

# Lorraine B Ware

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6907268/publications.pdf>

Version: 2024-02-01

378  
papers

37,550  
citations

2975

93  
h-index

3487

182  
g-index

394  
all docs

394  
docs citations

394  
times ranked

28538  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Acute Respiratory Distress Syndrome. <i>New England Journal of Medicine</i> , 2000, 342, 1334-1349.	27.0	5,867
2	The acute respiratory distress syndrome. <i>Journal of Clinical Investigation</i> , 2012, 122, 2731-2740.	8.2	1,434
3	Comparison of the Sp o <sub>2</sub> /F io <sub>2</sub> Ratio and the Pa o <sub>2</sub> /F io <sub>2</sub> Ratio in Patients With Acute Lung Injury or ARDS. <i>Chest</i> , 2007, 132, 410-417.	0.8	1,140
4	Subphenotypes in acute respiratory distress syndrome: latent class analysis of data from two randomised controlled trials. <i>Lancet Respiratory Medicine</i> , 2014, 2, 611-620.	10.7	992
5	Alveolar Fluid Clearance Is Impaired in the Majority of Patients with Acute Lung Injury and the Acute Respiratory Distress Syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2001, 163, 1376-1383.	5.6	826
6	From evidence to clinical practice: Effective implementation of therapeutic hypothermia to improve patient outcome after cardiac arrest*. <i>Critical Care Medicine</i> , 2006, 34, 1865-1873.	0.9	622
7	Acute Pulmonary Edema. <i>New England Journal of Medicine</i> , 2005, 353, 2788-2796.	27.0	601
8	The Outcome of Neutrophil Gelatinase-Associated Lipocalin-Positive Subclinical Acute Kidney Injury. <i>Journal of the American College of Cardiology</i> , 2011, 57, 1752-1761.	2.8	597
9	Single-cell RNA sequencing reveals profibrotic roles of distinct epithelial and mesenchymal lineages in pulmonary fibrosis. <i>Science Advances</i> , 2020, 6, eaba1972.	10.3	571
10	Acute Respiratory Distress Syndrome Subphenotypes Respond Differently to Randomized Fluid Management Strategy. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 331-338.	5.6	557
11	Clinical Risk Factors for Primary Graft Dysfunction after Lung Transplantation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 187, 527-534.	5.6	529
12	Inflammasome-regulated Cytokines Are Critical Mediators of Acute Lung Injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012, 185, 1225-1234.	5.6	469
13	Pathophysiology of Acute Lung Injury and the Acute Respiratory Distress Syndrome. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2006, 27, 337-349.	2.1	467
14	Hydrostatic mechanisms may contribute to the pathogenesis of human re-expansion pulmonary edema. <i>Intensive Care Medicine</i> , 2004, 30, 1921-1926.	8.2	462
15	Receptor for Advanced Glycation End-Products Is a Marker of Type I Cell Injury in Acute Lung Injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2006, 173, 1008-1015.	5.6	390
16	Endoplasmic reticulum stress in alveolar epithelial cells is prominent in IPF: association with altered surfactant protein processing and herpesvirus infection. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2008, 294, L1119-L1126.	2.9	377
17	Management of the critically ill patient with severe acute pancreatitis. <i>Critical Care Medicine</i> , 2004, 32, 2524-2536.	0.9	353
18	Elevated levels of plasminogen activator inhibitor-1 in pulmonary edema fluid are associated with mortality in acute lung injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2003, 285, L20-L28.	2.9	309

#	ARTICLE	IF	CITATIONS
19	Hyperoxia causes angiotensin II-mediated acute lung injury and necrotic cell death. <i>Nature Medicine</i> , 2006, 12, 1286-1293.	30.7	307
20	Fas and Fas Ligand Are Up-Regulated in Pulmonary Edema Fluid and Lung Tissue of Patients with Acute Lung Injury and the Acute Respiratory Distress Syndrome. <i>American Journal of Pathology</i> , 2002, 161, 1783-1796.	3.8	299
21	Protein C and thrombomodulin in human acute lung injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2003, 285, L514-L521.	2.9	296
22	Keratinocyte and hepatocyte growth factors in the lung: roles in lung development, inflammation, and repair. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2002, 282, L924-L940.	2.9	293
23	Prognostic and Pathogenetic Value of Combining Clinical and Biochemical Indices in Patients With Acute Lung Injury. <i>Chest</i> , 2010, 137, 288-296.	0.8	287
24	Biological Markers of Acute Kidney Injury. <i>Journal of the American Society of Nephrology: JASN</i> , 2011, 22, 810-820.	6.1	285
25	Distinct Molecular Phenotypes of Direct vs Indirect ARDS in Single-Center and Multicenter Studies. <i>Chest</i> , 2015, 147, 1539-1548.	0.8	283
26	Plasma receptor for advanced glycation end products and clinical outcomes in acute lung injury. <i>Thorax</i> , 2008, 63, 1083-1089.	5.6	278
27	Pathogenesis of Acute Respiratory Distress Syndrome. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2019, 40, 031-039.	2.1	276
28	Assembly of a pan-genome from deep sequencing of 910 humans of African descent. <i>Nature Genetics</i> , 2019, 51, 30-35.	21.4	276
29	Significance of Von Willebrand Factor in Septic and Nonseptic Patients with Acute Lung Injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2004, 170, 766-772.	5.6	265
30	Plasma surfactant protein levels and clinical outcomes in patients with acute lung injury. <i>Thorax</i> , 2003, 58, 983-988.	5.6	261
31	Derivation and validation of Spo2/Fio2 ratio to impute for Pao2/Fio2 ratio in the respiratory component of the Sequential Organ Failure Assessment score*. <i>Critical Care Medicine</i> , 2009, 37, 1317-1321.	0.9	244
32	Severity scoring of lung oedema on the chest radiograph is associated with clinical outcomes in ARDS. <i>Thorax</i> , 2018, 73, 840-846.	5.6	244
33	Trauma-associated lung injury differs clinically and biologically from acute lung injury due to other clinical disorders*. <i>Critical Care Medicine</i> , 2007, 35, 2243-2250.	0.9	232
34	Mesenchymal stem cells: mechanisms of potential therapeutic benefit in ARDS and sepsis. <i>Lancet Respiratory Medicine</i> , 2014, 2, 1016-1026.	10.7	222
35	Clinical trials in acute respiratory distress syndrome: challenges and opportunities. <i>Lancet Respiratory Medicine</i> , 2017, 5, 524-534.	10.7	213
36	Urine Neutrophil Gelatinase-Associated Lipocalin Moderately Predicts Acute Kidney Injury in Critically Ill Adults. <i>Journal of the American Society of Nephrology: JASN</i> , 2009, 20, 1823-1832.	6.1	211

#	ARTICLE	IF	CITATIONS
37	Dietary zinc alters the microbiota and decreases resistance to Clostridium difficile infection. Nature Medicine, 2016, 22, 1330-1334.	30.7	201
38	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.	7.4	194
39	Treatment of ARDS. Chest, 2001, 120, 1347-1367.	0.8	191
40	Neutrophil Extracellular Traps Are Pathogenic in Primary Graft Dysfunction after Lung Transplantation. American Journal of Respiratory and Critical Care Medicine, 2015, 191, 455-463.	5.6	187
41	Assessment of lungs rejected for transplantation and implications for donor selection. Lancet, The, 2002, 360, 619-620.	13.7	181
42	Prehospital statin and aspirin use and the prevalence of severe sepsis and acute lung injury/acute respiratory distress syndrome*. Critical Care Medicine, 2011, 39, 1343-1350.	0.9	181
43	Elevated plasma levels of soluble TNF receptors are associated with morbidity and mortality in patients with acute lung injury. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2005, 288, L426-L431.	2.9	180
44	Timing of Intubation and Clinical Outcomes in Adults With Acute Respiratory Distress Syndrome*. Critical Care Medicine, 2016, 44, 120-129.	0.9	170
45	Biomarkers of lung epithelial injury and inflammation distinguish severe sepsis patients with acute respiratory distress syndrome. Critical Care, 2013, 17, R253.	5.8	169
46	Pulmonary Edema Fluid from Patients with Acute Lung Injury Augments <i>In Vitro</i> Alveolar Epithelial Repair by an IL-1 $\beta$ -dependent Mechanism. American Journal of Respiratory and Critical Care Medicine, 2001, 163, 1384-1388.	5.6	163
47	Increased Levels of Nitrate and Surfactant Protein A Nitration in the Pulmonary Edema Fluid of Patients with Acute Lung Injury. American Journal of Respiratory and Critical Care Medicine, 2001, 163, 166-172.	5.6	159
48	Alveolar epithelial fluid transport and the resolution of clinically severe hydrostatic pulmonary edema. Journal of Applied Physiology, 1999, 87, 1301-1312.	2.5	152
49	The Association Between BMI and Plasma Cytokine Levels in Patients With Acute Lung Injury. Chest, 2010, 138, 568-577.	0.8	147
50	Negative-Pressure Pulmonary Edema. Chest, 2016, 150, 927-933.	0.8	147
51	Plasma Levels of Receptor for Advanced Glycation End Products, Blood Transfusion, and Risk of Primary Graft Dysfunction. American Journal of Respiratory and Critical Care Medicine, 2009, 180, 1010-1015.	5.6	145
52	One-year mortality and predictors of death among hospital survivors of acute respiratory distress syndrome. Intensive Care Medicine, 2014, 40, 388-396.	8.2	144
53	Extensive Phenotyping of Individuals at Risk for Familial Interstitial Pneumonia Reveals Clues to the Pathogenesis of Interstitial Lung Disease. American Journal of Respiratory and Critical Care Medicine, 2015, 191, 417-426.	5.6	141
54	Prognostic determinants of acute respiratory distress syndrome in adults: Impact on clinical trial design. Critical Care Medicine, 2005, 33, S217-S222.	0.9	139

#	ARTICLE	IF	CITATIONS
55	Acute Lung Injury in Patients With Traumatic Injuries: Utility of a Panel of Biomarkers for Diagnosis and Pathogenesis. <i>Journal of Trauma</i> , 2010, 68, 1121-1127.	2.3	139
56	von Willebrand factor antigen is an independent marker of poor outcome in patients with early acute lung injury. <i>Critical Care Medicine</i> , 2001, 29, 2325-2331.	0.9	138
57	Biomarkers of inflammation, coagulation and fibrinolysis predict mortality in acute lung injury. <i>Critical Care</i> , 2008, 12, R41.	5.8	138
58	Predictive and pathogenetic value of plasma biomarkers for acute kidney injury in patients with acute lung injury. <i>Critical Care Medicine</i> , 2007, 35, 2755-61.	0.9	137
59	A continuum of admixture in the Western Hemisphere revealed by the African Diaspora genome. <i>Nature Communications</i> , 2016, 7, 12522.	12.8	136
60	Redefining critical illness. <i>Nature Medicine</i> , 2022, 28, 1141-1148.	30.7	136
61	Obesity and Primary Graft Dysfunction after Lung Transplantation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 184, 1055-1061.	5.6	135
62	MCP-1 Gene Activation Marks Acute Kidney Injury. <i>Journal of the American Society of Nephrology: JASN</i> , 2011, 22, 165-175.	6.1	133
63	The alveolar epithelium can initiate the extrinsic coagulation cascade through expression of tissue factor. <i>Thorax</i> , 2007, 62, 608-616.	5.6	132
64	Alveolar Epithelial Fluid Transport Capacity in Reperfusion Lung Injury after Lung Transplantation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1999, 159, 980-988.	5.6	131
65	Predictive and pathogenetic value of plasma biomarkers for acute kidney injury in patients with acute lung injury*. <i>Critical Care Medicine</i> , 2007, 35, 2755-2761.	0.9	131
66	Prognostic value of surfactant proteins A and D in patients with acute lung injury*. <i>Critical Care Medicine</i> , 2003, 31, 20-27.	0.9	129
67	Procoagulant alveolar microparticles in the lungs of patients with acute respiratory distress syndrome. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2009, 297, L1035-L1041.	2.9	128
68	Construct validity of the definition of primary graft dysfunction after lung transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2010, 29, 1231-1239.	0.6	128
69	Pulmonary Edema Fluid from Patients with Early Lung Injury Stimulates Fibroblast Proliferation through IL-1 $\beta$ -Induced IL-6 Expression. <i>Journal of Immunology</i> , 2004, 172, 2668-2677.	0.8	124
70	Predictive and pathogenetic value of plasma biomarkers for acute kidney injury in patients with acute lung injury *. <i>Critical Care Medicine</i> , 2007, 35, 2755-2761.	0.9	120
71	Association Between Cell-Free Hemoglobin, Acetaminophen, and Mortality in Patients With Sepsis. <i>Critical Care Medicine</i> , 2013, 41, 784-790.	0.9	119
72	Clara Cell Protein (CC16), a Marker of Lung Epithelial Injury, Is Decreased in Plasma and Pulmonary Edema Fluid From Patients With Acute Lung Injury. <i>Chest</i> , 2009, 135, 1440-1447.	0.8	115

#	ARTICLE	IF	CITATIONS
73	Clinical Characteristics and Outcomes Are Similar in ARDS Diagnosed by Oxygen Saturation/F io 2 Ratio Compared With Pao 2 /F io 2 Ratio. <i>Chest</i> , 2015, 148, 1477-1483.	0.8	114
74	Atrial Fibrillation Is an Independent Predictor of Mortality in Critically Ill Patients*. <i>Critical Care Medicine</i> , 2015, 43, 2104-2111.	0.9	114
75	Ventilator-induced lung injury: in vivo and in vitro mechanisms. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2002, 283, L678-L682.	2.9	111
76	Postobstructive Pulmonary Edema. <i>Chest</i> , 2007, 131, 1742-1746.	0.8	111
77	Ratio of angiotensin-2 to angiotensin-1 as a predictor of mortality in acute lung injury patients. <i>Critical Care Medicine</i> , 2010, 38, 1845-1851.	0.9	111
78	Bronchial Secretory Immunoglobulin A Deficiency Correlates With Airway Inflammation and Progression of Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 184, 317-327.	5.6	111
79	Endothelial Activation and Blood-Brain Barrier Injury as Risk Factors for Delirium in Critically Ill Patients*. <i>Critical Care Medicine</i> , 2016, 44, e809-e817.	0.9	111
80	Report of the ISHLT Working Group on Primary Lung Graft Dysfunction Part V: Predictors and Outcomes. <i>Journal of Heart and Lung Transplantation</i> , 2005, 24, 1483-1488.	0.6	110
81	Elevated Urinary IL-18 Levels at the Time of ICU Admission Predict Adverse Clinical Outcomes. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2010, 5, 1497-1505.	4.5	109
82	Soluble intercellular adhesion molecule-1 and clinical outcomes in patients with acute lung injury. <i>Intensive Care Medicine</i> , 2009, 35, 248-257.	8.2	108
83	Body Composition and Mortality after Adult Lung Transplantation in the United States. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 190, 1012-1021.	5.6	108
84	<i>ANGPT2</i> Genetic Variant Is Associated with Trauma-associated Acute Lung Injury and Altered Plasma Angiotensin-2 Isoform Ratio. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 183, 1344-1353.	5.6	107
85	Phenotypes and personalized medicine in the acute respiratory distress syndrome. <i>Intensive Care Medicine</i> , 2020, 46, 2136-2152.	8.2	106
86	Use of risk reclassification with multiple biomarkers improves mortality prediction in acute lung injury. <i>Critical Care Medicine</i> , 2011, 39, 711-717.	0.9	105
87	Acute effects of tidal volume strategy on hemodynamics, fluid balance, and sedation in acute lung injury*. <i>Critical Care Medicine</i> , 2005, 33, 63-70.	0.9	103
88	Stability of ARDS subphenotypes over time in two randomised controlled trials. <i>Thorax</i> , 2018, 73, 439-445.	5.6	103
89	Prehospital Aspirin Use Is Associated With Reduced Risk of Acute Respiratory Distress Syndrome in Critically Ill Patients. <i>Critical Care Medicine</i> , 2015, 43, 801-807.	0.9	100
90	Clinical Predictors of Hospital Mortality Differ Between Direct and Indirect ARDS. <i>Chest</i> , 2017, 151, 755-763.	0.8	100

#	ARTICLE	IF	CITATIONS
91	Early elevation of plasma soluble intercellular adhesion molecule-1 in pediatric acute lung injury identifies patients at increased risk of death and prolonged mechanical ventilation*. Pediatric Critical Care Medicine, 2003, 4, 315-321.	0.5	99
92	Keratinocyte growth factor can enhance alveolar epithelial repair by nonmitogenic mechanisms. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2002, 283, L163-L169.	2.9	97
93	Plasma Cytokines and Chemokines in Primary Graft Dysfunction Post-Lung Transplantation. American Journal of Transplantation, 2009, 9, 389-396.	4.7	97
94	Alveolar epithelial fluid transport can be simultaneously upregulated by both KGF and $\hat{I}^2$ -agonist therapy. Journal of Applied Physiology, 1999, 87, 1852-1860.	2.5	95
95	Biomarkers of inflammation and repair in kidney disease progression. Journal of Clinical Investigation, 2021, 131, .	8.2	95
96	Associations of markers of inflammation and coagulation with delirium during critical illness. Intensive Care Medicine, 2012, 38, 1965-1973.	8.2	93
97	Cigarette Smoke Exposure and the Acute Respiratory Distress Syndrome*. Critical Care Medicine, 2015, 43, 1790-1797.	0.9	92
98	Proteomic analysis of pulmonary edema fluid and plasma in patients with acute lung injury. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2004, 286, L1095-L1104.	2.9	91
99	Association between haptoglobin, hemopexin and mortality in adults with sepsis. Critical Care, 2013, 17, R272.	5.8	90
100	Renal cortical albumin gene induction and urinary albumin excretion in response to acute kidney injury. American Journal of Physiology - Renal Physiology, 2011, 300, F628-F638.	2.7	89
101	Pulmonary edema fluid antioxidants are depressed in acute lung injury. Critical Care Medicine, 2003, 31, 2309-2315.	0.9	85
102	Novel Role of the Human Alveolar Epithelium in Regulating Intra-Alveolar Coagulation. American Journal of Respiratory Cell and Molecular Biology, 2007, 36, 497-503.	2.9	85
103	Elevated Pulmonary Artery Pressure Is a Risk Factor for Primary Graft Dysfunction Following Lung Transplantation for Idiopathic Pulmonary Fibrosis. Chest, 2011, 139, 782-787.	0.8	85
104	Advancing precision medicine for acute respiratory distress syndrome. Lancet Respiratory Medicine, the, 2022, 10, 107-120.	10.7	83
105	Hypoxia upregulates VEGF expression in alveolar epithelial cells in vitro and in vivo. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2002, 283, L1133-L1142.	2.9	82
106	Aerosolized $\hat{I}^2$ -adrenergic agonists achieve therapeutic levels in the pulmonary edema fluid of ventilated patients with acute respiratory failure. Intensive Care Medicine, 2002, 28, 705-711.	8.2	82
107	The Berlin definition of acute respiratory distress syndrome: should patients receiving high-flow nasal oxygen be included?. Lancet Respiratory Medicine, the, 2021, 9, 933-936.	10.7	80
108	The Role of the Coagulation Cascade in the Continuum of Sepsis and Acute Lung Injury and Acute Respiratory Distress Syndrome. Seminars in Respiratory and Critical Care Medicine, 2006, 27, 365-376.	2.1	79

#	ARTICLE	IF	CITATIONS
109	Randomized, Placebo-Controlled Trial of Acetaminophen for the Reduction of Oxidative Injury in Severe Sepsis. <i>Critical Care Medicine</i> , 2015, 43, 534-541.	0.9	79
110	Heterogeneous Phenotypes of Acute Respiratory Distress Syndrome after Major Trauma. <i>Annals of the American Thoracic Society</i> , 2014, 11, 728-736.	3.2	77
111	Plasma Biomarkers of Oxidant Stress and Development of Organ Failure in Severe Sepsis. <i>Shock</i> , 2011, 36, 12-17.	2.1	76
112	Acute respiratory distress syndrome-attributable mortality in critically ill patients with sepsis. <i>Intensive Care Medicine</i> , 2020, 46, 1222-1231.	8.2	74
113	Acute Lung Injury Edema Fluid Decreases Net Fluid Transport across Human Alveolar Epithelial Type II Cells. <i>Journal of Biological Chemistry</i> , 2007, 282, 24109-24119.	3.4	73
114	Challenges in translating plasma proteomics from bench to bedside: update from the NHLBI Clinical Proteomics Programs. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2008, 295, L16-L22.	2.9	73
115	Genome Wide Association Identifies PPF1A1 as a Candidate Gene for Acute Lung Injury Risk Following Major Trauma. <i>PLoS ONE</i> , 2012, 7, e28268.	2.5	73
116	A prospective cohort study of acute kidney injury and kidney outcomes, cardiovascular events, and death. <i>Kidney International</i> , 2021, 99, 456-465.	5.2	72
117	Secretory IgA Deficiency in Individual Small Airways Is Associated with Persistent Inflammation and Remodeling. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 1010-1021.	5.6	71
118	Association study in African-admixed populations across the Americas recapitulates asthma risk loci in non-African populations. <i>Nature Communications</i> , 2019, 10, 880.	12.8	71
119	Therapeutic Modulation of Coagulation and Fibrinolysis in Acute Lung Injury and the Acute Respiratory Distress Syndrome. <i>Current Pharmaceutical Biotechnology</i> , 2011, 12, 1481-1496.	1.6	71
120	Oxygenation Saturation Index Predicts Clinical Outcomes in ARDS. <i>Chest</i> , 2017, 152, 1151-1158.	0.8	70
121	Gender Parity in Critical Care Medicine. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 196, 425-429.	5.6	69
122	Variation in <i>PTX3</i> Is Associated with Primary Graft Dysfunction after Lung Transplantation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012, 186, 546-552.	5.6	68
123	Urinary L-FABP predicts poor outcomes in critically ill patients with early acute kidney injury. <i>Kidney International</i> , 2015, 87, 640-648.	5.2	68
124	Endothelial glycocalyx degradation is more severe in patients with non-pulmonary sepsis compared to pulmonary sepsis and associates with risk of ARDS and other organ dysfunction. <i>Annals of Intensive Care</i> , 2017, 7, 102.	4.6	68
125	Association of Protein C and Type 1 Plasminogen Activator Inhibitor with Primary Graft Dysfunction. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007, 175, 69-74.	5.6	66
126	Biomarkers in Acute Lung Injury—Marking Forward Progress. <i>Critical Care Clinics</i> , 2011, 27, 661-683.	2.6	65



#	ARTICLE	IF	CITATIONS
127	Extracellular heat shock protein 72 is a marker of the stress protein response in acute lung injury. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2006, 291, L354-L361.	2.9	64
128	Identification of a common Wnt-associated genetic signature across multiple cell types in pulmonary arterial hypertension. American Journal of Physiology - Cell Physiology, 2014, 307, C415-C430.	4.6	64
129	Cell-free hemoglobin: a novel mediator of acute lung injury. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 310, L532-L541.	2.9	64
130	Validation and utility of ARDS subphenotypes identified by machine-learning models using clinical data: an observational, multicohort, retrospective analysis. Lancet Respiratory Medicine, 2022, 10, 367-377.	10.7	64
131	Higher Urine Nitric Oxide Is Associated with Improved Outcomes in Patients with Acute Lung Injury. American Journal of Respiratory and Critical Care Medicine, 2007, 175, 256-262.	5.6	63
132	Glucagon-like peptide 1 signaling inhibits allergen-induced lung IL-33 release and reduces group 2 innate lymphoid cell cytokine production in vivo. Journal of Allergy and Clinical Immunology, 2018, 142, 1515-1528.e8.	2.9	63
133	Plasma Intercellular Adhesion Molecule-1 and von Willebrand Factor in Primary Graft Dysfunction After Lung Transplantation. American Journal of Transplantation, 2007, 7, 2573-2578.	4.7	62
134	Determining the aetiology of pulmonary oedema by the oedema fluid-to-plasma protein ratio. European Respiratory Journal, 2010, 35, 331-337.	6.7	62
135	Biomarkers increase detection of active smoking and secondhand smoke exposure in critically ill patients*. Critical Care Medicine, 2011, 39, 40-45.	0.9	60
136	Early elevation of plasma von Willebrand factor antigen in pediatric acute lung injury is associated with an increased risk of death and prolonged mechanical ventilation*. Pediatric Critical Care Medicine, 2007, 8, 96-101.	0.5	59
137	Low plasma citrulline levels are associated with acute respiratory distress syndrome in patients with severe sepsis. Critical Care, 2013, 17, R10.	5.8	59
138	Plasma soluble thrombomodulin levels are associated with mortality in the acute respiratory distress syndrome. Intensive Care Medicine, 2015, 41, 470-478.	8.2	59
139	Long-Term Ozone Exposure Increases the Risk of Developing the Acute Respiratory Distress Syndrome. American Journal of Respiratory and Critical Care Medicine, 2016, 193, 1143-1150.	5.6	59
140	An Official Multi-Society Statement: The Role of Clinical Research Results in the Practice of Critical Care Medicine. American Journal of Respiratory and Critical Care Medicine, 2012, 185, 1117-1124.	5.6	57
141	Prostaglandin E2 Mediates IL-1 $\beta$ -Related Fibroblast Mitogenic Effects in Acute Lung Injury through Differential Utilization of Prostanoid Receptors. Journal of Immunology, 2008, 180, 637-646.	0.8	56
142	Is there still a role for the lung injury score in the era of the Berlin definition ARDS?. Annals of Intensive Care, 2014, 4, 4.	4.6	56
143	Gender and Acute Respiratory Distress Syndrome in Critically Injured Adults: A Prospective Study. Journal of Trauma, 2011, 71, 878-885.	2.3	55
144	Biomarkers of ALI/ARDS: Pathogenesis, Discovery, and Relevance to Clinical Trials. Seminars in Respiratory and Critical Care Medicine, 2013, 34, 537-548.	2.1	54

#	ARTICLE	IF	CITATIONS
145	Selected Contribution: Mechanisms that may stimulate the resolution of alveolar edema in the transplanted human lung. <i>Journal of Applied Physiology</i> , 2002, 93, 1869-1874.	2.5	53
146	Low levels of tissue factor lead to alveolar haemorrhage, potentiating murine acute lung injury and oxidative stress. <i>Thorax</i> , 2012, 67, 1032-1039.	5.6	53
147	A panel of lung injury biomarkers enhances the definition of primary graft dysfunction (PGD) after lung transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2012, 31, 942-949.	0.6	53
148	Coagulation and fibrinolysis in human acute lung injury-New therapeutic targets?. <i>Keio Journal of Medicine</i> , 2005, 54, 142-149.	1.1	52
149	The role of red blood cells and cell-free hemoglobin in the pathogenesis of ARDS. <i>Journal of Intensive Care</i> , 2015, 3, 20.	2.9	52
150	Plasma protein C levels in patients with acute lung injury: Prognostic significance. <i>Critical Care Medicine</i> , 2004, 32, S229-S232.	0.9	51
151	Elevated Plasma Long Pentraxin-3 Levels and Primary Graft Dysfunction After Lung Transplantation for Idiopathic Pulmonary Fibrosis. <i>American Journal of Transplantation</i> , 2011, 11, 2517-2522.	4.7	51
152	Objective Estimates Improve Risk Stratification for Primary Graft Dysfunction after Lung Transplantation. <i>American Journal of Transplantation</i> , 2015, 15, 2188-2196.	4.7	51
153	VEGF levels in the alveolar compartment do not distinguish between ARDS and hydrostatic pulmonary oedema. <i>European Respiratory Journal</i> , 2005, 26, 101-105.	6.7	50
154	Validation of a multiplex electrochemiluminescent immunoassay platform in human and mouse samples. <i>Journal of Immunological Methods</i> , 2014, 408, 13-23.	1.4	50
155	Stimulation of alveolar epithelial fluid clearance in human lungs by exogenous epinephrine*. <i>Critical Care Medicine</i> , 2006, 34, 676-681.	0.9	49
156	Neuregulin-1-Human Epidermal Receptor-2 Signaling Is a Central Regulator of Pulmonary Epithelial Permeability and Acute Lung Injury. <i>Journal of Biological Chemistry</i> , 2011, 286, 10660-10670.	3.4	49
157	Vascular endothelial cadherin shedding is more severe in sepsis patients with severe acute kidney injury. <i>Critical Care</i> , 2019, 23, 18.	5.8	49
158	Plasma sRAGE Acts as a Genetically Regulated Causal Intermediate in Sepsis-associated Acute Respiratory Distress Syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 201, 47-56.	5.6	49
159	Keratinocyte growth factor promotes cell motility during alveolar epithelial repair in vitro. <i>Experimental Cell Research</i> , 2003, 283, 215-229.	2.6	48
160	Latent Class Analysis Identifies Distinct Phenotypes of Primary Graft Dysfunction After Lung Transplantation. <i>Chest</i> , 2013, 144, 616-622.	0.8	48
161	Mesenchymal stromal cells reduce evidence of lung injury in patients with ARDS. <i>JCI Insight</i> , 2021, 6, .	5.0	48
162	Intra-alveolar tissue factor pathway inhibitor is not sufficient to block tissue factor procoagulant activity. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2008, 294, L874-L881.	2.9	47

#	ARTICLE	IF	CITATIONS
163	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.	5.6	47
164	Can nicotine treat sepsis?. <i>Nature Medicine</i> , 2004, 10, 1161-1162.	30.7	46
165	Accuracy and reproducibility of a multiplex immunoassay platform: A validation study. <i>Journal of Immunological Methods</i> , 2011, 367, 33-39.	1.4	46
166	Plasma biomarkers of inflammation, coagulation, and brain injury as predictors of delirium duration in older hospitalized patients. <i>PLoS ONE</i> , 2019, 14, e0226412.	2.5	46
167	Quantitative Evidence for Revising the Definition of Primary Graft Dysfunction after Lung Transplant. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 235-243.	5.6	45
168	Latent class analysis-derived subphenotypes are generalisable to observational cohorts of acute respiratory distress syndrome: a prospective study. <i>Thorax</i> , 2022, 77, 13-21.	5.6	45
169	Elevated Pulmonary Edema Fluid Concentrations of Soluble Intercellular Adhesion Molecule-1 in Patients With Acute Lung Injury. <i>Chest</i> , 1999, 116, 83S-84S.	0.8	44
170	The Coagulation Cascade in Sepsis. <i>Current Pharmaceutical Design</i> , 2008, 14, 1860-1869.	1.9	44
171	Vitamin D deficiency and risk of acute lung injury in severe sepsis and severe trauma: a case-control study. <i>Annals of Intensive Care</i> , 2014, 4, 5.	4.6	44
172	Gender Differences in Authorship of Critical Care Literature. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 201, 840-847.	5.6	44
173	Microarray Analysis Indicates That Pulmonary Edema Fluid From Patients With Acute Lung Injury Mediates Inflammation, Mitogen Gene Expression, and Fibroblast Proliferation Through Bioactive Interleukin-1. <i>Chest</i> , 2002, 121, 69S-70S.	0.8	43
174	Informed consent in research to improve the number and quality of deceased donor organs*. <i>Critical Care Medicine</i> , 2011, 39, 280-283.	0.9	43
175	Fibroblast Growth Factor 23 Associates with Death in Critically Ill Patients. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2018, 13, 531-541.	4.5	43
176	Peptidylarginine Deiminase 2 Suppresses Inhibitory Î³B Kinase Activity in Lipopolysaccharide-stimulated RAW 264.7 Macrophages. <i>Journal of Biological Chemistry</i> , 2010, 285, 39655-39662.	3.4	42
177	Longer storage duration of red blood cells is associated with an increased risk of acute lung injury in patients with sepsis. <i>Annals of Intensive Care</i> , 2013, 3, 33.	4.6	42
178	A Randomized Trial of the Effects of Nebulized Albuterol on Pulmonary Edema in Brain-Dead Organ Donors. <i>American Journal of Transplantation</i> , 2014, 14, 621-628.	4.7	42
179	Incidence and Outcomes of Acute Respiratory Distress Syndrome. <i>Medicine (United States)</i> , 2015, 94, e1849.	1.0	42
180	E-Cigarette or Vaping Product Useâ€‘associated Lung Injury: Developing a Research Agenda. An NIH Workshop Report. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 795-802.	5.6	42

#	ARTICLE	IF	CITATIONS
181	Acute lung injury and the coagulation pathway: potential role of gene polymorphisms in the protein C and fibrinolytic pathways. <i>Intensive Care Medicine</i> , 2006, 32, 1293-1303.	8.2	41
182	Ascorbic acid attenuates endothelial permeability triggered by cell-free hemoglobin. <i>Biochemical and Biophysical Research Communications</i> , 2018, 495, 433-437.	2.1	41
183	Plasma interleukin-8 is not an effective risk stratification tool for adults with vasopressor-dependent septic shock*. <i>Critical Care Medicine</i> , 2010, 38, 1436-1441.	0.9	40
184	Regulation of Alveolar Procoagulant Activity and Permeability in Direct Acute Lung Injury by Lung Epithelial Tissue Factor. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2015, 53, 719-727.	2.9	40
185	Relationships between markers of neurologic and endothelial injury during critical illness and long-term cognitive impairment and disability. <i>Intensive Care Medicine</i> , 2018, 44, 345-355.	8.2	40
186	Clinical Risk Factors and Prognostic Model for Primary Graft Dysfunction after Lung Transplantation in Patients with Pulmonary Hypertension. <i>Annals of the American Thoracic Society</i> , 2017, 14, 1514-1522.	3.2	39
187	Modeling human lung disease in animals. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2008, 294, L149-L150.	2.9	38
188	Elevated Plasma Clara Cell Secretory Protein Concentration Is Associated with High-Grade Primary Graft Dysfunction. <i>American Journal of Transplantation</i> , 2011, 11, 561-567.	4.7	37
189	IL-8 inhibits cAMP-stimulated alveolar epithelial fluid transport via a GRK2/PI3K-dependent mechanism. <i>FASEB Journal</i> , 2013, 27, 1095-1106.	0.5	37
190	Biomarkers in acute respiratory distress syndrome: from pathobiology to improving patient care. <i>Expert Review of Respiratory Medicine</i> , 2014, 8, 573-586.	2.5	37
191	Pulmonary alveolar proteinosis associated with a disease-modifying antirheumatoid arthritis drug. <i>Respirology</i> , 2006, 11, 663-665.	2.3	36
192	Distinct injury markers for the early detection and prognosis of incident acute kidney injury in critically ill adults with preserved kidney function. <i>Kidney International</i> , 2013, 84, 786-794.	5.2	36
193	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.	2.9	36
194	Association Between Early Postoperative Acetaminophen Exposure and Acute Kidney Injury in Pediatric Patients Undergoing Cardiac Surgery. <i>JAMA Pediatrics</i> , 2018, 172, 655.	6.2	36
195	Novel Method for Noninvasive Sampling of the Distal Airspace in Acute Respiratory Distress Syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 1027-1035.	5.6	35
196	Cell-free hemoglobin promotes primary graft dysfunction through oxidative lung endothelial injury. <i>JCI Insight</i> , 2018, 3, .	5.0	35
197	High Prevalence of Pulmonary Arterial Thrombi in Donor Lungs Rejected for Transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2005, 24, 1650-1656.	0.6	34
198	Soluble P-Selectin and the Risk of Primary Graft Dysfunction After Lung Transplantation. <i>Chest</i> , 2009, 136, 237-244.	0.8	34

#	ARTICLE	IF	CITATIONS
199	Donor Smoking Is Associated With Pulmonary Edema, Inflammation and Epithelial Dysfunction in Ex Vivo Human Donor Lungs. <i>American Journal of Transplantation</i> , 2014, 14, 2295-2302.	4.7	34
200	Elevation of Plasma Cell-Free Hemoglobin in Pulmonary Arterial Hypertension. <i>Chest</i> , 2014, 146, 1478-1485.	0.8	34
201	Circulating microparticle levels are reduced in patients with ARDS. <i>Critical Care</i> , 2017, 21, 120.	5.8	34
202	The long-lasting effects of the acute respiratory distress syndrome. <i>Expert Review of Respiratory Medicine</i> , 2020, 14, 577-586.	2.5	34
203	Precision medicine in acute respiratory distress syndrome: workshop report and recommendations for future research. <i>European Respiratory Review</i> , 2021, 30, 200317.	7.1	34
204	Quantifying the Effects of Prior Acetyl-Salicylic Acid on Sepsis-Related Deaths: An Individual Patient Data Meta-Analysis Using Propensity Matching*. <i>Critical Care Medicine</i> , 2017, 45, 1871-1879.	0.9	33
205	Cell-free hemoglobin increases inflammation, lung apoptosis, and microvascular permeability in murine polymicrobial sepsis. <i>PLoS ONE</i> , 2020, 15, e0228727.	2.5	33
206	Genetic Variation in the Prostaglandin E <sub>2</sub> Pathway Is Associated with Primary Graft Dysfunction. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 189, 567-575.	5.6	32
207	Towards a biological definition of ARDS: are treatable traits the solution?. <i>Intensive Care Medicine Experimental</i> , 2022, 10, 8.	1.9	32
208	A Genome-Wide Association Study to Identify Single-Nucleotide Polymorphisms for Acute Kidney Injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 482-490.	5.6	31
209	Designing an ARDS trial for 2020 and beyond: focus on enrichment strategies. <i>Intensive Care Medicine</i> , 2020, 46, 2153-2156.	8.2	31
210	Inflammation and Coagulation during Critical Illness and Long-Term Cognitive Impairment and Disability. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 203, 699-706.	5.6	31
211	Plasma Complement Levels Are Associated with Primary Graft Dysfunction and Mortality after Lung Transplantation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 189, 1564-1567.	5.6	30
212	The relationship between plasma lipid peroxidation products and primary graft dysfunction after lung transplantation is modified by donor smoking and reperfusion hyperoxia. <i>Journal of Heart and Lung Transplantation</i> , 2016, 35, 500-507.	0.6	30
213	Androgen receptor signaling promotes Treg suppressive function during allergic airway inflammation. <i>Journal of Clinical Investigation</i> , 2022, 132, .	8.2	30
214	Biomarkers of ARDS: what's new?. <i>Intensive Care Medicine</i> , 2016, 42, 797-799.	8.2	29
215	Adipose tissue quantification and primary graft dysfunction after lung transplantation: The Lung Transplant Body Composition study. <i>Journal of Heart and Lung Transplantation</i> , 2019, 38, 1246-1256.	0.6	29
216	Biomarkers and Precision Medicine. <i>Critical Care Clinics</i> , 2020, 36, 155-165.	2.6	29

#	ARTICLE	IF	CITATIONS
217	Physiological and biological heterogeneity in COVID-19-associated acute respiratory distress syndrome. <i>Lancet Respiratory Medicine</i> , 2020, 8, 1163-1165.	10.7	29
218	Early Changes Over Time in the Radiographic Assessment of Lung Edema Score Are Associated With Survival in ARDS. <i>Chest</i> , 2020, 158, 2394-2403.	0.8	29
219	Angiotensin-2 outperforms other endothelial biomarkers associated with severe acute kidney injury in patients with severe sepsis and respiratory failure. <i>Critical Care</i> , 2021, 25, 48.	5.8	29
220	Intratracheal bleomycin causes airway remodeling and airflow obstruction in mice. <i>Experimental Lung Research</i> , 2012, 38, 135-146.	1.2	28
221	Elevated Plasma Angiotensin-2 Levels and Primary Graft Dysfunction after Lung Transplantation. <i>PLoS ONE</i> , 2012, 7, e51932.	2.5	28
222	Primary graft dysfunction: pathophysiology to guide new preventive therapies. <i>Expert Review of Respiratory Medicine</i> , 2017, 11, 119-128.	2.5	28
223	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.	1.6	28
224	Case of fulminant hepatic failure due to unrecognized peripartum cardiomyopathy. <i>Critical Care Medicine</i> , 2005, 33, 891-893.	0.9	27
225	Fatty acid transduction of nitric oxide signaling: nitrooleic acid mediates protective effects through regulation of the ERK pathway. <i>Free Radical Biology and Medicine</i> , 2009, 46, 866-875.	2.9	27
226	Peripheral blood leukocyte telomere length is associated with survival of sepsis patients. <i>European Respiratory Journal</i> , 2020, 55, 1901044.	6.7	27
227	Plasma monocyte chemotactic protein-1 levels at 24 hours are a biomarker of primary graft dysfunction after lung transplantation. <i>Translational Research</i> , 2012, 160, 435-442.	5.0	26
228	Cell-free hemoglobin augments acute kidney injury during experimental sepsis. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 317, F922-F929.	2.7	26
229	The Role of Circulating Cell-Free Hemoglobin in Sepsis-Associated Acute Kidney Injury. <i>Seminars in Nephrology</i> , 2020, 40, 148-159.	1.6	26
230	Association of common genetic variation in the protein C pathway genes with clinical outcomes in acute respiratory distress syndrome. <i>Critical Care</i> , 2016, 20, 151.	5.8	25
231	External validation of a biomarker and clinical prediction model for hospital mortality in acute respiratory distress syndrome. <i>Intensive Care Medicine</i> , 2017, 43, 1123-1131.	8.2	25
232	The ex vivo human lung: research value for translational science. <i>JCI Insight</i> , 2019, 4, .	5.0	24
233	Alveolar epithelial glycocalyx degradation mediates surfactant dysfunction and contributes to acute respiratory distress syndrome. <i>JCI Insight</i> , 2022, 7, .	5.0	24
234	Laminin $\beta$ 2 fragments are increased in the circulation of patients with early phase acute lung injury. <i>Intensive Care Medicine</i> , 2010, 36, 479-486.	8.2	23

#	ARTICLE	IF	CITATIONS
235	The severity of shock is associated with impaired rates of net alveolar fluid clearance in clinical acute lung injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2012, 303, L550-L555.	2.9	23
236	Comparison of chest radiograph scoring to lung weight as a quantitative index of pulmonary edema in organ donors. <i>Clinical Transplantation</i> , 2012, 26, 665-671.	1.6	23
237	Protein Quantitative Trait Loci Analysis Identifies Genetic Variation in the Innate Immune Regulator TOLLIP. <i>American Journal of Transplantation</i> , 2016, 16, 833-840.	4.7	23
238	Interferon- $\beta$ and tumor necrosis factor- $\alpha$ act synergistically to up-regulate tissue factor in alveolar epithelial cells. <i>Experimental Lung Research</i> , 2011, 37, 509-517.	1.2	22
239	Early exposure to hyperoxia and mortality in critically ill patients with severe traumatic injuries. <i>BMC Pulmonary Medicine</i> , 2017, 17, 29.	2.0	22
240	Multiplatform Single-Cell Analysis Identifies Immune Cell Types Enhanced in Pulmonary Fibrosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2022, 67, 50-60.	2.9	22
241	Use of pragmatic and explanatory trial designs in acute care research: lessons from COVID-19. <i>Lancet Respiratory Medicine</i> , 2022, 10, 700-714.	10.7	22
242	HMG-CoA Reductase Activation and Urinary Pellet Cholesterol Elevations in Acute Kidney Injury. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2011, 6, 2108-2113.	4.5	21
243	Training the next generation of physician researchers – Vanderbilt Medical Scholars Program. <i>BMC Medical Education</i> , 2018, 18, 5.	2.4	21
244	Hyperoxemia and Cerebral Vasospasm in Aneurysmal Subarachnoid Hemorrhage. <i>Neurocritical Care</i> , 2021, 35, 30-38.	2.4	21
245	Haptoglobin-2 variant increases susceptibility to acute respiratory distress syndrome during sepsis. <i>JCI Insight</i> , 2019, 4, .	5.0	20
246	Alveolar fluid clearance is faster in women with acute lung injury compared to men. <i>Journal of Critical Care</i> , 2011, 26, 249-256.	2.2	18
247	Effect of Single vs Bilateral Lung Transplantation on Plasma Surfactant Protein D Levels in Idiopathic Pulmonary Fibrosis. <i>Chest</i> , 2011, 140, 489-496.	0.8	18
248	Preoperative Plasma Club (Clara) Cell Secretory Protein Levels Are Associated With Primary Graft Dysfunction After Lung Transplantation. <i>American Journal of Transplantation</i> , 2014, 14, 446-452.	4.7	18
249	Long-term ozone exposure is positively associated with telomere length in critically ill patients. <i>Environment International</i> , 2020, 141, 105780.	10.0	18
250	Autopsy in ARDS: insights into natural history. <i>Lancet Respiratory Medicine</i> , 2013, 1, 352-354.	10.7	17
251	Early Plasma Soluble Receptor for Advanced Glycation End-Product Levels Are Associated With Bronchiolitis Obliterans Syndrome. <i>American Journal of Transplantation</i> , 2013, 13, 754-759.	4.7	17
252	Accuracy of the Radiographic Assessment of Lung Edema Score for the Diagnosis of ARDS. <i>Frontiers in Physiology</i> , 2021, 12, 672823.	2.8	17

#	ARTICLE	IF	CITATIONS
253	Biomarkers in acute respiratory distress syndrome. <i>Current Opinion in Critical Care</i> , 2021, 27, 46-54.	3.2	17
254	Prognostic factors in the acute respiratory distress syndrome. <i>Clinical and Translational Medicine</i> , 2015, 4, 65.	4.0	16
255	Markers of Inflammation and Coagulation May Be Modulated by Enteral Feeding Strategy. <i>Journal of Parenteral and Enteral Nutrition</i> , 2012, 36, 732-740.	2.6	15
256	Vitamin D and delirium in critically ill patients: a preliminary investigation. <i>Journal of Critical Care</i> , 2013, 28, 230-235.	2.2	15
257	Secretory IgA from submucosal glands does not compensate for its airway surface deficiency in chronic obstructive pulmonary disease. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2015, 467, 657-665.	2.8	15
258	Prospective Cohort Study of Renin-Angiotensin System Blocker Usage after Hospitalized Acute Kidney Injury. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2021, 16, 26-36.	4.5	15
259	Toxic effects of cell-free hemoglobin on the microvascular endothelium: implications for pulmonary and nonpulmonary organ dysfunction. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021, 321, L429-L439.	2.9	15
260	Vascular pedicle width in acute lung injury: correlation with intravascular pressures and ability to discriminate fluid status. <i>Critical Care</i> , 2011, 15, R86.	5.8	14
261	Advancing donor management research: design and implementation of a large, randomized, placebo-controlled trial. <i>Annals of Intensive Care</i> , 2011, 1, 20.	4.6	14
262	A Bayesian approach for generalized linear models with explanatory biomarker measurement variables subject to detection limit: an application to acute lung injury. <i>Journal of Applied Statistics</i> , 2012, 39, 1733-1747.	1.3	14
263	Resolution of Alveolar Edema in Acute Respiratory Distress Syndrome. <i>Physiology and Biology. American Journal of Respiratory and Critical Care Medicine</i> , 2015, 192, 124-125.	5.6	14
264	Myeloid tissue factor does not modulate lung inflammation or permeability during experimental acute lung injury. <i>Scientific Reports</i> , 2016, 6, 22249.	3.3	14
265	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.	0.9	14
266	A common deletion in the haptoglobin gene associated with blood cholesterol levels among Chinese women. <i>Journal of Human Genetics</i> , 2017, 62, 911-914.	2.3	14
267	Bronchoalveolar fluid and plasma inflammatory biomarkers in contemporary ARDS patients. <i>Biomarkers</i> , 2019, 24, 352-359.	1.9	14
268	Acute lung injury and acute respiratory distress syndrome: mechanisms and potential new therapies. <i>Drug Discovery Today Disease Mechanisms</i> , 2004, 1, 123-128.	0.8	13
269	Approach to the Patient with the Acute Respiratory Distress Syndrome. <i>Clinics in Chest Medicine</i> , 2014, 35, 685-696.	2.1	13
270	Modulation of Alveolar Fluid Clearance by Acute Inflammation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2004, 169, 332-333.	5.6	12



#	ARTICLE	IF	CITATIONS
271	Clinical trial design in acute respiratory distress syndrome: facing down the complexity. <i>Journal of Critical Care</i> , 2006, 21, 32-37.	2.2	12
272	Mechanical Stretch Inhibits Lipopolysaccharide-induced Keratinocyte-derived Chemokine and Tissue Factor Expression While Increasing Procoagulant Activity in Murine Lung Epithelial Cells. <i>Journal of Biological Chemistry</i> , 2013, 288, 7875-7884.	3.4	12
273	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.	3.6	12
274	Acute Lung Injury. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2013, 34, 439-440.	2.1	11
275	Standardization of methods for sampling the distal airspace in mechanically ventilated patients using heat moisture exchange filter fluid. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021, 320, L785-L790.	2.9	11
276	Identification of persistent and resolving subphenotypes of acute hypoxemic respiratory failure in two independent cohorts. <i>Critical Care</i> , 2021, 25, 336.	5.8	11
277	Characterization of Immunopathology and Small Airway Remodeling in Constrictive Bronchiolitis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, , .	5.6	11
278	External Validity of Electronic Sniffers for Automated Recognition of Acute Respiratory Distress Syndrome. <i>Journal of Intensive Care Medicine</i> , 2019, 34, 946-954.	2.8	10
279	<i>MUC5B</i> Promoter Polymorphism and Development of Acute Respiratory Distress Syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, 1342-1345.	5.6	9
280	Linear Association Between Hypoalbuminemia and Increased Risk of Acute Respiratory Distress Syndrome in Critically Ill Adults. , 2021, 3, e0527.		9
281	A Bayesian Approach for the Cox Proportional Hazards Model with Covariates Subject to Detection Limit. <i>International Journal of Statistics in Medical Research</i> , 2014, 3, 32-43.	1.0	9
282	Aspirin Attenuates Hyperoxia-Induced Acute Respiratory Distress Syndrome (ARDS) by Suppressing Pulmonary Inflammation via the NF- $\kappa$ B Signaling Pathway. <i>Frontiers in Pharmacology</i> , 2021, 12, 793107.	3.5	9
283	New Insights into Clinical and Mechanistic Heterogeneity of the Acute Respiratory Distress Syndrome: Summary of the Aspen Lung Conference 2021. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2022, 67, 284-308.	2.9	9
284	Beyond fishing: the role of discovery proteomics in mechanistic lung research. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2009, 296, L12-L13.	2.9	8
285	Cell-Free Hemoglobin-mediated Increases in Vascular Permeability. A Novel Mechanism of Primary Graft Dysfunction and a New Therapeutic Target. <i>Annals of the American Thoracic Society</i> , 2017, 14, S251-S252.	3.2	8
286	Shedding New Light on Platelet Extracellular Vesicles in Sickle Cell Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 201, 1-2.	5.6	8
287	A deliberate path toward diversity, equity, and inclusion within the ASCI. <i>Journal of Clinical Investigation</i> , 2020, 130, 5031-5032.	8.2	8
288	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.	2.9	8

#	ARTICLE	IF	CITATIONS
289	Design and Rationale of the Sevoflurane for Sedation in Acute Respiratory Distress Syndrome (SESAR) Randomized Controlled Trial. <i>Journal of Clinical Medicine</i> , 2022, 11, 2796.	2.4	8
290	An Iron Refractory Phenotype in Obese Adipose Tissue Macrophages Leads to Adipocyte Iron Overload. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7417.	4.1	8
291	Measuring microvascular blood flow in sepsis—a continuing challenge. <i>Lancet</i> , The, 2002, 360, 1187-1188.	13.7	7
292	Kinetics of lung tissue factor expression and procoagulant activity in bleomycin induced acute lung injury. <i>Clinical and Translational Medicine</i> , 2015, 4, 63.	4.0	7
293	How could biomarkers of ARDS and AKI drive clinical strategies?. <i>Intensive Care Medicine</i> , 2016, 42, 800-802.	8.2	7
294	GBT1118, a compound that increases the oxygen affinity of hemoglobin, improves survival in murine hypoxic acute lung injury. <i>Journal of Applied Physiology</i> , 2018, 124, 899-905.	2.5	7
295	The NLRP3 inflammasome in macrophages is stimulated by cell-free hemoglobin. <i>Physiological Reports</i> , 2020, 8, e14589.	1.7	7
296	Haptoglobin genotype predicts severe acute vaso-occlusive pain episodes in children with sickle cell anemia. <i>American Journal of Hematology</i> , 2020, 95, E92-E95.	4.1	7
297	Risk of primary graft dysfunction following lung transplantation in selected adults with connective tissue disease-associated interstitial lung disease. <i>Journal of Heart and Lung Transplantation</i> , 2021, 40, 351-358.	0.6	7
298	Role of Lysocardiolipin Acyltransferase in Cigarette Smoke-Induced Lung Epithelial Cell Mitochondrial ROS, Mitochondrial Dynamics, and Apoptosis. <i>Cell Biochemistry and Biophysics</i> , 2022, 80, 203-216.	1.8	7
299	Secretory Cells Are the Primary Source of plgR in Small Airways. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2022, 67, 334-345.	2.9	7
300	Clinical Year in Review I: Interstitial Lung Disease, Pulmonary Vascular Disease, Pulmonary Infections, and Cardiopulmonary Exercise Testing and Pulmonary Rehabilitation. <i>Proceedings of the American Thoracic Society</i> , 2009, 6, 487-493.	3.5	6
301	The Continued Need for Clinical Trials in Deceased Organ Donor Management. <i>Transplantation</i> , 2019, 103, 1298-1299.	1.0	6
302	Association of neuronal repair biomarkers with delirium among survivors of critical illness. <i>Journal of Critical Care</i> , 2020, 56, 94-99.	2.2	6
303	Cortactin Modulates Lung Endothelial Apoptosis Induced by Cigarette Smoke. <i>Cells</i> , 2021, 10, 2869.	4.1	6
304	Go with the Flow: Expanding the Definition of Acute Respiratory Distress Syndrome to Include High-Flow Nasal Oxygen. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 205, 380-382.	5.6	6
305	Keratinocyte growth factor as an epithelial protective agent: Where do we stand?. <i>International Journal of Radiation Oncology Biology Physics</i> , 2004, 60, 1345-1346.	0.8	5
306	Clinical Year in Review III: Asthma, Lung Transplantation, Cystic Fibrosis, Acute Respiratory Distress Syndrome. <i>Proceedings of the American Thoracic Society</i> , 2007, 4, 489-493.	3.5	5

#	ARTICLE	IF	CITATIONS
307	Design, conduct, and analysis of a multicenter, pharmacogenomic, biomarker study in matched patients with severe sepsis treated with or without drotrecogin Alfa (activated). <i>Annals of Intensive Care</i> , 2012, 2, 15.	4.6	5
308	Postoperative Estradiol Levels Associate With Development of Primary Graft Dysfunction in Lung Transplantation Patients. <i>Gender Medicine</i> , 2012, 9, 154-165.	1.4	5
309	Elevated serum creatine phosphokinase is associated with mortality and inotropic requirement in critically injured adults. <i>Injury</i> , 2014, 45, 2096-2100.	1.7	5
310	Selective tumour necrosis factor receptor-1 inhibition in acute lung injury: a new hope or a false dawn?. <i>Thorax</i> , 2018, 73, 699-701.	5.6	5
311	Clinical and Genetic Contributors to New-Onset Atrial Fibrillation in Critically Ill Adults*. <i>Critical Care Medicine</i> , 2020, 48, 22-30.	0.9	5
312	Cigarette Smoke and Nicotine-Containing Electronic-Cigarette Vapor Downregulate Lung WWOX Expression, Which Is Associated with Increased Severity of Murine Acute Respiratory Distress Syndrome. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2021, 64, 89-99.	2.9	5
313	Impact of Clinician Recognition of Acute Respiratory Distress Syndrome on Evidenced-Based Interventions in the Medical ICU. , 2021, 3, e0457.		5
314	Biomarkers in Critical Illness: New Insights and Challenges for the Future. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 196, 944-945.	5.6	5
315	Understanding the role of NOS-3 in ventilator-induced lung injury: don't take NO for an answer. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2010, 299, L147-L149.	2.9	4
316	Plasma Biomarkers in Acute Respiratory Distress Syndrome. <i>Critical Care Medicine</i> , 2014, 42, 755-756.	0.9	4
317	Targeting resolution of pulmonary edema in primary graft dysfunction after lung transplantation: Is inhaled AP301 the answer?. <i>Journal of Heart and Lung Transplantation</i> , 2018, 37, 189-191.	0.6	4
318	Clinical Year in Review II: Sepsis, Mechanical Ventilation, Occupational and Environmental Lung Disease, and Sleep. <i>Proceedings of the American Thoracic Society</i> , 2009, 6, 494-499.	3.5	3
319	The needle in the haystack: searching for biomarkers in acute respiratory distress syndrome. <i>Critical Care</i> , 2013, 17, 192.	5.8	3
320	Thinking outside the cell: how cell-free hemoglobin can potentiate acute lung injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2014, 306, L231-L232.	2.9	3
321	Transfusion-induced Lung Endothelial Injury: A DAMP Death?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 190, 1331-1332.	5.6	3
322	Fanning the Fire: Can Methemoglobin Enhance Neutrophil Activation?. <i>EBioMedicine</i> , 2015, 2, 184-185.	6.1	3
323	What's new with biomarker-driven clinical strategy in sepsis and circulatory failure?. <i>Intensive Care Medicine</i> , 2016, 42, 418-421.	8.2	3
324	Pediatric Acute Respiratory Distress Syndrome: Increase the Positive End-Expiratory Pressure?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, 7-9.	5.6	3

#	ARTICLE	IF	CITATIONS
325	Postreperfusion plasma endothelial activation markers are associated with acute kidney injury after lung transplantation. <i>American Journal of Transplantation</i> , 2019, 19, 2366-2373.	4.7	3
326	Changes in Plasma Soluble Receptor for Advanced Glycation End-Products Are Associated with Survival in Patients with Acute Respiratory Distress Syndrome. <i>Journal of Clinical Medicine</i> , 2021, 10, 2076.	2.4	3
327	Achieved blood pressure post-acute kidney injury and risk of adverse outcomes after AKI: A prospective parallel cohort study. <i>BMC Nephrology</i> , 2021, 22, 270.	1.8	3
328	Biomarkers of lung injury in primary graft dysfunction following lung transplantation. <i>Biomarkers in Medicine</i> , 2007, 1, 285-291.	1.4	2
329	Clinical Year in Review IV: Acute Respiratory Distress Syndrome, Radiology in the Intensive Care Unit, Nonpulmonary Critical Care, and Pulmonary Infections in the Immunocompromised Host. <i>Proceedings of the American Thoracic Society</i> , 2008, 5, 755-760.	3.5	2
330	Physiology, reductionism, and translational medicine: the right mix. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2011, 301, L389-L390.	2.9	2
331	Acute lung injury. <i>Critical Care Medicine</i> , 2012, 40, 694-695.	0.9	2
332	The authors reply. <i>Critical Care Medicine</i> , 2013, 41, e186.	0.9	2
333	Pharmacogenomic biomarkers do not predict response to drotrecogin alfa in patients with severe sepsis. <i>Annals of Intensive Care</i> , 2018, 8, 16.	4.6	2
334	Cell-free hemoglobin-mediated human lung microvascular endothelial barrier dysfunction is not mediated by cell death. <i>Biochemical and Biophysical Research Communications</i> , 2021, 556, 199-206.	2.1	2
335	Quantification of lung recruitment by respiratory mechanics and CT imaging: what are the clinical implications?. <i>Annals of Translational Medicine</i> , 2016, 4, 145-145.	1.7	2
336	Blocking P2X7 receptor with AZ 10606120 exacerbates vascular hyperpermeability and inflammation in murine polymicrobial sepsis. <i>Physiological Reports</i> , 2022, 10, .	1.7	2
337	Upcoming and urgent challenges in critical care research based on COVID-19 pandemic experience. <i>Anaesthesia, Critical Care &amp; Pain Medicine</i> , 2022, , 101121.	1.4	2
338	Advances in the Pathogenesis and Treatment of the Acute Respiratory Distress Syndrome. <i>Clinical Pulmonary Medicine</i> , 2003, 10, 208-218.	0.3	1
339	A new era of opportunities in lung research. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2006, 290, L1-L1.	2.9	1
340	The Role of Coagulation and Fibrinolysis in the Pathogenesis of Acute Lung Injury. <i>Current Respiratory Medicine Reviews</i> , 2006, 2, 157-171.	0.2	1
341	Perspectives, translational research, and letters to the editor. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2006, 290, L621-L621.	2.9	1
342	Biomarkers of cardiac injury in acute respiratory distress syndrome: Getting to the heart of the matter*. <i>Critical Care Medicine</i> , 2007, 35, 2638-2639.	0.9	1

#	ARTICLE	IF	CITATIONS
343	Genome Wide Association (GWA) Identifies Functional Susceptibility Loci For Trauma-Associated Acute Lung Injury. , 2010, , .		1
344	Acute respiratory distress syndrome: from TRALI to trials. Lancet Respiratory Medicine,the, 2013, 1, e1-e2.	10.7	1
345	ARDS: New Mechanistic Insights, New Therapeutic Directions. Clinics in Chest Medicine, 2014, 35, xv-xvi.	2.1	1
346	How Well Does Whole Genome Sequencing Improve Ability to Detect Association with Asthma in Candidate Genes Compared to Existing GWAS Platforms in African American Populations?. Journal of Allergy and Clinical Immunology, 2015, 135, AB164.	2.9	1
347	What are the pathologic and pathophysiologic changes that accompany ARDS?. , 2020, , 95-102.e1.		1
348	Role of the Epithelial Glycocalyx in Maintaining the Alveolarâ€œCapillary Barrier During Acute Lung Injury. FASEB Journal, 2020, 34, 1-1.	0.5	1
349	Unrecognized Peripartum Cardiomyopathy. Critical Care Medicine, 2005, 33, 1893.	0.9	0
350	Differential Effects Of Single And Bilateral Lung Transplantation On Serum Surfactant Protein D Levels In Subjects With Idiopathic Pulmonary Fibrosis. , 2010, , .		0
351	Obesity Is Associated With An Increased Risk Of Primary Graft Dysfunction After Lung Transplantation: The LTOG Obesity Study. , 2010, , .		0
352	Lipid Peroxidation As Measured By Plasma Levels Of Isoprostanes And Isofurans Is Associated With Organ Failure In Severe Sepsis. , 2010, , .		0
353	Plasma IL-8 As A Risk Stratification Tool For Adults With Septic Shock. , 2010, , .		0
354	What Is the Natural History of a Patient with ARDS?. , 2010, , 68-72.		0
355	Elevated Monocyte Chemotactic Protein-1 (MCP-1) Is Associated With Primary Graft Dysfunction Following Lung Transplantation. , 2011, , .		0
356	The HER2 Ligand Neuregulin Is Detectable And Elevated In Edema Fluid, Broncho-Alveolar Lavage And Plasma From Patients With Acute Lung Injury Compared With Controls. , 2011, , .		0
357	Microparticles Isolated From ARDS Patients Have Proinflammatory And Procoagulant Effects On The Alveolar Epithelium. , 2011, , .		0
358	Genetic Variation In Prostaglandin E2 Family Members Is Associated With The Development Of Primary Graft Dysfunction After Lung Transplantation. , 2011, , .		0
359	Serum Leptin Does Not Correlate With Severity Of Illness Or Outcomes In Acute Lung Injury. , 2011, , .		0
360	Circulating DNA Is Elevated In The Plasma Of Severe Sepsis Patients With Acute Lung Injury. , 2011, , .		0

#	ARTICLE	IF	CITATIONS
361	LPS Inhibits TNF- $\alpha$ -Induced Pro-Coagulant Responses But Not Inflammatory Responses In Pulmonary Epithelial Cells. , 2011, , .		0
362	Genotype-Phenotype Studies On The Role Of CD177 In Sepsis. , 2012, , .		0
363	Imputation from 328 African Ancestry Genomes Reveals New Associations with Asthma in DPP10. Journal of Allergy and Clinical Immunology, 2015, 135, AB162.	2.9	0
364	The Authors Reply. Kidney International, 2015, 88, 639-640.	5.2	0
365	The authors reply. Critical Care Medicine, 2016, 44, e307.	0.9	0
366	The authors reply. Critical Care Medicine, 2016, 44, e771-e771.	0.9	0
367	The authors reply. Critical Care Medicine, 2016, 44, e769-e770.	0.9	0
368	1055: HYPOALBUMINEMIA IS ASSOCIATED WITH INCREASED RISK OF ARDS IN CRITICALLY ILL ADULTS. Critical Care Medicine, 2018, 46, 511-511.	0.9	0
369	Eyes wide open on bronchial aeration in acute respiratory distress syndrome. Anaesthesia, Critical Care & Pain Medicine, 2020, 39, 191-192.	1.4	0
370	Reply to Yasuma etÂal.. American Journal of Respiratory and Critical Care Medicine, 2021, 204, 613-614.	5.6	0
371	Physician-scientists in the pandemic era: tidal wave or rising tide?. Journal of Clinical Investigation, 2021, 131, .	8.2	0
372	IL-8 Inhibits cAMP- $\alpha$ -stimulated Alveolar Epithelial Fluid Transport via a GRK2/PI3K- $\alpha$ -dependent Mechanism. FASEB Journal, 2013, 27, 913.6.	0.5	0
373	Tissue Factor Enhances the Alveolar Epithelial Barrier Integrity during Acute Lung Injury. FASEB Journal, 2018, 32, 745.2.	0.5	0
374	Deconstructing pulmonary fibrosis at single-cell resolution. FASEB Journal, 2019, 33, 847.3.	0.5	0
375	Oxidized Hemoglobin Causes Human Lung Microvascular Endothelial Barrier Dysfunction. FASEB Journal, 2020, 34, 1-1.	0.5	0
376	Human Lung Microvascular Endothelial Cell Death in Response to Cell-free Hemoglobin. FASEB Journal, 2020, 34, 1-1.	0.5	0
377	Cell-free Hemoglobin Increases Leukocyte Adhesion and Mitochondrial Oxidative Damage in the Pulmonary Microvascular Endothelium. FASEB Journal, 2022, 36, .	0.5	0
378	Cell-free Hemoglobin-Oxidized LDL Axis Contributes to Microvascular Endothelial Barrier Dysfunction and Poor Outcomes During Sepsis. FASEB Journal, 2022, 36, .	0.5	0