

# Lorraine B Ware

## List of Publications by Citations

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

330  
papers

28,567  
citations

82  
h-index

162  
g-index

394  
ext. papers

33,918  
ext. citations

7.8  
avg, IF

7.29  
L-index

#	Paper	IF	Citations
330	The acute respiratory distress syndrome. <i>New England Journal of Medicine</i> , <b>2000</b> , 342, 1334-49	59.2	5180
329	The acute respiratory distress syndrome. <i>Journal of Clinical Investigation</i> , <b>2012</b> , 122, 2731-40	15.9	1144
328	Comparison of the SpO <sub>2</sub> /FIO <sub>2</sub> ratio and the PaO <sub>2</sub> /FIO <sub>2</sub> ratio in patients with acute lung injury or ARDS. <i>Chest</i> , <b>2007</b> , 132, 410-7	5.3	939
327	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> , <b>2001</b> , 163, 1376-83	10.3	711
326	Subphenotypes in acute respiratory distress syndrome: latent class analysis of data from two randomised controlled trials. <i>Lancet Respiratory Medicine</i> , <b>2014</b> , 2, 611-20	35.1	596
325	Pathogenetic and prognostic significance of altered coagulation and fibrinolysis in acute lung injury/acute respiratory distress syndrome. <i>Critical Care Medicine</i> , <b>2007</b> , 35, 1821-8	1.4	534
324	The outcome of neutrophil gelatinase-associated lipocalin-positive subclinical acute kidney injury: a multicenter pooled analysis of prospective studies. <i>Journal of the American College of Cardiology</i> , <b>2011</b> , 57, 1752-61	15.1	485
323	Clinical practice. Acute pulmonary edema. <i>New England Journal of Medicine</i> , <b>2005</b> , 353, 2788-96	59.2	460
322	Hydrostatic mechanisms may contribute to the pathogenesis of human re-expansion pulmonary edema. <i>Intensive Care Medicine</i> , <b>2004</b> , 30, 1921-6	14.5	446
321	Pathophysiology of acute lung injury and the acute respiratory distress syndrome. <i>Seminars in Respiratory and Critical Care Medicine</i> , <b>2006</b> , 27, 337-49	3.9	404
320	Clinical risk factors for primary graft dysfunction after lung transplantation. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2013</b> , 187, 527-34	10.2	369
319	Inflammasome-regulated cytokines are critical mediators of acute lung injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2012</b> , 185, 1225-34	10.2	367
318	Acute Respiratory Distress Syndrome Subphenotypes Respond Differently to Randomized Fluid Management Strategy. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2017</b> , 195, 331-338	10.2	348
317	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> , <b>2006</b> , 173, 1008-15	10.2	329
316	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> , <b>2008</b> , 294, L1119-26	5.8	314
315	Hyperoxia causes angiotensin 2-mediated acute lung injury and necrotic cell death. <i>Nature Medicine</i> , <b>2006</b> , 12, 1286-93	50.5	273
314	Management of the critically ill patient with severe acute pancreatitis. <i>Critical Care Medicine</i> , <b>2004</b> , 32, 2524-36	1.4	270

313	Protein C and thrombomodulin in human acute lung injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2003</b> , 285, L514-21	5.8	260
312	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> , <b>2003</b> , 285, L20-8	5.8	253
311	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> , <b>2002</b> , 282, L924-40	5.8	253
310	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> , <b>2002</b> , 161, 1783-96	5.8	253
309	Prognostic and pathogenetic value of combining clinical and biochemical indices in patients with acute lung injury. <i>Chest</i> , <b>2010</b> , 137, 288-96	5.3	242
308	Biological markers of acute kidney injury. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2011</b> , 22, 810-20	12.7	230
307	Significance of von Willebrand factor in septic and nonseptic patients with acute lung injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2004</b> , 170, 766-72	10.2	215
306	Distinct molecular phenotypes of direct vs indirect ARDS in single-center and multicenter studies. <i>Chest</i> , <b>2015</b> , 147, 1539-1548	5.3	208
305	Plasma receptor for advanced glycation end products and clinical outcomes in acute lung injury. <i>Thorax</i> , <b>2008</b> , 63, 1083-9	7.3	208
304	Plasma surfactant protein levels and clinical outcomes in patients with acute lung injury. <i>Thorax</i> , <b>2003</b> , 58, 983-8	7.3	200
303	Single-cell RNA sequencing reveals profibrotic roles of distinct epithelial and mesenchymal lineages in pulmonary fibrosis. <i>Science Advances</i> , <b>2020</b> , 6, eaba1972	14.3	190
302	Urine neutrophil gelatinase-associated lipocalin moderately predicts acute kidney injury in critically ill adults. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2009</b> , 20, 1823-32	12.7	188
301	Trauma-associated lung injury differs clinically and biologically from acute lung injury due to other clinical disorders. <i>Critical Care Medicine</i> , <b>2007</b> , 35, 2243-50	1.4	179
300	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> , <b>2009</b> , 37, 1317-21	1.4	172
299	Treatment of ARDS. <i>Chest</i> , <b>2001</b> , 120, 1347-67	5.3	157
298	Assembly of a pan-genome from deep sequencing of 910 humans of African descent. <i>Nature Genetics</i> , <b>2019</b> , 51, 30-35	36.3	153
297	Elevated plasma levels of soluble TNF receptors are associated with morbidity and mortality in patients with acute lung injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2005</b> , 288, L426-31	5.8	150
296	Increased levels of nitrate and surfactant protein a nitration in the pulmonary edema fluid of patients with acute lung injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2001</b> , 163, 166-72	10.2	149

295	Mesenchymal stem cells: mechanisms of potential therapeutic benefit in ARDS and sepsis. <i>Lancet Respiratory Medicine</i> , <b>2014</b> , 2, 1016-26	35.1	147
294	Assessment of lungs rejected for transplantation and implications for donor selection. <i>Lancet, The</i> , <b>2002</b> , 360, 619-20	40	147
293	Pulmonary edema fluid from patients with acute lung injury augments in vitro alveolar epithelial repair by an IL-1beta-dependent mechanism. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2001</b> , 163, 1384-8	10.2	146
292	Prehospital statin and aspirin use and the prevalence of severe sepsis and acute lung injury/acute respiratory distress syndrome. <i>Critical Care Medicine</i> , <b>2011</b> , 39, 1343-50	1.4	145
291	Clinical trials in acute respiratory distress syndrome: challenges and opportunities. <i>Lancet Respiratory Medicine</i> , <b>2017</b> , 5, 524-534	35.1	140
290	Alveolar epithelial fluid transport and the resolution of clinically severe hydrostatic pulmonary edema. <i>Journal of Applied Physiology</i> , <b>1999</b> , 87, 1301-12	3.7	137
289	Dietary zinc alters the microbiota and decreases resistance to Clostridium difficile infection. <i>Nature Medicine</i> , <b>2016</b> , 22, 1330-1334	50.5	136
288	Severity scoring of lung oedema on the chest radiograph is associated with clinical outcomes in ARDS. <i>Thorax</i> , <b>2018</b> , 73, 840-846	7.3	134
287	Effect of Aspirin on Development of ARDS in At-Risk Patients Presenting to the Emergency Department: The LIPS-A Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , <b>2016</b> , 315, 2406-14	27.4	132
286	Biomarkers of lung epithelial injury and inflammation distinguish severe sepsis patients with acute respiratory distress syndrome. <i>Critical Care</i> , <b>2013</b> , 17, R253	10.8	128
285	Pathogenesis of Acute Respiratory Distress Syndrome. <i>Seminars in Respiratory and Critical Care Medicine</i> , <b>2019</b> , 40, 31-39	3.9	123
284	Neutrophil extracellular traps are pathogenic in primary graft dysfunction after lung transplantation. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2015</b> , 191, 455-63	10.2	121
283	Biomarkers of inflammation, coagulation and fibrinolysis predict mortality in acute lung injury. <i>Critical Care</i> , <b>2008</b> , 12, R41	10.8	121
282	The association between BMI and plasma cytokine levels in patients with acute lung injury. <i>Chest</i> , <b>2010</b> , 138, 568-77	5.3	120
281	Plasma levels of receptor for advanced glycation end products, blood transfusion, and risk of primary graft dysfunction. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2009</b> , 180, 1010-5	10.2	118
280	Alveolar epithelial fluid transport capacity in reperfusion lung injury after lung transplantation. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>1999</b> , 159, 980-8	10.2	117
279	Prognostic determinants of acute respiratory distress syndrome in adults: impact on clinical trial design. <i>Critical Care Medicine</i> , <b>2005</b> , 33, S217-22	1.4	116
278	von Willebrand factor antigen is an independent marker of poor outcome in patients with early acute lung injury. <i>Critical Care Medicine</i> , <b>2001</b> , 29, 2325-31	1.4	114

277	Predictive and pathogenetic value of plasma biomarkers for acute kidney injury in patients with acute lung injury *. <i>Critical Care Medicine</i> , <b>2007</b> , 35, 2755-2761	1.4	114
276	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> , <b>2004</b> , 172, 2668-77	5.3	111
275	Predictive and pathogenetic value of plasma biomarkers for acute kidney injury in patients with acute lung injury. <i>Critical Care Medicine</i> , <b>2007</b> , 35, 2755-61	1.4	111
274	The alveolar epithelium can initiate the extrinsic coagulation cascade through expression of tissue factor. <i>Thorax</i> , <b>2007</b> , 62, 608-16	7.3	110
273	Prognostic value of surfactant proteins A and D in patients with acute lung injury. <i>Critical Care Medicine</i> , <b>2003</b> , 31, 20-7	1.4	110
272	Extensive phenotyping of individuals at risk for familial interstitial pneumonia reveals clues to the pathogenesis of interstitial lung disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2015</b> , 191, 417-26	10.2	109
271	Procoagulant alveolar microparticles in the lungs of patients with acute respiratory distress syndrome. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2009</b> , 297, L1035-41	5.8	107
270	Acute lung injury in patients with traumatic injuries: utility of a panel of biomarkers for diagnosis and pathogenesis. <i>Journal of Trauma</i> , <b>2010</b> , 68, 1121-7		107
269	MCP-1 gene activation marks acute kidney injury. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2011</b> , 22, 165-75	12.7	105
268	Timing of Intubation and Clinical Outcomes in Adults With Acute Respiratory Distress Syndrome. <i>Critical Care Medicine</i> , <b>2016</b> , 44, 120-9	1.4	105
267	Construct validity of the definition of primary graft dysfunction after lung transplantation. <i>Journal of Heart and Lung Transplantation</i> , <b>2010</b> , 29, 1231-9	5.8	103
266	One-year mortality and predictors of death among hospital survivors of acute respiratory distress syndrome. <i>Intensive Care Medicine</i> , <b>2014</b> , 40, 388-96	14.5	100
265	Ventilator-induced lung injury: in vivo and in vitro mechanisms. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2002</b> , 283, L678-82	5.8	100
264	Obesity and primary graft dysfunction after lung transplantation: the Lung Transplant Outcomes Group Obesity Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2011</b> , 184, 1055-61	10.2	99
263	Soluble intercellular adhesion molecule-1 and clinical outcomes in patients with acute lung injury. <i>Intensive Care Medicine</i> , <b>2009</b> , 35, 248-57	14.5	95
262	Report of the ISHLT Working Group on Primary Lung Graft Dysfunction part V: predictors and outcomes. <i>Journal of Heart and Lung Transplantation</i> , <b>2005</b> , 24, 1483-8	5.8	95
261	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> , <b>2009</b> , 135, 1440-1447	5.3	94
260	Association between cell-free hemoglobin, acetaminophen, and mortality in patients with sepsis: an observational study. <i>Critical Care Medicine</i> , <b>2013</b> , 41, 784-90	1.4	91

259	Negative-Pressure Pulmonary Edema. <i>Chest</i> , <b>2016</b> , 150, 927-933	5.3	91
258	A continuum of admixture in the Western Hemisphere revealed by the African Diaspora genome. <i>Nature Communications</i> , <b>2016</b> , 7, 12522	17.4	90
257	ANGPT2 genetic variant is associated with trauma-associated acute lung injury and altered plasma angiopoietin-2 isoform ratio. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2011</b> , 183, 1344-53	19.2	90
256	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> , <b>2010</b> , 5, 1497-505	6.9	89
255	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> , <b>2011</b> , 184, 317-27	10.2	88
254	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. <i>Pediatric Critical Care Medicine</i> , <b>2003</b> , 4, 315-21	3	84
253	Keratinocyte growth factor can enhance alveolar epithelial repair by nonmitogenic mechanisms. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2002</b> , 283, L163-9	5.8	84
252	Alveolar epithelial fluid transport can be simultaneously upregulated by both KGF and beta-agonist therapy. <i>Journal of Applied Physiology</i> , <b>1999</b> , 87, 1852-60	3.7	84
251	Use of risk reclassification with multiple biomarkers improves mortality prediction in acute lung injury. <i>Critical Care Medicine</i> , <b>2011</b> , 39, 711-7	1.4	83
250	Acute effects of tidal volume strategy on hemodynamics, fluid balance, and sedation in acute lung injury. <i>Critical Care Medicine</i> , <b>2005</b> , 33, 63-70; discussion 239-40	1.4	82
249	Ratio of angiopoietin-2 to angiopoietin-1 as a predictor of mortality in acute lung injury patients. <i>Critical Care Medicine</i> , <b>2010</b> , 38, 1845-51	1.4	80
248	Postobstructive pulmonary edema: a case for hydrostatic mechanisms. <i>Chest</i> , <b>2007</b> , 131, 1742-6	5.3	80
247	Clinical Characteristics and Outcomes Are Similar in ARDS Diagnosed by Oxygen Saturation/Fio <sub>2</sub> Ratio Compared With Pao <sub>2</sub> /Fio <sub>2</sub> Ratio. <i>Chest</i> , <b>2015</b> , 148, 1477-1483	5.3	79
246	Body composition and mortality after adult lung transplantation in the United States. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2014</b> , 190, 1012-21	10.2	78
245	Aerosolized beta(2)-adrenergic agonists achieve therapeutic levels in the pulmonary edema fluid of ventilated patients with acute respiratory failure. <i>Intensive Care Medicine</i> , <b>2002</b> , 28, 705-11	14.5	78
244	Atrial Fibrillation Is an Independent Predictor of Mortality in Critically Ill Patients. <i>Critical Care Medicine</i> , <b>2015</b> , 43, 2104-11	1.4	77
243	Prehospital aspirin use is associated with reduced risk of acute respiratory distress syndrome in critically ill patients: a propensity-adjusted analysis. <i>Critical Care Medicine</i> , <b>2015</b> , 43, 801-7	1.4	76
242	Plasma cytokines and chemokines in primary graft dysfunction post-lung transplantation. <i>American Journal of Transplantation</i> , <b>2009</b> , 9, 389-96	8.7	74



241	Renal cortical albumin gene induction and urinary albumin excretion in response to acute kidney injury. <i>American Journal of Physiology - Renal Physiology</i> , <b>2011</b> , 300, F628-38	4.3	73
240	Novel role of the human alveolar epithelium in regulating intra-alveolar coagulation. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2007</b> , 36, 497-503	5.7	73
239	Proteomic analysis of pulmonary edema fluid and plasma in patients with acute lung injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2004</b> , 286, L1095-104	5.8	73
238	Endothelial Activation and Blood-Brain Barrier Injury as Risk Factors for Delirium in Critically Ill Patients. <i>Critical Care Medicine</i> , <b>2016</b> , 44, e809-17	1.4	72
237	The role of the coagulation cascade in the continuum of sepsis and acute lung injury and acute respiratory distress syndrome. <i>Seminars in Respiratory and Critical Care Medicine</i> , <b>2006</b> , 27, 365-76	3.9	69
236	Acute lung injury edema fluid decreases net fluid transport across human alveolar epithelial type II cells. <i>Journal of Biological Chemistry</i> , <b>2007</b> , 282, 24109-19	5.4	69
235	Hypoxia upregulates VEGF expression in alveolar epithelial cells in vitro and in vivo. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2002</b> , 283, L1133-42	5.8	69
234	Clinical Predictors of Hospital Mortality Differ Between Direct and Indirect ARDS. <i>Chest</i> , <b>2017</b> , 151, 755-763	3.6	68
233	Predictive and pathogenetic value of plasma biomarkers for acute kidney injury in patients with acute lung injury*. <i>Critical Care Medicine</i> , <b>2007</b> , 35, 2755-2761	1.4	68
232	Associations of markers of inflammation and coagulation with delirium during critical illness. <i>Intensive Care Medicine</i> , <b>2012</b> , 38, 1965-73	14.5	67
231	Plasma biomarkers of oxidant stress and development of organ failure in severe sepsis. <i>Shock</i> , <b>2011</b> , 36, 12-7	3.4	66
230	Elevated pulmonary artery pressure is a risk factor for primary graft dysfunction following lung transplantation for idiopathic pulmonary fibrosis. <i>Chest</i> , <b>2011</b> , 139, 782-787	5.3	65
229	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> , <b>2008</b> , 295, L16-22	5.8	65
228	Pulmonary edema fluid antioxidants are depressed in acute lung injury. <i>Critical Care Medicine</i> , <b>2003</b> , 31, 2309-15	1.4	65
227	Stability of ARDS subphenotypes over time in two randomised controlled trials. <i>Thorax</i> , <b>2018</b> , 73, 439-445	4.3	63
226	Association between haptoglobin, hemopexin and mortality in adults with sepsis. <i>Critical Care</i> , <b>2013</b> , 17, R272	10.8	63
225	Cigarette Smoke Exposure and the Acute Respiratory Distress Syndrome. <i>Critical Care Medicine</i> , <b>2015</b> , 43, 1790-7	1.4	62
224	Heterogeneous phenotypes of acute respiratory distress syndrome after major trauma. <i>Annals of the American Thoracic Society</i> , <b>2014</b> , 11, 728-36	4.7	62

223	Randomized, placebo-controlled trial of acetaminophen for the reduction of oxidative injury in severe sepsis: the Acetaminophen for the Reduction of Oxidative Injury in Severe Sepsis trial. <i>Critical Care Medicine</i> , <b>2015</b> , 43, 534-41	1.4	61
222	Extracellular heat shock protein 72 is a marker of the stress protein response in acute lung injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2006</b> , 291, L354-61	5.8	60
221	Association of protein C and type 1 plasminogen activator inhibitor with primary graft dysfunction. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2007</b> , 175, 69-74	10.2	59
220	Therapeutic modulation of coagulation and fibrinolysis in acute lung injury and the acute respiratory distress syndrome. <i>Current Pharmaceutical Biotechnology</i> , <b>2011</b> , 12, 1481-96	2.6	59
219	Higher urine nitric oxide is associated with improved outcomes in patients with acute lung injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2007</b> , 175, 256-62	10.2	57
218	Biomarkers in acute lung injury--marking forward progress. <i>Critical Care Clinics</i> , <b>2011</b> , 27, 661-83	4.5	55
217	Variation in PTX3 is associated with primary graft dysfunction after lung transplantation. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2012</b> , 186, 546-52	10.2	53
216	Genome wide association identifies PPFIA1 as a candidate gene for acute lung injury risk following major trauma. <i>PLoS ONE</i> , <b>2012</b> , 7, e28268	3.7	53
215	Plasma intercellular adhesion molecule-1 and von Willebrand factor in primary graft dysfunction after lung transplantation. <i>American Journal of Transplantation</i> , <b>2007</b> , 7, 2573-8	8.7	52
214	Plasma soluble thrombomodulin levels are associated with mortality in the acute respiratory distress syndrome. <i>Intensive Care Medicine</i> , <b>2015</b> , 41, 470-8	14.5	50
213	Determining the aetiology of pulmonary oedema by the oedema fluid-to-plasma protein ratio. <i>European Respiratory Journal</i> , <b>2010</b> , 35, 331-7	13.6	50
212	Urinary L-FABP predicts poor outcomes in critically ill patients with early acute kidney injury. <i>Kidney International</i> , <b>2015</b> , 87, 640-8	9.9	49
211	Prostaglandin E2 mediates IL-1beta-related fibroblast mitogenic effects in acute lung injury through differential utilization of prostanoid receptors. <i>Journal of Immunology</i> , <b>2008</b> , 180, 637-46	5.3	49
210	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. <i>Pediatric Critical Care Medicine</i> , <b>2007</b> , 8, 96-101	3	49
209	VEGF levels in the alveolar compartment do not distinguish between ARDS and hydrostatic pulmonary oedema. <i>European Respiratory Journal</i> , <b>2005</b> , 26, 101-5	13.6	49
208	Stimulation of alveolar epithelial fluid clearance in human lungs by exogenous epinephrine. <i>Critical Care Medicine</i> , <b>2006</b> , 34, 676-81	1.4	48
207	Selected contribution: mechanisms that may stimulate the resolution of alveolar edema in the transplanted human lung. <i>Journal of Applied Physiology</i> , <b>2002</b> , 93, 1869-74	3.7	47
206	Long-Term Ozone Exposure Increases the Risk of Developing the Acute Respiratory Distress Syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2016</b> , 193, 1143-50	10.2	46



205	Identification of a common Wnt-associated genetic signature across multiple cell types in pulmonary arterial hypertension. <i>American Journal of Physiology - Cell Physiology</i> , <b>2014</b> , 307, C415-30	5.4	46
204	Biomarkers increase detection of active smoking and secondhand smoke exposure in critically ill patients. <i>Critical Care Medicine</i> , <b>2011</b> , 39, 40-5	1.4	46
203	Low levels of tissue factor lead to alveolar haemorrhage, potentiating murine acute lung injury and oxidative stress. <i>Thorax</i> , <b>2012</b> , 67, 1032-9	7.3	46
202	Plasma protein C levels in patients with acute lung injury: prognostic significance. <i>Critical Care Medicine</i> , <b>2004</b> , 32, S229-32	1.4	46
201	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> , <b>2017</b> , 7, 102	8.9	45
200	Low plasma citrulline levels are associated with acute respiratory distress syndrome in patients with severe sepsis. <i>Critical Care</i> , <b>2013</b> , 17, R10	10.8	44
199	Elevated plasma long pentraxin-3 levels and primary graft dysfunction after lung transplantation for idiopathic pulmonary fibrosis. <i>American Journal of Transplantation</i> , <b>2011</b> , 11, 2517-22	8.7	44
198	Secretory IgA Deficiency in Individual Small Airways Is Associated with Persistent Inflammation and Remodeling. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2017</b> , 195, 1010-1021	10.2	43
197	Coagulation and fibrinolysis in human acute lung injury--new therapeutic targets?. <i>Keio Journal of Medicine</i> , <b>2005</b> , 54, 142-9	1.6	43
196	Is there still a role for the lung injury score in the era of the Berlin definition ARDS?. <i>Annals of Intensive Care</i> , <b>2014</b> , 4, 4	8.9	42
195	Cell-free hemoglobin: a novel mediator of acute lung injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2016</b> , 310, L532-41	5.8	41
194	An official multi-society statement: the role of clinical research results in the practice of critical care medicine. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2012</b> , 185, 1117-24	10.2	41
193	Latent class analysis identifies distinct phenotypes of primary graft dysfunction after lung transplantation. <i>Chest</i> , <b>2013</b> , 144, 616-622	5.3	41
192	Keratinocyte growth factor promotes cell motility during alveolar epithelial repair in vitro. <i>Experimental Cell Research</i> , <b>2003</b> , 283, 215-29	4.2	41
191	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> , <b>2013</b> , 3, 33	8.9	39
190	Oxygenation Saturation Index Predicts Clinical Outcomes in ARDS. <i>Chest</i> , <b>2017</b> , 152, 1151-1158	5.3	39
189	Biomarkers of ALI/ARDS: pathogenesis, discovery, and relevance to clinical trials. <i>Seminars in Respiratory and Critical Care Medicine</i> , <b>2013</b> , 34, 537-48	3.9	39
188	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> , <b>2002</b> , 121, 69S-70S	5.3	39

187	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> , <b>2012</b> , 31, 942-9	5.8	38
186	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> , <b>2011</b> , 286, 10660-70	5.4	38
185	Gender Parity in Critical Care Medicine. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2017</b> , 196, 425-429	10.2	37
184	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> , <b>2008</b> , 294, L874-81	5.8	37
183	Elevated pulmonary edema fluid concentrations of soluble intercellular adhesion molecule-1 in patients with acute lung injury: biological and clinical significance. <i>Chest</i> , <b>1999</b> , 116, 83S-84S	5.3	37
182	Glucagon-like peptide 1 signaling inhibits allergen-induced lung IL-33 release and reduces group 2 innate lymphoid cell cytokine production in vivo. <i>Journal of Allergy and Clinical Immunology</i> , <b>2018</b> , 142, 1515-1528.e8	11.5	36
181	Validation of a multiplex electrochemiluminescent immunoassay platform in human and mouse samples. <i>Journal of Immunological Methods</i> , <b>2014</b> , 408, 13-23	2.5	36
180	Phenotypes and personalized medicine in the acute respiratory distress syndrome. <i>Intensive Care Medicine</i> , <b>2020</b> , 46, 2136-2152	14.5	36
179	Association study in African-admixed populations across the Americas recapitulates asthma risk loci in non-African populations. <i>Nature Communications</i> , <b>2019</b> , 10, 880	17.4	36
178	The role of red blood cells and cell-free hemoglobin in the pathogenesis of ARDS. <i>Journal of Intensive Care</i> , <b>2015</b> , 3, 20	7	35
177	Informed consent in research to improve the number and quality of deceased donor organs. <i>Critical Care Medicine</i> , <b>2011</b> , 39, 280-3	1.4	35
176	Accuracy and reproducibility of a multiplex immunoassay platform: a validation study. <i>Journal of Immunological Methods</i> , <b>2011</b> , 367, 33-9	2.5	35
175	Plasma interleukin-8 is not an effective risk stratification tool for adults with vasopressor-dependent septic shock. <i>Critical Care Medicine</i> , <b>2010</b> , 38, 1436-41	1.4	35
174	Objective Estimates Improve Risk Stratification for Primary Graft Dysfunction after Lung Transplantation. <i>American Journal of Transplantation</i> , <b>2015</b> , 15, 2188-96	8.7	34
173	IL-8 inhibits cAMP-stimulated alveolar epithelial fluid transport via a GRK2/PI3K-dependent mechanism. <i>FASEB Journal</i> , <b>2013</b> , 27, 1095-106	0.9	34
172	Gender and acute respiratory distress syndrome in critically injured adults: a prospective study. <i>Journal of Trauma</i> , <b>2011</b> , 71, 878-83; discussion 883-5		34
171	Fibroblast Growth Factor 23 Associates with Death in Critically Ill Patients. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , <b>2018</b> , 13, 531-541	6.9	33
170	A randomized trial of the effects of nebulized albuterol on pulmonary edema in brain-dead organ donors. <i>American Journal of Transplantation</i> , <b>2014</b> , 14, 621-8	8.7	33

169	Peptidylarginine deiminase 2 suppresses inhibitory {kappa}B kinase activity in lipopolysaccharide-stimulated RAW 264.7 macrophages. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 39655-62	5.4	33
168	Acute lung injury and the coagulation pathway: Potential role of gene polymorphisms in the protein C and fibrinolytic pathways. <i>Intensive Care Medicine</i> , <b>2006</b> , 32, 1293-303	14.5	33
167	The coagulation cascade in sepsis. <i>Current Pharmaceutical Design</i> , <b>2008</b> , 14, 1860-9	3.3	32
166	Acute respiratory distress syndrome-attributable mortality in critically ill patients with sepsis. <i>Intensive Care Medicine</i> , <b>2020</b> , 46, 1222-1231	14.5	31
165	Incidence and Outcomes of Acute Respiratory Distress Syndrome: A Nationwide Registry-Based Study in Taiwan, 1997 to 2011. <i>Medicine (United States)</i> , <b>2015</b> , 94, e1849	1.8	31
164	Elevated plasma clara cell secretory protein concentration is associated with high-grade primary graft dysfunction. <i>American Journal of Transplantation</i> , <b>2011</b> , 11, 561-7	8.7	31
163	High prevalence of pulmonary arterial thrombi in donor lungs rejected for transplantation. <i>Journal of Heart and Lung Transplantation</i> , <b>2005</b> , 24, 1650-6	5.8	31
162	Low to Moderate Air Pollutant Exposure and Acute Respiratory Distress Syndrome after Severe Trauma. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2019</b> , 199, 62-70	10.2	30
161	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> , <b>2014</b> , 4, 5	8.9	30
160	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> , <b>2015</b> , 53, 719-27	5.7	30
159	Soluble p-selectin and the risk of primary graft dysfunction after lung transplantation. <i>Chest</i> , <b>2009</b> , 136, 237-244	5.3	30
158	Quantitative Evidence for Revising the Definition of Primary Graft Dysfunction after Lung Transplant. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2018</b> , 197, 235-243	10.2	29
157	Elevation of plasma cell-free hemoglobin in pulmonary arterial hypertension. <i>Chest</i> , <b>2014</b> , 146, 1478-1485	5.3	29
156	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> , <b>2013</b> , 84, 786-94	9.9	29
155	Modeling human lung disease in animals. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2008</b> , 294, L149-50	5.8	29
154	Pulmonary alveolar proteinosis associated with a disease-modifying antirheumatoid arthritis drug. <i>Respirology</i> , <b>2006</b> , 11, 663-5	3.6	29
153	E-Cigarette or Vaping Product Use-associated Lung Injury: Developing a Research Agenda. An NIH Workshop Report. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2020</b> , 202, 795-802	10.2	28
152	Biomarkers in acute respiratory distress syndrome: from pathobiology to improving patient care. <i>Expert Review of Respiratory Medicine</i> , <b>2014</b> , 8, 573-86	3.8	28

151	Relationships between markers of neurologic and endothelial injury during critical illness and long-term cognitive impairment and disability. <i>Intensive Care Medicine</i> , <b>2018</b> , 44, 345-355	14.5	27
150	Donor smoking is associated with pulmonary edema, inflammation and epithelial dysfunction in ex vivo human donor lungs. <i>American Journal of Transplantation</i> , <b>2014</b> , 14, 2295-302	8.7	27
149	Circulating microparticle levels are reduced in patients with ARDS. <i>Critical Care</i> , <b>2017</b> , 21, 120	10.8	26
148	Profiling of ARDS pulmonary edema fluid identifies a metabolically distinct subset. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2017</b> , 312, L703-L709	5.8	26
147	Case of fulminant hepatic failure due to unrecognized peripartum cardiomyopathy. <i>Critical Care Medicine</i> , <b>2005</b> , 33, 891-3	1.4	26
146	Vascular endothelial cadherin shedding is more severe in sepsis patients with severe acute kidney injury. <i>Critical Care</i> , <b>2019</b> , 23, 18	10.8	25
145	Fatty acid transduction of nitric oxide signaling: nitrolinoleic acid mediates protective effects through regulation of the ERK pathway. <i>Free Radical Biology and Medicine</i> , <b>2009</b> , 46, 866-75	7.8	24
144	Plasma complement levels are associated with primary graft dysfunction and mortality after lung transplantation. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2014</b> , 189, 1564-7	10.2	23
143	Genetic variation in the prostaglandin E2 pathway is associated with primary graft dysfunction. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2014</b> , 189, 567-75	10.2	23
142	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> , <b>2020</b> , 201, 47-56	10.2	23
141	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> , <b>2016</b> , 35, 500-507	5.8	23
140	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> , <b>2017</b> , 45, 1871-1879	1.4	22
139	A Genome-Wide Association Study to Identify Single-Nucleotide Polymorphisms for Acute Kidney Injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2017</b> , 195, 482-490	10.2	22
138	Intratracheal bleomycin causes airway remodeling and airflow obstruction in mice. <i>Experimental Lung Research</i> , <b>2012</b> , 38, 135-46	2.3	22
137	Plasma biomarkers of inflammation, coagulation, and brain injury as predictors of delirium duration in older hospitalized patients. <i>PLoS ONE</i> , <b>2019</b> , 14, e0226412	3.7	22
136	Association Between Early Postoperative Acetaminophen Exposure and Acute Kidney Injury in Pediatric Patients Undergoing Cardiac Surgery. <i>JAMA Pediatrics</i> , <b>2018</b> , 172, 655-663	8.3	22
135	Elevated plasma angiopoietin-2 levels and primary graft dysfunction after lung transplantation. <i>PLoS ONE</i> , <b>2012</b> , 7, e51932	3.7	21
134	Laminin gamma2 fragments are increased in the circulation of patients with early phase acute lung injury. <i>Intensive Care Medicine</i> , <b>2010</b> , 36, 479-86	14.5	21

133	Association of common genetic variation in the protein C pathway genes with clinical outcomes in acute respiratory distress syndrome. <i>Critical Care</i> , <b>2016</b> , 20, 151	10.8	21
132	Biomarkers of inflammation and repair in kidney disease progression. <i>Journal of Clinical Investigation</i> , <b>2021</b> , 131,	15.9	21
131	Novel Method for Noninvasive Sampling of the Distal Airspace in Acute Respiratory Distress Syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2018</b> , 197, 1027-1035	10.2	20
130	Comparison of chest radiograph scoring to lung weight as a quantitative index of pulmonary edema in organ donors. <i>Clinical Transplantation</i> , <b>2012</b> , 26, 665-71	3.8	20
129	Ascorbic acid attenuates endothelial permeability triggered by cell-free hemoglobin. <i>Biochemical and Biophysical Research Communications</i> , <b>2018</b> , 495, 433-437	3.4	20
128	Primary graft dysfunction: pathophysiology to guide new preventive therapies. <i>Expert Review of Respiratory Medicine</i> , <b>2017</b> , 11, 119-128	3.8	19
127	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> , <b>2012</b> , 303, L550-5	5.8	19
126	Cell-free hemoglobin promotes primary graft dysfunction through oxidative lung endothelial injury. <i>JCI Insight</i> , <b>2018</b> , 3,	9.9	19
125	A prospective cohort study of acute kidney injury and kidney outcomes, cardiovascular events, and death. <i>Kidney International</i> , <b>2021</b> , 99, 456-465	9.9	19
124	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> , <b>2017</b> , 2, e000121	2.4	18
123	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> , <b>2017</b> , 14, 1514-1522	4.7	18
122	Plasma monocyte chemoattractant protein-1 levels at 24 hours are a biomarker of primary graft dysfunction after lung transplantation. <i>Translational Research</i> , <b>2012</b> , 160, 435-42	11	18
121	Biomarkers of ARDS: what's new?. <i>Intensive Care Medicine</i> , <b>2016</b> , 42, 797-799	14.5	17
120	Cell-free hemoglobin increases inflammation, lung apoptosis, and microvascular permeability in murine polymicrobial sepsis. <i>PLoS ONE</i> , <b>2020</b> , 15, e0228727	3.7	17
119	Alveolar fluid clearance is faster in women with acute lung injury compared to men. <i>Journal of Critical Care</i> , <b>2011</b> , 26, 249-56	4	17
118	Interferon- $\beta$ and tumor necrosis factor- $\alpha$ synergistically to up-regulate tissue factor in alveolar epithelial cells. <i>Experimental Lung Research</i> , <b>2011</b> , 37, 509-17	2.3	17
117	Single-cell RNA-sequencing reveals profibrotic roles of distinct epithelial and mesenchymal lineages in pulmonary fibrosis		17
116	Protein Quantitative Trait Loci Analysis Identifies Genetic Variation in the Innate Immune Regulator TOLLIP in Post-Lung Transplant Primary Graft Dysfunction Risk. <i>American Journal of Transplantation</i> , <b>2016</b> , 16, 833-40	8.7	17

115	HMG-CoA reductase activation and urinary pellet cholesterol elevations in acute kidney injury. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , <b>2011</b> , 6, 2108-13	6.9	16
114	The ex vivo human lung: research value for translational science. <i>JCI Insight</i> , <b>2019</b> , 4,	9.9	16
113	Precision medicine in acute respiratory distress syndrome: workshop report and recommendations for future research. <i>European Respiratory Review</i> , <b>2021</b> , 30,	9.8	16
112	The Berlin definition of acute respiratory distress syndrome: should patients receiving high-flow nasal oxygen be included?. <i>Lancet Respiratory Medicine</i> , <b>2021</b> , 9, 933-936	35.1	16
111	External validation of a biomarker and clinical prediction model for hospital mortality in acute respiratory distress syndrome. <i>Intensive Care Medicine</i> , <b>2017</b> , 43, 1123-1131	14.5	15
110	Prognostic factors in the acute respiratory distress syndrome. <i>Clinical and Translational Medicine</i> , <b>2015</b> , 4, 65	5.7	15
109	Adipose tissue quantification and primary graft dysfunction after lung transplantation: The Lung Transplant Body Composition study. <i>Journal of Heart and Lung Transplantation</i> , <b>2019</b> , 38, 1246-1256	5.8	15
108	Peripheral blood leukocyte telomere length is associated with survival of sepsis patients. <i>European Respiratory Journal</i> , <b>2020</b> , 55,	13.6	15
107	Physiological and biological heterogeneity in COVID-19-associated acute respiratory distress syndrome. <i>Lancet Respiratory Medicine</i> , <b>2020</b> , 8, 1163-1165	35.1	15
106	Early exposure to hyperoxia and mortality in critically ill patients with severe traumatic injuries. <i>BMC Pulmonary Medicine</i> , <b>2017</b> , 17, 29	3.5	14
105	Gender Differences in Authorship of Critical Care Literature. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2020</b> , 201, 840-847	10.2	14
104	Early plasma soluble receptor for advanced glycation end-product levels are associated with bronchiolitis obliterans syndrome. <i>American Journal of Transplantation</i> , <b>2013</b> , 13, 754-9	8.7	14
103	Vascular pedicle width in acute lung injury: correlation with intravascular pressures and ability to discriminate fluid status. <i>Critical Care</i> , <b>2011</b> , 15, R86	10.8	14
102	Effect of single vs bilateral lung transplantation on plasma surfactant protein D levels in idiopathic pulmonary fibrosis. <i>Chest</i> , <b>2011</b> , 140, 489-496	5.3	14
101	Biomarkers and Precision Medicine: State of the Art. <i>Critical Care Clinics</i> , <b>2020</b> , 36, 155-165	4.5	14
100	Training the next generation of physician researchers - Vanderbilt Medical Scholars Program. <i>BMC Medical Education</i> , <b>2018</b> , 18, 5	3.3	13
99	Preoperative plasma club (clara) cell secretory protein levels are associated with primary graft dysfunction after lung transplantation. <i>American Journal of Transplantation</i> , <b>2014</b> , 14, 446-52	8.7	13
98	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> , <b>2015</b> , 467, 657-665	5.1	13



97	Early Changes Over Time in the Radiographic Assessment of Lung Edema Score Are Associated With Survival in ARDS. <i>Chest</i> , <b>2020</b> , 158, 2394-2403	5.3	12
96	Cell-free hemoglobin augments acute kidney injury during experimental sepsis. <i>American Journal of Physiology - Renal Physiology</i> , <b>2019</b> , 317, F922-F929	4.3	12
95	Autopsy in ARDS: insights into natural history. <i>Lancet Respiratory Medicine</i> , <b>2013</b> , 1, 352-4	35.1	12
94	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> , <b>2013</b> , 288, 7875-7884	5.4	12
93	Vitamin D and delirium in critically ill patients: a preliminary investigation. <i>Journal of Critical Care</i> , <b>2013</b> , 28, 230-5	4	12
92	Advancing donor management research: design and implementation of a large, randomized, placebo-controlled trial. <i>Annals of Intensive Care</i> , <b>2011</b> , 1, 20	8.9	12
91	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> , <b>2012</b> , 39, 1733-1747	1	12
90	Modulation of alveolar fluid clearance by acute inflammation: the plot thickens. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2004</b> , 169, 332-3	10.2	12
89	Acute lung injury and acute respiratory distress syndrome: mechanisms and potential new therapies. <i>Drug Discovery Today Disease Mechanisms</i> , <b>2004</b> , 1, 123-128		12
88	The Role of Circulating Cell-Free Hemoglobin in Sepsis-Associated Acute Kidney Injury. <i>Seminars in Nephrology</i> , <b>2020</b> , 40, 148-159	4.8	12
87	Preadmission Oral Corticosteroids Are Associated With Reduced Risk of Acute Respiratory Distress Syndrome in Critically Ill Adults With Sepsis. <i>Critical Care Medicine</i> , <b>2017</b> , 45, 774-780	1.4	11
86	Markers of inflammation and coagulation may be modulated by enteral feeding strategy. <i>Journal of Parenteral and Enteral Nutrition</i> , <b>2012</b> , 36, 732-40	4.2	11
85	Clinical trial design in acute respiratory distress syndrome: facing down the complexity. <i>Journal of Critical Care</i> , <b>2006</b> , 21, 32-37	4	11
84	Haptoglobin-2 variant increases susceptibility to acute respiratory distress syndrome during sepsis. <i>JCI Insight</i> , <b>2019</b> , 4,	9.9	11
83	Mesenchymal stromal cells reduce evidence of lung injury in patients with ARDS. <i>JCI Insight</i> , <b>2021</b> , 6,	9.9	11
82	Myeloid tissue factor does not modulate lung inflammation or permeability during experimental acute lung injury. <i>Scientific Reports</i> , <b>2016</b> , 6, 22249	4.9	11
81	Bronchoalveolar fluid and plasma inflammatory biomarkers in contemporary ARDS patients. <i>Biomarkers</i> , <b>2019</b> , 24, 352-359	2.6	11
80	The long-lasting effects of the acute respiratory distress syndrome. <i>Expert Review of Respiratory Medicine</i> , <b>2020</b> , 14, 577-586	3.8	10

79	Approach to the patient with the acute respiratory distress syndrome. <i>Clinics in Chest Medicine</i> , <b>2014</b> , 35, 685-96	5.3	10
78	Advancing precision medicine for acute respiratory distress syndrome. <i>Lancet Respiratory Medicine</i> , <b>2021</b> ,	35.1	10
77	Hyperoxemia and Cerebral Vasospasm in Aneurysmal Subarachnoid Hemorrhage. <i>Neurocritical Care</i> , <b>2021</b> , 35, 30-38	3.3	9
76	A common deletion in the haptoglobin gene associated with blood cholesterol levels among Chinese women. <i>Journal of Human Genetics</i> , <b>2017</b> , 62, 911-914	4.3	9
75	Acute lung injury. <i>Seminars in Respiratory and Critical Care Medicine</i> , <b>2013</b> , 34, 439-40	3.9	9
74	External Validity of Electronic Sniffers for Automated Recognition of Acute Respiratory Distress Syndrome. <i>Journal of Intensive Care Medicine</i> , <b>2019</b> , 34, 946-954	3.3	9
73	Inflammation and Coagulation during Critical Illness and Long-Term Cognitive Impairment and Disability. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2021</b> , 203, 699-706	10.2	9
72	Designing an ARDS trial for 2020 and beyond: focus on enrichment strategies. <i>Intensive Care Medicine</i> , <b>2020</b> , 46, 2153-2156	14.5	8
71	Acute respiratory distress syndrome subphenotypes and therapy responsive traits among preclinical models: protocol for a systematic review and meta-analysis. <i>Respiratory Research</i> , <b>2020</b> , 21, 81	7.3	8
70	Latent class analysis-derived subphenotypes are generalisable to observational cohorts of acute respiratory distress syndrome: a prospective study. <i>Thorax</i> , <b>2021</b> ,	7.3	8
69	Measuring microvascular blood flow in sepsis--a continuing challenge. <i>Lancet, The</i> , <b>2002</b> , 360, 1187-8	4.0	7
68	Kinetics of lung tissue factor expression and procoagulant activity in bleomycin induced acute lung injury. <i>Clinical and Translational Medicine</i> , <b>2015</b> , 4, 63	5.7	6
67	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> , <b>2009</b> , 6, 487-93		6
66	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> , <b>2017</b> , 14, S251-S252	14.7	5
65	MUC5B Promoter Polymorphism and Development of Acute Respiratory Distress Syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2018</b> , 198, 1342-1345	10.2	5
64	Clinical Year in Review III: asthma, lung transplantation, cystic fibrosis, acute respiratory distress syndrome. <i>Proceedings of the American Thoracic Society</i> , <b>2007</b> , 4, 489-93		5
63	Keratinocyte growth factor as an epithelial protective agent: where do we stand?. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2004</b> , 60, 1345-6	4	5
62	Validation and utility of ARDS subphenotypes identified by machine-learning models using clinical data: an observational, multicohort, retrospective analysis.. <i>Lancet Respiratory Medicine</i> , <b>2022</b> ,	35.1	5

61	Biomarkers in Critical Illness: New Insights and Challenges for the Future. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2017</b> , 196, 944-945	10.2	5
60	Biomarkers in acute respiratory distress syndrome. <i>Current Opinion in Critical Care</i> , <b>2021</b> , 27, 46-54	3.5	5
59	How could biomarkers of ARDS and AKI drive clinical strategies?. <i>Intensive Care Medicine</i> , <b>2016</b> , 42, 800-802	12.5	4
58	A deliberate path toward diversity, equity, and inclusion within the ASCI. <i>Journal of Clinical Investigation</i> , <b>2020</b> , 130, 5031-5032	15.9	4
57	A Bayesian Approach for the Cox Proportional Hazards Model with Covariates Subject to Detection Limit. <i>International Journal of Statistics in Medical Research</i> , <b>2014</b> , 3, 32-43	3	4
56	Accuracy of the Radiographic Assessment of Lung Edema Score for the Diagnosis of ARDS. <i>Frontiers in Physiology</i> , <b>2021</b> , 12, 672823	4.6	4
55	Long-term ozone exposure is positively associated with telomere length in critically ill patients. <i>Environment International</i> , <b>2020</b> , 141, 105780	12.9	3
54	Haptoglobin genotype predicts severe acute vaso-occlusive pain episodes in children with sickle cell anemia. <i>American Journal of Hematology</i> , <b>2020</b> , 95, E92-E95	7.1	3
53	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> , <b>2012</b> , 2, 15	8.9	3
52	Postoperative estradiol levels associate with development of primary graft dysfunction in lung transplantation patients. <i>Gender Medicine</i> , <b>2012</b> , 9, 154-65		3
51	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> , <b>2010</b> , 299, L147-9	5.8	3
50	Clinical year in review II: Sepsis, mechanical ventilation, occupational and environmental lung disease, and sleep. <i>Proceedings of the American Thoracic Society</i> , <b>2009</b> , 6, 494-9		3
49	The NLRP3 inflammasome in macrophages is stimulated by cell-free hemoglobin. <i>Physiological Reports</i> , <b>2020</b> , 8, e14589	2.6	3
48	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> , <b>2020</b> , 16, 26-36	6.9	3
47	Angiopietin-2 outperforms other endothelial biomarkers associated with severe acute kidney injury in patients with severe sepsis and respiratory failure. <i>Critical Care</i> , <b>2021</b> , 25, 48	10.8	3
46	GBT1118, a compound that increases the oxygen affinity of hemoglobin, improves survival in murine hypoxic acute lung injury. <i>Journal of Applied Physiology</i> , <b>2018</b> , 124, 899-905	3.7	3
45	Postreperfusion plasma endothelial activation markers are associated with acute kidney injury after lung transplantation. <i>American Journal of Transplantation</i> , <b>2019</b> , 19, 2366-2373	8.7	2
44	Fanning the Fire: Can Methemoglobin Enhance Neutrophil Activation?. <i>EBioMedicine</i> , <b>2015</b> , 2, 184-5	8.8	2

43	What's new with biomarker-driven clinical strategy in sepsis and circulatory failure?. <i>Intensive Care Medicine</i> , <b>2016</b> , 42, 418-421	14.5	2
42	Pharmacogenomic biomarkers do not predict response to drotrecogin alfa in patients with severe sepsis. <i>Annals of Intensive Care</i> , <b>2018</b> , 8, 16	8.9	2
41	The needle in the haystack: searching for biomarkers in acute respiratory distress syndrome. <i>Critical Care</i> , <b>2013</b> , 17, 192	10.8	2
40	Elevated serum creatine phosphokinase is associated with mortality and inotropic requirement in critically injured adults. <i>Injury</i> , <b>2014</b> , 45, 2096-100	2.5	2
39	The authors reply. <i>Critical Care Medicine</i> , <b>2013</b> , 41, e186	1.4	2
38	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> , <b>2008</b> , 5, 755-60		2
37	Biomarkers of lung injury in primary graft dysfunction following lung transplantation. <i>Biomarkers in Medicine</i> , <b>2007</b> , 1, 285-91	2.3	2
36	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> , <b>2021</b> , 12, 793107	5.6	2
35	Cortactin Modulates Lung Endothelial Apoptosis Induced by Cigarette Smoke. <i>Cells</i> , <b>2021</b> , 10,	7.9	2
34	Clinical and Genetic Contributors to New-Onset Atrial Fibrillation in Critically Ill Adults. <i>Critical Care Medicine</i> , <b>2020</b> , 48, 22-30	1.4	2
33	Association of neuronal repair biomarkers with delirium among survivors of critical illness. <i>Journal of Critical Care</i> , <b>2020</b> , 56, 94-99	4	2
32	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> , <b>2021</b> , 320, L785-L790	5.8	2
31	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> , <b>2021</b> , 321, L429-L439	5.8	2
30	Towards a biological definition of ARDS: are treatable traits the solution?. <i>Intensive Care Medicine Experimental</i> , <b>2022</b> , 10, 8	3.7	2
29	What are the pathologic and pathophysiologic changes that accompany ARDS? <b>2020</b> , 95-102.e1		1
28	The Role of Coagulation and Fibrinolysis in the Pathogenesis of Acute Lung Injury. <i>Current Respiratory Medicine Reviews</i> , <b>2006</b> , 2, 157-171	0.3	1
27	Advances in the Pathogenesis and Treatment of the Acute Respiratory Distress Syndrome. <i>Clinical Pulmonary Medicine</i> , <b>2003</b> , 10, 208-218	0.3	1
26	A two-hit model of sepsis plus hyperoxia causes lung permeability and inflammation.. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2021</b> ,	5.8	1

25	Role of the Epithelial Glycocalyx in Maintaining the Alveolar-Capillary Barrier During Acute Lung Injury. <i>FASEB Journal</i> , <b>2020</b> , 34, 1-1	0.9	1
24	Role of Lysocardiolipin Acyltransferase in Cigarette Smoke-Induced Lung Epithelial Cell Mitochondrial ROS, Mitochondrial Dynamics, and Apoptosis. <i>Cell Biochemistry and Biophysics</i> , <b>2021</b> , 1	3.2	1
23	Quantification of lung recruitment by respiratory mechanics and CT imaging: what are the clinical implications?. <i>Annals of Translational Medicine</i> , <b>2016</b> , 4, 145	3.2	1
22	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> , <b>2021</b> , 10,	5.1	1
21	Cell-free hemoglobin-mediated human lung microvascular endothelial barrier dysfunction is not mediated by cell death. <i>Biochemical and Biophysical Research Communications</i> , <b>2021</b> , 556, 199-206	3.4	1
20	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> , <b>2021</b> , 64, 89-99	5.7	1
19	Impact of Clinician Recognition of Acute Respiratory Distress Syndrome on Evidenced-Based Interventions in the Medical ICU <b>2021</b> , 3, e0457		1
18	Identification of persistent and resolving subphenotypes of acute hypoxemic respiratory failure in two independent cohorts. <i>Critical Care</i> , <b>2021</b> , 25, 336	10.8	1
17	Linear Association Between Hypoalbuminemia and Increased Risk of Acute Respiratory Distress Syndrome in Critically Ill Adults <b>2021</b> , 3, e0527		1
16	Design and Rationale of the Sevoflurane for Sedation in Acute Respiratory Distress Syndrome (SESAR) Randomized Controlled Trial. <i>Journal of Clinical Medicine</i> , <b>2022</b> , 11, 2796	5.1	1
15	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> , <b>2021</b> , 40, 351-358	5.8	0
14	Achieved blood pressure post-acute kidney injury and risk of adverse outcomes after AKI: A prospective parallel cohort study. <i>BMC Nephrology</i> , <b>2021</b> , 22, 270	2.7	0
13	The Authors Reply. <i>Kidney International</i> , <b>2015</b> , 88, 639-40	9.9	
12	The authors reply. <i>Critical Care Medicine</i> , <b>2016</b> , 44, e307	1.4	
11	The authors reply. <i>Critical Care Medicine</i> , <b>2016</b> , 44, e771	1.4	
10	The authors reply. <i>Critical Care Medicine</i> , <b>2016</b> , 44, e769-70	1.4	
9	What Is the Natural History of a Patient with ARDS? <b>2010</b> , 68-72		
8	Unrecognized Peripartum Cardiomyopathy. <i>Critical Care Medicine</i> , <b>2005</b> , 33, 1893	1.4	

- 7 Human Lung Microvascular Endothelial Cell Death in Response to Cell-free Hemoglobin. *FASEB Journal*, **2020**, 34, 1-1 0.9
- 6 Pulmonary Proteomics 323-347
- 5 Tissue Factor Enhances the Alveolar Epithelial Barrier Integrity during Acute Lung Injury. *FASEB Journal*, **2018**, 32, 745.2 0.9
- 4 Deconstructing pulmonary fibrosis at single-cell resolution. *FASEB Journal*, **2019**, 33, 847.3 0.9
- 3 Oxidized Hemoglobin Causes Human Lung Microvascular Endothelial Barrier Dysfunction. *FASEB Journal*, **2020**, 34, 1-1 0.9
- 2 IL-8 Inhibits cAMP-stimulated Alveolar Epithelial Fluid Transport via a GRK2/PI3K-dependent Mechanism. *FASEB Journal*, **2013**, 27, 913.6 0.9
- 1 Reply to Yasuma. *American Journal of Respiratory and Critical Care Medicine*, **2021**, 204, 613-614 10.2