</i> , 2021, 11, e052169.	0.8	4
1743	A Comparison of Anticoagulation Strategies in Venovenous Extracorporeal Membrane Oxygenation. <i>ASAIO Journal</i> , 2022, 68, 738-743.	0.9	6
1744	Identification of significant alteration genes, pathways and TFs induced by LPS in ARDS via bioinformatical analysis. <i>BMC Infectious Diseases</i> , 2021, 21, 852.	1.3	3
1745	Haloperidol Attenuates Lung Endothelial Cell Permeability In Vitro and In Vivo. <i>Cells</i> , 2021, 10, 2186.	1.8	4
1746	Outcomes of renal replacement therapy in the critically ill with COVID-19. <i>Medicina Intensiva (English)</i> Tj ETQq0 0 0 rgBT /Overlock 10 T	0.1	1
1747	Intubation in the ICU. <i>Anaesthesia, Critical Care &amp; Pain Medicine</i> , 2021, 40, 100916.	0.6	4
1748	Procollagen I and III as Prognostic Markers in Patients Treated with Extracorporeal Membrane Oxygenation: A Prospective Observational Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 3686.	1.0	1
1749	Therapeutic potential of plant-derived tannins in non-malignant respiratory diseases. <i>Journal of Nutritional Biochemistry</i> , 2021, 94, 108632.	1.9	15



#	ARTICLE	IF	CITATIONS
1750	Implementing nudges to promote utilization of low tidal volume ventilation (INPUT): a stepped-wedge, hybrid type III trial of strategies to improve evidence-based mechanical ventilation management. <i>Implementation Science</i> , 2021, 16, 78.	2.5	5
1751	Protocol Use in Surgical Intensive Care Units. <i>Journal of Surgical Research</i> , 2021, 264, 242-248.	0.8	0
1752	Red Blood Cell Distribution Width (RDW) as a prognostic marker for COVID-19: A literature review. <i>Research, Society and Development</i> , 2021, 10, e51810918377.	0.0	0
1753	Long non-coding RNA <i>HOTAIR</i> knockdown alleviates lipopolysaccharide-induced acute respiratory distress syndrome and the associated inflammatory response by modulating the <i>microRNA-30a-5p/PDE7A</i> axis. <i>Experimental and Therapeutic Medicine</i> , 2021, 22, 1160.	0.8	3
1754	ARDS Patients Exhibiting a "Hyperinflammatory Anasarca" Phenotype Could Benefit From a Conservative Fluid Management Strategy. <i>Frontiers in Medicine</i> , 2021, 8, 727910.	1.2	1
1755	Increased In Vitro Intercellular Barrier Function of Lung Epithelial Cells Using Adipose-Derived Mesenchymal Stem/Stromal Cells. <i>Pharmaceutics</i> , 2021, 13, 1264.	2.0	5
1756	A peptide derived from chaperonin 60.1, IRL201104, inhibits LPS-induced acute lung inflammation. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021, 321, L803-L813.	1.3	3
1757	Establishment of a venovenous extracorporeal membrane oxygenation in a rat model of acute respiratory distress syndrome. <i>Perfusion (United Kingdom)</i> , 2021, , 026765912110314.	0.5	4
1758	The relationship of tidal volume and driving pressure with mortality in hypoxic patients receiving mechanical ventilation. <i>PLoS ONE</i> , 2021, 16, e0255812.	1.1	9
1759	P/FP ratio: incorporation of PEEP into the PaO <sub>2</sub> /FIO <sub>2</sub> ratio for prognostication and classification of acute respiratory distress syndrome. <i>Annals of Intensive Care</i> , 2021, 11, 124.	2.2	24
1760	Pulmonary mycobacterial infection is associated with increased mortality in patients with acute respiratory distress syndrome. <i>Medicine (United States)</i> , 2021, 100, e26969.	0.4	0
1761	Acute Respiratory Distress Syndrome (ARDS) after trauma: Improving incidence, but increasing mortality. <i>Journal of Critical Care</i> , 2021, 64, 213-218.	1.0	15
1762	Driving Pressure Is a Risk Factor for ARDS in Mechanically Ventilated Subjects Without ARDS. <i>Respiratory Care</i> , 2021, 66, 1505-1513.	0.8	5
1763	The First Day in ARDS Care: Your First Steps Should Be Your Best. <i>Respiratory Care</i> , 2021, 66, 1498-1500.	0.8	1
1764	Outcomes of renal replacement therapy in the critically ill with COVID-19. <i>Medicina Intensiva</i> , 2021, 45, 325-331.	0.4	10
1765	The Risk Factors for Weaning Failure of Mechanically Ventilated Patients With COVID-19: A Retrospective Study in National Medical Team Work. <i>Frontiers in Medicine</i> , 2021, 8, 678157.	1.2	5
1767	Acute respiratory distress syndrome. <i>Lancet, The</i> , 2021, 398, 622-637.	6.3	426
1768	Specific Features of the Coagulopathy Signature in Severe COVID-19 Pneumonia. <i>Frontiers in Medicine</i> , 2021, 8, 675191.	1.2	7



#	ARTICLE	IF	CITATIONS
1769	Diagnosis of acute respiratory distress syndrome (DARTS) by bedside exhaled breath octane measurements in invasively ventilated patients: protocol of a multicentre observational cohort study. <i>Annals of Translational Medicine</i> , 2021, 9, 1262-1262.	0.7	9
1770	Intra-abdominal hypertension and hypoxic respiratory failure together predict adverse outcome – A sub-analysis of a prospective cohort. <i>Journal of Critical Care</i> , 2021, 64, 165-172.	1.0	7
1771	INVESTIGATION OF THE GLOBAL OUTCOMES OF ACUTE RESPIRATORY DISTRESS SYNDROME WITH THE EFFECT OF COVID-19 IN PUBLICATIONS: A BIBLIOMETRIC ANALYSIS BETWEEN 1980 AND 2020. <i>K�rkkale �niversitesi D.0 T�p Fak�ltesi Dergisi</i> , 2021, 23, 279-292.		10
1772	The Cost of ARDS. <i>Chest</i> , 2022, 161, 684-696.	0.4	7
1773	Therapeutic benefits of proning to improve pulmonary gas exchange in severe respiratory failure: focus on fundamentals of physiology. <i>Experimental Physiology</i> , 2022, 107, 759-770.	0.9	8
1774	Clinical Strains of <i>Pseudomonas aeruginosa</i> Secrete LasB Elastase to Induce Hemorrhagic Diffuse Alveolar Damage in Mice. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 3767-3780.	1.6	5
1775	What intensive care registries can teach us about outcomes. <i>Current Opinion in Critical Care</i> , 2021, 27, 537-543.	1.6	7
1776	The Berlin definition of acute respiratory distress syndrome: should patients receiving high-flow nasal oxygen be included?. <i>Lancet Respiratory Medicine</i> , 2021, 9, 933-936.	5.2	80
1777	Association between Advanced Lung Inflammation Index and 30-Day Mortality in Patients with Acute Respiratory Distress Syndrome. <i>Medicina (Lithuania)</i> , 2021, 57, 800.	0.8	0
1778	Handling oxygenation targets in ICU patients with COVID-19 – Protocol and statistical analysis plan in the HOT-COVID trial. <i>Acta Anaesthesiologica Scandinavica</i> , 2021, 65, 1497-1504.	0.7	5
1779	Association of different positive end-expiratory pressure selection strategies with all-cause mortality in adult patients with acute respiratory distress syndrome. <i>Systematic Reviews</i> , 2021, 10, 225.	2.5	2
1780	Dysregulated plasma lipid mediator profiles in critically ill COVID-19 patients. <i>PLoS ONE</i> , 2021, 16, e0256226.	1.1	34
1781	Identification of distinct clinical phenotypes of acute respiratory distress syndrome with differential responses to treatment. <i>Critical Care</i> , 2021, 25, 320.	2.5	16
1782	It is time to update the ARDS definition: It starts with COVID-19-induced respiratory failure. <i>Journal of Intensive Medicine</i> , 2021, , .	0.8	0
1783	Bursting at the Seams. <i>Critical Care Medicine</i> , 2021, Publish Ahead of Print, .	0.4	1
1784	Calculated Plasma Volume Status Is Associated With Mortality in Acute Respiratory Distress Syndrome. , 2021, 3, e0534.		6
1785	Critical Illness in COVID-19: A Sobering Experience for the Intensivist. <i>Indian Journal of Critical Care Medicine</i> , 2021, 25, 965-966.	0.3	0
1786	miR-122a-5p downregulation attenuates lipopolysaccharide-induced acute lung injury by targeting IL1RN. <i>Experimental and Therapeutic Medicine</i> , 2021, 22, 1278.	0.8	11

#	ARTICLE	IF	CITATIONS
1787	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
1788	A trauma-related survival predictive model of acute respiratory distress syndrome. <i>Journal of Clinical Laboratory Analysis</i> , 2021, 35, e24006.	0.9	7
1789	Semisupervised Deep Learning Techniques for Predicting Acute Respiratory Distress Syndrome From Time-Series Clinical Data: Model Development and Validation Study. <i>JMIR Formative Research</i> , 2021, 5, e28028.	0.7	6
1790	Adherence to Lung-Protective Ventilation in Pediatric Acute Respiratory Distress Syndrome: Principles Versus Explicit Targets*. <i>Critical Care Medicine</i> , 2021, 49, 1836-1839.	0.4	0
1791	Barotrauma in Coronavirus Disease 2019 Patients Undergoing Invasive Mechanical Ventilation: A Systematic Literature Review*. <i>Critical Care Medicine</i> , 2022, 50, 491-500.	0.4	41
1792	Estimated Pao <sub>2</sub> : A Continuous and Noninvasive Method to Estimate Pao <sub>2</sub> and Oxygenation Index. , 2021, 3, e0546.		10
1793	The application experience of focused ultrasound heart examination in patients with COVID-19 in Prone-position. <i>Medical Visualization</i> , 2021, 25, 13-21.	0.1	0
1794	Selenium-Containing Compound Ameliorates Lipopolysaccharide-Induced Acute Lung Injury via Regulating the MAPK/AP-1 Pathway. <i>Inflammation</i> , 2021, 44, 2518-2530.	1.7	3
1795	Energy Achievement Rate Is an Independent Factor Associated with Intensive Care Unit Mortality in High-Nutritional-Risk Patients with Acute Respiratory Distress Syndrome Requiring Prolonged Prone Positioning Therapy. <i>Nutrients</i> , 2021, 13, 3176.	1.7	4
1797	Influence of rosuvastatin treatment on cerebral inflammation and nitro-oxidative stress in experimental lung injury in pigs. <i>BMC Anesthesiology</i> , 2021, 21, 224.	0.7	1
1798	Therapeutic Effects of High Molecular Weight Hyaluronic Acid in Severe Pseudomonas Aeruginosa Pneumonia in Ex Vivo Perfused Human Lungs. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021, 321, L827-L836.	1.3	3
1799	Practice of tracheostomy in patients with acute respiratory failure related to COVID-19 Insights from the PROVENT COVID study. <i>Pulmonology</i> , 2022, 28, 18-27.	1.0	8
1800	MicroRNA-541-5p Regulates Type II Alveolar Epithelial Cell Proliferation and Activity by Modulating the HMGB1 Expression. <i>Shock</i> , 2022, 57, 536-543.	1.0	5
1802	The Effectiveness of High-Flow Nasal Cannula in Coronavirus Disease 2019 Pneumonia: A Retrospective Cohort Study. <i>Critical Care Medicine</i> , 2022, 50, e253-e262.	0.4	8
1803	Electrical Impedance Tomography Monitoring of Bronchoalveolar Lavage in Patients With Acute Respiratory Distress Syndrome. <i>Critical Care Medicine</i> , 2021, Publish Ahead of Print, .	0.4	0
1804	Identification of persistent and resolving subphenotypes of acute hypoxemic respiratory failure in two independent cohorts. <i>Critical Care</i> , 2021, 25, 336.	2.5	11
1805	Utilizing machine learning to improve clinical trial design for acute respiratory distress syndrome. <i>Npj Digital Medicine</i> , 2021, 4, 133.	5.7	12
1806	Media Portrayals of the ARDS. <i>Chest</i> , 2021, 160, 965-968.	0.4	1

#	ARTICLE	IF	CITATIONS
1807	The Linkage Between Intraabdominal Hypertension and Acute Kidney Injury Remains To Be Confirmed. <i>Chest</i> , 2021, 160, e320-e321.	0.4	0
1808	Timing of ARDS Resolution (TARU): A Pragmatic Clinical Assessment of ARDS Resolution in the ICU. <i>Lung</i> , 2021, 199, 439-445.	1.4	2
1809	Isn't it time to abandon ARDS? The COVID-19 lesson. <i>Critical Care</i> , 2021, 25, 326.	2.5	27
1810	Clinical characteristics and outcomes of invasively ventilated patients with COVID-19 in Argentina (SATICOVID): a prospective, multicentre cohort study. <i>Lancet Respiratory Medicine</i> , 2021, 9, 989-998.	5.2	79
1811	Validation of a novel system to assess end-expiratory lung volume and alveolar recruitment in an ARDS model. <i>Intensive Care Medicine Experimental</i> , 2021, 9, 46.	0.9	0
1812	The effect of driving pressures in COVID-19 ARDS: Lower may still be better as in classic ARDS. <i>Respiratory Investigation</i> , 2021, 59, 628-634.	0.9	1
1813	Intra-operative ventilator mechanical power as a predictor of postoperative pulmonary complications in surgical patients. <i>European Journal of Anaesthesiology</i> , 2022, 39, 67-74.	0.7	26
1814	Identification of early and intermediate biomarkers for ARDS mortality by multi-omic approaches. <i>Scientific Reports</i> , 2021, 11, 18874.	1.6	5
1815	Top Ten Tips Palliative Care Clinicians Should Know About Prognostication in Critical Illness and Heart, Kidney, and Liver Diseases. <i>Journal of Palliative Medicine</i> , 2021, 24, 1561-1567.	0.6	1
1817	Latent Class Analysis Reveals COVID-19-related Acute Respiratory Distress Syndrome Subgroups with Differential Responses to Corticosteroids. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 204, 1274-1285.	2.5	121
1818	Whole-Blood Mitochondrial DNA Copies Are Associated With the Prognosis of Acute Respiratory Distress Syndrome After Sepsis. <i>Frontiers in Immunology</i> , 2021, 12, 737369.	2.2	6
1819	Assessment of different computing methods of inspiratory transpulmonary pressure in patients with multiple mechanical problems. <i>Journal of Clinical Monitoring and Computing</i> , 2022, 36, 1173-1180.	0.7	0
1820	Stable Long-Term Culture of Human Distal Airway Stem Cells for Transplantation. <i>Stem Cells International</i> , 2021, 2021, 1-11.	1.2	7
1821	Tracheostomy in Mechanically Ventilated Patients With SARS-CoV-2-ARDS: Focus on Tracheomalacia. <i>Respiratory Care</i> , 2021, 66, 1797-1804.	0.8	6
1822	The Effect of Loop Diuretics on 28-Day Mortality in Patients With Acute Respiratory Distress Syndrome. <i>Frontiers in Medicine</i> , 2021, 8, 740675.	1.2	9
1823	Ageing mechanisms that contribute to tissue remodeling in lung disease. <i>Ageing Research Reviews</i> , 2021, 70, 101405.	5.0	22
1824	A hitchhiker's guide through the COVID-19 galaxy. <i>Clinical Immunology</i> , 2021, 232, 108849.	1.4	3
1825	Differential Redox State and Iron Regulation in Chronic Obstructive Pulmonary Disease, Acute Respiratory Distress Syndrome and Coronavirus Disease 2019. <i>Antioxidants</i> , 2021, 10, 1460.	2.2	15

#	ARTICLE	IF	CITATIONS
1826	Caloric Intake with High Ratio of Enteral Nutrition Associated with Lower Hospital Mortality for Patients with Acute Respiratory Distress Syndrome Using Prone Position Therapy. <i>Nutrients</i> , 2021, 13, 3259.	1.7	2
1827	Assessment of Alveolar Macrophage Dysfunction Using an in vitro Model of Acute Respiratory Distress Syndrome. <i>Frontiers in Medicine</i> , 2021, 8, 737859.	1.2	4
1828	Neutrophil Extracellular Traps Augmented Alveolar Macrophage Pyroptosis via AIM2 Inflammasome Activation in LPS-Induced ALI/ARDS. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 4839-4858.	1.6	61
1829	Soluble urokinase plasminogen activator receptor (suPAR) predicts critical illness and kidney failure in patients admitted to the intensive care unit. <i>Scientific Reports</i> , 2021, 11, 17476.	1.6	8
1830	Chalcone derivatives ameliorate lipopolysaccharide-induced acute lung injury and inflammation by targeting MD2. <i>Acta Pharmacologica Sinica</i> , 2022, 43, 76-85.	2.8	10
1831	Low mortality rates among critically ill adults with COVID-19 at three non-academic intensive care units in south Sweden. <i>Acta Anaesthesiologica Scandinavica</i> , 2021, 65, 1457-1465.	0.7	4
1832	Evolution of practice patterns in the management of acute respiratory distress syndrome: A secondary analysis of two successive randomized controlled trials. <i>Journal of Critical Care</i> , 2021, 65, 274-281.	1.0	9
1833	Genetics of Acute Respiratory Distress Syndrome. <i>Critical Care Clinics</i> , 2021, 37, 817-834.	1.0	3
1834	Toward Optimal Acute Respiratory Distress Syndrome Outcomes. <i>Critical Care Clinics</i> , 2021, 37, 733-748.	1.0	1
1835	Pharmacologic Treatments for Acute Respiratory Distress Syndrome. <i>Critical Care Clinics</i> , 2021, 37, 877-893.	1.0	8
1836	The Epidemiology of Acute Respiratory Distress Syndrome Before and After Coronavirus Disease 2019. <i>Critical Care Clinics</i> , 2021, 37, 703-716.	1.0	35
1837	Nanotechnology based advanced therapeutic strategies for targeting interleukins in chronic respiratory diseases. <i>Chemico-Biological Interactions</i> , 2021, 348, 109637.	1.7	14
1838	Helmet and face mask for non-invasive respiratory support in patients with acute hypoxemic respiratory failure: A retrospective study. <i>Journal of Critical Care</i> , 2021, 65, 56-61.	1.0	10
1839	The effect of FTY720 at different doses and time-points on LPS-induced acute lung injury in rats. <i>International Immunopharmacology</i> , 2021, 99, 107972.	1.7	3
1840	Acute Respiratory Distress Syndrome. <i>Critical Care Clinics</i> , 2021, 37, 851-866.	1.0	12
1841	Environmental Factors. <i>Critical Care Clinics</i> , 2021, 37, 717-732.	1.0	2
1842	Senkyunolide I protect against lung injury via inhibiting formation of neutrophil extracellular trap in a murine model of cecal ligation and puncture. <i>International Immunopharmacology</i> , 2021, 99, 107922.	1.7	9
1843	Pathophysiology of the Acute Respiratory Distress Syndrome. <i>Critical Care Clinics</i> , 2021, 37, 795-815.	1.0	19

#	ARTICLE	IF	CITATIONS
1844	Quality of life and functional status of patients treated with venovenous extracorporeal membrane oxygenation at 6 months. <i>Journal of Critical Care</i> , 2021, 66, 26-30.	1.0	7
1845	Utilization and effect of neuromuscular blockade in a randomized trial of high-frequency oscillation. <i>Journal of Critical Care</i> , 2021, 66, 86-92.	1.0	0
1846	The Pulmonary Circulation and the Right Ventricle in ARDS. , 2022, , 746-762.		0
1847	ARDS in Patients Without Risk Factors. , 2022, , 279-287.		0
1848	Herpesviruses in Critically Ill Patients With ARDS. , 2022, , 373-385.		4
1849	Mechanical Ventilation in 2035: Indications, Monitoring and Outcomes. , 2022, , 459-468.		0
1850	Right-Ventricle Protective Ventilation. , 2022, , 418-424.		0
1852	Optimizing Mechanical Ventilation in Refractory ARDS. , 2022, , 425-433.		0
1853	The Obese Patient With Acute Respiratory Failure. , 2022, , 545-554.		0
1854	Ventilator-Associated Lung Injury. , 2022, , 406-417.		1
1855	Hemolysis in patients with Extracorporeal Membrane Oxygenation therapy for severe Acute Respiratory Distress Syndrome - a systematic review of the literature. <i>International Journal of Medical Sciences</i> , 2021, 18, 1730-1738.	1.1	20
1857	Intercellular Communication by Vascular Endothelial Cell-Derived Extracellular Vesicles and Their MicroRNAs in Respiratory Diseases. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 619697.	1.6	19
1858	Diammonium glycyrrhizinate lipid ligand ameliorates lipopolysaccharide-induced acute lung injury by modulating vascular endothelial barrier function. <i>Experimental and Therapeutic Medicine</i> , 2021, 21, 303.	0.8	5
1859	Personalisation of Therapies in COVID-19 Associated Acute Respiratory Distress Syndrome, Using Electrical Impedance Tomography. <i>The Journal of Critical Care Medicine</i> , 2021, 7, 62-66.	0.3	6
1860	Clinical manifestation of multiple wasp stings with details of whole transcriptome analysis. <i>Medicine (United States)</i> , 2021, 100, e24492.	0.4	5
1861	Prone Position Ventilation in Neurologically Ill Patients: A Systematic Review and Proposed Protocol. <i>Critical Care Medicine</i> , 2021, 49, e269-e278.	0.4	7
1862	Synopsis of Clinical Acute Respiratory Distress Syndrome (ARDS). <i>Advances in Experimental Medicine and Biology</i> , 2021, 1304, 323-331.	0.8	2
1863	Stressed erythrophagocytosis induces immunosuppression during sepsis through heme-mediated STAT1 dysregulation. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	31

#	ARTICLE	IF	CITATIONS
1864	Effects of melatonin on protecting against lung injury (Review). <i>Experimental and Therapeutic Medicine</i> , 2021, 21, 228.	0.8	18
1865	Clinical features and respiratory pathophysiology of COVID-19 patients ventilated in the prone position: a cohort study. <i>Anesthesiology Intensive Therapy</i> , 2021, 53, 319-324.	0.4	1
1866	Sedating Mechanically Ventilated COVID-19 Patients with Volatile Anesthetics: Insights on the Last-Minute Potential Weapons. <i>Scientia Pharmaceutica</i> , 2021, 89, 6.	0.7	12
1867	A novel therapy for influenza-induced pneumonia. <i>Journal of Radiation and Cancer Research</i> , 2021, 12, 36.	0.0	0
1869	Impact of Different Positive End-Expiratory Pressures on Lung Mechanics in the Setting of Moderately Elevated Intra-Abdominal Pressure and Acute Lung Injury in a Porcine Model. <i>Journal of Clinical Medicine</i> , 2021, 10, 306.	1.0	2
1870	Mechanical ventilation: Past and present. <i>Medicina Intensiva (English Edition)</i> , 2021, 45, 1-2.	0.1	0
1871	Grundlagen der Beatmung. , 2021, , 517-620.		0
1872	Acute respiratory distress syndrome (ARDS). , 2021, , 711-716.		0
1873	A comparison of radiographic features between non-survivors and survivors from ICU. <i>European Journal of Radiology Open</i> , 2021, 8, 100338.	0.7	2
1874	Use of Machine Learning to Screen for Acute Respiratory Distress Syndrome Using Raw Ventilator Waveform Data. , 2021, 3, e0313.		1
1875	Mechanisms of Pulmonary Hypertension in Acute Respiratory Distress Syndrome (ARDS). <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 624093.	1.6	22
1876	IL-10 and class 1 histone deacetylases act synergistically and independently on the secretion of proinflammatory mediators in alveolar macrophages. <i>PLoS ONE</i> , 2021, 16, e0245169.	1.1	10
1877	Treatment of Diffuse Alveolar Hemorrhage: Controlling Inflammation and Obtaining Rapid and Effective Hemostasis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 793.	1.8	23
1878	Aspirin in Coronavirus Disease 2019-Related Acute Respiratory Distress Syndrome: An Old, Low-Cost Therapy With a Strong Rationale. <i>Anesthesia and Analgesia</i> , 2021, 132, 927-929.	1.1	1
1879	Bedside monitoring of lung volume available for gas exchange. <i>Intensive Care Medicine Experimental</i> , 2021, 9, 3.	0.9	5
1880	Utility of SpO <sub>2</sub> /FiO <sub>2</sub> ratio for acute hypoxemic respiratory failure with bilateral opacities in the ICU. <i>PLoS ONE</i> , 2021, 16, e0245927.	1.1	19
1881	Risk Factors and Etiologies of Pediatric Acute Respiratory Distress Syndrome. , 2020, , 33-46.		3
1882	The Safety and Efficiency of Addressing ARDS Using Stem Cell Therapies in Clinical Trials. , 2019, , 219-238.		4



#	ARTICLE	IF	CITATIONS
1883	The Future of ARDS Biomarkers: Where Are the Gaps in Implementation of Precision Medicine?. Annual Update in Intensive Care and Emergency Medicine, 2020, , 91-100.	0.1	2
1884	Acute Respiratory Distress Syndrome in Cancer Patients. , 2020, , 557-582.		5
1885	BioÉtica en la ventilaci3n mec3nica invasiva: enfermedades cr3nicas/terminales. Acta Colombiana De Cuidado Intensivo, 2020, 20, 86-91.	0.1	2
1886	Hospital Mortality and Effect of Adjusting PaO2/FiO2 According to Altitude Above the Sea Level in Acclimatized Patients Undergoing Invasive Mechanical Ventilation. A Multicenter Study. Archivos De Bronconeumologia, 2020, 56, 218-224.	0.4	9
1887	Overexpression of FoxM1 promotes differentiation of bone marrow mesenchymal stem cells into alveolar type II cells through activating Wnt/ $\beta$ -catenin signalling. Biochemical and Biophysical Research Communications, 2020, 528, 311-317.	1.0	6
1888	Malignant ventricular arrhythmias in patients with severe acute respiratory distress syndrome due to COVID-19 without significant structural heart disease. HeartRhythm Case Reports, 2020, 6, 858-862.	0.2	14
1889	Red blood cell distribution width is associated with mortality risk in patients with acute respiratory distress syndrome based on the Berlin definition: A propensity score matched cohort study. Heart and Lung: Journal of Acute and Critical Care, 2020, 49, 641-645.	0.8	24
1890	IngenierÅa de materiales, mechanical power, ventilaci3n protectora y una de paracaÅdas. Medicina Intensiva, 2019, 43, 513.	0.4	2
1891	¿Se han producido cambios en la aplicaci3n de la ventilaci3n mec3nica en relaci3n con la evidencia cientÍfica? Estudio multic3ntrico en M3xico. Medicina Intensiva, 2020, 44, 333-343.	0.4	1
1892	From sepsis to acute respiratory distress syndrome (ARDS): emerging preventive strategies based on molecular and genetic researches. Bioscience Reports, 2020, 40, .	1.1	46
1893	$\beta$ 2A-adrenoceptor deficiency attenuates lipopolysaccharide-induced lung injury by increasing norepinephrine levels and inhibiting alveolar macrophage activation in acute respiratory distress syndrome. Clinical Science, 2020, 134, 1957-1971.	1.8	11
1894	The ARP 2/3 complex mediates endothelial barrier function and recovery. Pulmonary Circulation, 2017, 7, 200-210.	0.8	16
1895	The Clinical Course of Coronavirus Disease 2019 in a US Hospital System: A Multistate Analysis. American Journal of Epidemiology, 2021, 190, 539-552.	1.6	17
1896	Individualized Positive End-expiratory Pressure and Regional Gas Exchange in Porcine Lung Injury. Anesthesiology, 2020, 132, 808-824.	1.3	8
1897	Myocardial Function during Low <i>versus</i> Intermediate Tidal Volume Ventilation in Patients without Acute Respiratory Distress Syndrome. Anesthesiology, 2020, 132, 1102-1113.	1.3	9
1898	Driving Pressure for Ventilation of Patients with Acute Respiratory Distress Syndrome. Anesthesiology, 2020, 132, 1569-1576.	1.3	10
1899	Extracorporeal Membrane Oxygenation for Respiratory Failure. Anesthesiology, 2020, 132, 1257-1276.	1.3	37
1900	Low Spontaneous Breathing Effort during Extracorporeal Membrane Oxygenation in a Porcine Model of Severe Acute Respiratory Distress Syndrome. Anesthesiology, 2020, 133, 1106-1117.	1.3	9

#	ARTICLE	IF	CITATIONS
1901	Acute Respiratory Distress Syndrome. <i>Anesthesiology</i> , 2021, 134, 270-282.	1.3	44
1902	Clinician Recognition of the Acute Respiratory Distress Syndrome: Risk Factors for Under-Recognition and Trends Over Time*. <i>Critical Care Medicine</i> , 2020, 48, 830-837.	0.4	16
1903	Improved Oxygenation After Prone Positioning May Be a Predictor of Survival in Patients With Acute Respiratory Distress Syndrome*. <i>Critical Care Medicine</i> , 2020, 48, 1729-1736.	0.4	23
1904	Searching for the Responder, Unpacking the Physical Rehabilitation Needs of Critically Ill Adults. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , 2020, 40, 359-369.	1.2	7
1905	Biomarkers in acute respiratory distress syndrome. <i>Current Opinion in Critical Care</i> , 2021, 27, 46-54.	1.6	17
1906	Ventilation of coronavirus disease 2019 patients. <i>Current Opinion in Critical Care</i> , 2021, 27, 6-12.	1.6	13
1907	Extracorporeal Life Support (ECLS): A Review and Focus on Considerations for COVID-19. <i>Shock</i> , 2021, 55, 742-751.	1.0	3
1908	Succinate Activation of SUCNR1 Predisposes Severely Injured Patients to Neutrophil-mediated ARDS. <i>Annals of Surgery</i> , 2022, 276, e944-e954.	2.1	21
1923	Leveraging IoTs and Machine Learning for Patient Diagnosis and Ventilation Management in the Intensive Care Unit. <i>IEEE Pervasive Computing</i> , 2020, 19, 68-78.	1.1	32
1924	Distributive justice during the <scp>coronavirus disease</scp> 2019 pandemic in Australia. <i>ANZ Journal of Surgery</i> , 2020, 90, 961-962.	0.3	9
1925	<i>Bordetella bronchiseptica</i> pneumonia: beware of the dog!. <i>BMJ Case Reports</i> , 2018, 2018, bcr-2018-224588.	0.2	5
1926	Factors associated with hospital admission and critical illness among 5279 people with coronavirus disease 2019 in New York City: prospective cohort study. <i>BMJ</i> , 2020, 369, m1966.	3.0	2,071
1927	Design and rationale of the COVID-19 Critical Care Consortium international, multicentre, observational study. <i>BMJ Open</i> , 2020, 10, e041417.	0.8	17
1928	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
1929	A phase I trial of low-dose inhaled carbon monoxide in sepsis-induced ARDS. <i>JCI Insight</i> , 2018, 3, .	2.3	78
1930	Fatty acid synthase downregulation contributes to acute lung injury in murine diet-induced obesity. <i>JCI Insight</i> , 2019, 4, .	2.3	20
1931	Haptoglobin-2 variant increases susceptibility to acute respiratory distress syndrome during sepsis. <i>JCI Insight</i> , 2019, 4, .	2.3	20
1932	Single cell RNA sequencing identifies an early monocyte gene signature in acute respiratory distress syndrome. <i>JCI Insight</i> , 2020, 5, .	2.3	39

#	ARTICLE	IF	CITATIONS
1933	Myeloperoxidase-derived 2-chlorofatty acids contribute to human sepsis mortality via acute respiratory distress syndrome. <i>JCI Insight</i> , 2017, 2, .	2.3	38
1934	Maladaptive role of neutrophil extracellular traps in pathogen-induced lung injury. <i>JCI Insight</i> , 2018, 3, .	2.3	315
1935	Cytometry TOF identifies alveolar macrophage subtypes in acute respiratory distress syndrome. <i>JCI Insight</i> , 2018, 3, .	2.3	37
1936	Prevalence, potential risk factors and mortality rates of acute respiratory distress syndrome in Chinese patients with sepsis. <i>Journal of International Medical Research</i> , 2020, 48, 030006051989565.	0.4	16
1937	Prone Positioning in Moderate to Severe Acute Respiratory Distress Syndrome Due to COVID-19: A Cohort Study and Analysis of Physiology. <i>Journal of Intensive Care Medicine</i> , 2021, 36, 241-252.	1.3	103
1938	Outcome of acute hypoxaemic respiratory failure: insights from the LUNG SAFE Study. <i>European Respiratory Journal</i> , 2021, 57, 2003317.	3.1	39
1939	Systematic review of diagnostic methods for acute respiratory distress syndrome. <i>ERJ Open Research</i> , 2021, 7, 00504-2020.	1.1	6
1940	A systematic review of biomarkers multivariately associated with acute respiratory distress syndrome development and mortality. <i>Critical Care</i> , 2020, 24, 243.	2.5	42
1941	Early awake prone position combined with high-flow nasal oxygen therapy in severe COVID-19: a case series. <i>Critical Care</i> , 2020, 24, 250.	2.5	103
1942	Estimated dead space fraction and the ventilatory ratio are associated with mortality in early ARDS. <i>Annals of Intensive Care</i> , 2019, 9, 128.	2.2	52
1943	Organizational factors associated with adherence to low tidal volume ventilation: a secondary analysis of the CHECKLIST-ICU database. <i>Annals of Intensive Care</i> , 2020, 10, 68.	2.2	10
1944	Characteristics and outcomes of acute respiratory distress syndrome related to COVID-19 in Belgian and French intensive care units according to antiviral strategies: the COVADIS multicentre observational study. <i>Annals of Intensive Care</i> , 2020, 10, 131.	2.2	39
1945	Neurally adjusted ventilatory assist vs. pressure support to deliver protective mechanical ventilation in patients with acute respiratory distress syndrome: a randomized crossover trial. <i>Annals of Intensive Care</i> , 2020, 10, 18.	2.2	13
1946	Impact of corticosteroid treatment on clinical outcomes of influenza-associated ARDS: a nationwide multicenter study. <i>Annals of Intensive Care</i> , 2020, 10, 26.	2.2	29
1947	Optimal mean airway pressure during high-frequency oscillatory ventilation in an experimental model of acute respiratory distress syndrome: EIT-based method. <i>Annals of Intensive Care</i> , 2020, 10, 31.	2.2	9
1948	Protective ventilation and outcomes of critically ill patients with COVID-19: a cohort study. <i>Annals of Intensive Care</i> , 2021, 11, 92.	2.2	42
1949	Neuromuscular blockade in acute respiratory distress syndrome: a systematic review and meta-analysis of randomized controlled trials. <i>Journal of Intensive Care</i> , 2020, 8, 12.	1.3	47
1950	Mechanical power at a glance: a simple surrogate for volume-controlled ventilation. <i>Intensive Care Medicine Experimental</i> , 2019, 7, 61.	0.9	65

#	ARTICLE	IF	CITATIONS
1951	In vitro characterization of PrismaLung+: a novel ECCO2R device. <i>Intensive Care Medicine Experimental</i> , 2020, 8, 14.	0.9	12
1952	Effects of higher PEEP and recruitment manoeuvres on mortality in patients with ARDS: a systematic review, meta-analysis, meta-regression and trial sequential analysis of randomized controlled trials. <i>Intensive Care Medicine Experimental</i> , 2020, 8, 39.	0.9	33
1953	Liverâ€“lung interactions in acute respiratory distress syndrome. <i>Intensive Care Medicine Experimental</i> , 2020, 8, 48.	0.9	21
1954	Neuromuscular blocking agents in acute respiratory distress syndrome: updated systematic review and meta-analysis of randomized trials. <i>Intensive Care Medicine Experimental</i> , 2020, 8, 61.	0.9	26
1955	The effects of tidal volume size and driving pressure levels on pulmonary complement activation: an observational study in critically ill patients. <i>Intensive Care Medicine Experimental</i> , 2020, 8, 74.	0.9	2
1956	Carbon monoxide in intensive care medicineâ€“time to start the therapeutic application?!. <i>Intensive Care Medicine Experimental</i> , 2020, 8, 2.	0.9	44
1957	Cytokine pre-activation of cryopreserved xenogeneic-free human mesenchymal stromal cells enhances resolution and repair following ventilator-induced lung injury potentially via a KGF-dependent mechanism. <i>Intensive Care Medicine Experimental</i> , 2020, 8, 8.	0.9	18
1958	Unusual Early Recovery of a Critical COVID-19 Patient After Administration of Intravenous Vitamin C. <i>American Journal of Case Reports</i> , 2020, 21, e925521.	0.3	43
1959	COVID-19-Induced Diabetic Ketoacidosis and Acute Respiratory Distress Syndrome in an Obese 24-Year-Old Type I Diabetic. <i>American Journal of Case Reports</i> , 2020, 21, e925586.	0.3	6
1960	Clinical Characteristics and Risk Factors of Acute Respiratory Distress Syndrome (ARDS) in COVID-19 Patients in Beijing, China: A Retrospective Study. <i>Medical Science Monitor</i> , 2020, 26, e925974.	0.5	13
1961	Recent advances in understanding acute respiratory distress syndrome. <i>F1000Research</i> , 2018, 7, 263.	0.8	25
1962	Recent advances in the understanding and management of ARDS. <i>F1000Research</i> , 2019, 8, 1959.	0.8	52
1963	Emerging concepts in ventilation-induced lung injury. <i>F1000Research</i> , 2020, 9, 222.	0.8	22
1964	Effect of protective lung ventilation strategy combined with lung recruitment maneuver in patients with acute respiratory distress syndrome (ARDS). <i>Journal of Acute Disease</i> , 2017, 6, 163-168.	0.0	6
1965	National survey of outcomes and practices in acute respiratory distress syndrome in Singapore. <i>PLoS ONE</i> , 2017, 12, e0179343.	1.1	7
1966	Early and late pulmonary effects of nebulized LPS in mice: An acute lung injury model. <i>PLoS ONE</i> , 2017, 12, e0185474.	1.1	69
1967	Critical illness among adults with cystic fibrosis in Texas, 2004â€“2013: Patterns of ICU utilization, characteristics, and outcomes. <i>PLoS ONE</i> , 2017, 12, e0186770.	1.1	11
1968	Obesity and smoking as risk factors for invasive mechanical ventilation in COVID-19: A retrospective, observational cohort study. <i>PLoS ONE</i> , 2020, 15, e0238552.	1.1	44

#	ARTICLE	IF	CITATIONS
1969	Colchicine reduces lung injury in experimental acute respiratory distress syndrome. PLoS ONE, 2020, 15, e0242318.	1.1	28
1971	Diagnostics and intensive therapy of Acute Respiratory Distress Syndrome (Clinical guidelines of the Tj ETQq1 1 0.784314 rgBT /Ove and Reanimatologiya /Anesteziologiya I Reanimatologiya, 2020, , 5.	0.2	44
1972	Mechanical Ventilation in Adults with Acute Respiratory Distress Syndrome An Official Clinical Guideline of American Thoracic Society/European Society of Intensive Care Medicine/Society of Critical Care Medicine. Pulmonologiya, 2018, 28, 399-410.	0.2	1
1973	Non-invasive ventilation in patients with novel coronavirus infection COVID-19. Pulmonologiya, 2020, 30, 679-687.	0.2	9
1974	Long non-coding RNA MALAT1 exacerbates acute respiratory distress syndrome by upregulating ICAM-1 expression via microRNA-150-5p downregulation. Aging, 2020, 12, 6570-6585.	1.4	34
1975	Prone positioning acute respiratory distress syndrome patients. Annals of Translational Medicine, 2017, 5, 289-289.	0.7	23
1976	Positive end-expiratory pressure: how to set it at the individual level. Annals of Translational Medicine, 2017, 5, 288-288.	0.7	73
1977	Lung imaging: how to get better look inside the lung. Annals of Translational Medicine, 2017, 5, 294-294.	0.7	47
1978	Management and weaning from mechanical ventilation in neurologic patients. Annals of Translational Medicine, 2018, 6, 381-381.	0.7	25
1979	Respiratory mechanics in patients with acute respiratory distress syndrome. Annals of Translational Medicine, 2018, 6, 382-382.	0.7	30
1980	Technical aspects of bedside respiratory monitoring of transpulmonary pressure. Annals of Translational Medicine, 2018, 6, 377-377.	0.7	23
1981	Regional distribution of transpulmonary pressure. Annals of Translational Medicine, 2018, 6, 385-385.	0.7	15
1982	Lessons learned in acute respiratory distress syndrome from the animal laboratory. Annals of Translational Medicine, 2019, 7, 503-503.	0.7	19
1983	Age is major factor for predicting survival in patients with acute respiratory failure on extracorporeal membrane oxygenation: a Korean multicenter study. Journal of Thoracic Disease, 2018, 10, 1406-1417.	0.6	24
1985	Treatment of Sepsis-related Acute Respiratory Distress Syndrome with Vasoactive Intestinal Peptide. SSRN Electronic Journal, 0, , .	0.4	4
1986	A Fourteen-day Experience with Coronavirus Disease 2019 (COVID-19) Induced Acute Respiratory Distress Syndrome (ARDS): An Iranian Treatment Protocol. Iranian Journal of Pharmaceutical Research, 2020, 19, 31-36.	0.3	30
1987	Long-term functional and psychological recovery in a population of acute respiratory distress syndrome patients treated with VV-ECMO and in their caregivers. Minerva Anestesiologica, 2019, 85, 971-980.	0.6	33
1988	Predictors of bleeding in ECMO patients undergoing surgery. Minerva Anestesiologica, 2020, 86, 47-55.	0.6	4

#	ARTICLE	IF	CITATIONS
1989	Detection of strong inspiratory efforts from the analysis of central venous pressure swings: a preliminary clinical study. <i>Minerva Anestesiologica</i> , 2020, 86, 1296-1304.	0.6	10
1990	The assessment of esophageal pressure using different devices: a validation study. <i>Minerva Anestesiologica</i> , 2020, 86, 1047-1056.	0.6	4
1991	Measurement of esophageal pressure: possible limits to its clinical application. <i>Minerva Anestesiologica</i> , 2020, 86, 1008-1010.	0.6	1
1992	Esophageal pressure balloon and transpulmonary pressure monitoring in airway pressure release ventilation: a different approach. <i>Canadian Journal of Respiratory Therapy</i> , 2018, 54, 62-65.	0.2	3
1993	Determinants of Quality of Life and Return to Work Following Acute Respiratory Distress Syndrome. <i>Deutsches A&amp;#x0308;rztblatt International</i> , 2017, 114, 103-109.	0.6	16
1994	Mechanical Ventilation and Extracorporeal Membrane Oxygenation in Acute Respiratory Insufficiency. <i>Deutsches A&amp;#x0308;rztblatt International</i> , 2018, 115, 840-847.	0.6	44
1995	No evidence of hemoglobin damage by SARS-CoV-2 infection. <i>Haematologica</i> , 2020, 105, 2769-2773.	1.7	31
1996	Effects of Nitric Oxide Donor on the Lung Functions in a Saline Lavage-Induced Model of ARDS. <i>Physiological Research</i> , 2019, 68, S265-S273.	0.4	7
1997	Novel Perspectives Regarding the Pathology, Inflammation, and Biomarkers of Acute Respiratory Distress Syndrome. <i>International Journal of Molecular Sciences</i> , 2021, 22, 205.	1.8	8
1998	The Role of Exosomes in Bronchoalveolar Lavage from Patients with Acute Respiratory Distress Syndrome. <i>Journal of Clinical Medicine</i> , 2019, 8, 1148.	1.0	7
1999	Effects of Prone Ventilation on Oxygenation, Inflammation, and Lung Infiltrates in COVID-19 Related Acute Respiratory Distress Syndrome: A Retrospective Cohort Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 4129.	1.0	16
2000	Prone Positioning in Patients With Acute Respiratory Distress Syndrome and Other Respiratory Conditions: Challenges, Complications, and Solutions. <i>Patient Safety</i> , 2020, , 11-23.	0.1	3
2002	Sufentanil attenuates inflammation and oxidative stress in sepsis-induced acute lung injury by downregulating KNG1 expression. <i>Molecular Medicine Reports</i> , 2020, 22, 4298-4306.	1.1	19
2003	A population-based observational study of patients with pulmonary disorders in intensive care unit. <i>Korean Journal of Internal Medicine</i> , 2020, 35, 1411-1423.	0.7	4
2004	Implementing Automated Prone Ventilation for Acute Respiratory Distress Syndrome via Simulation-Based Training. <i>American Journal of Critical Care</i> , 2020, 29, e52-e59.	0.8	11
2005	Characteristics and Outcomes of Patients with Pulmonary Acute Respiratory Distress Syndrome Infected with Influenza versus Other Respiratory Viruses. <i>Tuberculosis and Respiratory Diseases</i> , 2019, 82, 328.	0.7	4
2006	Clinical Impact of Supplementation of Vitamins B1 and C on Patients with Sepsis-Related Acute Respiratory Distress Syndrome. <i>Tuberculosis and Respiratory Diseases</i> , 2020, 83, 248-254.	0.7	5
2007	The effect of demographics and patient location on the outcome of patients with acute respiratory distress syndrome. <i>Annals of Thoracic Medicine</i> , 2017, 12, 17.	0.7	6



#	ARTICLE	IF	CITATIONS
2008	Ventilator dyssynchrony – Detection, pathophysiology, and clinical relevance: A Narrative review. <i>Annals of Thoracic Medicine</i> , 2020, 15, 190.	0.7	15
2009	Prone ventilation in H1N1 virus-associated severe acute respiratory distress syndrome: A case series. <i>International Journal of Critical Illness and Injury Science</i> , 2019, 9, 182.	0.2	5
2010	Driving Pressure: Clinical Applications and Implications in the Intensive Care Units. <i>Indian Journal of Respiratory Care</i> , 2022, 7, 62-66.	0.1	8
2011	Anti-inflammatory Role of Mesenchymal Stem Cells in an Acute Lung Injury Mouse Model. <i>Acute and Critical Care</i> , 2018, 33, 154-161.	0.6	10
2012	The effects of BMS-470539 on lipopolysaccharide-induced acute lung injury. <i>Acute and Critical Care</i> , 2019, 34, 133-140.	0.6	5
2013	Case Report: Typhoid Fever Complicated by Acute Respiratory Distress Syndrome in a Pediatric Traveler. <i>American Journal of Tropical Medicine and Hygiene</i> , 2019, 101, 319-322.	0.6	4
2014	Triage of ICU Resources in a Pandemic Surge: Good Ethics Depends on Good Data. <i>Annals of the Academy of Medicine, Singapore</i> , 2020, 49, 605-607.	0.2	1
2015	Rapid Progression to Acute Respiratory Distress Syndrome: Review of Current Understanding of Critical Illness from Coronavirus Disease 2019 (COVID-19) Infection. <i>Annals of the Academy of Medicine, Singapore</i> , 2020, 49, 108-118.	0.2	167
2016	ISCCM Guidelines for the Use of Non-invasive Ventilation in Acute Respiratory Failure in Adult ICUs. <i>Indian Journal of Critical Care Medicine</i> , 2020, 24, S61-S81.	0.3	50
2017	Current Pharmacological Approach to ARDS: The Place of Bosentan. <i>Eurasian Journal of Medicine</i> , 2020, 52, 81-85.	0.2	18
2018	Noninvasive Ventilation for Acute Hypoxemic Respiratory Failure/ARDS – is There a Role?. <i>Turkish Journal of Anaesthesiology and Reanimation</i> , 2018, 45, 332-334.	0.8	8
2019	Noninvasive Ventilation in Hypoxemic Patients: an Ongoing Soccer Game or a Lost One?. <i>Turkish Journal of Anaesthesiology and Reanimation</i> , 2018, 45, 329-331.	0.8	6
2020	Global Critical Care: Moving Forward in Resource-Limited Settings. <i>Annals of Global Health</i> , 2019, 85, .	0.8	59
2021	Epidemiological and Clinical Profiles of Patients with Acute Respiratory Distress Syndrome Admitted to Medical Intensive Care in Qatar: A Retrospective Analysis of the Data Registry for the Year 2015. <i>Qatar Medical Journal</i> , 2019, 2019, 3.	0.2	4
2028	Administration of enteral nutrition in the prone position, gastric residual volume and other clinical outcomes in critically ill patients: a systematic review. <i>Revista Brasileira De Terapia Intensiva</i> , 2020, 32, 133-142.	0.1	15
2029	Outcomes of ventilatory asynchrony in patients with inspiratory effort. <i>Revista Brasileira De Terapia Intensiva</i> , 2020, 32, 284-294.	0.1	6
2030	Use of telemedicine to combat the COVID-19 pandemic in Brazil. <i>Clinics</i> , 2020, 75, e2217.	0.6	14
2031	Experimental lung injury induces cerebral cytokine mRNA production in pigs. <i>PeerJ</i> , 2020, 8, e10471.	0.9	6



#	ARTICLE	IF	CITATIONS
2032	Cumulative oxygen deficit is a novel predictor for the timing of invasive mechanical ventilation in COVID-19 patients with respiratory distress. PeerJ, 2020, 8, e10497.	0.9	5
2033	Identification of three classes of acute respiratory distress syndrome using latent class analysis. PeerJ, 2018, 6, e4592.	0.9	10
2034	Metagenomic next-generation sequencing for the clinical diagnosis and prognosis of acute respiratory distress syndrome caused by severe pneumonia: a retrospective study. PeerJ, 2020, 8, e9623.	0.9	42
2035	Association Between Peripheral Blood Oxygen Saturation (SpO <sub>2</sub> )/Fraction of Inspired Oxygen (FIO <sub>2</sub> ) Ratio Time at Risk and Hospital Mortality in Mechanically Ventilated Patients. , 2020, 24, .		20
2036	New Development Trend in Clinical Implementation Process and Nursing Care of ARDS Patients with Prone Position Ventilation. Nursing Science, 2021, 10, 433-438.	0.0	0
2037	Association between lung compliance phenotypes and mortality in COVID-19 patients with acute respiratory distress syndrome. Annals of the Academy of Medicine, Singapore, 2021, 50, 686-694.	0.2	8
2038	Mechanisms of Mechanical Force Induced Pulmonary Vascular Endothelial Hyperpermeability. Frontiers in Physiology, 2021, 12, 714064.	1.3	10
2039	Twenty-four-hour mechanical power variation rate is associated with mortality among critically ill patients with acute respiratory failure: a retrospective cohort study. BMC Pulmonary Medicine, 2021, 21, 331.	0.8	3
2040	Phenotyping in acute respiratory distress syndrome: state of the art and clinical implications. Current Opinion in Critical Care, 2022, 28, 1-8.	1.6	18
2041	Mechanisms Underlying the Effects of Lianhua Qingwen on Sepsis-Induced Acute Lung Injury: A Network Pharmacology Approach. Frontiers in Pharmacology, 2021, 12, 717652.	1.6	16
2042	Protective effects of ulinastatin on rats with acute lung injury induced by lipopolysaccharide. Bioengineered, 2024, 15, .	1.4	4
2043	Prevalence, risk, and outcome of deep vein thrombosis in acute respiratory distress syndrome. Thrombosis Journal, 2021, 19, 71.	0.9	3
2044	Prognostic factors for development of acute respiratory distress syndrome following traumatic injury: a systematic review and meta-analysis. European Respiratory Journal, 2022, 59, 2100857.	3.1	10
2045	Effects of Different Levels of Variability and Pressure Support Ventilation on Lung Function in Patients With Mild to Moderate Acute Respiratory Distress Syndrome. Frontiers in Physiology, 2021, 12, 725738.	1.3	1
2046	Incidence and Practice of Early Prone Positioning in Invasively Ventilated COVID-19 Patients: Insights from the PRoVENT-COVID Observational Study. Journal of Clinical Medicine, 2021, 10, 4783.	1.0	18
2047	Identification and validation of candidate genes dysregulated in alveolar macrophages of acute respiratory distress syndrome. PeerJ, 2021, 9, e12312.	0.9	3
2048	Corticosteroid use in ARDS and its application to evolving therapeutics for coronavirus disease 2019 (COVID-19): A systematic review. Pharmacotherapy, 2022, 42, 71-90.	1.2	14
2049	Clinical outcomes of severe COVID-19 patients receiving early VV-ECMO and the impact of pre-ECMO ventilator use. International Journal of Artificial Organs, 2021, 44, 861-867.	0.7	17

#	ARTICLE	IF	CITATIONS
2050	The story of critical care in Asia: a narrative review. <i>Journal of Intensive Care</i> , 2021, 9, 60.	1.3	10
2051	When Conventional Oxygen Therapy Fails—The Effectiveness of High-Flow Nasal Oxygen Therapy in Patients with Respiratory Failure in the Course of COVID-19. <i>Journal of Clinical Medicine</i> , 2021, 10, 4751.	1.0	8
2052	A Research Agenda for Precision Medicine in Sepsis and Acute Respiratory Distress Syndrome: An Official American Thoracic Society Research Statement. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 204, 891-901.	2.5	38
2053	Driving Pressure Is Associated With Outcome in Pediatric Acute Respiratory Failure. <i>Pediatric Critical Care Medicine</i> , 2022, 23, e136-e144.	0.2	21
2054	Complications of Critical COVID-19. <i>Chest</i> , 2022, 161, 989-998.	0.4	14
2055	Alveolar Regeneration in COVID-19 Patients: A Network Perspective. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11279.	1.8	7
2056	High-resolution computed tomography for the prediction of mortality in acute respiratory distress syndrome: A retrospective cohort study. <i>Health Science Reports</i> , 2021, 4, e418.	0.6	3
2058	Treatment with senicapoc, a $K_{Ca}3.1$ channel blocker, alleviates hypoxaemia in a mouse model of acute respiratory distress syndrome. <i>British Journal of Pharmacology</i> , 2022, 179, 2175-2192.	2.7	4
2059	The Severe ARDS Generating Evidence (SAGE) Study. <i>Chest</i> , 2021, 160, 1167-1168.	0.4	1
2060	Acute Respiratory Distress Syndrome in an African Intensive Care Unit Setting: A Prospective Study of Prevalence and Outcomes. <i>Annals of the American Thoracic Society</i> , 2022, 19, 691-694.	1.5	4
2061	Some Patients Are More Equal Than Others: Variation in Ventilator Settings for Coronavirus Disease 2019 Acute Respiratory Distress Syndrome. , 2021, 3, e0555.		5
2062	Comparison of Prone Positioning and Extracorporeal Membrane Oxygenation in Acute Respiratory Distress Syndrome: A Multicenter Cohort Study and Propensity-matched Analysis. <i>Journal of the Formosan Medical Association</i> , 2021, , .	0.8	1
2063	Gene transfer of MRCK $\beta$ rescues lipopolysaccharide-induced acute lung injury by restoring alveolar capillary barrier function. <i>Scientific Reports</i> , 2021, 11, 20862.	1.6	7
2064	Role of Human NADPH Quinone Oxidoreductase (NQO1) in Oxygen-Mediated Cellular Injury and Oxidative DNA Damage in Human Pulmonary Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 1-13.	1.9	5
2065	Understanding the impact of the lung microenvironment to enhance the therapeutic potential of mesenchymal stromal cells for acute respiratory distress syndrome. <i>European Respiratory Journal</i> , 2021, 58, 2100986.	3.1	1
2066	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
2067	Phosphodiesterase 4B is required for NLRP3 inflammasome activation by positive feedback with Nrf2 in the early phase of LPS- induced acute lung injury. <i>Free Radical Biology and Medicine</i> , 2021, 176, 378-391.	1.3	11
2068	Two-photon ratiometric fluorescent probe for imaging of hypochlorous acid in acute lung injury and its remediation effect. <i>Analytica Chimica Acta</i> , 2021, 1187, 339159.	2.6	6

#	ARTICLE	IF	CITATIONS
2069	Apelin-13-Mediated AMPK ameliorates endothelial barrier dysfunction in acute lung injury mice via improvement of mitochondrial function and autophagy. <i>International Immunopharmacology</i> , 2021, 101, 108230.	1.7	14
2070	Respiratory Distress Syndrome: Current Issues of Definitions, Clinical Presentation, Diagnostic Algorithm. <i>Emergency Medicine</i> , 2016, .	0.0	3
2071	Investment and development of innovative economy of Ukraine: problems and prospects. <i>Skhid</i> , 2016, .	0.0	0
2072	HECTD2 one step closer to understand susceptibility for acute respiratory disease syndrome?. <i>Annals of Translational Medicine</i> , 2016, 4, 528-528.	0.7	0
2073	Critical Care: Pulmonary. , 2018, , 333-347.		0
2074	PRONE VENTILATION FOR SEVERE ARDS IN A PERIOPERATIVE CAESAREAN PATIENT. <i>Journal of Evolution of Medical and Dental Sciences</i> , 2017, 6, 6791-6793.	0.1	0
2075	Insuffisance respiratoire aiguë : l'ARDS et au-delà. <i>Medecine Intensive Reanimation</i> , 2018, 27, 25-35.	0.1	0
2076	Advanced Modalities and Rescue Therapies for Severe Respiratory Failure. , 2018, , 193-207.		0
2077	Comparison of hemodynamic monitoring between transesophageal Doppler and ultrasonography-guided inferior vena cava distensibility in supine versus prone position: A pilot study. <i>Indian Journal of Critical Care Medicine</i> , 2018, 22, 836-841.	0.3	2
2078	Akutes Lungenversagen (ARDS). , 2018, , 439-460.		0
2079	Acute Respiratory Distress Syndrome (ARDS). , 2018, , 209-217.		0
2080	L'oxygène haut débit humidifié (OHD) pour tous les patients en insuffisance respiratoire aiguë non hypercapnique ?. <i>Medecine Intensive Reanimation</i> , 2018, 27, 4-6.	0.1	0
2081	Update on management of acute respiratory distress syndrome. <i>AIMS Medical Science</i> , 2018, 5, 145-161.	0.2	0
2086	Introduction to Journal of Thoracic Disease new column: Critical Care Frontier and Horizon. <i>Journal of Thoracic Disease</i> , 2018, 10, 5605-5606.	0.6	0
2087	Challenges in the diagnosis and management of severe <i>Pneumocystis jirovecii</i> pneumonia in a non-HIV-infected patient - A case report. <i>Journal of Clinical Intensive Care and Medicine</i> , 2018, 3, 023-026.	0.6	0
2088	Ultrasonido para el diagnóstico diferencial de la patología pulmonar en el paciente crítico. <i>Revista Colombiana De Neumología</i> , 2018, 30, 29-42.	0.1	0
2089	Noninvasive Oxygen Therapies in Oncologic Patients. , 2019, , 1-23.		0
2090	Clinical outcomes of acute respiratory distress syndrome in a university hospital. <i>Asian Biomedicine</i> , 2019, 12, 263-271.	0.2	1

#	ARTICLE	IF	CITATIONS
2091	Prone position and extracorporeal membrane oxygenation in acute respiratory distress syndrome. Fisioterapia Em Movimento, 0, 32, .	0.4	0
2092	Controlled modes. , 2019, , 43-52.		0
2093	Comment jâ€™utilise les curares dans le SDRA. Medecine Intensive Reanimation, 2019, 28, 32-37.	0.1	0
2095	Invasive ventilation in ARDS. , 2019, , 81-87.		0
2096	Postoperative acute respiratory failure in cardiac surgery. Khirurgiya, 2019, , 5.	0.0	3
2097	OÃ en est-on de lâ€™ECMO veineuse dans le SDRA ?. Medecine Intensive Reanimation, 2019, 28, 1-3.	0.1	0
2098	Getting the basics right: mechanical ventilation in specific diseases. , 2019, , 81-87.		0
2100	Getting the basics right: artificial airway and ventilator modes. , 2019, , 33-42.		0
2101	Modelling ICU Patients to Improve Care Requirements and Outcome Prediction of Acute Respiratory Distress Syndrome: A Supervised Learning Approach. Lecture Notes in Computer Science, 2019, , 39-49.	1.0	0
2102	Lung injury and acute respiratory distress syndrome. , 2019, , 299-303.		0
2103	ACUTE LUNG INJURY. Journal of Evidence Based Medicine and Healthcare, 2019, 6, 393-396.	0.0	0
2104	Pharmacological therapies for acute respiratory distress syndrome. Central European Journal of Clinical Research, 2019, 2, 37-47.	0.3	0
2105	Rol del glicocÃlix en la Sepsis: RevisiÃn de La literatura y enfoque traslacional. Pro Sciences, 2019, 3, 1-10.	0.0	0
2106	Clinical Outcomes in Pediatric Acute Respiratory Distress Syndrome. , 2020, , 211-224.		0
2107	Conventional Mechanical Ventilation in Pediatric Acute Respiratory Distress Syndrome. , 2020, , 63-71.		0
2108	Medical Conditions. , 2020, , 85-88.		0
2109	Respiratory Support Strategies and Nonconventional Ventilation Modes in Oncologic Critical Care Ventilation strategies. , 2020, , 499-508.		0
2110	Prone Ventilatory Therapy in Critically Ill Cancer Patients. , 2020, , 509-516.		0

#	ARTICLE	IF	CITATIONS
2111	Noninvasive Oxygen Therapies in Oncologic Patients. , 2020, , 477-498.		0
2112	Acute Respiratory Distress Syndrome in a Patient With Suspected Influenza: A Case Report. The Journal of Qazvin University of Medical Sciences, 0, , 364-371.	0.1	0
2113	Chest Sonography to Assess Lung Recruitment in Patients with Acute Respiratory Distress Syndrome. , 2020, , 241-245.		0
2114	Estimating healthcare resource needs for COVID-19 patients in Nigeria. Pan African Medical Journal, 2020, 37, 293.	0.3	3
2120	Free-text and Structured Clinical Time Series for Patient Outcome Predictions. , 2020, , .		0
2121	The Limits of Syndrome Recognition: Time to Look Beyond the Bedside to Drive Adoption of Low Tidal Volume Ventilation in Acute Respiratory Distress Syndrome?*. Critical Care Medicine, 2020, 48, 926-928.	0.4	1
2122	JMV5656, a short synthetic derivative of TLQP-21, alleviates acid-induced lung injury and fibrosis in mice. Pulmonary Pharmacology and Therapeutics, 2020, 62, 101916.	1.1	1
2123	SÃndrome de dificultad respiratoria aguda en el contexto de la pandemia por COVID-19. CES Medicina, 0, 34, 69-77.	0.1	0
2125	A Comparison of Three Methods of Height Estimation and Their Impact on Low Tidal Volume Ventilation in a Mixed Ethnicity Intensive Care Unit: A Real-World Experience. Cureus, 2020, 12, e9221.	0.2	0
2129	Expression of a Crry/p65 is reduced in acute lung injury induced by extracellular histones. FEBS Open Bio, 2021, 12, 192.	1.0	4
2131	COVID-19 ARDS: Points to Be Considered in Mechanical Ventilation and Weaning. Journal of Personalized Medicine, 2021, 11, 1109.	1.1	10
2132	Modified Xiaoqinglong decoction alleviates lipopolysaccharide-induced acute lung injury in mice by regulating arachidonic acid metabolism and exerting anti-apoptotic and anti-inflammatory effects. Anatomical Record, 2022, 305, 1672-1681.	0.8	5
2133	A case of cardiopulmonary arrest by drowning, recovering from severe ARDS after prone position for short time and returning to society. Journal of the Japanese Society of Intensive Care Medicine, 2021, 28, 554-555.	0.0	0
2135	Titration and characteristics of pressure-support ventilation use in Argentina: an online cross-sectional survey study. Revista Brasileira De Terapia Intensiva, 2020, 32, 81-91.	0.1	3
2136	Further Important Characteristics of the SARS-CoV-2 IgG and IgA Antibody Response, Potentially Influencing Clinical Outcome: Immediate Antibody Degression and Dependency on Sex. SSRN Electronic Journal, 0, , .	0.4	0
2137	Impact of downstream effects of glucocorticoid receptor dysfunction on organ function in critical illness-associated systemic inflammation. Intensive Care Medicine Experimental, 2020, 8, 37.	0.9	9
2138	RAPID score in Covid-19 patients: a clinical-radiological index for the safe discharge from the Emergency Department. A preliminary report. Emergency Care Journal, 2020, 16, .	0.2	1
2139	Corticosteroids in the treatment of SARS-CoV-2 related lung disease. SeÄenovskij Vestnik, 2020, 11, 19-28.	0.3	3

#	ARTICLE	IF	CITATIONS
2140	Prognostic classification based on P/F and PEEP in invasively ventilated ICU patients with hypoxemia—insights from the MARS study. <i>Intensive Care Medicine Experimental</i> , 2020, 8, 43.	0.9	1
2141	Comparison of direct and indirect models of early induced acute lung injury. <i>Intensive Care Medicine Experimental</i> , 2020, 8, 62.	0.9	30
2142	Mechanical Ventilation With Moderate Tidal Volume Exacerbates Extrapulmonary Sepsis-Induced Lung Injury via IL33-WISP1 Signaling Pathway. <i>Shock</i> , 2020, Publish Ahead of Print, 461-472.	1.0	5
2143	The Outcome of Continuous Positive Airway Pressure (CPAP) in Preterm Neonates in Central India - A Prospective Study. <i>Journal of Evidence Based Medicine and Healthcare</i> , 2020, 7, 2898-2902.	0.0	0
2144	The critically ill patient with COVID-19 and ARDS: Providing rational solutions to new and old challenges. <i>Caribbean Medical Journal</i> , 0, , .	0.1	0
2145	The predictive validity for mortality of the driving pressure and the mechanical power of ventilation. <i>Intensive Care Medicine Experimental</i> , 2020, 8, 60.	0.9	5
2148	Disorders of oxygenation: hypoxemia and tissue hypoxia. , 2022, , 65-84.		0
2149	Death due to irreversible hypoxemic respiratory failure in ARDSnet clinical trials. <i>Journal of Critical Care</i> , 2022, 67, 85-87.	1.0	1
2150	Impact of a respiratory ICU rotation on resident knowledge and confidence in managing mechanical ventilation. <i>Jornal Brasileiro De Pneumologia</i> , 2020, 46, e20190108-e20190108.	0.4	3
2151	Acute Lung Injury and Non-infectious Pneumonias. , 2020, , 73-91.		1
2152	Role of Serum Cytokine Levels in Acute Respiratory Distress Syndrome Patients on Extracorporeal Membrane Oxygenation Support. <i>World Journal of Cardiovascular Surgery</i> , 2020, 10, 1-10.	0.1	1
2153	Algorithmic distinction of ARDS and Heart Failure in ICU data from medical embedded systems by using a computer model. <i>IFAC-PapersOnLine</i> , 2021, 54, 135-140.	0.5	0
2154	Actualización en el tratamiento del síndrome de distrés respiratorio agudo grave pediátrico. <i>Acta Colombiana De Cuidado Intensivo</i> , 2019, 19, 200-211.	0.1	0
2155	Management of Acute Respiratory Distress Syndrome. , 2020, , 161-168.		0
2156	Precision Medicine in Critical Illness: Sepsis and Acute Respiratory Distress Syndrome. <i>Respiratory Medicine</i> , 2020, , 267-288.	0.1	2
2157	Noninvasive Ventilation in Immunocompromised Patients. , 2020, , 419-425.		0
2158	Brain—Lung Cross Talk: From Pathophysiology to Clinical Applications. <i>Physiology in Clinical Neurosciences</i> , 2020, , 85-103.	0.3	0
2159	Adenovirus-associated Acute Respiratory Distress Syndrome: Need for a Protocol-based Approach. <i>Indian Journal of Critical Care Medicine</i> , 2020, 24, 367-368.	0.3	2

#	ARTICLE	IF	CITATIONS
2160	Prone for COVID: Are You Awake?. Indian Journal of Critical Care Medicine, 2020, 24, 504-505.	0.3	2
2161	High flow oxygenation in acute respiratory distress syndrome: possibilities and perspectives. Russian Journal of Anesthesiology and Reanimatology /Anesteziologiya I Reanimatologiya, 2020, , 47.	0.2	0
2162	Sandwich Rolling over Method in Patients with Prone Position Ventilation. International Journal of Clinical Medicine, 2020, 11, 431-437.	0.1	0
2164	Solid Organ Injury. , 2020, , 337-430.		0
2165	Special Considerations in Organ Failure. , 2020, , 285-313.		0
2166	Acute respiratory distress syndrome in pregnancy and peripartum: Facts and figures. Indian Journal of Respiratory Care, 2020, 9, 12.	0.1	1
2167	ARDS Subphenotypes: Understanding a Heterogeneous Syndrome. Annual Update in Intensive Care and Emergency Medicine, 2020, , 67-79.	0.1	3
2168	Extracellular Vesicles in ARDS: New Insights into Pathogenesis with Novel Clinical Applications. Annual Update in Intensive Care and Emergency Medicine, 2020, , 53-65.	0.1	5
2170	Automated Positive End-Expiratory Pressure Titration during Mechanical Ventilation. IFAC-PapersOnLine, 2021, 54, 412-417.	0.5	1
2171	Acute respiratory distress syndrome in the tropics: there is much to learn!. Journal of the Royal College of Physicians of Edinburgh, The, 2020, 50, 10-11.	0.2	0
2172	Aetiology and short-term outcome of acute respiratory distress syndrome: a real-world experience from a medical intensive care unit in southern India. Journal of the Royal College of Physicians of Edinburgh, The, 2020, 50, 12-18.	0.2	1
2173	Acute Respiratory Distress Syndrome in Preterm Newborns (Morphological Study). Obshchaya Reanimatologiya, 2020, 16, 35-44.	0.2	2
2174	Application of Extracorporeal Membrane Oxygenation in Patients with Scrub Typhus Complicated with Acute Respiratory Distress Syndrome. Heart Surgery Forum, 2020, 23, E183-E186.	0.2	0
2175	Sepsis and the Human Microbiome. Just Another Kind of Organ Failure? A Review. Journal of Clinical Medicine, 2021, 10, 4831.	1.0	5
2176	Complex Pathophysiological Mechanisms and the Propose of the Three-Dimensional Schedule For Future COVID-19 Treatment. Frontiers in Immunology, 2021, 12, 716940.	2.2	1
2177	Severe Patients With ARDS With COVID-19 Treated With Extracorporeal Membrane Oxygenation in China: A Retrospective Study. Frontiers in Medicine, 2021, 8, 699227.	1.2	3
2178	L-PGDS Attenuates Acute Lung Injury by Prostaglandin D2 in Both Dependent and Independent Ways. Journal of Immunology, 2021, 207, 2545-2550.	0.4	1
2179	Differential urine proteome analysis of a ventilator-induced lung injury rat model by label-free quantitative and parallel reaction monitoring proteomics. Scientific Reports, 2021, 11, 21446.	1.6	4



#	ARTICLE	IF	CITATIONS
2180	Assessment of Protection Offered by The Nrf2 Pathway Against Hyperoxia-Induced Acute Lung Injury In Nrf2 Knockout Rats. Shock, 2021, Publish Ahead of Print, .	1.0	5
2181	Allogeneic vs. autologous mesenchymal stem/stromal cells in their medication practice. Cell and Bioscience, 2021, 11, 187.	2.1	64
2182	Prone position in COVID 19-associated acute respiratory failure. Current Opinion in Critical Care, 2022, 28, 57-65.	1.6	22
2183	CXCR7 Antagonism Reduces Acute Lung Injury Pathogenesis. Frontiers in Pharmacology, 2021, 12, 748740.	1.6	17
2184	Pronation Technique in ARDS Patients. AboutOpen, 2020, 7, 21-23.	0.2	0
2186	Acute noninvasive ventilation. , 0, , 186-199.		1
2187	Pulmonary Coagulation in the Pathogenesis of Trauma-Associated Acute Respiratory Distress Syndrome. , 2021, , 649-662.		0
2188	Veno-venous ECMO as a platform to evaluate lung lavage and surfactant replacement therapy in an animal model of severe ARDS. Intensive Care Medicine Experimental, 2020, 8, 63.	0.9	2
2190	Critical Care Considerations in Adult Patients With Influenza-Induced ARDS. Critical Care Nurse, 2020, 40, 15-24.	0.5	1
2191	Use of telemedicine to combat the COVID-19 pandemic in Brazil. Clinics, 2020, 75, .	0.6	1
2192	Investigation of anti-inflammatory effects of oxygen nanobubbles in a rat hydrochloric acid lung injury model. Nanomedicine, 2020, 15, 2647-2654.	1.7	3
2194	The Combined Use of Leutragin and Pulmonary Surfactant-BL Increases Animal Survival in a Model of Fatal Acute Respiratory Distress Syndrome. Journal Biomed, 2020, 16, 52-59.	0.1	2
2195	Epidemiology and Management Trends of Patients With Sepsis and Septic Shock in the Intensive Care Unit: A Prospective Trial in the Caribbean. Cureus, 2020, 12, e10980.	0.2	1
2197	A Ventilator-associated Pneumonia Prediction Model in Patients With Acute Respiratory Distress Syndrome. Clinical Infectious Diseases, 2020, 71, S400-S408.	2.9	7
2198	Time-Controlled Adaptive Ventilation Versus Volume-Controlled Ventilation in Experimental Pneumonia. Critical Care Medicine, 2021, 49, 140-150.	0.4	8
2200	Acute hypoxaemic respiratory failure in a low-income country: a prospective observational study of hospital prevalence and mortality. BMJ Open Respiratory Research, 2020, 7, e000719.	1.2	7
2201	Short-term survival of acute respiratory distress syndrome patients due to influenza virus infection alone: a cohort study. ERJ Open Research, 2020, 6, 00587-2020.	1.1	1
2202	Comparison of three methods for teaching mechanical ventilation in an emergency setting to sixth-year medical students: a randomized trial. Revista Da Associação Médica Brasileira, 2020, 66, 1409-1413.	0.3	3

#	ARTICLE	IF	CITATIONS
2203	Implementing Prone Positioning in Your Unit: What Do You Need to Know?. Connect the World of Critical Care Nursing, 2020, 14, 130-140.	0.2	0
2204	Patient Demographics Associated with ARDS Incidence, Hospital Length of Stay and Mortality. Journal of Biomedical Research & Environmental Sciences, 2020, 1, 156-159.	0.1	0
2206	Prognosis value of Serum Cytokine levels among burn-induced ards patients. Annals of Burns and Fire Disasters, 2018, 31, 185-188.	0.3	2
2207	A Computable Phenotype for Acute Respiratory Distress Syndrome Using Natural Language Processing and Machine Learning. AMIA ... Annual Symposium proceedings, 2018, 2018, 157-165.	0.2	9
2208	Organ Dysfunction in Sepsis: An Ominous Trajectory From Infection To Death. Yale Journal of Biology and Medicine, 2019, 92, 629-640.	0.2	60
2209	The quality of acute intensive care and the incidence of critical events have an impact on health-related quality of life in survivors of the acute respiratory distress syndrome - a nationwide prospective multicenter observational study. GMS German Medical Science, 2020, 18, Doc01.	2.7	6
2210	Towards Reliable ARDS Clinical Decision Support: ARDS Patient Analytics with Free-text and Structured EMR Data. AMIA ... Annual Symposium proceedings, 2019, 2019, 228-237.	0.2	3
2214	Attitudinal, regional and sex related vulnerabilities to COVID-19: Considerations for early flattening of curve in Nigeria. Medical Journal of the Islamic Republic of Iran, 2020, 34, 61.	0.9	2
2215	Publication trends of research on acute lung injury and acute respiration distress syndrome during 2009-2019: a 10-year bibliometric analysis. American Journal of Translational Research (discontinued), 2020, 12, 6366-6380.	0.0	1
2218	Clinical Features and Outcomes of ICU Patients with COVID-19 Infection in Tehran, Iran: a Single-Centered Retrospective Cohort Study. Tanaffos, 2020, 19, 300-311.	0.5	4
2219	Umbilical Cord-derived Mesenchymal Stem Cells for COVID-19 Patients with Acute Respiratory Distress Syndrome (ARDS). CellR4, 2020, 8, .	0.5	3
2220	Adherence to Lung Protective Ventilation in Patients With Coronavirus Disease 2019. , 2021, 3, e0512.		1
2221	Sepsis Disrupts Mitochondrial Function and Diaphragm Morphology. Frontiers in Physiology, 2021, 12, 704044.	1.3	2
2222	Reparation of an Inflamed Air-Liquid Interface Cultured A549 Cells with Nebulized Nanocurcumin. Pharmaceutics, 2021, 13, .	2.0	1
2223	Depression and mortality among survivors of acute respiratory distress syndrome in South Korea: A nationwide cohort study conducted from 2010 to 2018. Journal of Psychiatric Research, 2022, 145, 6-12.	1.5	4
2224	Inhaled $\beta_2$ Adrenergic Agonists and Other cAMP-Elevating Agents: Therapeutics for Alveolar Injury and Acute Respiratory Disease Syndrome?. Pharmacological Reviews, 2021, 73, 1659-1697.	7.1	8
2225	Steroid treatment in patients with acute respiratory distress syndrome: a systematic review and network meta-analysis. Journal of Anesthesia, 2021, , 1.	0.7	5
2226	Therapeutic Modulation of the Host Defense by Hemoadsorption with CytoSorb® Basics, Indications and Perspectives—A Scoping Review. International Journal of Molecular Sciences, 2021, 22, 12786.	1.8	21

#	ARTICLE	IF	CITATIONS
2227	Terbutaline attenuates LPS-induced injury of pulmonary microvascular endothelial cells by cAMP/Epac signaling. <i>Drug Development Research</i> , 2021, , .	1.4	4
2228	Lower Driving Pressure and Neuromuscular Blocker Use Are Associated With Decreased Mortality in Patients With COVID-19 ARDS. <i>Respiratory Care</i> , 2022, 67, 216-226.	0.8	8
2229	Core genes involved in the regulation of acute lung injury and their association with COVID-19 and tumor progression: A bioinformatics and experimental study. <i>PLoS ONE</i> , 2021, 16, e0260450.	1.1	8
2230	Hexarelin modulates lung mechanics, inflammation, and fibrosis in acute lung injury. <i>Drug Target Insights</i> , 2021, 15, 26-33.	0.9	7
2231	Nano-Enabled Reposition of Proton Pump Inhibitors for TLR Inhibition: Toward A New Targeted Nanotherapy for Acute Lung Injury. <i>Advanced Science</i> , 2022, 9, e2104051.	5.6	13
2232	A multivariate model for successful publication of intensive care medicine randomized controlled trials in the highest impact factor journals: the SCOTI score. <i>Annals of Intensive Care</i> , 2021, 11, 165.	2.2	3
2233	Neuro-ICU: Usefulness of Transcranial Doppler (TCD/TCCS) to Monitoring of Neurological Impact from Mechanical Ventilation and Prone Position in ARDS Patients. , 2022, , 797-816.		0
2234	The function and mechanism of microRNA-92a-3p in lipopolysaccharide-induced acute lung injury. <i>Immunopharmacology and Immunotoxicology</i> , 2022, 44, 47-57.	1.1	3
2235	Acute Respiratory Distress Syndrome: Focus on Viral Origin and Role of Pulmonary Lymphatics. <i>Biomedicines</i> , 2021, 9, 1732.	1.4	1
2236	Syngaresinol Resisted Sepsis-Induced Acute Lung Injury by Suppressing Pyroptosis Via the Oestrogen Receptor- $\beta$ Signalling Pathway. <i>Inflammation</i> , 2022, 45, 824-837.	1.7	21
2237	Role of Macrophage Polarization in Acute Respiratory Distress Syndrome. <i>Journal of Respiration</i> , 2021, 1, 260-272.	0.4	4
2238	Ventilator-associated pneumonia among SARS-CoV-2 acute respiratory distress syndrome patients. <i>Current Opinion in Critical Care</i> , 2022, 28, 74-82.	1.6	40
2239	Lung function improves after delayed treatment with CNP-miR146a following acute lung injury. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2021, 40, 102498.	1.7	5
2241	Inhibition of Prostaglandin F $_{2\beta}$ Receptors Exaggerates HCl-Induced Lung Inflammation in Mice. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12843.	1.8	5
2242	An online nomogram of acute respiratory distress syndrome originating from pulmonary disease. <i>European Journal of Clinical Investigation</i> , 2022, 52, e13708.	1.7	2
2243	Occurrence and Long-term Prognosis of Insomnia Disorder among Survivors of Acute Respiratory Distress Syndrome in South Korea. <i>Annals of the American Thoracic Society</i> , 2021, , .	1.5	3
2244	Aspirin as a Treatment for ARDS. <i>Chest</i> , 2022, 161, 1275-1284.	0.4	10
2245	Lung transplantation for acute respiratory distress syndrome: a retrospective European cohort study. <i>European Respiratory Journal</i> , 2022, 59, 2102078.	3.1	7

#	ARTICLE	IF	CITATIONS
2246	Mechanical Power Correlates With Lung Inflammation Assessed by Positron-Emission Tomography in Experimental Acute Lung Injury in Pigs. <i>Frontiers in Physiology</i> , 2021, 12, 717266.	1.3	8
2247	Critically ill Covid-19 patients with acute kidney injury: A single-center cohort study. <i>Journal of Surgery and Medicine</i> , 2021, 5, 1107-1112.	0.0	1
2248	Stomatin knockdown effectively attenuates sepsis-induced oxidative stress and inflammation of alveolar epithelial cells by regulating CD36. <i>Experimental and Therapeutic Medicine</i> , 2021, 23, 69.	0.8	3
2249	Nanomedicine hitchhikes on neutrophils to the inflamed lung. <i>Nature Nanotechnology</i> , 2022, 17, 1-2.	15.6	19
2250	Knockdown of phosphoinositide-dependent kinase 1 (PDK1) inhibits fibrosis and inflammation in lipopolysaccharide-induced acute lung injury rat model by attenuating NF- $\kappa$ B/p65 pathway activation. <i>Annals of Translational Medicine</i> , 2021, 9, 1671-1671.	0.7	7
2251	A Comparative Study on the Outcomes of Mechanically Ventilated COVID-19 vs Non-COVID-19 Patients with Acute Hypoxemic Respiratory Failure. <i>Indian Journal of Critical Care Medicine</i> , 2021, 25, 1377-1381.	0.3	5
2252	Factors Associated with 90-Day Mortality in Invasively Ventilated Patients with COVID-19 in Marseille, France. <i>Journal of Clinical Medicine</i> , 2021, 10, 5650.	1.0	3
2253	Intravenous immunoglobulins in patients with COVID-19-associated moderate-to-severe acute respiratory distress syndrome (ICAR): multicentre, double-blind, placebo-controlled, phase 3 trial. <i>Lancet Respiratory Medicine</i> , 2022, 10, 158-166.	5.2	37
2254	Promises and challenges of personalized medicine to guide ARDS therapy. <i>Critical Care</i> , 2021, 25, 404.	2.5	35
2255	Relationship between Driving Pressure and Mortality in Ventilated Patients with Heart Failure: A Cohort Study. <i>Canadian Respiratory Journal</i> , 2021, 2021, 1-8.	0.8	3
2256	Protective ventilation in patients with acute respiratory distress syndrome related to COVID-19: always, sometimes or never?. <i>Current Opinion in Critical Care</i> , 2022, 28, 51-56.	1.6	6
2257	Methylglyoxal Exacerbates Lipopolysaccharide-Induced Acute Lung Injury via RAGE-Induced ROS Generation: Protective Effects of Metformin. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 6477-6489.	1.6	8
2258	Protective role of (5R)-5-hydroxytryptolide in lipopolysaccharide-induced acute lung injury by suppressing dendritic cell activation. <i>International Immunopharmacology</i> , 2022, 102, 108410.	1.7	1
2259	Assessment of a massive open online course (MOOC) incorporating interactive simulation videos on residents' knowledge retention regarding mechanical ventilation. <i>BMC Medical Education</i> , 2021, 21, 595.	1.0	7
2260	An Evidence-Based Protocol for Manual Prone Positioning of Patients With ARDS. <i>Critical Care Nurse</i> , 2021, 41, 55-60.	0.5	4
2261	Akutes Lungenversagen (ARDS). , 2021, , 217-245.		0
2262	Neutrophil extracellular traps are associated with altered human pulmonary artery endothelial barrier function. <i>European Journal of Inflammation</i> , 2021, 19, 205873922110623.	0.2	1
2263	Prognostic Factors in COVID-19 Pneumonia with Severe Acute Respiratory Distress Syndrome: An Observational Study. <i>Yangtze Medicine</i> , 2021, 05, 249-265.	0.1	0



#	ARTICLE	IF	CITATIONS
2282	Gene Therapy for Acute Respiratory Distress Syndrome. <i>Frontiers in Physiology</i> , 2021, 12, 786255.	1.3	4
2283	The Role of Interleukin-8 in Lung Inflammation and Injury: Implications for the Management of COVID-19 and Hyperinflammatory Acute Respiratory Distress Syndrome. <i>Frontiers in Pharmacology</i> , 2021, 12, 808797.	1.6	57
2284	Identification of acute respiratory distress syndrome subphenotypes de novo using routine clinical data: a retrospective analysis of ARDS clinical trials. <i>BMJ Open</i> , 2022, 12, e053297.	0.8	13
2285	Altered distribution, activation and increased IL-17 production of mucosal-associated invariant T cells in patients with acute respiratory distress syndrome. <i>Thorax</i> , 2022, 77, 865-872.	2.7	5
2286	Caspase-1-mediated extracellular vesicles derived from pyroptotic alveolar macrophages promote inflammation in acute lung injury. <i>International Journal of Biological Sciences</i> , 2022, 18, 1521-1538.	2.6	20
2287	Emerging Trends and Hot Spots of Electrical Impedance Tomography Applications in Clinical Lung Monitoring. <i>Frontiers in Medicine</i> , 2021, 8, 813640.	1.2	8
2288	Timeline of Multi-Organ Plasma Extravasation After Bleomycin-Induced Acute Lung Injury. <i>Frontiers in Physiology</i> , 2022, 13, 777072.	1.3	10
2289	Ferulic acid regulates miR-17/PTEN axis to inhibit LPS-induced pulmonary microvascular endothelial cells apoptosis through activation of PI3K/Akt pathway. <i>Journal of Toxicological Sciences</i> , 2022, 47, 61-69.	0.7	3
2290	Kinase signaling as a drug target modality for regulation of vascular hyperpermeability: A case for ARDS therapy development. <i>Drug Discovery Today</i> , 2022, , .	3.2	0
2291	Loss of MBD2 ameliorates LPS-induced alveolar epithelial cell apoptosis and ALI in mice via modulating intracellular zinc homeostasis. <i>FASEB Journal</i> , 2022, 36, e22162.	0.2	6
2292	Acute Respiratory Distress Syndrome During the COVID-19 Era. <i>Infectious Diseases in Clinical Practice</i> , 2022, 30, 1-3.	0.1	0
2293	Respiratory effects of lung recruitment maneuvers depend on the recruitment-to-inflation ratio in patients with COVID-19-related acute respiratory distress syndrome. <i>Critical Care</i> , 2022, 26, 12.	2.5	12
2294	Intensive Care Unit and Hospital Outcomes of Patients Admitted with Blastomycosis: A 14-Year Retrospective Study. <i>Lung</i> , 2022, 200, 129-135.	1.4	2
2295	Intensive care of geriatric patients – a thin line between under- and overtreatment. <i>Wiener Medizinische Wochenschrift</i> , 2022, 172, 102-108.	0.5	6
2297	Quality of life and mortality among survivors of acute respiratory distress syndrome in South Korea: a nationwide cohort study. <i>Journal of Anesthesia</i> , 2022, 36, 230.	0.7	3
2298	ẢNH GIẢ SÁO THAY Ỉ CẢ THẢNG SÁO PaO2/FiO2, SPO2/FiO2 TRONG QUẢ TRẢNH Ỉ TRẢ S VẢ KẢ T QUẢ Ỉ TRẢ SUY HẢ HẢ P TỈ 3/4 N TỈ 3/4 N DO CẢ S M A TẢ Ỉ BẢ T NH VẢ T NH BẢ T NH NH Ỉ T Ỉ Ỉ SI TRUNG Ỉ Ỉ Ỉ (2019-2021). Y Hoc Việt Nam, 2022, 47, 1-5.	0.0	0
2299	Right Ventricular Function in Acute Respiratory Distress Syndrome: Impact on Outcome, Respiratory Strategy and Use of Venovenous Extracorporeal Membrane Oxygenation. <i>Frontiers in Physiology</i> , 2021, 12, 797252.	1.3	11
2300	Transparent decision support for mechanical ventilation using visualization of clinical preferences. <i>BioMedical Engineering OnLine</i> , 2022, 21, 5.	1.3	0



#	ARTICLE	IF	CITATIONS
2301	The Microbiome in Acute Lung Injury and ARDS. <i>Respiratory Medicine</i> , 2022, , 261-290.	0.1	1
2302	Meso-Dihydroguaiaretic Acid Ameliorates Acute Respiratory Distress Syndrome through Inhibiting Neutrophilic Inflammation and Scavenging Free Radical. <i>Antioxidants</i> , 2022, 11, 123.	2.2	3
2303	Age of Red Cells for Transfusion and Outcomes in Patients with ARDS. <i>Journal of Clinical Medicine</i> , 2022, 11, 245.	1.0	4
2304	Clinical Characteristics of Mechanically Ventilated Patients Treated in Non-ICU Settings in a Rural Area of Japan. <i>Cureus</i> , 2022, 14, e20931.	0.2	1
2305	Secretory Autophagosomes from Alveolar Macrophages Exacerbate Acute Respiratory Distress Syndrome by Releasing IL-1 $\beta$ . <i>Journal of Inflammation Research</i> , 2022, Volume 15, 127-140.	1.6	10
2306	A functionally distinct neutrophil landscape in severe COVID-19 reveals opportunities for adjunctive therapies. <i>JCI Insight</i> , 2022, 7, .	2.3	28
2307	Alveolar epithelial glycocalyx degradation mediates surfactant dysfunction and contributes to acute respiratory distress syndrome. <i>JCI Insight</i> , 2022, 7, .	2.3	24
2308	Management of Pediatric Septic Shock and Acute Respiratory Distress Syndrome in Thailand: A Survey of Pediatricians. <i>Frontiers in Pediatrics</i> , 2021, 9, 792524.	0.9	0
2309	Mortality and Associated Risk Factors among In-Patients with Covid-19 in Douala, Cameroon: A Retrospective Cross-Sectional Study. <i>Advances in Infectious Diseases</i> , 2022, 12, 1-19.	0.0	0
2310	Airway Closure and Expiratory Flow Limitation in Acute Respiratory Distress Syndrome. <i>Frontiers in Physiology</i> , 2021, 12, 815601.	1.3	5
2311	Lung transplantation for acute respiratory distress syndrome. <i>Thoracic Surgery Clinics</i> , 2022, 32, 135-142.	0.4	1
2312	Improving delivery of low tidal volume ventilation in 10 ICUs. <i>BMJ Open Quality</i> , 2022, 11, e001343.	0.4	1
2313	Nitric oxide: Clinical applications in critically ill patients. <i>Nitric Oxide - Biology and Chemistry</i> , 2022, 121, 20-33.	1.2	21
2314	Lung- and Diaphragm-Protective Ventilation by Titrating Inspiratory Support to Diaphragm Effort: A Randomized Clinical Trial. <i>Critical Care Medicine</i> , 2022, 50, 192-203.	0.4	21
2315	Defining Failure of Noninvasive Ventilation for Acute Respiratory Distress Syndrome: Have We Succeeded?. <i>Annals of the American Thoracic Society</i> , 2022, 19, 167-169.	1.5	0
2316	Peritonitis secundarias del adulto. <i>EMC - Anestesia-Reanimación</i> , 2022, 48, 1-18.	0.1	0
2317	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
2318	Can nebulised HepArin Reduce mortality and time to Extubation in patients with COVID-19 Requiring invasive ventilation Meta-analysis (CHARTER-MT): Protocol and statistical analysis plan for an investigator-initiated international meta-analysis of prospective randomised clinical studies. <i>British Journal of Clinical Pharmacology</i> , 2022, 88, 3272-3287.	1.1	9



#	ARTICLE	IF	CITATIONS
2319	MiR-124-3p targeting PDE4B attenuates LPS-induced ALI through the TLR4/NF- $\kappa$ B signaling pathway. <i>International Immunopharmacology</i> , 2022, 105, 108540.	1.7	7
2320	Clinical Characteristics and Outcomes of COVID-19 Acute Respiratory Distress Syndrome Patients Requiring Invasive Mechanical Ventilation in a Lower Middle-Income Country. <i>The Journal of Critical Care Medicine</i> , 2022, 8, 23-32.	0.3	4
2321	Flow-controlled ventilation â€“ a new and promising method of ventilation presented with a review of the literature. <i>Anesthesiology Intensive Therapy</i> , 2022, 54, 62-70.	0.4	8
2322	Interferon- $\beta$ Preferentially Promotes Necroptosis of Lung Epithelial Cells by Upregulating MLKL. <i>Cells</i> , 2022, 11, 563.	1.8	9
2323	Peritoniti secondarie negli adulti. <i>EMC - Anestesia-Rianimazione</i> , 2022, 27, 1-16.	0.1	0
2324	A two-hit model of sepsis plus hyperoxia causes lung permeability and inflammation. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2022, 322, L273-L282.	1.3	8
2325	Initiation of a Lung Protective Ventilation Strategy in the Emergency Department: Does an Emergency Department-Based ICU Make a Difference?. , 2022, 4, e0632.		0
2326	Low Tidal Volume Ventilation for Emergency Department Patients: A Systematic Review and Meta-Analysis on Practice Patterns and Clinical Impact*. <i>Critical Care Medicine</i> , 2022, 50, 986-998.	0.4	8
2327	ADAM8 signaling drives neutrophil migration and ARDS severity. <i>JCI Insight</i> , 2022, 7, .	2.3	18
2328	Electroacupuncture Alleviates LPS-Induced ARDS Through $\alpha$ 7 Nicotinic Acetylcholine Receptor-Mediated Inhibition of Ferroptosis. <i>Frontiers in Immunology</i> , 2022, 13, 832432.	2.2	17
2329	A novel prognostic model for predicting the mortality risk of patients with sepsis-related acute respiratory failure: a cohort study using the MIMIC-IV database. <i>Current Medical Research and Opinion</i> , 2022, , 1-26.	0.9	3
2330	Prone Positioning May Improve the Treatment of Diffuse Alveolar Hemorrhage and Severe Acute Respiratory Distress Syndrome (ARDS) Secondary to ANCA Associated Vasculitis: A Case Report. <i>Life</i> , 2022, 12, 235.	1.1	1
2331	IMPACT OF ANTIDIABETIC DRUGS ON RISK AND OUTCOME OF COVID-19 INFECTION: A REVIEW. <i>Military Medical Science Letters (Vojenske Zdravotnicke Listy)</i> , 2022, 91, 140-160.	0.2	4
2332	Veno-venous extracorporeal membrane oxygenation (vv-ECMO) for severe respiratory failure in adult cancer patients: a retrospective multicenter analysis. <i>Intensive Care Medicine</i> , 2022, 48, 332-342.	3.9	25
2333	Oxygen therapy limiting peripheral oxygen saturation to 89-93% is associated with a better survival prognosis for critically ill COVID-19 patients at high altitudes. <i>Respiratory Physiology and Neurobiology</i> , 2022, 299, 103868.	0.7	2
2334	Invasive fungal infections in critically ill COVID-19 patients in a large tertiary university hospital in Israel. <i>Journal of Critical Care</i> , 2022, 69, 154004.	1.0	4
2335	Pathophysiology of coronavirus-19 disease acute lung injury. <i>Current Opinion in Critical Care</i> , 2022, 28, 9-16.	1.6	46
2336	Arterial Blood Gases Interpretation: critical care nursesâ€™ knowledge and practices at a university hospital âˆ“ Kafr-elsheikh Governorate. <i>Egyptian Nursing Journal</i> , 2021, 18, 120.	0.4	1

#	ARTICLE	IF	CITATIONS
2337	Immunological and Hematological Response in COVID-19. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1352, 73-86.	0.8	1
2339	Good survival rate, moderate overall and good respirator quality of life, near normal pulmonary functions, and good return to work despite catastrophic economic costs 6 months following recovery from Acute Respiratory Distress Syndrome. <i>Lung India</i> , 2022, 39, 169.	0.3	0
2340	AdMSC-derived exosomes alleviate acute lung injury via transferring mitochondrial component to improve homeostasis of alveolar macrophages. <i>Theranostics</i> , 2022, 12, 2928-2947.	4.6	71
2342	Acute Hypoxaemic Respiratory Failure and Acute Respiratory Distress Syndrome. , 2022, , 149-163.		2
2346	PEEP Setting in ARDS. , 2022, , 187-197.		1
2350	Aeration Phenotype of Acute Respiratory Distress Syndrome: A Multicenter Prognostic Study Based on Automatic Quantitative Analysis of Chest CT. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
2351	Outcomes and Predictors of Severe Hyperoxemia in Patients Receiving Mechanical Ventilation: A Single-Center Cohort Study. <i>Annals of the American Thoracic Society</i> , 2022, , .	1.5	5
2352	A retrospective comparison of COVID-19 and seasonal influenza mortality and outcomes in the ICUs of a French university hospital. <i>European Journal of Anaesthesiology</i> , 2022, 39, 427-435.	0.7	6
2353	Choosing antibiotic therapy for severe community-acquired pneumonia. <i>Current Opinion in Infectious Diseases</i> , 2022, 35, 133-139.	1.3	16
2354	A cortactin CTTN coding SNP contributes to lung vascular permeability and inflammatory disease severity in African descent subjects. <i>Translational Research</i> , 2022, 244, 56-74.	2.2	6
2355	Corticosteroids for acute respiratory distress syndrome. <i>Academic Emergency Medicine</i> , 2022, 29, 255-256.	0.8	0
2356	Prognostic value of computed tomographic findings in acute respiratory distress syndrome and the response to prone positioning. <i>BMC Pulmonary Medicine</i> , 2022, 22, 71.	0.8	4
2357	Hospital Variation in Management and Outcomes of Acute Respiratory Distress Syndrome Due to COVID-19. , 2022, 10, e0638.		9
2358	Dichotomous Role of Tumor Necrosis Factor in Pulmonary Barrier Function and Alveolar Fluid Clearance. <i>Frontiers in Physiology</i> , 2021, 12, 793251.	1.3	16
2359	Definition of Acute Respiratory Distress Syndrome on the Plateau of Xining, Qinghai: A Verification of the Berlin Definition Altitude-PaO <sub>2</sub> /FIO <sub>2</sub> -Corrected Criteria. <i>Frontiers in Medicine</i> , 2022, 9, 648835.	1.2	1
2360	Emerging Roles and Mechanisms of lncRNA FOXD3-AS1 in Human Diseases. <i>Frontiers in Oncology</i> , 2022, 12, 848296.	1.3	9
2361	Investigating the Intercellular Communication Network of Immune Cell in Acute Respiratory Distress Syndrome with Sepsis. <i>Computational and Mathematical Methods in Medicine</i> , 2022, 2022, 1-10.	0.7	0
2362	A Retrospective Observational Study Exploring 30- and 90-Day Outcomes for Patients With COVID-19 After Percutaneous Tracheostomy and Gastrostomy Placement. <i>Critical Care Medicine</i> , 2022, Publish Ahead of Print, .	0.4	3

#	ARTICLE	IF	CITATIONS
2364	Association of Positive End-Expiratory Pressure and Lung Recruitment Selection Strategies with Mortality in Acute Respiratory Distress Syndrome: A Systematic Review and Network Meta-analysis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 205, 1300-1310.	2.5	37
2365	Human Umbilical Cord-Derived Mesenchymal Stem Cells Alleviate Acute Lung Injury Caused by Severe Burn via Secreting TSG-6 and Inhibiting Inflammatory Response. <i>Stem Cells International</i> , 2022, 2022, 1-12.	1.2	8
2366	Evaluation of an Injectable, Solid-State, Oxygen-Delivering Compound (Ox66) in a Rodent Model of Pulmonary Dysfunction-Induced Hypoxia. <i>Military Medicine</i> , 2023, 188, 1701-1707.	0.4	1
2367	Regional blood acidification inhibits coagulation during extracorporeal carbon dioxide removal (<scp>ECCO<sub>2</sub>R</scp>). <i>Artificial Organs</i> , 2022, 46, 1181-1191.	1.0	0
2368	RNA sequencing reveals the emerging role of bronchoalveolar lavage fluid exosome lncRNAs in acute lung injury. <i>PeerJ</i> , 2022, 10, e13159.	0.9	3
2369	High flow nasal catheter therapy versus non-invasive positive pressure ventilation in acute respiratory failure (RENOVATE trial): protocol and statistical analysis plan. <i>Critical Care and Resuscitation: Journal of the Australasian Academy of Critical Care Medicine</i> , 2022, 24, 61-70.	0.0	2
2370	Understanding the pathophysiology of typical acute respiratory distress syndrome and severe COVID-19. <i>Expert Review of Respiratory Medicine</i> , 2022, , 1-10.	1.0	12
2371	Cardiovascular subphenotypes in patients with <scp>COVID</scp> â€“19 pneumonitis whose lungs are mechanically ventilated: a singleâ€“centre retrospective observational study. <i>Anaesthesia</i> , 2022, , .	1.8	16
2372	Factors associated with early and late COVID-19 related deaths in Riyadh city, Saudi Arabia. <i>International Journal of Health Sciences</i> , 0, , 233-239.	0.0	0
2373	Impact of Reverse Triggering Dyssynchrony during Lung-Protective Ventilation on Diaphragm Function: An Experimental Model. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 205, 663-673.	2.5	14
2374	Is the Pao 2/Fio 2 Ratio in Acute Respiratory Distress Syndrome Another Source of Heterogeneity?*. <i>Critical Care Medicine</i> , 2022, 50, 703-705.	0.4	0
2375	Predictive factors and outcomes of severe community acquired pneumonia in patients with respiratory failure. <i>Pakistan Journal of Medical Sciences</i> , 2022, 38, .	0.3	0
2376	Mesenchymal Stem Cell-Secreted TGF-Î²1 Restores Treg/Th17 Skewing Induced by Lipopolysaccharide and Hypoxia Challenge via miR-155 Suppression. <i>Stem Cells International</i> , 2022, 2022, 1-14.	1.2	5
2377	Predictive Value of the Baseline and Early Changes in Blood Eosinophils for Short-Term Mortality in Patients with Acute Respiratory Distress Syndrome. <i>Journal of Inflammation Research</i> , 2022, Volume 15, 1845-1858.	1.6	3
2379	The effect of N6-methyladenosine (m6A) factors on the development of acute respiratory distress syndrome in the mouse model. <i>Bioengineered</i> , 2022, 13, 7622-7634.	1.4	17
2380	The role of acute hypercapnia on mortality and short-term physiology in patients mechanically ventilated for ARDS: a systematic review and meta-analysis. <i>Intensive Care Medicine</i> , 2022, 48, 517-534.	3.9	24
2381	Epidemiology, ventilation management and outcome in patients receiving intensive care after nonâ€“thoracic surgery â€“ Insights from the LAS VEGAS study. <i>Pulmonology</i> , 2022, 28, 90-98.	1.0	0
2382	Validation of an Electronic Phenotyping Algorithm for Patients With Acute Respiratory Failure. , 2022, 4, e0645.		1

#	ARTICLE	IF	CITATIONS
2383	Relationship between Mechanical Ventilation and Histological Fibrosis in Patients with Acute Respiratory Distress Syndrome Undergoing Open Lung Biopsy. <i>Journal of Personalized Medicine</i> , 2022, 12, 474.	1.1	3
2384	Antisynthetase syndrome sine myositis presenting as severe acute respiratory failure. <i>BMJ Case Reports</i> , 2022, 15, e248358.	0.2	0
2385	Severe and critical COVID-19 in a tertiary center in Colombia, a retrospective cross-sectional study. <i>BMC Infectious Diseases</i> , 2022, 22, 247.	1.3	6
2386	Survival benefit of extracorporeal membrane oxygenation in severe COVID-19: a multi-centre-matched cohort study. <i>Intensive Care Medicine</i> , 2022, 48, 467-478.	3.9	44
2388	Sevoflurane Dampens Acute Pulmonary Inflammation via the Adenosine Receptor A2B and Heme Oxygenase-1. <i>Cells</i> , 2022, 11, 1094.	1.8	4
2389	Lipopolysaccharide and ARDS caused by new coronavirus infection: hypotheses and facts. <i>Medical Immunology (Russia)</i> , 2022, 24, 7-18.	0.1	1
2390	Limitations of the ARDS criteria during high-flow oxygen or non-invasive ventilation: evidence from critically ill COVID-19 patients. <i>Critical Care</i> , 2022, 26, 55.	2.5	7
2391	The suppressive effects of Mer inhibition on inflammatory responses in the pathogenesis of LPS-induced ALI/ARDS. <i>Science Signaling</i> , 2022, 15, eabd2533.	1.6	12
2392	Early prone positioning in acute respiratory distress syndrome related to COVID-19: a propensity score analysis from the multicentric cohort COVID-ICU network—the ProneCOVID study. <i>Critical Care</i> , 2022, 26, 71.	2.5	14
2393	Clinical impact of ventilator-associated pneumonia in patients with the acute respiratory distress syndrome: a retrospective cohort study. <i>Annals of Intensive Care</i> , 2022, 12, 24.	2.2	3
2394	Arteriovenous shunt fraction as a marker for early diagnosis of acute respiratory distress syndrome against the background of cardiogenic pulmonary edema: a case report. <i>Cardiovascular Therapy and Prevention (Russian Federation)</i> , 2022, 21, 3112.	0.4	0
2395	Identification of phenotypes in paediatric patients with acute respiratory distress syndrome: a latent class analysis. <i>Lancet Respiratory Medicine</i> , 2022, 10, 289-297.	5.2	45
2396	Current status of treatment of acute respiratory failure in Korea. <i>Journal of the Korean Medical Association</i> , 2022, 65, 124-129.	0.1	1
2397	Inhibition of lung microbiota-derived proapoptotic peptides ameliorates acute exacerbation of pulmonary fibrosis. <i>Nature Communications</i> , 2022, 13, 1558.	5.8	16
2398	Acute Respiratory Distress Syndrome in Patients with Subarachnoid Hemorrhage: Incidence, Predictive Factors, and Impact on Mortality. <i>Interventional Neuroradiology</i> , 2023, 29, 189-195.	0.7	1
2399	The first step is recognizing there is a problem: a methodology for adjusting for variability in disease severity when estimating clinician performance. <i>BMC Medical Research Methodology</i> , 2022, 22, 69.	1.4	0
2401	A Nomogram for Predicting the Mortality of Patients with Acute Respiratory Distress Syndrome. <i>Journal of Healthcare Engineering</i> , 2022, 2022, 1-10.	1.1	1
2402	CD14-positive extracellular vesicles in bronchoalveolar lavage fluid as a new biomarker of acute respiratory distress syndrome. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2022, 322, L617-L624.	1.3	11

#	ARTICLE	IF	CITATIONS
2403	Acute respiratory distress syndrome. JAAPA: Official Journal of the American Academy of Physician Assistants, 2022, 35, 29-33.	0.1	4
2404	Diffuse alveolar haemorrhage as a rare complication of antiphospholipid syndrome. Respirology Case Reports, 2022, 10, e0948.	0.3	1
2405	A propensity score-matching analysis of angiotensin-converting enzyme inhibitor and angiotensin receptor blocker exposure on in-hospital mortality in patients with acute respiratory failure. Pharmacotherapy, 2022, 42, 387-396.	1.2	3
2407	Identification and Validation of Autophagy-Related Genes in Sepsis-Induced Acute Respiratory Distress Syndrome and Immune Infiltration. Journal of Inflammation Research, 2022, Volume 15, 2199-2212.	1.6	7
2408	Ghrelin pretreatment enhanced the protective effect of bone marrow-derived mesenchymal stem cell-conditioned medium on lipopolysaccharide-induced endothelial cell injury. Molecular and Cellular Endocrinology, 2022, 548, 111612.	1.6	5
2409	Clinical characteristics, physiological features, and outcomes associated with hypercapnia in patients with acute hypoxemic respiratory failure due to COVID-19--insights from the PRoVENT-COVID study. Journal of Critical Care, 2022, 69, 154022.	1.0	9
2410	Clinical characteristics, respiratory management, and determinants of oxygenation in COVID-19 ARDS: A prospective cohort study. Journal of Critical Care, 2022, 71, 154021.	1.0	14
2411	Considerations of invasive mechanical ventilation in prone position. A narrative review. Colombian Journal of Anesthesiology, 0, .	0.5	0
2412	Extracorporeal Membrane Oxygenation in Immunocompromised Patients With Acute Respiratory Distress Syndrome--A Retrospective Cohort Study. Frontiers in Medicine, 2021, 8, 755147.	1.2	1
2413	Survival of mechanically ventilated ward patients and association with organisational factors: a multicentre prospective study. BMJ Open, 2021, 11, e052462.	0.8	2
2415	Higher versus lower oxygenation targets in COVID-19 patients with severe hypoxaemia (HOT-COVID) trial: Protocol for a secondary Bayesian analysis. Acta Anaesthesiologica Scandinavica, 2022, 66, 408-414.	0.7	5
2416	COVID-19-associated acute respiratory distress syndrome versus classical acute respiratory distress syndrome (a narrative review). Iranian Journal of Microbiology, 2021, 13, 737-747.	0.8	10
2417	What Is Preparedness and Capacity of Intensive Care Service in Indonesia to Response to COVID-19? A Mixed-method Study. Open Access Macedonian Journal of Medical Sciences, 2020, 9, 1686-1694.	0.1	2
2418	Early Identification and Diagnostic Approach in Acute Respiratory Distress Syndrome (ARDS). Diagnostics, 2021, 11, 2307.	1.3	6
2419	Quantitative image analysis in COVID-19 acute respiratory distress syndrome: a cohort observational study.. F1000Research, 0, 10, 1266.	0.8	1
2420	N-Acetylcysteine in Mechanically Ventilated Rats with Lipopolysaccharide-Induced Acute Respiratory Distress Syndrome: The Effect of Intravenous Dose on Oxidative Damage and Inflammation. Biomedicine, 2021, 9, 1885.	1.4	5
2421	Polysalicylic Acid Polymer Microparticle Decoys Therapeutically Treat Acute Respiratory Distress Syndrome. Advanced Healthcare Materials, 2022, 11, 2101534.	3.9	6
2422	Xuebijing Injection Ameliorates H2S-Induced Acute Respiratory Distress Syndrome by Promoting Claudin-5 Expression. Chinese Journal of Integrative Medicine, 2022, 28, 116-123.	0.7	2

#	ARTICLE	IF	CITATIONS
2423	Netrin-1: A Modulator of Macrophage Driven Acute and Chronic Inflammation. <i>International Journal of Molecular Sciences</i> , 2022, 23, 275.	1.8	12
2424	Maintenance of low driving pressure in patients with early acute respiratory distress syndrome significantly affects outcomes. <i>Respiratory Research</i> , 2021, 22, 313.	1.4	1
2425	Inpatient Mortality Among Patients With Acute Respiratory Distress Syndrome at ECMO and Non-ECMO Centers in the United States. <i>American Surgeon</i> , 2021, , 000313482110635.	0.4	1
2426	Gut-Lung Crosstalk in Sepsis-Induced Acute Lung Injury. <i>Frontiers in Microbiology</i> , 2021, 12, 779620.	1.5	40
2427	Electrocardiographic QRS axis shift, rotation and COVID-19. <i>Nigerian Journal of Clinical Practice</i> , 2022, 25, 415.	0.2	0
2428	Endothelial cells of pulmonary origin display unique sensitivity to the bacterial endotoxin lipopolysaccharide. <i>Physiological Reports</i> , 2022, 10, e15271.	0.7	2
2429	Mechanical Ventilation Practices and Low Tidal Volume Ventilation in Air Medical Transport Patients: The AIR-VENT Study. <i>Respiratory Care</i> , 2022, 67, 647-656.	0.8	1
2430	Severity and Risk of Death Due to COVID 19. <i>Al Mustansiriyah Journal of Pharmaceutical Sciences</i> , 2022, 20, 1-12.	0.3	2
2431	Arbutin Alleviates LPS Induced Sepsis Pneumonia in Mice. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-8.	0.5	3
2432	When the Renal (Function) Begins to Fall: A Mini-Review of Acute Kidney Injury Related to Acute Respiratory Distress Syndrome in Critically Ill Patients. , 2022, 2, .		2
2433	Association between early tracheostomy and patient outcomes in critically ill patients on mechanical ventilation: a multicenter cohort study. <i>Journal of Intensive Care</i> , 2022, 10, 19.	1.3	12
2434	Patient characteristics, management and outcomes in a Nordic subset of the "Large observational study to understand the global impact of severe acute respiratory failure" (LUNG SAFE) study. <i>Acta Anaesthesiologica Scandinavica</i> , 2022, , .	0.7	2
2436	The Effect and Mechanism of Lipoxin A4 on Neutrophil Function in LPS-Induced Lung Injury. <i>Inflammation</i> , 2022, 45, 1950-1967.	1.7	3
2437	IPF-Acute Exacerbations: Advances and Future Perspectives. <i>Frontiers in Pharmacology</i> , 2022, 13, 836553.	1.6	2
2438	Stem Cell-based therapies for COVID-19-related acute respiratory distress syndrome. <i>Journal of Cellular and Molecular Medicine</i> , 2022, , .	1.6	1
2439	Senicapoc treatment in COVID-19 Patients with Severe Respiratory Insufficiency " A Randomized, Open-label , Phase II Trial. <i>Acta Anaesthesiologica Scandinavica</i> , 2022, , .	0.7	3
2440	Comparison of Clinical Features and Outcomes between SARS-CoV-2 and Non-SARS-CoV-2 Respiratory Viruses Associated Acute Respiratory Distress Syndrome: Retrospective Analysis. <i>Journal of Clinical Medicine</i> , 2022, 11, 2246.	1.0	6
2441	Long-term mortality and health-related quality of life of lower versus higher oxygenation targets in ICU patients with severe hypoxaemia. <i>Intensive Care Medicine</i> , 2022, 48, 714-722.	3.9	8



#	ARTICLE	IF	CITATIONS
2442	Janus, or the Inevitable Battle Between Too Much and Too Little Oxygen. <i>Antioxidants and Redox Signaling</i> , 2022, 37, 972-989.	2.5	7
2443	Mechanical Ventilation for COVID-19 Patients. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2022, 43, 405-416.	0.8	7
2444	Imatinib alleviates lung injury and prolongs survival in ventilated rats. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2022, 322, L866-L872.	1.3	2
2465	Melatonin attenuates LPS-induced pyroptosis in acute lung injury by inhibiting NLRP3-GSDMD pathway via activating Nrf2/HO-1 signaling axis. <i>International Immunopharmacology</i> , 2022, 109, 108782.	1.7	42
2466	Modeling Mechanical Ventilation In Silico—Potential and Pitfalls. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2022, 43, 335-345.	0.8	2
2467	Effects of the working experience, educational background, professional titles, and hospital grades of intensive care unit doctors on clinical glucocorticoid use in acute respiratory distress syndrome. <i>Medicine (United States)</i> , 2022, 101, e29021.	0.4	2
2468	Effect of Automated Closed-loop ventilation versus conventional Ventilation on duration and quality of ventilation in critically ill patients (ACTIVE) — study protocol of a randomized clinical trial. <i>Trials</i> , 2022, 23, 348.	0.7	4
2470	MicroRNA-363-3p/sphingosine-1-phosphate receptor 1 axis inhibits sepsis-induced acute lung injury via the inactivation of nuclear factor kappa-B ligand signaling. <i>Experimental Animals</i> , 2022, 71, 305-315.	0.7	1
2473	The Association Between Etiologies and Mortality in Acute Respiratory Distress Syndrome: A Multicenter Observational Cohort Study. <i>Frontiers in Medicine</i> , 2021, 8, 739596.	1.2	9
2474	Sepsis Disrupts Mitochondrial Function and Diaphragm Morphology. <i>Frontiers in Physiology</i> , 2021, 12, 704044.	1.3	9
2477	Acute lung injury secondary to hydrochloric acid instillation induces small airway hyperresponsiveness.. <i>American Journal of Translational Research (discontinued)</i> , 2021, 13, 12734-12741.	0.0	1
2478	Lung-borne systemic inflammation in mechanically ventilated infant rats due to high PEEP, oxygen, and hypocapnia.. <i>American Journal of Translational Research (discontinued)</i> , 2022, 14, 343-354.	0.0	0
2479	Epidemiological characteristics, baseline clinical features, and outcomes of critically ill patients treated in a coronavirus disease 2019 tertiary center in continental Croatia.. <i>Croatian Medical Journal</i> , 2022, 63, 6-15.	0.2	0
2480	Identifying ARDS using the Hierarchical Attention Network with Sentence Objectives Framework.. <i>AMIA ... Annual Symposium proceedings</i> , 2021, 2021, 823-832.	0.2	0
2481	Trends in Mortality, Treatment, and Costs of Management of Acute Respiratory Distress Syndrome in South Korea: Analysis of Data between 2010 and 2019. <i>Yonsei Medical Journal</i> , 2022, 63, 452.	0.9	4
2482	Intermediate tidal volume is an acceptable option for ventilated patients with acute respiratory distress syndrome. <i>Medicina Intensiva</i> , 2022, 46, 609-618.	0.4	2
2483	Immune Signature of COVID-19: In-Depth Reasons and Consequences of the Cytokine Storm. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4545.	1.8	11
2484	Dexmedetomidine Activates Akt, STAT6 and IRF4 Modulating Cytoprotection and Macrophage Anti-Inflammatory Phenotype Against Acute Lung Injury in vivo and in vitro. <i>Journal of Inflammation Research</i> , 2022, Volume 15, 2707-2720.	1.6	6



#	ARTICLE	IF	CITATIONS
2485	Expanding the utility of the ROX index among patients with acute hypoxemic respiratory failure. PLoS ONE, 2022, 17, e0261234.	1.1	3
2486	Effects of High-Resolution CT Changes on Prognosis Predictability in Acute Respiratory Distress Syndrome with Diffuse Alveolar Damage. Journal of Clinical Medicine, 2022, 11, 2458.	1.0	1
2487	A Single-Center PICU Present Status Survey of Pediatric Sepsis-Related Acute Respiratory Distress Syndrome. Pediatric Pulmonology, 2022, , .	1.0	3
2488	The Effect of Secondary Infections on Mortality in Patients with COVID-19 Associated Severe ARDS. T¼rk Yon Bakim Dernei Dergisi, 2022, .	0.1	0
2489	Real-Time Monitoring of Blood Parameters in the Intensive Care Unit: State-of-the-Art and Perspectives. Journal of Clinical Medicine, 2022, 11, 2408.	1.0	6
2490	The PANDORA Study: Prevalence and Outcome of Acute Hypoxemic Respiratory Failure in the Pre-COVID-19 Era. , 2022, 4, e0684.		9
2491	Prognostic Prediction Using the Clinical Data and Ultrasonics-Based Model in Acute Respiratory Distress Syndrome (ARDS) Combined with Acute Kidney Injury (AKI). International Journal of Clinical Practice, 2022, 2022, 1-8.	0.8	0
2492	Amioration de la survie grce  la cration dune unit rgionale multidisciplinaire doxygnation par membrane extracorporelle veino-veineuse : une tude de cohorte historique. Canadian Journal of Anaesthesia, 2022, 69, 859-867.	0.7	1
2493	Comparing Prone Positioning Use in COVID-19 Versus Historic Acute Respiratory Distress Syndrome. , 2022, 4, e0695.		9
2494	Venovenous extracorporeal membrane oxygenation in patients with acute covid-19 associated respiratory failure: comparative effectiveness study. BMJ, The, 2022, 377, e068723.	3.0	63
2495	Transbronchial lung biopsy versus transbronchial lung cryobiopsy in critically ill patients with undiagnosed acute hypoxemic respiratory failure: a comparative study. BMC Pulmonary Medicine, 2022, 22, 177.	0.8	3
2496	Impact of Initial Anticoagulation Targets on Bleeding and Thrombotic Complications for Patients with Acute Respiratory Distress Syndrome Receiving Extracorporeal Membrane Oxygenation. Journal of Cardiothoracic and Vascular Anesthesia, 2022, , .	0.6	1
2497	Nicotinamide mononucleotide ameliorates acute lung injury by inducing mitonuclear protein imbalance and activating the UPR<sup>mt</sup>. Experimental Biology and Medicine, 2022, 247, 1264-1276.	1.1	3
2498	Long-term exposure to ambient air pollution is associated with an increased incidence and mortality of acute respiratory distress syndrome in a large French region. Environmental Research, 2022, 212, 113383.	3.7	6
2499	Mucosal immune responses to infection and vaccination in the respiratory tract. Immunity, 2022, 55, 749-780.	6.6	66
2500	Extracorporeal Membrane Oxygenation for Severe Acute Respiratory Distress Syndrome Associated with COVID-19: An Emulated Target Trial Analysis. American Journal of Respiratory and Critical Care Medicine, 2022, 206, 281-294.	2.5	26
2501	Is obesity paradox valid for critically-ill COVID-19 patients with respiratory failure?. , 2022, 23, 268-276.		3
2502	Development and Validation of a Nomogram for Predicting the Risk of Coronavirus-Associated Acute Respiratory Distress Syndrome: A Retrospective Cohort Study. Infection and Drug Resistance, 2022, Volume 15, 2371-2381.	1.1	4

#	ARTICLE	IF	CITATIONS
2503	Lessons Learned From Rapid Deployment of 100% Mortality Review for Patients With COVID-19 Across a Health System. <i>American Journal of Medical Quality</i> , 2022, 37, 422-428.	0.2	1
2504	Recommended Reading from the East Carolina University Pulmonary, Critical Care and Sleep Medicine Fellows. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, , .	2.5	0
2505	Adipose-Derived Circulating Exosomes Promote Protection of the Pulmonary Endothelial Barrier by Inhibiting EndMT and Oxidative Stress through Down-Regulation of the TGF- $\beta$ 2 Pathway: A Potential Explanation for the Obesity Paradox in ARDS. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-25.	1.9	5
2506	The ROCK-ezrin signaling pathway mediates LPS-induced cytokine production in pulmonary alveolar epithelial cells. <i>Cell Communication and Signaling</i> , 2022, 20, 65.	2.7	7
2507	The Association Between Oxygenation Status at 24 h After Diagnosis of Pulmonary Acute Respiratory Distress Syndrome and the 30-Day Mortality among Pediatric Oncological Patients. <i>Frontiers in Pediatrics</i> , 2022, 10, .	0.9	0
2509	Peri-intubation Cardiovascular Collapse in Patients Who Are Critically Ill: Insights from the INTUBE Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 206, 449-458.	2.5	46
2510	Continuously protracted infusion of cisatracurium besilate in patients with ARDS. <i>Annals of Medicine and Surgery</i> , 2022, 77, .	0.5	1
2511	Hydnocarpin D attenuates lipopolysaccharide-induced acute lung injury via MAPK/NF- $\kappa$ B and Keap1/Nrf2/HO-1 pathway. <i>Phytomedicine</i> , 2022, 101, 154143.	2.3	16
2512	Low tidal volume ventilation is associated with mortality in COVID-19 patientsâ€™ Insights from the PRoVENT-COVID study. <i>Journal of Critical Care</i> , 2022, 70, 154047.	1.0	6
2513	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
2515	Secondary use of data extracted from a clinical information system to assess the adherence of tidal volume and its impact on outcomes. <i>Medicina Intensiva</i> , 2022, 46, 619-629.	0.4	3
2516	Machine learning based algorithms to impute PaO2 from SpO2 values and development of an online calculator. <i>Scientific Reports</i> , 2022, 12, 8235.	1.6	4
2518	Early short course of neuromuscular blocking agents in patients with COVID-19 ARDS: a propensity score analysis. <i>Critical Care</i> , 2022, 26, 141.	2.5	9
2519	MicroRNAs: Important Regulatory Molecules in Acute Lung Injury/Acute Respiratory Distress Syndrome. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5545.	1.8	12
2520	Serum human epididymis secretory protein 4 correlates with sepsis-associated acute respiratory distress syndrome and 28-day mortality in critically ill patients. <i>Annals of Clinical Biochemistry</i> , 2022, , 000456322211038.	0.8	1
2521	Intensive Care Unit- Acquired Weakness and Hospital Functional Mobility Outcomes Following Invasive Mechanical Ventilation in Patients with COVID-19: A Single-Centre Prospective Cohort Study. <i>Journal of Intensive Care Medicine</i> , 2022, 37, 1005-1014.	1.3	11
2524	High-Frequency Oscillatory Ventilation for Refractory Hypoxemia in Severe COVID-19 Pneumonia: A Small Case Series. <i>American Journal of Case Reports</i> , 0, 23, .	0.3	3
2525	Presence of comorbidities alters management and worsens outcome of patients with acute respiratory distress syndrome: insights from the LUNG SAFE study. <i>Annals of Intensive Care</i> , 2022, 12, .	2.2	7

#	ARTICLE	IF	CITATIONS
2526	Prone Position for Acute Respiratory Distress Syndrome and the Hazards of Meta-Analysis. SSRN Electronic Journal, 0, , .	0.4	0
2527	Hourly Analysis of Mechanical Ventilation Parameters in Critically Ill Adult Covid-19 Patients: Association with Mortality. Journal of Intensive Care Medicine, 0, , 088506662211054.	1.3	2
2528	Prone Positioning and Neuromuscular Blocking Agents as Adjunctive Therapies in Mechanically Ventilated Patients with Acute Respiratory Distress Syndrome. Seminars in Respiratory and Critical Care Medicine, 0, , .	0.8	2
2529	Epidemiology of mechanical ventilation in Argentina. The EpVAr multicenter observational study. Medicina Intensiva (English Edition), 2022, , .	0.1	1
2530	Ventilatory Ratio Is a Valuable Prognostic Indicator in an Observational Cohort of Patients With ARDS. Respiratory Care, 2022, 67, 1075-1081.	0.8	4
2531	Procedure Codes for Intubated Prone Positioning: A Turn for the Better. Annals of the American Thoracic Society, 0, , .	1.5	0
2532	The Alleviation of LPS-Induced Murine Acute Lung Injury by GSH-Mediated PEGylated Artesunate Prodrugs. Frontiers in Pharmacology, 2022, 13, .	1.6	7
2533	The Impact of Sample Size Misestimations on the Interpretation of ARDS Trials. Chest, 2022, 162, 1048-1062.	0.4	2
2534	Seventeen Years Is Too Long to Move From the ICU to the Emergency Department*. Critical Care Medicine, 2022, 50, 1032-1034.	0.4	0
2536	Evolution of Acute Respiratory Distress Syndrome in Emergency and Critical Care: Therapeutic Management before and during the Pandemic Situation. Medicina (Lithuania), 2022, 58, 726.	0.8	1
2537	COVID-19: A Review of the Pathophysiology, Clinical Presentation, and Management. Frontiers in Cell and Developmental Biology, 2022, 10, 822222.	0.4	0
2539	Pre-treatment with morphine prevents lipopolysaccharide-induced acute respiratory distress syndrome in rats via activation of opioid receptors. Experimental Cell Research, 2022, 418, 113224.	1.2	1
2540	Quantitative image analysis in COVID-19 acute respiratory distress syndrome: a cohort observational study.. F1000Research, 0, 10, 1266.	0.8	0
2541	Macrophage-Targeted Nanomedicines for ARDS/ALI: Promise and Potential. Inflammation, 2022, 45, 2124-2141.	1.7	10
2542	Optimizing nursing workload in the intensive care unit during the COVID-19 pandemic: Planning prone positioning. Trends in Anaesthesia and Critical Care, 2022, , .	0.4	1
2543	Relation of Ischemic Heart Disease to Outcomes in Patients With Acute Respiratory Distress Syndrome. American Journal of Cardiology, 2022, , .	0.7	0
2544	Qingfei Litan Decoction Against Acute Lung Injury/Acute Respiratory Distress Syndrome: The Potential Roles of Anti-Inflammatory and Anti-Oxidative Effects. Frontiers in Pharmacology, 2022, 13, .	1.6	4
2545	Current Development of Nano-Drug Delivery to Target Macrophages. Biomedicines, 2022, 10, 1203.	1.4	20

#	ARTICLE	IF	CITATIONS
2546	Hypoxia shapes the immune landscape in lung injury and promotes the persistence of inflammation. <i>Nature Immunology</i> , 2022, 23, 927-939.	7.0	21
2547	Comprehensive Analysis of Potential ceRNA Network and Different Degrees of Immune Cell Infiltration in Acute Respiratory Distress Syndrome. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	0
2548	Venovenous extracorporeal CO <sub>2</sub> removal to support ultraprotective ventilation in moderate-severe acute respiratory distress syndrome: A systematic review and meta-analysis of the literature. <i>Perfusion (United Kingdom)</i> , 0, , 026765912210962.	0.5	2
2549	Mitochondria and their potential role in acute lung injury (Review). <i>Experimental and Therapeutic Medicine</i> , 2022, 24, .	0.8	5
2550	Prone position in mechanically ventilated patients. <i>Intensive Care Medicine</i> , 2022, 48, 1062-1065.	3.9	14
2551	Salidroside attenuates sepsis-associated acute lung injury through PPP1R15A mediated endoplasmic reticulum stress inhibition. <i>Bioorganic and Medicinal Chemistry</i> , 2022, 71, 116865.	1.4	5
2552	Lung aeration, ventilation, and perfusion imaging. <i>Current Opinion in Critical Care</i> , 2022, 28, 302-307.	1.6	3
2553	MEF2 intervened LPS-induced acute lung injury by binding to KLF2 promoter and modulating macrophage phenotype. <i>International Immunopharmacology</i> , 2022, 108, 108873.	1.7	1
2555	Efficacy of low-dose corticosteroids in patients with acute respiratory distress syndrome: a prospective observational study. <i>Journal of Thoracic Disease</i> , 2021, .	0.6	0
2557	Viable Allogeneic Mitochondria Transplantation Improves Gas Exchange and Alveolar-Capillary Permeability in Rats with Endotoxin-Induced Acute Lung Injuries. <i>International Journal of Medical Sciences</i> , 2022, 19, 1036-1046.	1.1	1
2558	Development of receptor-based protein kinase C&beta; (PKC&beta;) pharmacophore model for the search of inhibitors with potential activity against acute respiratory distress syndrome (ARDS). <i>Biopolymers and Cell</i> , 2022, 37, 469-474.	0.1	0
2559	Management of Acute Respiratory Distress Syndrome in COVID-19 Patients. <i>Acta Anaesthesiologica Belgica</i> , 2022, 73, 5-14.	0.0	0
2560	A PosiÃ§Ã£o Prona e seus benefÃcios no tratamento da SÃndrome do Desconforto RespiratÃrio Agudo: uma revisÃo integrativa. <i>Journal of Education, Science and Health</i> , 2022, 2, .	0.1	0
2561	Pathogenesis of pneumonia and acute lung injury. <i>Clinical Science</i> , 2022, 136, 747-769.	1.8	53
2562	Driving pressure-guided ventilation decreases the mechanical power compared to predicted body weight-guided ventilation in the Acute Respiratory Distress Syndrome. <i>Critical Care</i> , 2022, 26, .	2.5	10
2563	Modeling current practices in critical care comparative effectiveness research. <i>Critical Care and Resuscitation: Journal of the Australasian Academy of Critical Care Medicine</i> , 2022, 24, 150-162.	0.0	1
2564	Early Physiologic Effects of Prone Positioning in COVID-19 Acute Respiratory Distress Syndrome. <i>Anesthesiology</i> , 2022, 137, 327-339.	1.3	12
2565	PTPÎ± promotes fibroproliferative responses after acute lung injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2022, 323, L69-L83.	1.3	3

#	ARTICLE	IF	CITATIONS
2566	Human lungs show limited permissiveness for SARS-CoV-2 due to scarce ACE2 levels but virus-induced expansion of inflammatory macrophages. <i>European Respiratory Journal</i> , 2022, 60, 2102725.	3.1	21
2567	Risk factors for acute respiratory distress syndrome in sepsis patients: a retrospective study from a tertiary hospital in China. <i>BMC Pulmonary Medicine</i> , 2022, 22, .	0.8	7
2568	Delayed neutrophil apoptosis may enhance NET formation in ARDS. <i>Respiratory Research</i> , 2022, 23, .	1.4	10
2569	Hyaluronic acid restored protein permeability across injured human lung microvascular endothelial cells. <i>FASEB BioAdvances</i> , 2022, 4, 619-631.	1.3	1
2570	A COMPARATIVE STUDY ON THE OUTCOMES OF MECHANICALLY VENTILATED COVID-19 VERSUS NON-COVID-19 PATIENTS WITH ACUTE RESPIRATORY DISTRESS SYNDROME AT TERTIARY CARE CENTRE AT SMS MEDICAL COLLEGE JAIPUR. <i>Asian Journal of Pharmaceutical and Clinical Research</i> , 0, , 81-82.	0.3	0
2571	Insights Regarding the Berlin Definition of ARDS from Prospective Observational Studies. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2022, 43, 379-389.	0.8	3
2572	Lipopolysaccharide-induced murine lung injury results in long-term pulmonary changes and downregulation of angiogenic pathways. <i>Scientific Reports</i> , 2022, 12, .	1.6	15
2573	The Impact of Chronic Medical Conditions on Mortality in Acute Respiratory Distress Syndrome. <i>Journal of Intensive Care Medicine</i> , 2023, 38, 78-85.	1.3	1
2574	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
2575	Value of Rox Index to Predict Intubation and Intensive Care Unit Outcome In Patients With Respiratory Failure. <i>Reviews on Recent Clinical Trials</i> , 2022, 17, 187-194.	0.4	0
2576	Potential Interaction Between Sepsis and Acute Respiratory Distress Syndrome and Effect on the 6-Month Clinical Outcomes: A Preliminary Secondary Analysis of a Prospective Observational Study. <i>Journal of Intensive Care Medicine</i> , 2023, 38, 60-69.	1.3	1
2577	Oliguria on the Day of Intubation Is Associated With Mortality in Patients With Acute Respiratory Distress Syndrome. , 2022, 4, e0717.		1
2578	Plasma Proprotein Convertase Subtilisin/kexin Type 9 (PCSK9) in the Acute Respiratory Distress Syndrome. <i>Frontiers in Medicine</i> , 0, 9, .	1.2	2
2579	Acute respiratory distress syndrome among patients with severe COVID-19 admitted to treatment center of Wollega University Referral Hospital, Western Ethiopia. <i>PLoS ONE</i> , 2022, 17, e0267835.	1.1	7
2580	Current Practice Review in the Management of Acute Respiratory Distress Syndrome. <i>Journal of Pharmacy Practice</i> , 0, , 089719002211087.	0.5	1
2581	Human Placental Mesenchymal Stem Cells for the Treatment of ARDS in Rat. <i>Stem Cells International</i> , 2022, 2022, 1-13.	1.2	3
2582	Reverse Triggering: An Introduction to Diagnosis, Management, and Pharmacologic Implications. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	1
2583	Lessons from SARS-CoV-2 and its variants (Review). <i>Molecular Medicine Reports</i> , 2022, 26, .	1.1	5

#	ARTICLE	IF	CITATIONS
2584	Safety, efficacy and biomarkers analysis of mesenchymal stromal cells therapy in ARDS: a systematic review and meta-analysis based on phase I and II RCTs. <i>Stem Cell Research and Therapy</i> , 2022, 13, .	2.4	2
2585	Circulating eNAMPT as a biomarker in the critically ill: acute pancreatitis, sepsis, trauma, and acute respiratory distress syndrome. <i>BMC Anesthesiology</i> , 2022, 22, .	0.7	8
2586	COVID-19 Lessons Learned: Prone Positioning With and Without Invasive Ventilation. <i>Respiratory Care</i> , 2022, 67, 1011-1021.	0.8	4
2587	Partition of respiratory mechanics in patients with acute respiratory distress syndrome and association with outcome: a multicentre clinical study. <i>Intensive Care Medicine</i> , 2022, 48, 888-898.	3.9	29
2588	Sepsis Management in Southeast Asia: A Review and Clinical Experience. <i>Journal of Clinical Medicine</i> , 2022, 11, 3635.	1.0	5
2589	ARDS clinical practice guideline 2021. <i>Respiratory Investigation</i> , 2022, 60, 446-495.	0.9	5
2590	Systematic review and meta-analysis of the correlation between bispectral index (<sc>BIS</sc>) and clinical sedation scales: Toward defining the role of <sc>BIS</sc> in critically ill patients. <i>Pharmacotherapy</i> , 2022, 42, 667-676.	1.2	13
2591	Classic Signaling Pathways in Alveolar Injury and Repair Involved in Sepsis-Induced ALI/ARDS: New Research Progress and Prospect. <i>Disease Markers</i> , 2022, 2022, 1-9.	0.6	14
2592	Outcome of post-traumatic acute respiratory distress syndrome in young patients requiring extracorporeal membrane oxygenation (ECMO). <i>Scientific Reports</i> , 2022, 12, .	1.6	3
2593	The myosin II inhibitor, blebbistatin, ameliorates pulmonary endothelial barrier dysfunction in acute lung injury induced by LPS via NMMHC IIA/Wnt5a/ $\beta$ -catenin pathway. <i>Toxicology and Applied Pharmacology</i> , 2022, 450, 116132.	1.3	5
2594	The Use of Nitric Oxide as a Rescue Modality for Severe Adult Acute Respiratory Distress Syndrome Patients, Including COVID-19, in Critical Care Rotor Transport: A Retrospective Community Outcome Study. <i>Air Medical Journal</i> , 2022, 41, 427-431.	0.3	2
2595	The WNK4/SPAK Pathway Stimulates Alveolar Fluid Clearance By Up-Regulation of Epithelial Sodium Channel In Mice with Lipopolysaccharide-Induced Acute Respiratory Distress Syndrome. <i>Shock</i> , 2022, Publish Ahead of Print, .	1.0	4
2596	Implementing change is a science. <i>Medicina Intensiva</i> , 2022, 46, 359-362.	0.4	0
2598	ACT001 suppressing M1 polarization against inflammation via NF- $\kappa$ B and STAT1 signaling pathways alleviates acute lung injury in mice. <i>International Immunopharmacology</i> , 2022, 110, 108944.	1.7	11
2599	Long term feasibility of ultraprotective lung ventilation with low-flow extracorporeal carbon dioxide removal in ARDS patients. <i>Journal of Critical Care</i> , 2022, 71, 154092.	1.0	3
2600	CircSLCO3A1 Depletion Ameliorates Lipopolysaccharide-Induced Inflammation and Apoptosis of Human Pulmonary Alveolar Epithelial Cells Through the miR-424-5p/HMGB3 Pathway. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
2601	Physiological effect of prone positioning in mechanically ventilated SARS-CoV-2- infected patients with severe ARDS: An observational study. <i>Journal of Anaesthesiology Clinical Pharmacology</i> , 2022, 38, 120.	0.2	1
2602	An alert tool to promote lung protective ventilation for possible acute respiratory distress syndrome. <i>JAMIA Open</i> , 2022, 5, .	1.0	0



#	ARTICLE	IF	CITATIONS
2603	Creation of an International Interprofessional Simulation-enhanced Mechanical Ventilation Course. <i>ATS Scholar</i> , 2022, 3, 270-284.	0.5	2
2604	Rest-Activity Rhythm Fragmentation and Weaker Circadian Strength Are Associated With Cognitive Impairment in Survivors of Acute Respiratory Failure. <i>Biological Research for Nursing</i> , 2023, 25, 5-13.	1.0	4
2605	Mechanical Ventilation during ECMO: Lessons from Clinical Trials and Future Prospects. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2022, 43, 417-425.	0.8	2
2606	Early spontaneous breathing for acute respiratory distress syndrome in individuals with COVID-19. <i>The Cochrane Library</i> , 2022, 2022, .	1.5	4
2607	Medical Management and Nursing Care of a Patient with Acute Respiratory Distress Syndrome. <i>BezmiÅclem Science</i> , 2022, 10, 392-397.	0.1	0
2608	Simulation-based Assessment to Measure Proficiency in Mechanical Ventilation among Residents. <i>ATS Scholar</i> , 2022, 3, 204-219.	0.5	2
2609	Effects of transthoracic echocardiography on the prognosis of patients with acute respiratory distress syndrome: a propensity score matched analysis of the MIMIC-III database. <i>BMC Pulmonary Medicine</i> , 2022, 22, .	0.8	1
2610	Stem Cells, Cell Therapies, and Bioengineering in Lung Biology and Disease 2021. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 0, , .	1.3	5
2611	Transthoracic echocardiography of patients in prone position ventilation during the COVID-19 pandemic: an observational and retrospective study. <i>International Journal of Cardiovascular Imaging</i> , 2022, 38, 2303-2309.	0.2	3
2612	Effect of Prone Positioning With Individualized Positive End-Expiratory Pressure in Acute Respiratory Distress Syndrome Using Electrical Impedance Tomography. <i>Frontiers in Physiology</i> , 0, 13, .	1.3	2
2613	Oxygen as an Essential Medicine. <i>Critical Care Clinics</i> , 2022, 38, 795-808.	1.0	4
2614	Asymmetrical Lung Injury: Management and Outcome. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2022, 43, 369-378.	0.8	2
2615	Effects of PEEP on regional ventilation-perfusion mismatch in the acute respiratory distress syndrome. <i>Critical Care</i> , 2022, 26, .	2.5	7
2616	Development and validation of a clinical risk model to predict the hospital mortality in ventilated patients with acute respiratory distress syndrome: a population-based study. <i>BMC Pulmonary Medicine</i> , 2022, 22, .	0.8	3
2617	Differential Protein Expression among Two Different Ovine ARDS Phenotypesâ€”A Preclinical Randomized Study. <i>Metabolites</i> , 2022, 12, 655.	1.3	1
2618	é†ç—†COVIDâ€“19ã«ãšãšã«ãf †ãf«ã,jæ³æµè;CEã@ã½±éÿjã“ã°ã¾4CEI¼šã~æ-½è“ã¾4CEæ-1è   -ç”ç©¶(Prognostic impact of delta va 2022, 33, 291-298.	0.0	1
2619	Advances in the Regulation of Macrophage Polarization by Mesenchymal Stem Cells and Implications for ALI/ARDS Treatment. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	16
2620	Influence of the Driving Pressure on Mortality in ARDS Patients with or without Abdominal Obesity: A Retrospective Cohort Study. <i>Contrast Media and Molecular Imaging</i> , 2022, 2022, 1-8.	0.4	0

#	ARTICLE	IF	CITATIONS
2621	Effects of Corilagin on Lipopolysaccharide-Induced Acute Lung Injury via Regulation of NADPH Oxidase 2 and ERK/NF- $\kappa$ B Signaling Pathways in a Mouse Model. <i>Biology</i> , 2022, 11, 1058.	1.3	2
2622	Heme oxygenase-1 protects against endotoxin-induced acute lung injury depends on NAD <sup>+</sup> -mediated mitonuclear communication through PGC1 $\beta$ /PPAR $\delta$ signaling pathway. <i>Inflammation Research</i> , 2022, 71, 1095-1108.	1.6	6
2623	Basic Modes of Mechanical Ventilation. <i>Emergency Medicine Clinics of North America</i> , 2022, 40, 473-488.	0.5	2
2624	Alternative adenosine Receptor activation: The netrin-Adora2b link. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	9
2625	COVID-19-Associated Lung Fibrosis: Two Pathways and Two Phenotypes, Lung Transplantation, and Antifibrotics. <i>Transplantology</i> , 2022, 3, 230-240.	0.3	1
2626	Hospital Variation in Mortality and Ventilator Management among Mechanically Ventilated Patients with ARDS. <i>Journal of Intensive Care Medicine</i> , 0, , 088506662211117.	1.3	0
2627	Pleural and transpulmonary pressures to tailor protective ventilation in children. <i>Thorax</i> , 2023, 78, 97-105.	2.7	3
2628	Extended prone positioning duration for COVID-19-related ARDS: benefits and detriments. <i>Critical Care</i> , 2022, 26, .	2.5	17
2629	Impact of tracheostomy in patients with severe acute respiratory syndrome due to coronavirus infection. <i>Romanian Journal of Rhinology</i> , 2022, 12, 124-128.	0.1	0
2630	Validation of Messenger Ribonucleic Acid Markers Differentiating Among Human Acute Respiratory Distress Syndrome Subgroups in an Ovine Model of Acute Respiratory Distress Syndrome Phenotypes. <i>Frontiers in Medicine</i> , 0, 9, .	1.2	2
2631	The Neutrophil-to-Lymphocyte Ratio is Associated with the Requirement and the Duration of Invasive Mechanical Ventilation in Acute Respiratory Distress Syndrome Patients: A Retrospective Study. <i>Canadian Respiratory Journal</i> , 2022, 2022, 1-9.	0.8	4
2632	Complications of invasive mechanical ventilation in critically ill Covid-19 patients - A narrative review. <i>Annals of Medicine and Surgery</i> , 2022, 80, .	0.5	4
2633	Nutritional support for successful weaning in patients undergoing prolonged mechanical ventilation. <i>Scientific Reports</i> , 2022, 12, .	1.6	7
2634	Exploring the Immunomodulatory Aspect of Mesenchymal Stem Cells for Treatment of Severe Coronavirus Disease 19. <i>Cells</i> , 2022, 11, 2175.	1.8	7
2635	Ventilatory settings in the initial 72h and their association with outcome in out-of-hospital cardiac arrest patients: a preplanned secondary analysis of the targeted hypothermia versus targeted normothermia after out-of-hospital cardiac arrest (TTM2) trial. <i>Intensive Care Medicine</i> , 2022, 48, 1024-1038.	3.9	31
2636	Enteral nutrition tolerance in patients receiving neuromuscular blockade. <i>Nutrition in Clinical Practice</i> , 2023, 38, 340-349.	1.1	1
2637	Elevated soluble death receptor 5 can predict poor prognosis in patients with acute respiratory distress syndrome. <i>Expert Review of Respiratory Medicine</i> , 2022, 16, 823-832.	1.0	1
2638	ARDS Clinical Practice Guideline 2021. <i>Journal of Intensive Care</i> , 2022, 10, .	1.3	24

#	ARTICLE	IF	CITATIONS
2639	Challenges to Provision of Adequate Medical Nutrition Therapy in a Critically Ill COVID-19 Patient Fed in the Prone Position. <i>Topics in Clinical Nutrition</i> , 2022, 37, 218-226.	0.2	0
2640	What Works in a Patient With Acute Respiratory Distress Syndrome?. , 2023, , 484-495.		0
2641	The Effects of Airway Pressure Release Ventilation on Pulmonary Permeability in Severe Acute Respiratory Distress Syndrome Pig Models. <i>Frontiers in Physiology</i> , 0, 13, .	1.3	3
2642	Myths and Misconceptions of Airway Pressure Release Ventilation: Getting Past the Noise and on to the Signal. <i>Frontiers in Physiology</i> , 0, 13, .	1.3	10
2643	Protective role of Cav-1 in pneumolysin-induced endothelial barrier dysfunction. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	3
2644	Salvianolic Acid A Protects against Lipopolysaccharide-Induced Acute Lung Injury by Inhibiting Neutrophil NETosis. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-15.	1.9	3
2645	Can iron, zinc, copper and selenium status be a prognostic determinant in COVID-19 patients?. <i>Environmental Toxicology and Pharmacology</i> , 2022, 95, 103937.	2.0	12
2646	Prognostic value of the novel P/FPE index to classify ARDS severity: A cohort study. <i>Medicina Intensiva</i> , 2022, , .	0.4	0
2647	Comparison of 2 different inhaled epoprostenol dosing strategies for acute respiratory distress syndrome in critically ill adults: Weight-based vs fixed-dose administration. <i>American Journal of Health-System Pharmacy</i> , 0, , .	0.5	2
2648	Artificial intelligence in acute respiratory distress syndrome: A systematic review. <i>Artificial Intelligence in Medicine</i> , 2022, 131, 102361.	3.8	8
2649	Acute Respiratory Distress Syndrome: Pathophysiology and Management. , 2021, 48, 289.		0
2651	MicroRNA-21 protects against sepsis-induced acute lung injury by targeting phosphatase and tensin homolog in mice. <i>European Journal of Inflammation</i> , 2022, 20, 1721727X2211209.	0.2	0
2653	Treatment for acute respiratory distress syndrome in adults: a narrative review of phase 2 and 3 trials. <i>Expert Opinion on Emerging Drugs</i> , 2022, 27, 187-209.	1.0	5
2654	Monitoring Lung Injury Severity and Ventilation Intensity during Mechanical Ventilation. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2022, 43, 346-368.	0.8	17
2655	Effect of prone positioning on gas exchange according to lung morphology in patients with acute respiratory distress syndrome. <i>Acute and Critical Care</i> , 0, , .	0.6	1
2656	PTPRO knockdown protects against inflammation in hemorrhage shock-induced lung injury involving the NF- $\kappa$ B signaling pathway. <i>Respiratory Research</i> , 2022, 23, .	1.4	4
2657	Characteristics of the degrees of severity of the course of acute intestinal infection in elderly patients with COVID-19. <i>ScienceRise: Medical Science</i> , 2022, , 31-37.	0.0	0
2658	Stelara struck: a case of noninfectious pneumonitis secondary to ustekinumab. <i>BMC Pulmonary Medicine</i> , 2022, 22, .	0.8	5

#	ARTICLE	IF	CITATIONS
2659	Interferon-Î² regulates proresolving lipids to promote the resolution of acute airway inflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	19
2661	Induction of severe hypoxemia and low lung recruitability for the evaluation of therapeutic ventilation strategies: a translational model of combined surfactant-depletion and ventilator-induced lung injury. <i>Intensive Care Medicine Experimental</i> , 2022, 10, .	0.9	2
2662	Peer review of quality of care: methods and metrics. <i>BMJ Quality and Safety</i> , 0, , bmjqs-2022-014985.	1.8	0
2663	Paradoxical Positioning: Does "Head Up" Always Improve Mechanics and Lung Protection?. <i>Critical Care Medicine</i> , 0, Publish Ahead of Print, .	0.4	9
2664	ACE2-like enzyme B38-CAP suppresses abdominal sepsis and severe acute lung injury. <i>PLoS ONE</i> , 2022, 17, e0270920.	1.1	2
2665	Recent advances of eosinophils and its correlated diseases. <i>Frontiers in Public Health</i> , 0, 10, .	1.3	7
2666	Impact of Time-Varying Intensity of Mechanical Ventilation on 28-Day Mortality Depends on Fluid Balance in Patients With Acute Respiratory Distress Syndrome: A Retrospective Cohort Study. <i>Frontiers in Medicine</i> , 0, 9, .	1.2	0
2667	Outcome and Post-Surgical Lung Biopsy Change in Management of ARDS: A Proportional Prevalence Meta-Analysis. <i>Advances in Respiratory Medicine</i> , 2022, 90, 267-278.	0.5	1
2668	Protective Effect of Galangin Methylation Modification Based on Cell Imaging on Inflammatory Lung Injury and Its Molecular Mechanism. <i>Contrast Media and Molecular Imaging</i> , 2022, 2022, 1-10.	0.4	1
2670	External validation and comparison of two delirium prediction models in patients admitted to the cardiac intensive care unit. <i>Frontiers in Cardiovascular Medicine</i> , 0, 9, .	1.1	1
2672	Advances in mesenchymal stromal cell therapy for acute lung injury/acute respiratory distress syndrome. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	2
2673	Early prediction of hospital outcomes in patients tracheostomized for complex mechanical ventilation weaning. <i>Annals of Intensive Care</i> , 2022, 12, .	2.2	2
2674	Progress in preclinical studies of macrophage autophagy in the regulation of ALI/ARDS. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	10
2675	Prognostic value of neutrophils to lymphocytes and platelets ratio for 28-day mortality in patients with acute respiratory distress syndrome: a retrospective study. <i>BMC Pulmonary Medicine</i> , 2022, 22, .	0.8	4
2676	Unshrinking the baby lung to calm the VILI vortex. <i>Critical Care</i> , 2022, 26, .	2.5	8
2677	Effects of Recruitment Maneuvers on Oxygenation and Intracranial Pressure in the Experimental ARDS Model. <i>Eurasian Journal of Medicine</i> , 2022, 54, 274-280.	0.2	1
2678	MiR-223-3p-loaded exosomes from bronchoalveolar lavage fluid promote alveolar macrophage autophagy and reduce acute lung injury by inhibiting the expression of STK39. <i>Human Cell</i> , 2022, 35, 1736-1751.	1.2	7
2679	Physical and psychological impairment in survivors of acute respiratory distress syndrome: a systematic review and meta-analysis. <i>British Journal of Anaesthesia</i> , 2022, 129, 801-814.	1.5	16

#	ARTICLE	IF	CITATIONS
2680	Critical Care Management Following Lung Transplantation. <i>Journal of Chest Surgery</i> , 2022, 55, 325-331.	0.2	0
2681	Neutrophil extracellular traps-triggered impaired autophagic flux via METTL3 underlies sepsis-associated acute lung injury. <i>Cell Death Discovery</i> , 2022, 8, .	2.0	27
2682	A clinically relevant model of acute respiratory distress syndrome in human-size swine. <i>DMM Disease Models and Mechanisms</i> , 2022, 15, .	1.2	2
2683	Factors Influencing the Implementation of Prone Positioning during the COVID-19 Pandemic: A Qualitative Study. <i>Annals of the American Thoracic Society</i> , 2023, 20, 83-93.	1.5	10
2684	Timing and Outcomes of Noninvasive Ventilation in 307 ARDS COVID-19 Patients: An Observational Study in an Italian Third Level COVID-19 Hospital. <i>Medicina (Lithuania)</i> , 2022, 58, 1104.	0.8	3
2685	Relationships between double cycling and inspiratory effort with diaphragm thickness during the early phase of mechanical ventilation: A prospective observational study. <i>PLoS ONE</i> , 2022, 17, e0273173.	1.1	2
2686	Role of prognostic scores in predicting in-hospital mortality and failure of non-invasive ventilation in adults with COVID-19. <i>Internal and Emergency Medicine</i> , 2022, 17, 2367-2377.	1.0	4
2688	Dekspantenol, SÄ±ĖŖanlarda LPS'nin Neden OlduĖyu Akut AkciĖyer HasarĖnda Artan VCAM-1 ve Kaspaz-3 EkspresyonlarĖnĖ Azaltarak Ėnflamasyonu ve Apoptozu Ėnhibe Eder. <i>Kocatepe Veteriner Dergisi</i> , 0, , .	0.2	0
2689	Brain-Lung Crosstalk: Management of Concomitant Severe Acute Brain Injury and Acute Respiratory Distress Syndrome. <i>Current Treatment Options in Neurology</i> , 2022, 24, 383-408.	0.7	7
2690	Adaptive Support Ventilation and Lung-Protective Ventilation in ARDS. <i>Respiratory Care</i> , 2022, 67, 1542-1550.	0.8	6
2691	Role of released mitochondrial DNA in acute lung injury. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	8
2692	In vivo molecular imaging stratifies rats with different susceptibilities to hyperoxic acute lung injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 0, , .	1.3	0
2693	Elevated plasma levels of Krebs von den Lungen-6 and geographic appearance on high-resolution computed tomography are associated with diffuse alveolar damage in autopsy cases of acute respiratory distress syndrome: a retrospective study. <i>BMC Pulmonary Medicine</i> , 2022, 22, .	0.8	0
2694	Suicide Risk in Survivors of Acute Respiratory Distress Syndrome: A Nationwide Cohort Study in South Korea. <i>Psychiatry Investigation</i> , 2022, 19, 646-653.	0.7	0
2695	Advances in the use of exosomes for the treatment of ALI/ARDS. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	15
2696	Extracorporeal carbon dioxide removal for acute respiratory failure: a review of potential indications, clinical practice and open research questions. <i>Intensive Care Medicine</i> , 2022, 48, 1308-1321.	3.9	8
2697	Using real-time visualization system for data-driven decision support to achieve lung protective strategy: a retrospective observational study. <i>Critical Care</i> , 2022, 26, .	2.5	0
2698	Clinical Utility of the Sivelestat for the Treatment of ALI/ARDS: Moving on in the Controversy?. <i>Intensive Care Research</i> , 2023, 3, 12-17.	0.2	8

#	ARTICLE	IF	CITATIONS
2699	Tumor Progression Locus 2 Protects against Acute Respiratory Distress Syndrome in Influenza A Virus-Infected Mice. <i>Microbiology Spectrum</i> , 0, , .	1.2	0
2700	lncRNA SNHG12 Inhibition Based on Microsystem Cell Imaging Technology Protects the Endothelium from LPS-Induced Inflammation by Inhibiting the Expression of miR-140-3p Target Gene <i>fnDC5</i> . <i>Contrast Media and Molecular Imaging</i> , 2022, 2022, 1-12.	0.4	0
2701	Fatal acute respiratory distress syndrome caused by blastomycosis after recent orthotopic liver transplantation in a non-endemic area. <i>Medical Mycology Case Reports</i> , 2022, 37, 37-40.	0.7	2
2702	Acute respiratory distress syndrome: causes, pathophysiology, and phenotypes. <i>Lancet</i> , The, 2022, 400, 1145-1156.	6.3	129
2703	Bibliometric analysis of global research trends on pyroptosis in lung disease. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	3
2704	Peripheral and respiratory muscle impairment during murine acute lung injury. <i>Physiological Reports</i> , 2022, 10, .	0.7	0
2705	Extracellular Vesicles Derived from Mesenchymal Stem Cells: A Potential Biodrug for Acute Respiratory Distress Syndrome Treatment. <i>BioDrugs</i> , 2022, 36, 701-715.	2.2	9
2706	Lower versus higher oxygenation targets in ICU patients with haematological malignancy – insights from the HOT-ICU trial. , 2022, 4, 100090.		0
2707	The Burden and Quality of life of Caregivers of Stroke Survivors with Cognitive Impairment in Selected Healthcare Facilities in Anambra State, Nigeria. <i>Gerontology and Geriatric Medicine</i> , 2022, 8, 233372142211263.	0.8	1
2709	Artificial intelligence-aided diagnosis model for acute respiratory distress syndrome combining clinical data and chest radiographs. <i>Digital Health</i> , 2022, 8, 205520762211203.	0.9	4
2711	Early Prone versus Supine Positioning in Moderate to Severe Coronavirus Disease 2019 Patients with Acute Respiratory Distress Syndrome. <i>Oman Medical Journal</i> , 0, , .	0.3	1
2712	Detecting of a Patient's Condition From Clinical Narratives Using Natural Language Representation. <i>IEEE Open Journal of Engineering in Medicine and Biology</i> , 2022, 3, 142-149.	1.7	6
2713	Noninvasive and invasive mechanical ventilation for neurologic disorders. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2022, , 361-386.	1.0	2
2714	Jinhua Qinggan granules attenuates acute lung injury by promotion of neutrophil apoptosis and inhibition of TLR4/MyD88/NF- $\kappa$ B pathway. <i>Journal of Ethnopharmacology</i> , 2023, 301, 115763.	2.0	15
2715	Early ICU Mortality Prediction for Respiratory Failure by A Regression-Based Hazard Markov Model. , 2022, , .		0
2716	Improvement of an interobserver agreement of ARDS diagnosis by adding additional imaging and a confidence scale. <i>Frontiers in Medicine</i> , 0, 9, .	1.2	5
2717	Analysis of the risk factors for severe lung injury after radical surgery for tetralogy of fallot. <i>Frontiers in Surgery</i> , 0, 9, .	0.6	2
2718	Dynamic evaluation of the pulmonary protective effects of prone position ventilation via respiratory mechanics for patients with moderate to severe acute respiratory distress syndrome. <i>Journal of Thoracic Disease</i> , 2022, 14, 2757-2770.	0.6	1



#	ARTICLE	IF	CITATIONS
2719	Pulse oximetry for the diagnosis and management of acute respiratory distress syndrome. <i>Lancet Respiratory Medicine</i> , 2022, 10, 1086-1098.	5.2	29
2720	The Renshen Chishao Decoction Could Ameliorate the Acute Lung Injury but Could Not Reduce the Neutrophil Extracellular Traps Formation. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-16.	0.5	0
2721	Lumican is elevated in the lung in human and experimental acute respiratory distress syndrome and promotes early fibrotic responses to lung injury. <i>Journal of Translational Medicine</i> , 2022, 20, .	1.8	10
2722	Circulating Myeloid Cell-derived Extracellular Vesicles as Mediators of Indirect Acute Lung Injury. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 0, , .	1.4	1
2723	Do Thresholds for Invasive Ventilation in Hypoxemic Respiratory Failure Exist? A Cohort Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2023, 207, 271-282.	2.5	14
2726	Incidence of death or disability at 6 months after extracorporeal membrane oxygenation in Australia: a prospective, multicentre, registry-embedded cohort study. <i>Lancet Respiratory Medicine</i> , 2022, 10, 1038-1048.	5.2	8
2727	Effect of Helmet Noninvasive Ventilation vs Usual Respiratory Support on Mortality Among Patients With Acute Hypoxemic Respiratory Failure Due to COVID-19. <i>JAMA - Journal of the American Medical Association</i> , 2022, 328, 1063.	3.8	26
2728	Identification of early biomarkers of transcriptomics in alveolar macrophage for the prognosis of intubated ARDS patients. <i>BMC Pulmonary Medicine</i> , 2022, 22, .	0.8	1
2729	Protective ventilation in a pig model of acute lung injury: timing is as important as pressure. <i>Journal of Applied Physiology</i> , 2022, 133, 1093-1105.	1.2	7
2730	Effects of different doses of methylprednisolone therapy on acute respiratory distress syndrome: results from animal and clinical studies. <i>BMC Pulmonary Medicine</i> , 2022, 22, .	0.8	2
2731	Addressing the inequity of acute respiratory distress syndrome. <i>Lancet Respiratory Medicine</i> , 2023, 11, 119-121.	5.2	1
2732	Testing oxygenated microbubbles via intraperitoneal and intrathoracic routes on a large pig model of LPS-induced acute respiratory distress syndrome. <i>Physiological Reports</i> , 2022, 10, .	0.7	4
2733	Letter to the editor regarding the article "Mesenchymal stromal (stem) cell therapy modulates miR-193b-5p expression to attenuate sepsis-induced acute lung injury". <i>European Respiratory Journal</i> , 0, , 2200694.	3.1	0
2734	Update on Extracellular Vesicle-Based Vaccines and Therapeutics to Combat COVID-19. <i>International Journal of Molecular Sciences</i> , 2022, 23, 11247.	1.8	7
2735	Mesenchymal stromal cells alleviate acute respiratory distress syndrome through the cholinergic anti-inflammatory pathway. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, .	7.1	13
2736	Molecular mechanisms of muscular and non-muscular actions of neuromuscular blocking agents in critical illness: a narrative review. <i>British Journal of Anaesthesia</i> , 2023, 130, 39-50.	1.5	2
2737	Regulation of cGAS Activity and Downstream Signaling. <i>Cells</i> , 2022, 11, 2812.	1.8	7
2738	Outcome Comparison of Acute Respiratory Distress Syndrome (ARDS) in Patients with Trauma-Associated and Non-Trauma-Associated ARDS: A Retrospective 11-Year Period Analysis. <i>Journal of Clinical Medicine</i> , 2022, 11, 5734.	1.0	3

#	ARTICLE	IF	CITATIONS
2739	Prevalence and impact of early prone position on 30-day mortality in mechanically ventilated patients with COVID-19: a nationwide cohort study. <i>Critical Care</i> , 2022, 26, .	2.5	6
2740	Advances in Ventilator Management for Patients with Acute Respiratory Distress Syndrome. <i>Clinics in Chest Medicine</i> , 2022, 43, 499-509.	0.8	4
2741	Prone position improves ventilation-perfusion mismatch in patients with severe acute respiratory distress syndrome. <i>Medicina Intensiva (English Edition)</i> , 2023, 47, 175-178.	0.1	1
2742	Focus on long non-coding RNA MALAT1: Insights into acute and chronic lung diseases. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	8
2743	A 30-day Survival and Safety of Percutaneous Tracheostomy in Moderate-to-severe COVID-19 Pneumonia Patients: A Single-centre Experience. <i>Indian Journal of Critical Care Medicine</i> , 2022, 26, 1120-1125.	0.3	0
2744	The Rise of the Machines: Why the future lies with less injurious adaptive ventilation strategies. <i>Journal of Mechanical Ventilation</i> , 2022, 3, 106-108.	0.1	0
2746	Hydroxychloroquine, azithromycin and methylprednisolone and in hospital survival in severe COVID-19 pneumonia. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	1
2747	Factors associated with in-hospital mortality of patients admitted to an intensive care unit in a tertiary hospital in Malawi. <i>PLoS ONE</i> , 2022, 17, e0273647.	1.1	1
2748	The prognostic value of early measures of the ventilatory ratio in the ARDS ROSE trial. <i>Critical Care</i> , 2022, 26, .	2.5	5
2749	Utility of Pulse Oximetry Oxygen Saturation (SpO <sub>2</sub> ) with incorporation of Positive End-Expiratory Pressure (SpO <sub>2</sub> $\times$ $\frac{PEEP}{P_{aO_2}}$ ) Tj ETQq1 1 0.784314 rgBT /Overload for Classification and Prognostication of Patients with Acute Respiratory Distress Syndrome. <i>Critical Care Research and Practice</i> , 2022, 2022, 1-10.	0.4	1
2750	The impact of reduction in intensity of mechanical ventilation upon venovenous ECMO initiation on radiographically assessed lung edema scores: A retrospective observational study. <i>Frontiers in Medicine</i> , 0, 9, .	1.2	1
2752	Neuromuscular Blockade in the Pre- and COVID-19 ARDS Patients. <i>Journal of Personalized Medicine</i> , 2022, 12, 1538.	1.1	7
2753	Taraxasterol Inhibits Hyperactivation of Macrophages to Alleviate the Sepsis-induced Inflammatory Response of ARDS Rats. <i>Cell Biochemistry and Biophysics</i> , 2022, 80, 763-770.	0.9	1
2754	Therapeutic Benefits of Mesenchymal Stem Cells in Acute Respiratory Distress Syndrome: Potential Mechanisms and Challenges. <i>Journal of Inflammation Research</i> , 0, Volume 15, 5235-5246.	1.6	3
2755	Opportunities for improved clinical trial designs in acute respiratory distress syndrome. <i>Lancet Respiratory Medicine</i> , the, 2022, 10, 916-924.	5.2	15
2756	PET imaging of neutrophil elastase with <sup>11</sup> C-GW457427 in Acute Respiratory Distress Syndrome in pigs. <i>Journal of Nuclear Medicine</i> , 0, , jnumed.122.264306.	2.8	1
2758	Prone Positioning for Acute Hypoxemic Respiratory Failure and ARDS. <i>Chest</i> , 2023, 163, 332-340.	0.4	6
2759	Dexamethasone for the treatment of acute respiratory distress syndrome: A systematic review and meta-analysis. <i>Medicine (United States)</i> , 2022, 101, e30195.	0.4	3

#	ARTICLE	IF	CITATIONS
2760	What the <i>American Journal of Critical Care</i> Junior Peer Reviewers Were Reading During Year 2 of the Program. <i>American Journal of Critical Care</i> , 2022, 31, 425-430.	0.8	0
2761	Post-Transplant and In-Hospital Risk Factors for ARDS After Hematopoietic Stem Cell Transplantation. <i>Respiratory Care</i> , 2023, 68, 77-86.	0.8	2
2762	Interventions to Optimize Survival and Recovery in Patients with ARDS. <i>AACN Advanced Critical Care</i> , 2022, 33, 245-246.	0.6	0
2763	Disparities in Lung-Protective Ventilation in the United States. <i>Cureus</i> , 2022, , .	0.2	0
2764	Mechanical ventilation in acute brain injury patients with acute respiratory distress syndrome. <i>Frontiers in Medicine</i> , 0, 9, .	1.2	2
2765	Acute respiratory distress syndrome in adults: diagnosis, outcomes, long-term sequelae, and management. <i>Lancet, The</i> , 2022, 400, 1157-1170.	6.3	78
2766	Psychological Morbidity After COVID-19 Critical Illness. <i>Chest</i> , 2023, 163, 139-147.	0.4	5
2767	A Comparison of Midazolam and Propofol for Deep Sedation in Patients with Acute Respiratory Distress Syndrome Requiring Neuromuscular Blocking Agents. <i>Journal of Pharmacy Practice</i> , 2024, 37, 271-278.	0.5	0
2768	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. <i>Thorax</i> , 2023, 78, 767-774.	2.7	3
2769	Prone positioning in ARDS patients supported with VV ECMO, what we should explore?. <i>Journal of Intensive Care</i> , 2022, 10, .	1.3	0
2770	The mitochondrial calcium uniporter of pulmonary type 2 cells determines severity of acute lung injury. <i>Nature Communications</i> , 2022, 13, .	5.8	7
2771	MiR-9a-5p alleviates ventilator-induced lung injury in rats by inhibiting the activation of the MAPK signaling pathway via CXCR4 expression downregulation. <i>International Immunopharmacology</i> , 2022, 112, 109288.	1.7	1
2772	Anti-inflammatory and anti-oxidant properties of <i>Ipomoea nil</i> (Linn.) Roth significantly alleviates cigarette smoke (CS)-induced acute lung injury via possibly inhibiting the NF- $\kappa$ B pathway. <i>Biomedicine and Pharmacotherapy</i> , 2022, 155, 113267.	2.5	5
2773	Physicians' attitudes and perceptions of neuromuscular blocker infusions in ARDS. <i>Journal of Critical Care</i> , 2022, 72, 154165.	1.0	2
2774	6. Diagnosis and Treatment of ARDS. <i>The Journal of the Japanese Society of Internal Medicine</i> , 2021, 110, 1945-1950.	0.0	0
2775	Epidemiology and ventilation characteristics of confirmed cases of severe COVID-19 pneumonia admitted in intensive care unit (EPIC19): A multicentre observational study. <i>Indian Journal of Anaesthesia</i> , 2022, 66, 724.	0.3	4
2777	Dual Role of Extracellular Vesicles in Sepsis-Associated Kidney and Lung Injury. <i>Biomedicines</i> , 2022, 10, 2448.	1.4	2
2778	Association of the C-terminal 42-peptide fragment of alpha-1 antitrypsin with the severity of ARDS: A pilot study. <i>Clinical Biochemistry</i> , 2022, , .	0.8	1

#	ARTICLE	IF	CITATIONS
2779	Deep Learning Chest CT for Clinically Precise Prediction of Sepsis-Induced Acute Respiratory Distress Syndrome: A Protocol for an Observational Ambispective Cohort Study. <i>Healthcare (Switzerland)</i> , 2022, 10, 2150.	1.0	1
2780	Non-invasive ventilation for acute hypoxemic respiratory failure, including COVID-19. <i>Journal of Intensive Medicine</i> , 2023, 3, 11-19.	0.8	3
2781	Early identification of acute respiratory distress syndrome in times of the COVID-19 pandemic. <i>Journal of Intensive Medicine</i> , 2022, , .	0.8	0
2782	Conservative oxygen therapy in critically ill and perioperative period of patients with sepsis-associated encephalopathy. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	2
2783	Serial Measurements of Protein Biomarkers in Sepsis-Induced Acute Respiratory Distress Syndrome. , 2022, 4, e0780.		1
2784	New mechanism for mesenchymal stem cell microvesicle to restore lung permeability: intracellular S1P signaling pathway independent of S1P receptor-1. <i>Stem Cell Research and Therapy</i> , 2022, 13, .	2.4	5
2786	Association between active cytomegalovirus infection and lung fibroproliferation in adult patients with acute respiratory distress syndrome: a retrospective study. <i>BMC Infectious Diseases</i> , 2022, 22, .	1.3	1
2787	Ventilatory Parameters in Obstetric Patients With COVID-19 and Impact of Delivery. <i>Chest</i> , 2023, 163, 554-566.	0.4	6
2788	Biological Effects of Intravenous Vitamin C on Neutrophil Extracellular Traps and the Endothelial Glycocalyx in Patients with Sepsis-Induced ARDS. <i>Nutrients</i> , 2022, 14, 4415.	1.7	12
2789	Receptor for Advanced Glycation End-Products Promotes Activation of Alveolar Macrophages through the NLRP3 Inflammasome/TXNIP Axis in Acute Lung Injury. <i>International Journal of Molecular Sciences</i> , 2022, 23, 11659.	1.8	4
2790	Pharmacologic therapies of ARDS: From natural herb to nanomedicine. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	4
2791	Association of early dexamethasone therapy with mortality in critically ill COVID-19 patients: a French multicenter study. <i>Annals of Intensive Care</i> , 2022, 12, .	2.2	5
2792	GSDMD-mediated NETosis promotes the development of acute respiratory distress syndrome. <i>European Journal of Immunology</i> , 2023, 53, .	1.6	12
2793	circEXOC5 promotes acute lung injury through the PTBP1/Skp2/Runx2 axis to activate autophagy. <i>Life Science Alliance</i> , 2023, 6, e202201468.	1.3	3
2794	Air pollution in Bishkek, Kyrgyzstan: Driving factors and state response. , 2022, 1, .		1
2795	A Comprehensive Review of the Management of Acute Respiratory Distress Syndrome. <i>Cureus</i> , 2022, , .	0.2	3
2796	Negative-pressure-assisted ventilation lowers driving pressure and mechanical power in an ARDS model. <i>Journal of Applied Physiology</i> , 2022, 133, 1237-1249.	1.2	5
2797	Multiple Layers of Care and Risk. , 2022, 1, 100115.		0

#	ARTICLE	IF	CITATIONS
2798	The role of lung macrophages in acute respiratory distress syndrome. <i>Inflammation Research</i> , 2022, 71, 1417-1432.	1.6	17
2799	RNA-Sequencing approach for exploring the therapeutic effect of umbilical cord mesenchymal stem/stromal cells on lipopolysaccharide-induced acute lung injury. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	6
2801	Regulating Function of miR-146a Derived from Bone Marrow Mesenchymal Stem Cell (BMSC) in Acute Lung Injury. <i>Journal of Biomaterials and Tissue Engineering</i> , 2022, 12, 2300-2306.	0.0	0
2802	Increased Longevity of a Novel Gas Exchanger System for Low-Flow Veno-Venous Extracorporeal CO <sub>2</sub> Removal in Acute Hypercapnic Respiratory Failure. <i>Blood Purification</i> , 2023, 52, 275-284.	0.9	0
2803	Trends in the Use of Sedative-Hypnotics, Opioids, and Neuromuscular Blockers in Hospitalized Patients During the COVID-19 Pandemic: Observational Retrospective Study. <i>Drugs - Real World Outcomes</i> , 2022, 9, 629-638.	0.7	1
2804	Use of radiolabeled hyaluronic acid for preclinical assessment of inflammatory injury and acute respiratory distress syndrome. <i>Nuclear Medicine and Biology</i> , 2022, 114-115, 86-98.	0.3	1
2805	Mefenidone ameliorates lipopolysaccharide-induced acute lung injury through inhibiting MAPK signaling pathway and enhancing Nrf2 pathway. <i>International Immunopharmacology</i> , 2022, 113, 109263.	1.7	3
2806	Kaempferol alleviates the inflammatory response and stabilizes the pulmonary vascular endothelial barrier in LPS-induced sepsis through regulating the SphK1/S1P signaling pathway. <i>Chemico-Biological Interactions</i> , 2022, 368, 110221.	1.7	8
2807	Study on the mechanism of anti-acute lung injury of Shuanghuanglian oral liquid based on identification of transitional components in blood and network pharmacology. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2022, 1212, 123498.	1.2	2
2808	Quercetin protects against LPS-induced lung injury in mice via SIRT1-mediated suppression of PKM2 nuclear accumulation. <i>European Journal of Pharmacology</i> , 2022, 936, 175352.	1.7	16
2809	The use of early neuromuscular blockage in acute respiratory distress syndrome: A systematic review and meta-analysis of randomized clinical trials. <i>Heart and Lung: Journal of Acute and Critical Care</i> , 2023, 57, 186-197.	0.8	1
2810	Extracorporeal membrane oxygenation in COVID-19 compared to other etiologies of acute respiratory failure: A single-center experience. <i>Heart and Lung: Journal of Acute and Critical Care</i> , 2023, 57, 243-249.	0.8	6
2811	Admission serum sodium and osmolality are not associated with the occurrence or outcomes of acute respiratory distress syndrome in critically ill. <i>Journal of Critical Care</i> , 2023, 73, 154179.	1.0	0
2812	The Metabolomics of Critical Illness. <i>Handbook of Experimental Pharmacology</i> , 2022, , .	0.9	0
2813	Subfenotipagem de doenças graves: onde medicina intensiva protocolizada e personalizada se encontram. <i>Revista Brasileira De Terapia Intensiva</i> , 2022, 34, .	0.1	0
2814	Clinical characteristics and outcomes in neonates with perinatal acute respiratory distress syndrome in China: a national, multicentre, cross-sectional study. <i>EClinicalMedicine</i> , 2023, 55, 101739.	3.2	4
2815	Total bilirubin is associated with all-cause mortality in patients with acute respiratory distress syndrome: a retrospective study. <i>Annals of Translational Medicine</i> , 2022, 10, 1160-1160.	0.7	2
2816	The protective effect of natural medicines against excessive inflammation and oxidative stress in acute lung injury by regulating the Nrf2 signaling pathway. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	6

#	ARTICLE	IF	CITATIONS
2817	Electrical impedance tomography for titration of positive end-expiratory pressure in acute respiratory distress syndrome patients with chronic obstructive pulmonary disease. <i>Critical Care</i> , 2022, 26, .	2.5	4
2818	Extracorporeal membrane oxygenation for immunocompromised children with acute respiratory distress syndrome: a French referral center cohort. <i>Minerva Pediatrics</i> , 2022, 74, .	0.2	2
2819	Right Ventricular Injury Increases Mortality in Patients With Acute Respiratory Distress Syndrome on Venovenous Extracorporeal Membrane Oxygenation: A Systematic Review and Meta-Analysis. <i>ASAIO Journal</i> , 2023, 69, e14-e22.	0.9	6
2820	Mesenchymal stromal cells as treatment for acute respiratory distress syndrome. Case Reports following hematopoietic cell transplantation and a review. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	5
2821	One hundred ECMO retrievals before and during the Covid-19 pandemic: an observational study. <i>Intensive and Critical Care Nursing</i> , 2023, 75, 103350.	1.4	6
2822	A reduced glycine-to-aurine ratio of conjugated serum bile acids signifies an adaptive mechanism and is an early marker of outcome in acute respiratory distress syndrome. <i>Internal and Emergency Medicine</i> , 2023, 18, 607-615.	1.0	1
2823	Extracorporeal carbon dioxide removal in acute hypoxaemic respiratory failure: a systematic review, Bayesian meta-analysis and trial sequential analysis. <i>European Respiratory Review</i> , 2022, 31, 220030.	3.0	1
2824	Intermediate tidal volume is an acceptable option for ventilated patients with acute respiratory distress syndrome. <i>Medicina Intensiva (English Edition)</i> , 2022, 46, 609-618.	0.1	0
2825	Prolonged Prone Position Ventilation Is Associated With Reduced Mortality in Intubated COVID-19 Patients. <i>Chest</i> , 2023, 163, 533-542.	0.4	16
2826	Experience of extracorporeal membrane oxygenation in a laboring woman with severe preeclampsia. , 2022, 21, 88-93.	0.0	0
2827	Case Fatality of Hospitalized Patients with COVID-19 Infection Suffering from Acute Respiratory Distress Syndrome in Germany. <i>Viruses</i> , 2022, 14, 2515.	1.5	3
2828	Nestin prevents mesenchymal stromal cells from apoptosis in LPS-induced lung injury via inhibition of unfolded protein response sensor IRE1 $\beta$ . , 2022, 1, 359-371.		3
2829	Epidemiology of Weaning From Invasive Mechanical Ventilation in Subjects With COVID-19. <i>Respiratory Care</i> , 2023, 68, 101-109.	0.8	3
2830	The Practice Change and Clinical Impact of Lung-Protective Ventilation Initiated in the Emergency Department: A Secondary Analysis of Individual Patient-Level Data From Prior Clinical Trials and Cohort Studies*. <i>Critical Care Medicine</i> , 2023, 51, 279-290.	0.4	3
2831	Secondary use of data extracted from a clinical information system to assess the adherence of tidal volume and its impact on outcomes. <i>Medicina Intensiva (English Edition)</i> , 2022, 46, 619-629.	0.1	0
2832	Delivery of Lung Protective Ventilation for Acute Respiratory Distress Syndrome: A Hybrid Implementation-Effectiveness Trial. <i>Annals of the American Thoracic Society</i> , 0, , .	1.5	4
2833	Prognostic value of the novel P/FPE index to classify ARDS severity: A cohort study. <i>Medicina Intensiva (English Edition)</i> , 2022, , .	0.1	0
2834	Effect of mechanical power on mortality in invasively ventilated ICU patients without the acute respiratory distress syndrome. <i>European Journal of Anaesthesiology</i> , 2023, 40, 21-28.	0.7	10



#	ARTICLE	IF	CITATIONS
2835	Personalized medicine using omics approaches in acute respiratory distress syndrome to identify biological phenotypes. <i>Respiratory Research</i> , 2022, 23, .	1.4	15
2836	Novel hybrid total artificial heart with integrated oxygenator. <i>Journal of Cardiac Surgery</i> , 0, , .	0.3	1
2837	Principles of Mechanical Ventilation. , 2022, , 19-35.		0
2838	Milonine attenuates the lipopolysaccharide-induced acute lung injury in mice by modulating the Akt/NF- $\kappa$ B signaling pathways. <i>Anais Da Academia Brasileira De Ciencias</i> , 2022, 94, .	0.3	0
2839	Piperlongumine mitigates LPS-induced inflammation and lung injury via targeting MD2/TLR4. <i>Biochemical and Biophysical Research Communications</i> , 2023, 642, 118-127.	1.0	3
2840	Kuqin ameliorates Lipopolysaccharide-induced acute lung injury by regulating indoleamine 2,3-dioxygenase 1 and Akkermansia muciniphila. <i>Biomedicine and Pharmacotherapy</i> , 2023, 158, 114073.	2.5	6
2841	Glycyrrhizin mitigates acute lung injury by inhibiting the NLRP3 inflammasome in vitro and in vivo. <i>Journal of Ethnopharmacology</i> , 2023, 303, 115948.	2.0	10
2842	Developing an explainable machine learning model to predict the mechanical ventilation duration of patients with ARDS in intensive care units. <i>Heart and Lung: Journal of Acute and Critical Care</i> , 2023, 58, 74-81.	0.8	11
2843	A narrative review of progress in the application of artificial intelligence in acute respiratory distress syndrome: subtypes and predictive models. <i>Annals of Translational Medicine</i> , 2023, 11, 128-128.	0.7	1
2844	Mechanical Ventilation in ARDS. , 2022, , 247-268.		87
2845	Mechanical Ventilation Strategies for Patients on Extracorporeal Membrane Oxygenation Support. , 2022, , 319-328.		0
2846	CORRELATION BETWEEN RED BLOOD CELL DISTRIBUTION WIDTHâ€™ TOâ€™PLATELET RATIO AND MORTALITY IN PATIENTS WITH ACUTE RESPIRATORY DISTRESS SYNDROME: A RETROSPECTIVE COHORT STUDY. <i>Shock</i> , 2022, 58, 498-506.	1.0	2
2847	The Pattern of Pediatric Acute Respiratory Distress Syndrome over 10 Years Period and Related Risk Factors of its Outcome Mortality. <i>Open Nursing Journal</i> , 2022, 16, .	0.2	0
2848	Long-term complications of prone position ventilation with relevance for acute and postacute rehabilitation: a systematic review of the literature. <i>European Journal of Physical and Rehabilitation Medicine</i> , 2023, 59, .	1.1	3
2849	Optimization of protective lung ventilation in thoracic surgery. <i>Innovative Medicine of Kuban</i> , 2022, , 32-38.	0.0	0
2850	Unilateral acute lung injury in pig: a promising animal model. <i>Journal of Translational Medicine</i> , 2022, 20, .	1.8	4
2852	MiR-199a-3p-regulated alveolar macrophage-derived secretory autophagosomes exacerbate lipopolysaccharide-induced acute respiratory distress syndrome. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 12, .	1.8	1
2853	Pulmonary Fibrosis as a Result of Acute Lung Inflammation: Molecular Mechanisms, Relevant In Vivo Models, Prognostic and Therapeutic Approaches. <i>International Journal of Molecular Sciences</i> , 2022, 23, 14959.	1.8	42

#	ARTICLE	IF	CITATIONS
2854	Impact of Prone Position in COVID-19 Patients on Extracorporeal Membrane Oxygenation*. Critical Care Medicine, 2023, 51, 36-46.	0.4	15
2855	Integrated metabolomics, network pharmacology and biological verification to reveal the mechanisms of Nauclea officinalis treatment of LPS-induced acute lung injury. Chinese Medicine, 2022, 17, .	1.6	4
2856	The longitudinal course of pediatric acute respiratory distress syndrome and its time to resolution: A prospective observational study. Frontiers in Pediatrics, 0, 10, .	0.9	0
2857	Ferulic acid alleviates alveolar epithelial barrier dysfunction in sepsis-induced acute lung injury by activating the Nrf2/HO-1 pathway and inhibiting ferroptosis. Pharmaceutical Biology, 2022, 60, 2286-2294.	1.3	23
2858	Homogenizing effect of PEEP on tidal volume distribution during neurally adjusted ventilatory assist: study of an animal model of acute respiratory distress syndrome. Respiratory Research, 2022, 23, .	1.4	2
2859	Effectiveness of Mesenchymal Stem Cell Therapy for COVID-19-Induced ARDS Patients: A Case Report. Medicina (Lithuania), 2022, 58, 1698.	0.8	5
2861	Diagnostic value of transpulmonary thermodilution measurements for acute respiratory distress syndrome in a pig model of septic shock. Journal of Translational Medicine, 2022, 20, .	1.8	1
2862	Impact of prone positioning duration on the outcome of patients receiving venovenous extracorporeal membrane oxygenation for acute respiratory distress syndrome: A meta-analysis. Heliyon, 2022, 8, e12320.	1.4	0
2863	Plasma TIMP-1 as a sex-specific biomarker for acute lung injury. Biology of Sex Differences, 2022, 13, .	1.8	3
2864	Clinical Course of Two Patients with COVID-19 Respiratory Failure After Administration of the Anticancer Small Molecule, RRx-001. International Medical Case Reports Journal, 0, Volume 15, 735-738.	0.3	2
2867	Deregulated RNAs involved in sympathetic regulation of sepsis-induced acute lung injury based on whole transcriptome sequencing. BMC Genomics, 2022, 23, .	1.2	2
2868	Loss of endothelial CFTR drives barrier failure and edema formation in lung infection and can be targeted by CFTR potentiation. Science Translational Medicine, 2022, 14, .	5.8	5
2869	Alveolus analysis: a web browser-based tool to analyze lung intravital microscopy. BMC Pulmonary Medicine, 2022, 22, .	0.8	0
2870	Mortality associated with acute respiratory distress syndrome, 2009-2019: a systematic review and meta-analysis. Critical Care and Resuscitation: Journal of the Australasian Academy of Critical Care Medicine, 2022, 24, 341-351.	0.0	1
2871	Spontaneous Breathing and Pendelluft in Patients with Acute Lung Injury: A Narrative Review. Journal of Clinical Medicine, 2022, 11, 7449.	1.0	3
2872	Costo-efectividad de la oxigenación con membrana extracorpórea en pacientes con síndrome de dificultad respiratoria aguda en Colombia. Biomedica, 2022, 42, 707-716.	0.3	1
2873	EVs vs. EVs: MSCs and Tregs as a source of invisible possibilities. Journal of Molecular Medicine, 2023, 101, 51-63.	1.7	5
2874	The calibration of esophageal pressure by proper esophageal balloon filling volume: A clinical study. Frontiers in Medicine, 0, 9, .	1.2	4

#	ARTICLE	IF	CITATIONS
2875	Mechanical ventilation in patients with cardiogenic pulmonary edema: a sub-analysis of the LUNG SAFE study. <i>Journal of Intensive Care</i> , 2022, 10, .	1.3	3
2876	Isoflurane vs. propofol for sedation in invasively ventilated patients with acute hypoxemic respiratory failure: an a priori hypothesis substudy of a randomized controlled trial. <i>Annals of Intensive Care</i> , 2022, 12, .	2.2	2
2877	Selective CB2 Receptor Agonist, HU-308, Reduces Systemic Inflammation in Endotoxin Model of Pneumonia-Induced Acute Lung Injury. <i>International Journal of Molecular Sciences</i> , 2022, 23, 15857.	1.8	4
2878	Performance of Noninvasive Airway Occlusion Maneuvers to Assess Lung Stress and Diaphragm Effort in Mechanically Ventilated Critically Ill Patients. <i>Anesthesiology</i> , 2023, 138, 274-288.	1.3	13
2879	Bacterial profiles and their antibiotic resistance background in superinfections caused by multidrug-resistant bacteria among COVID-19 ICU patients from southwest Iran. <i>Journal of Medical Virology</i> , 2023, 95, .	2.5	2
2880	PRISM III Score Predicts Short-Term Outcome in Children with ARDS on Conventional and High-Frequency Oscillatory Ventilation. <i>Children</i> , 2023, 10, 14.	0.6	1
2881	Understanding clinical and biological heterogeneity to advance precision medicine in paediatric acute respiratory distress syndrome. <i>Lancet Respiratory Medicine</i> , 2023, 11, 197-212.	5.2	4
2882	Using machine learning for the early prediction of sepsis-associated ARDS in the ICU and identification of clinical phenotypes with differential responses to treatment. <i>Frontiers in Physiology</i> , 0, 13, .	1.3	10
2883	Hypothesis-driven modeling of the human lung-ventilator system: A characterization tool for Acute Respiratory Distress Syndrome research. <i>Journal of Biomedical Informatics</i> , 2023, 137, 104275.	2.5	3
2884	Effect of a systematic lung-protective protocol for COVID-19 pneumonia requiring invasive ventilation: A single center retrospective study. <i>PLoS ONE</i> , 2023, 18, e0267339.	1.1	0
2885	<i>Intensivmedizin.</i> , 2022, , 993-1073.		0
2887	Evaluation of Endocan as a Treatment for Acute Inflammatory Respiratory Failure. <i>Cells</i> , 2023, 12, 257.	1.8	0
2888	Novel models for early prediction and prevention of acute respiratory distress syndrome in patients following hepatectomy: A clinical translational study based on 1,032 patients. <i>Frontiers in Medicine</i> , 0, 9, .	1.2	1
2889	Clinical characteristics and outcomes of critically ill coronavirus disease 2019 patients in Malaysia during the first wave: A multi-center observational study (COVIDICU-MY). <i>Frontiers in Medicine</i> , 0, 9, .	1.2	0
2890	<i>Inula japonica</i> ameliorated the inflammation and oxidative stress in LPS-induced acute lung injury through the MAPK/NF- $\kappa$ B and Keap1/Nrf2 signalling pathways. <i>Journal of Pharmacy and Pharmacology</i> , 2023, 75, 287-299.	1.2	6
2891	Alarmins and MicroRNAs, a New Axis in the Genesis of Respiratory Diseases: Possible Therapeutic Implications. <i>International Journal of Molecular Sciences</i> , 2023, 24, 1783.	1.8	5
2892	siRNA-Mediated Timp1 Silencing Inhibited the Inflammatory Phenotype during Acute Lung Injury. <i>International Journal of Molecular Sciences</i> , 2023, 24, 1641.	1.8	2
2893	Inhibition of gp130 alleviates LPS-induced lung injury by attenuating apoptosis and inflammation through JAK1/STAT3 signaling pathway. <i>Inflammation Research</i> , 2023, 72, 493-507.	1.6	4



#	ARTICLE	IF	CITATIONS
2914	Research Progress on Phenotypic Classification of Acute Respiratory Distress Syndrome: A Narrative Review. <i>International Journal of General Medicine</i> , 0, Volume 15, 8767-8774.	0.8	2
2916	Pathophysiology and Clinical Meaning of Ventilation-Perfusion Mismatch in the Acute Respiratory Distress Syndrome. <i>Biology</i> , 2023, 12, 67.	1.3	1
2917	The Risk Factors for Mortality among Septic Trauma Patients: A Retrospective Cohort Study Using the National Trauma Data Bank. <i>Emergency Medicine International</i> , 2022, 2022, 1-9.	0.3	0
2918	Helmet noninvasive ventilation in acute hypoxic respiratory failure. <i>Current Opinion in Critical Care</i> , 2023, 29, 8-13.	1.6	0
2919	An appraisal of the methodology and quality of evidence of systematic reviews on the efficacy of prone positional ventilation in adult patients with acute respiratory distress syndrome: an umbrella review. <i>Internal and Emergency Medicine</i> , 0, , .	1.0	0
2920	Development and Validation of an Acute Respiratory Distress Syndrome Prediction Model in Coronavirus Disease 2019. <i>Mayo Clinic Proceedings</i> , 2023, 98, 736-747.	1.4	0
2921	Novel STING-targeted PET radiotracer for alert and therapeutic evaluation of acute lung injury. <i>Acta Pharmaceutica Sinica B</i> , 2023, 13, 2124-2137.	5.7	4
2922	Efficacy of Surfactant Therapy of ARDS Induced by Hydrochloric Acid Aspiration Followed by Ventilator-Induced Lung Injury – an Animal Study. <i>Physiological Research</i> , 2022, 71, S237-S249.	0.4	0
2924	The safety and efficacy of mesenchymal stromal cells in ARDS: a meta-analysis of randomized controlled trials. <i>Critical Care</i> , 2023, 27, .	2.5	13
2925	Resveratrol influences pulmonary mechanics and inflammatory response in a porcine ARDS model. <i>Life Sciences</i> , 2023, 319, 121410.	2.0	2
2926	Randomized Controlled Trial Evaluating the Benefit of a Novel Clinical Decision Support System for the Management of COVID-19 Patients in Home Quarantine: A Study Protocol. <i>International Journal of Environmental Research and Public Health</i> , 2023, 20, 2300.	1.2	0
2927	Prone position for acute respiratory distress syndrome and the hazards of meta-analysis. <i>Pulmonology</i> , 2023, , .	1.0	2
2928	Clinical relevance of timing of assessment of ICU mortality in patients with moderate-to-severe Acute Respiratory Distress Syndrome. <i>Scientific Reports</i> , 2023, 13, .	1.6	1
2929	Extracorporeal membrane oxygenation in trauma. , 2023, , 1197-1203.		0
2930	Global critical care: a call to action. <i>Critical Care</i> , 2023, 27, .	2.5	9
2931	Mechanisms of impaired alveolar fluid clearance. <i>Anatomical Record</i> , 0, , .	0.8	2
2932	Safety and efficacy of clinical-grade, cryopreserved menstrual blood mesenchymal stromal cells in experimental acute respiratory distress syndrome. <i>Frontiers in Cell and Developmental Biology</i> , 0, 11, .	1.8	1
2933	Technical Innovation in Critical Care in a World of Constraints: Lessons from the COVID-19 Pandemic. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2023, 207, 1126-1133.	2.5	7

#	ARTICLE	IF	CITATIONS
2934	Adaptation of Autoencoder for Sparsity Reduction From Clinical Notes Representation Learning. IEEE Journal of Translational Engineering in Health and Medicine, 2023, 11, 469-478.	2.2	2
2935	Use of Aerosolized Prostacyclins in Critically Ill Patients and Association With Clinical Outcomes. , 2023, 5, e0845.		2
2936	Pattern of disease and determinants of mortality among ICU patients on mechanical ventilator in Sub-Saharan Africa: a multilevel analysis. Critical Care, 2023, 27, .	2.5	5
2937	Adherence to protective mechanical ventilation in COVID-19 versus non-COVID-19-associated acute respiratory distress syndrome: Comparison between two prospective cohorts. Medicina Intensiva (English Edition), 2023, , .	0.1	0
2938	Utility of lung ultrasound in adjustment of the initial mechanical ventilation settings in patients with acute respiratory distress syndrome. The Egyptian Journal of Chest Diseases and Tuberculosis, 2023, 72, 92.	0.1	0
2939	Added value of chest CT images to a personalized prognostic model in acute respiratory distress syndrome: a retrospective study. Chinese Journal of Academic Radiology, 2023, 6, 47-56.	0.4	0
2940	Weaning from mechanical ventilation in intensive care units across 50 countries (WEAN SAFE): a multicentre, prospective, observational cohort study. Lancet Respiratory Medicine, the, 2023, 11, 465-476.	5.2	31
2941	Cardiovascular Subphenotypes in Acute Respiratory Distress Syndrome*. Critical Care Medicine, 2023, 51, 460-470.	0.4	5
2942	Non-invasive support for the hypoxaemic patient. British Journal of Hospital Medicine (London,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 42	0.2	0
2943	Hemoglobin increases leukocyte adhesion and initiates lung microvascular endothelial activation via Toll-like receptor 4 signaling. American Journal of Physiology - Cell Physiology, 2023, 324, C665-C673.	2.1	3
2944	Is it appropriate for acute respiratory distress syndrome patients with neuromuscular blocking agents?. Asian Journal of Surgery, 2023, , .	0.2	0
2945	Discovery of 4-oxo-N-phenyl-1,4-dihydroquinoline-3-carboxamide derivatives as novel anti-inflammatory agents for the treatment of acute lung injury and sepsis. European Journal of Medicinal Chemistry, 2023, 249, 115144.	2.6	6
2946	Severe and non-severe Covid-19 patients with postintubation tracheal stenosis. Journal of Human Virology & Retrovirology, 2022, 9, 75-76.	0.1	0
2947	Efficacy and safety of extracorporeal membrane oxygenation for burn patients: a comprehensive systematic review and meta-analysis. Burns and Trauma, 2023, 11, .	2.3	1
2948	COVID-19 ARDS in Pregnancy: Implications for the Non-COVID Era. Annual Update in Intensive Care and Emergency Medicine, 2023, , 489-501.	0.1	0
2949	Ex Vivo Lung Perfusion Models to Explore the Pathobiology of ARDS. Annual Update in Intensive Care and Emergency Medicine, 2023, , 111-119.	0.1	0
2950	Setting and Monitoring of Mechanical Ventilation During Venovenous ECMO. Annual Update in Intensive Care and Emergency Medicine, 2023, , 239-252.	0.1	0
2951	Hemodynamic Implications of Prone Positioning in Patients with ARDS. Annual Update in Intensive Care and Emergency Medicine, 2023, , 151-162.	0.1	0



#	ARTICLE	IF	CITATIONS
2952	Application of Neuromuscular Blockers in Patients with ARDS in ICU: A Retrospective Study Based on the MIMIC-III Database. <i>Journal of Clinical Medicine</i> , 2023, 12, 1878.	1.0	1
2953	Prone position improves ventilation-perfusion mismatch in patients with severe acute respiratory distress syndrome. <i>Medicina Intensiva</i> , 2023, 47, 175-178.	0.4	1
2955	Deficiency of endothelial FGFR1 signaling via upregulation of ROCK2 activity aggravated ALI/ARDS. <i>Frontiers in Immunology</i> , 0, 14, .	2.2	3
2956	Stratifying Severity of Acute Respiratory Failure Severity in Cyanotic Congenital Heart Disease. <i>Pediatric Cardiology</i> , 0, , .	0.6	0
2957	A Systematic Review and Meta-Analysis of Independent Predictors for Acute Respiratory Distress Syndrome in Patients Presenting With Sepsis. <i>Cureus</i> , 2023, , .	0.2	3
2958	Health Care Utilization in ARDS Survivors 3 Years After Discharge. <i>Respiratory Care</i> , 2023, 68, 676-679.	0.8	1
2959	Is COVID-19 different from other causes of acute respiratory distress syndrome?. <i>Journal of Intensive Medicine</i> , 2023, 3, 212-219.	0.8	2
2960	The role of the alveolar epithelial glycocalyx in acute respiratory distress syndrome. <i>American Journal of Physiology - Cell Physiology</i> , 2023, 324, C799-C806.	2.1	4
2961	Curdione ameliorates sepsis-induced lung injury by inhibiting platelet-mediated neutrophil extracellular trap formation. <i>International Immunopharmacology</i> , 2023, 118, 110082.	1.7	1
2962	4-octyl itaconate ameliorates alveolar macrophage pyroptosis against ARDS via rescuing mitochondrial dysfunction and suppressing the cGAS/STING pathway. <i>International Immunopharmacology</i> , 2023, 118, 110104.	1.7	6
2963	Reverse triggering neural network and rules-based automated detection in acute respiratory distress syndrome.. <i>Journal of Critical Care</i> , 2023, 75, 154256.	1.0	2
2964	Annexin A1 peptide Ac2-26 mitigates ventilator-induced lung injury in acute respiratory distress syndrome rats and partly depended on the endothelial nitric oxide synthase pathway. <i>Acta Cirurgica Brasileira</i> , 2022, 37, .	0.3	2
2965	Angiotensin-Like4 Is a Novel Marker of COVID-19 Severity. , 2023, 5, e0827.		6
2966	Newly Proposed Diagnostic Criteria for Acute Respiratory Distress Syndrome: Does Inclusion of High Flow Nasal Cannula Solve the Problem?. <i>Journal of Clinical Medicine</i> , 2023, 12, 1043.	1.0	2
2967	Sichen Formula Ameliorates Lipopolysaccharide-Induced Acute Lung Injury via Blocking the TLR4 Signaling Pathways. <i>Drug Design, Development and Therapy</i> , 0, Volume 17, 297-312.	2.0	3
2968	Personalized medicine targeting different ARDS phenotypes: The future of pharmacotherapy for ARDS?. <i>Expert Review of Respiratory Medicine</i> , 2023, 17, 41-52.	1.0	2
2970	Respiratory Monitoring During Mechanical Ventilation: The Present and the Future. <i>Journal of Intensive Care Medicine</i> , 2023, 38, 407-417.	1.3	1
2971	Severe and non-severe Covid-19 patients with postintubation tracheal stenosis. <i>Journal of Human Virology &amp; Retrovirology</i> , 2022, 9, 75-76.	0.1	0

#	ARTICLE	IF	CITATIONS
2972	Advanced Point-of-care Bedside Monitoring for Acute Respiratory Failure. <i>Anesthesiology</i> , 2023, 138, 317-334.	1.3	17
2973	Patient Outcomes and Unit Composition With Transition to a High-Intensity ICU Staffing Model: A Before-and-After Study. , 2023, 5, e0864.		0
2974	Personalized positive end-expiratory pressure during general anesthesia: go with the flow. <i>Minerva Anestesiologica</i> , 0, , .	0.6	0
2975	Key Role of Mesenchymal Stromal Cell Interaction with Macrophages in Promoting Repair of Lung Injury. <i>International Journal of Molecular Sciences</i> , 2023, 24, 3376.	1.8	12
2976	Challenges in ARDS Definition, Management, and Identification of Effective Personalized Therapies. <i>Journal of Clinical Medicine</i> , 2023, 12, 1381.	1.0	9
2977	Time-controlled adaptive ventilation in patients with ARDSâ€”lack of protocol adherence: a systematic review. <i>Critical Care</i> , 2023, 27, .	2.5	2
2978	NMDARs antagonist MK801 suppresses LPS-induced apoptosis and mitochondrial dysfunction by regulating subunits of NMDARs via the CaM/CaMKII/ERK pathway. <i>Cell Death Discovery</i> , 2023, 9, .	2.0	2
2979	Lung morphology impacts the association between ventilatory variables and mortality in patients with acute respiratory distress syndrome. <i>Critical Care</i> , 2023, 27, .	2.5	2
2980	Efficacy of Surfactant Therapy of ARDS Induced by Hydrochloric Acid Aspiration Followed by Ventilator-Induced Lung Injury â€” an Animal Study. <i>Physiological Research</i> , 2022, 71, S237-S249.	0.4	3
2981	Association between driving pressure and mortality may depend on timing since onset of acute respiratory distress syndrome. <i>Intensive Care Medicine</i> , 2023, 49, 363-365.	3.9	7
2982	An acute respiratory distress syndrome drug development collaboration stimulated by the Virginia Drug Discovery Consortium. <i>SLAS Discovery</i> , 2023, , .	1.4	1
2983	Lung Ultrasound Prediction Model for Acute Respiratory Distress Syndrome: A Multicenter Prospective Observational Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2023, 207, 1591-1601.	2.5	22
2984	Advancing Precision Medicine for the Diagnosis and Treatment of Acute Respiratory Distress Syndrome. <i>Journal of Clinical Medicine</i> , 2023, 12, 1563.	1.0	4
2985	Precision of CT-derived alveolar recruitment assessed by human observers and a machine learning algorithm in moderate and severe ARDS. <i>Intensive Care Medicine Experimental</i> , 2023, 11, .	0.9	2
2986	Same but Differentâ€”ECMO in COVID-19 and ARDS of Other Etiologies. Comparison of Survival Outcomes and Management in Different ARDS Groups. <i>Journal of Intensive Care Medicine</i> , 2023, 38, 635-642.	1.3	7
2987	Mechanical ventilation postâ€“bilateral lung transplantation: A scoping review. <i>Acta Anaesthesiologica Scandinavica</i> , 2023, 67, 576-587.	0.7	1
2988	Aerosolized Pulmonary Delivery of mRNA Constructs Attenuates Severity of <i>Escherichia coli</i> Pneumonia in the Rat. <i>Nucleic Acid Therapeutics</i> , 2023, 33, 148-158.	2.0	4
2989	Oxidative Stress and Inflammation in Acute and Chronic Lung Injuries. <i>Antioxidants</i> , 2023, 12, 548.	2.2	19

#	ARTICLE	IF	CITATIONS
2990	Oxygenation thresholds for invasive ventilation in hypoxemic respiratory failure: a target trial emulation in two cohorts. <i>Critical Care</i> , 2023, 27, .	2.5	4
2991	PLGA-Based Micro/Nanoparticles: An Overview of Their Applications in Respiratory Diseases. <i>International Journal of Molecular Sciences</i> , 2023, 24, 4333.	1.8	10
2992	Usefulness and limitations of the acute respiratory distress syndrome definitions in non-intubated patients. A narrative review. <i>Frontiers in Medicine</i> , 0, 10, .	1.2	0
2993	Case Report: Recurrence of Acute Respiratory Distress Syndrome After Bilateral Lung Transplantation. <i>Transplantation Proceedings</i> , 2023, 55, 697-700.	0.3	0
2994	Comparison of patients admitted to an inner-city intensive care unit across 3 COVID-19 waves. <i>Medicine (United States)</i> , 2023, 102, e33069.	0.4	3
2995	Driving Pressure, Elastance, and Outcomes in a Real-World Setting: A Bi-Center Analysis of Electronic Health Record Data. , 2023, 5, e0877.		3
2996	The ROX index (Index combining the respiratory rate with oxygenation) is a prognostic factor for acute respiratory distress syndrome. <i>PLoS ONE</i> , 2023, 18, e0282241.	1.1	1
2997	Association and predictive value of soluble thrombomodulin with mortality in patients with acute respiratory distress syndrome: systematic review and meta-analysis. <i>Annals of Translational Medicine</i> , 2023, 11, 181-181.	0.7	1
2998	Interferon regulatory factor 1 (IRF1) inhibits lung endothelial regeneration following inflammation-induced acute lung injury. <i>Clinical Science</i> , 2023, 137, 367-383.	1.8	2
2999	Identification of phytochemical compounds of <i>Fagopyrum dibotrys</i> and their targets by metabolomics, network pharmacology and molecular docking studies. <i>Heliyon</i> , 2023, 9, e14029.	1.4	3
3000	Plasma bioactive adrenomedullin on intensive care unit admission is associated with acute respiratory distress syndrome: an observational study. <i>Intensive Care Medicine Experimental</i> , 2023, 11, .	0.9	2
3001	THE IL-33/ST2 AXIS PROMOTES ACUTE RESPIRATORY DISTRESS SYNDROME BY NATURAL KILLER T CELLS. <i>Shock</i> , 2023, 59, 902-911.	1.0	3
3002	Update on Mechanical Circulatory Support. <i>Anesthesiology Clinics</i> , 2023, 41, 79-102.	0.6	1
3003	Postoperative Respiratory Failure and Advanced Ventilator Settings. <i>Anesthesiology Clinics</i> , 2023, 41, 141-159.	0.6	0
3004	Post-traumatic stress symptoms six months after ICU admission with COVID-19: Prospective observational study. <i>Journal of Clinical Nursing</i> , 2024, 33, 103-114.	1.4	3
3005	Pregnancy and Severe ARDS with COVID-19: Epidemiology, Diagnosis, Outcomes and Treatment. <i>Seminars in Fetal and Neonatal Medicine</i> , 2023, 28, 101426.	1.1	7
3006	Chrysophanol alleviates acute lung injury caused by <i>Klebsiella pneumoniae</i> infection by inhibiting pro-inflammatory cytokine production. <i>Phytotherapy Research</i> , 2023, 37, 2965-2978.	2.8	1
3008	A Framework for Developing a Multidisciplinary Approach to Prone Positioning in Acute Respiratory Distress Syndrome. <i>Journal of Intensive Care Medicine</i> , 2023, 38, 702-709.	1.3	1

#	ARTICLE	IF	CITATIONS
3009	NETs Promote Inflammatory Injury by Activating cGAS-STING Pathway in Acute Lung Injury. <i>International Journal of Molecular Sciences</i> , 2023, 24, 5125.	1.8	8
3010	Urolithin A (UA) attenuates ferroptosis in LPS-induced acute lung injury in mice by upregulating Keap1-Nrf2/HO-1 signaling pathway. <i>Frontiers in Pharmacology</i> , 0, 14, .	1.6	8
3011	Right ventricle-specific therapies in acute respiratory distress syndrome: a scoping review. <i>Critical Care</i> , 2023, 27, .	2.5	6
3012	SIRT6 ameliorates LPS-induced apoptosis and tight junction injury in ARDS through the ERK1/2 pathway and autophagy. <i>International Journal of Medical Sciences</i> , 2023, 20, 581-594.	1.1	1
3013	Lipocalin-2 promotes acute lung inflammation and oxidative stress by enhancing macrophage iron accumulation. <i>International Journal of Biological Sciences</i> , 2023, 19, 1163-1177.	2.6	8
3014	Mechanical power of ventilation and driving pressure: two undervalued parameters for pre extracorporeal membrane oxygenation ventilation and during daily management?. <i>Critical Care</i> , 2023, 27, .	2.5	1
3015	Incidence of acute pancreatitis among patients with leptospirosis requiring extracorporeal membrane oxygenation (ECMO): a descriptive study. <i>BMJ Open Gastroenterology</i> , 2023, 10, e001094.	1.1	0
3017	Real-time effects of lateral positioning on regional ventilation and perfusion in an experimental model of acute respiratory distress syndrome. <i>Frontiers in Physiology</i> , 0, 14, .	1.3	1
3018	PROPHYLACTIC nCMT-3 ATTENUATES SEPSIS-INDUCED ACUTE KIDNEY INJURY IN ASSOCIATION WITH NLRP3 INFLAMMASOME ACTIVATION AND APOPTOSIS. <i>Shock</i> , 2023, 59, 922-929.	1.0	2
3019	Outcomes Associated With Intensive Care and Organ Support Among Patients With COVID-19: A Systematic Review and Meta-Analysis. <i>Military Medicine</i> , 2023, 188, 541-546.	0.4	2
3020	Improving Acute Respiratory Distress Syndrome Diagnosis: Is Lung Ultrasound the Answer?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2023, 207, 1548-1549.	2.5	2
3021	Critical Care Pharmacist Attitudes and Perceptions of Neuromuscular Blocker Infusions in ARDS. <i>Annals of Pharmacotherapy</i> , 0, , 106002802311604.	0.9	0
3024	Inhibition of a Microbiota-Derived Peptide Ameliorates Established Acute Lung Injury. <i>American Journal of Pathology</i> , 2023, , .	1.9	1
3025	Circulating Pulmonary-Originated Epithelial Biomarkers for Acute Respiratory Distress Syndrome: A Systematic Review and Meta-Analysis. <i>International Journal of Molecular Sciences</i> , 2023, 24, 6090.	1.8	3
3026	A Structured Diagnostic Algorithm for Patients with ARDS. <i>Annual Update in Intensive Care and Emergency Medicine</i> , 2023, , 139-149.	0.1	0
3027	Response to: The (Mechanical) Power of (Automated) Ventilation. <i>Respiratory Care</i> , 2023, 68, 557-558.	0.8	0
3028	Hemodynamic Implications of Prone Positioning in Patients with ARDS. <i>Critical Care</i> , 2023, 27, .	2.5	8
3029	A structured diagnostic algorithm for patients with ARDS. <i>Critical Care</i> , 2023, 27, .	2.5	0

#	ARTICLE	IF	CITATIONS
3030	Setting and Monitoring of Mechanical Ventilation During Venovenous ECMO. <i>Critical Care</i> , 2023, 27, .	2.5	6
3031	Limiting Dynamic Driving Pressure in Patients Requiring Mechanical Ventilation*. <i>Critical Care Medicine</i> , 2023, 51, 861-871.	0.4	7
3032	Impact of Arterial CO <sub>2</sub> Retention in Patients With Moderate or Severe ARDS. <i>Respiratory Care</i> , 2023, 68, 582-591.	0.8	1
3033	Electrotaxis of alveolar epithelial cells in direct-current electric fields. <i>Chinese Journal of Traumatology - English Edition</i> , 2023, 26, 155-161.	0.7	0
3034	JNK $\epsilon$ 8 treatment improves ARDS $\epsilon$ induced cognitive impairment by inhibiting JNK/NF $\kappa$ B $\epsilon$ mediated NLRP3 inflammasome. <i>Brain and Behavior</i> , 2023, 13, .	1.0	1
3035	Implementation of Lung-Protective Ventilation in Patients With Acute Respiratory Failure. <i>Critical Care Medicine</i> , 0, Publish Ahead of Print, .	0.4	2
3037	Quantitative image analysis in COVID-19 acute respiratory distress syndrome: a cohort observational study.. <i>F1000Research</i> , 0, 10, 1266.	0.8	0
3038	Airway Clearance Disorders (Hypoxemic): ARDS, Pneumonia, and Cardiac Pulmonary Edema. , 2023, , 237-242.		0
3039	Má»™t sá»‘ yá»²;u tá»‘ liÃ»n quan tá»i tá»-vong á»Ÿ bá»ñh nhÃ»n suy há»‘ há»²p cá»²p tiá»²;n triá»²fn do viÃ»m phá»²i. <i>Tap Chi Nghien Cu</i> 164, 61-72.	0.0	0
3040	Positive End-Expiratory Pressure Levels in Adult Patients With Acute Lung Injury and Acute Respiratory Distress Syndrome. <i>Critical Care Nurse</i> , 2023, 43, 77-79.	0.5	0
3041	Nichtinvasive Beatmung zur Therapie der akuten respiratorischen Insuffizienz. <i>Springer Reference Medizin</i> , 2023, , 1-16.	0.0	0
3042	Ventilator-Induced Lung Injury as a Dynamic Balance Between Epithelial Cell Damage and Recovery. <i>Annals of Biomedical Engineering</i> , 2023, 51, 1052-1062.	1.3	0
3043	Pulmonary Manifestations of COVID-19. , 2024, , 100-136.		0
3044	Mechanical power and 30-day mortality in mechanically ventilated, critically ill patients with and without Coronavirus Disease-2019: a hospital registry study. <i>Journal of Intensive Care</i> , 2023, 11, .	1.3	7
3045	Treatment options for patients with severe COVID-19. <i>Global Health &amp; Medicine</i> , 2023, 5, 99-105.	0.6	1
3046	Collaborative strategies for deploying artificial intelligence to complement physician diagnoses of acute respiratory distress syndrome. <i>Npj Digital Medicine</i> , 2023, 6, .	5.7	9
3047	Punicalin attenuates LPS-induced acute lung injury by inhibiting inflammatory cytokine production and MAPK/NF $\kappa$ B signaling in mice. <i>Heliyon</i> , 2023, 9, e15434.	1.4	0
3048	Effect of EIT-guided PEEP titration on prognosis of patients with moderate to severe ARDS: study protocol for a multicenter randomized controlled trial. <i>Trials</i> , 2023, 24, .	0.7	0

#	ARTICLE	IF	CITATIONS
3049	Risk factors for ventilator-induced-lung injury develop three to five times faster after a single episode of lung injury. <i>Canadian Journal of Respiratory Therapy</i> , 0, 59, 103-110.	0.2	1
3050	Neuromuscular Blocking Agents in Severe Acute Respiratory Distress Syndrome: Benefit or Harm?. , 2023, , 55-61.		0
3051	A multifaceted strategy to optimize pharmacokinetics of antimicrobial therapy in patients with hospital-acquired infections—a monocentre quality improvement project. <i>Journal of Antimicrobial Chemotherapy</i> , 2023, 78, 1378-1385.	1.3	1
3052	PGLYRP1-mIgG2a-Fc inhibits macrophage activation via AKT/NF- $\kappa$ B signaling and protects against fatal lung injury during bacterial infection. <i>IScience</i> , 2023, 26, 106653.	1.9	5
3054	Effect of the duration of prone position in ARDS patients during the SARS-CoV-2 pandemic. <i>Medicina Intensiva (English Edition)</i> , 2023, 47, 575-582.	0.1	0
3055	Alveolar arterial oxygen gradient nonlinearly impacts the 28-day mortality of patients with sepsis: Secondary data mining based on the MIMIC-IV database. <i>Clinical Respiratory Journal</i> , 0, , .	0.6	1
3056	Comparison of hemodynamic and respiratory outcomes between two surgical positions for percutaneous nephrolithotomy: a prospective, randomized clinical trial. <i>Actas Urológicas Españolas (English Edition)</i> , 2023, 47, 509-516.	0.2	0
3057	Association between the time-varying arterial carbon dioxide pressure and 28-day mortality in mechanically ventilated patients with acute respiratory distress syndrome. <i>BMC Pulmonary Medicine</i> , 2023, 23, .	0.8	1
3058	Polymer Lung Surfactants Attenuate Direct Lung Injury in Mice. <i>ACS Biomaterials Science and Engineering</i> , 2023, 9, 2716-2730.	2.6	6
3059	The Role of Data Science in Closing the Implementation Gap. <i>Critical Care Clinics</i> , 2023, 39, 701-716.	1.0	4
3060	Inhaled Nitric Oxide in Acute Respiratory Distress Syndrome Subsets: Rationale and Clinical Applications. <i>Journal of Aerosol Medicine and Pulmonary Drug Delivery</i> , 2023, 36, 112-126.	0.7	3
3103	<i>Critical Care Medicine</i> . , 2023, , 159-181.		0
3125	Interesting effects of interleukins and immune cells on acute respiratory distress syndrome. <i>Clinical and Experimental Medicine</i> , 2023, 23, 2979-2996.	1.9	2
3149	Akutes Lungenversagen (ARDS). , 2023, , 487-511.		0
3199	Precision Medicine Using Simultaneous Monitoring and Assessment with Imaging and Biomarkers to Manage Mechanical Ventilation in ARDS. <i>Intensive Care Research</i> , 2023, 3, 195-203.	0.2	2
3206	Sepsis-Induced Acute Lung Injury Is Alleviated by Small Molecules from Dietary Plants via Pyroptosis Modulation. <i>Journal of Agricultural and Food Chemistry</i> , 2023, 71, 12153-12166.	2.4	2
3218	Prolonged glucocorticoid treatment in ARDS: Pathobiological rationale and pharmacological principles. , 2024, , 289-324.e1.		0
3225	Rationale of Noninvasive Ventilation. , 2023, , 3-14.		0



#	ARTICLE	IF	CITATIONS
3234	Baicalin and lung diseases. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2024, 397, 1405-1419.	1.4	0
3272	Implications of Structural Brain Injury in ARDS. <i>Neurocritical Care</i> , 2024, 40, 40-41.	1.2	0
3277	Microcontroller-based Piezoelectric Driving Method as Mesh Nebulizer for Inhaled Therapy. , 2023, , .		0
3361	Akutes Lungenversagen (ARDS). <i>Springer Reference Medizin</i> , 2023, , 1-6.	0.0	0
3374	Principles and Management of ARDS. <i>Lessons From the ICU</i> , 2023, , 181-194.	0.1	0
3385	Unraveling the enigma of genetics and phenotypes in ARDS. <i>Intensive Care Medicine</i> , 0, , .	3.9	0
3388	Cell-derived biomimetic nanoparticles for the targeted therapy of ALI/ARDS. <i>Drug Delivery and Translational Research</i> , 0, , .	3.0	0
3426	Macrolides in Acute Respiratory Distress Syndrome and Acute Lung Injury. , 2024, , 177-194.		0
3443	Long-term outcomes of patients supported with extracorporeal membrane oxygenation for acute respiratory distress syndrome: a systematic review and meta-analysis. <i>Intensive Care Medicine</i> , 2024, 50, 350-370.	3.9	0
3478	Holistic ARDS Prognosis Evaluation Framework Utilizing Data Governance and Ensemble Feature Selection. , 2023, , .		0
3557	Indikationen und Besonderheiten für veno-venöse Unterstützungen. , 2024, , 33-44.		0