

Wolfgang M Kuebler

List of Publications by Citations

Source: <https://exaly.com/author-pdf/9144250/wolfgang-m-kuebler-publications-by-citations.pdf>

Version: 2024-04-17

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

263
papers

8,004
citations

49
h-index

79
g-index

304
ext. papers

9,898
ext. citations

6
avg, IF

6.22
L-index

#	Paper	IF	Citations
263	Ultra-High-Throughput Clinical Proteomics Reveals Classifiers of COVID-19 Infection. <i>Cell Systems</i> , 2020 , 11, 11-24.e4	10.6	219
262	Disruption of platelet-derived chemokine heteromers prevents neutrophil extravasation in acute lung injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012 , 185, 628-36	10.2	160
261	Noninvasive measurement of regional cerebral blood flow by near-infrared spectroscopy and indocyanine green. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1998 , 18, 445-56	7.3	160
260	Vitamin D is a regulator of endothelial nitric oxide synthase and arterial stiffness in mice. <i>Molecular Endocrinology</i> , 2014 , 28, 53-64		150
259	Hyperoxia-induced reactive oxygen species formation in pulmonary capillary endothelial cells in situ. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2006 , 34, 453-63	5.7	142
258	Inhalation of nitric oxide prevents ischemic brain damage in experimental stroke by selective dilatation of collateral arterioles. <i>Circulation Research</i> , 2012 , 110, 727-38	15.7	136
257	Alveolar dynamics in acute lung injury: heterogeneous distension rather than cyclic opening and collapse. <i>Critical Care Medicine</i> , 2009 , 37, 2604-11	1.4	136
256	Vascular receptor autoantibodies in pulmonary arterial hypertension associated with systemic sclerosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014 , 190, 808-17	10.2	129
255	Mechanotransduction by TRP channels: general concepts and specific role in the vasculature. <i>Cell Biochemistry and Biophysics</i> , 2010 , 56, 1-18	3.2	128
254	Intravital microscopy of the murine pulmonary microcirculation. <i>Journal of Applied Physiology</i> , 2008 , 104, 338-46	3.7	121
253	Pressure is proinflammatory in lung venular capillaries. <i>Journal of Clinical Investigation</i> , 1999 , 104, 495-503	3.9	116
252	Negative-feedback loop attenuates hydrostatic lung edema via a cGMP-dependent regulation of transient receptor potential vanilloid 4. <i>Circulation Research</i> , 2008 , 102, 966-74	15.7	113
251	Microparticles and acute lung injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2012 , 303, L364-81	5.8	108
250	Hypoxic pulmonary vasoconstriction requires connexin 40-mediated endothelial signal conduction. <i>Journal of Clinical Investigation</i> , 2012 , 122, 4218-30	15.9	107
249	Stretch activates nitric oxide production in pulmonary vascular endothelial cells in situ. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2003 , 168, 1391-8	10.2	94
248	Novel regulators of endothelial barrier function. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2014 , 307, L924-35	5.8	88
247	Angiotensin-(1-7) protects from experimental acute lung injury. <i>Critical Care Medicine</i> , 2013 , 41, e334-43	1.4	87

246	Atrial natriuretic peptide induces mitogen-activated protein kinase phosphatase-1 in human endothelial cells via Rac1 and NAD(P)H oxidase/Nox2-activation. <i>Circulation Research</i> , 2005 , 96, 43-53	15.7	87
245	Visualization of leukocyte transendothelial and interstitial migration using reflected light oblique transillumination in intravital video microscopy. <i>Journal of Vascular Research</i> , 2003 , 40, 435-41	1.9	78
244	A novel signaling mechanism between gas and blood compartments of the lung. <i>Journal of Clinical Investigation</i> , 2000 , 105, 905-13	15.9	78
243	In vitro screening identifies TRPV4 as target for endothelial barrier stabilization in COVID-19. <i>FASEB Journal</i> , 2021 , 35,	0.9	78
242	Role of Transient Receptor Potential Vanilloid 4 in Neutrophil Activation and Acute Lung Injury. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016 , 54, 370-83	5.7	77
241	T regulatory cells and dendritic cells protect against transfusion-related acute lung injury via IL-10. <i>Blood</i> , 2017 , 129, 2557-2569	2.2	76
240	Vascular barrier regulation by PAF, ceramide, caveolae, and NO - an intricate signaling network with discrepant effects in the pulmonary and systemic vasculature. <i>Cellular Physiology and Biochemistry</i> , 2010 , 26, 29-40	3.9	69
239	The microRNA-130/301 family controls vasoconstriction in pulmonary hypertension. <i>Journal of Biological Chemistry</i> , 2015 , 290, 2069-85	5.4	67
238	The essential autophagy gene ATG7 modulates organ fibrosis via regulation of endothelial-to-mesenchymal transition. <i>Journal of Biological Chemistry</i> , 2015 , 290, 2547-59	5.4	66
237	Lung endothelial Ca ²⁺ and permeability response to platelet-activating factor is mediated by acid sphingomyelinase and transient receptor potential classical 6. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012 , 185, 160-70	10.2	66
236	The effect of DMSA-functionalized magnetic nanoparticles on transendothelial migration of monocytes in the murine lung via a beta2 integrin-dependent pathway. <i>Biomaterials</i> , 2010 , 31, 366-74	15.6	64
235	Intercostal muscle blood flow limitation in athletes during maximal exercise. <i>Journal of Physiology</i> , 2009 , 587, 3665-77	3.9	62
234	Tissue engineering of autologous human heart valves using cryopreserved vascular umbilical cord cells. <i>Annals of Thoracic Surgery</i> , 2006 , 81, 2207-16	2.7	62
233	CFTR and sphingolipids mediate hypoxic pulmonary vasoconstriction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E1614-23	11.5	61
232	Inhaled nitric oxide reduces secondary brain damage after traumatic brain injury in mice. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013 , 33, 311-8	7.3	61
231	Inhaled nitric oxide versus aerosolized iloprost for the treatment of pulmonary hypertension with left heart disease. <i>Critical Care Medicine</i> , 2009 , 37, 980-6	1.4	60
230	Novel pharmacological TRPC inhibitors block hypoxia-induced vasoconstriction. <i>Cell Calcium</i> , 2012 , 51, 194-206	4	59
229	Pressure-induced endothelial Ca ²⁺ oscillations in lung capillaries. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2002 , 282, L917-23	5.8	59

228	Mechanical ventilation induces neutrophil extracellular trap formation. <i>Anesthesiology</i> , 2015 , 122, 864-74	4.3	56
227	Chloride transport-driven alveolar fluid secretion is a major contributor to cardiogenic lung edema. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, E2308-16	11.5	56
226	Real-time lung microscopy. <i>Journal of Applied Physiology</i> , 2007 , 102, 1255-64	3.7	56
225	Mast cells promote lung vascular remodelling in pulmonary hypertension. <i>European Respiratory Journal</i> , 2011 , 37, 1400-10	13.6	54
224	Involvement of mast cells in monocrotaline-induced pulmonary hypertension in rats. <i>Respiratory Research</i> , 2011 , 12, 60	7.3	53
223	Optimising experimental research in respiratory diseases: an ERS statement. <i>European Respiratory Journal</i> , 2018 , 51,	13.6	53
222	Identification and Validation of Larixyl Acetate as a Potent TRPC6 Inhibitor. <i>Molecular Pharmacology</i> , 2016 , 89, 197-213	4.3	52
221	Lung endothelial dysfunction in congestive heart failure: role of impaired Ca ²⁺ signaling and cytoskeletal reorganization. <i>Circulation Research</i> , 2010 , 106, 1103-16	15.7	52
220	TRPV4: an exciting new target to promote alveolocapillary barrier function. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2014 , 307, L817-21	5.8	50
219	Near-infrared spectroscopy and indocyanine green derived blood flow index for noninvasive measurement of muscle perfusion during exercise. <i>Journal of Applied Physiology</i> , 2010 , 108, 962-7	3.7	49
218	Use of human umbilical cord blood-derived progenitor cells for tissue-engineered heart valves. <i>Annals of Thoracic Surgery</i> , 2010 , 89, 819-28	2.7	49
217	Endothelium-platelet interactions in inflammatory lung disease. <i>Vascular Pharmacology</i> , 2008 , 49, 141-50	6.9	49
216	Management of heparin resistance during cardiopulmonary bypass: the effect of five different anticoagulation strategies on hemostatic activation. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2003 , 17, 171-5	2.1	49
215	Co-regulation of transcellular and paracellular leak across microvascular endothelium by dynamin and Rac. <i>American Journal of Pathology</i> , 2012 , 180, 1308-1323	5.8	47
214	TRPV4 Is Required for Hypoxic Pulmonary Vasoconstriction. <i>Anesthesiology</i> , 2015 , 122, 1338-48	4.3	46
213	Differential regulation of lung endothelial permeability in vitro and in situ. <i>Cellular Physiology and Biochemistry</i> , 2014 , 34, 1-19	3.9	46
212	Recipient T lymphocytes modulate the severity of antibody-mediated transfusion-related acute lung injury. <i>Blood</i> , 2010 , 116, 3073-9	2.2	46
211	Inhalation of the phosphodiesterase-3 inhibitor milrinone attenuates pulmonary hypertension in a rat model of congestive heart failure. <i>Anesthesiology</i> , 2007 , 106, 124-31	4.3	46

210	Intravenous immunoglobulin prevents murine antibody-mediated acute lung injury at the level of neutrophil reactive oxygen species (ROS) production. <i>PLoS ONE</i> , 2012 , 7, e31357	3.7	46
209	Sildenafil preserves lung endothelial function and prevents pulmonary vascular remodeling in a rat model of diastolic heart failure. <i>Circulation: Heart Failure</i> , 2011 , 4, 198-206	7.6	44
208	The marginated pool. <i>European Surgical Research</i> , 2002 , 34, 92-100	1.1	44
207	Does cellular sex matter? Dimorphic transcriptional differences between female and male endothelial cells. <i>Atherosclerosis</i> , 2015 , 240, 61-72	3.1	43
206	TRPV4: physiological role and therapeutic potential in respiratory diseases. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2015 , 388, 421-36	3.4	42
205	The endothelium in hypoxic pulmonary vasoconstriction. <i>Journal of Applied Physiology</i> , 2017 , 123, 1635-1646	3.4	42
204	Human neutrophil peptides mediate endothelial-monocyte interaction, foam cell formation, and platelet activation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011 , 31, 2070-9	9.4	42
203	Regional differences in tissue oxygenation during cardiopulmonary bypass for correction of congenital heart disease in neonates and small infants: relevance of near-infrared spectroscopy. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2008 , 136, 962-7	1.5	42
202	The Tie2-agonist Vasculotide rescues mice from influenza virus infection. <i>Scientific Reports</i> , 2015 , 5, 11030	1.9	41
201	Nitric oxide-dependent inhibition of alveolar fluid clearance in hydrostatic lung edema. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2007 , 293, L859-69	5.8	41
200	The mast cell-B cell axis in lung vascular remodeling and pulmonary hypertension. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017 , 312, L710-L721	5.8	40
199	The pathophysiology of pulmonary hypertension in left heart disease. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015 , 309, L924-41	5.8	40
198	Targeting Transfusion-Related Acute Lung Injury: The Journey From Basic Science to Novel Therapies. <i>Critical Care Medicine</i> , 2018 , 46, e452-e458	1.4	40
197	Platelet-activating factor reduces endothelial nitric oxide production: role of acid sphingomyelinase. <i>European Respiratory Journal</i> , 2010 , 36, 417-27	13.6	40
196	Activating transcription factor 3 confers protection against ventilator-induced lung injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010 , 182, 489-500	10.2	40
195	Novel mechanisms regulating endothelial barrier function in the pulmonary microcirculation. <i>Journal of Physiology</i> , 2019 , 597, 997-1021	3.9	38
194	Adverse Heart-Lung Interactions in Ventilator-induced Lung Injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 196, 1411-1421	10.2	37
193	Loss of SMAD3 Promotes Vascular Remodeling in Pulmonary Arterial Hypertension via MRTF Disinhibition. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 197, 244-260	10.2	36

192	Carvedilol improves biventricular fibrosis and function in experimental pulmonary hypertension. <i>Journal of Molecular Medicine</i> , 2015 , 93, 663-74	5.5	36
191	Urgent reconsideration of lung edema as a preventable outcome in COVID-19: inhibition of TRPV4 represents a promising and feasible approach. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020 , 318, L1239-L1243	5.8	34
190	Transient Receptor Potential Vanilloid 4 and Serum Glucocorticoid-regulated Kinase 1 Are Critical Mediators of Lung Injury in Overventilated Mice In Vivo. <i>Anesthesiology</i> , 2017 , 126, 300-311	4.3	33
189	Impaired lung repair during neutropenia can be reverted by matrix metalloproteinase-9. <i>Thorax</i> , 2018 , 73, 321-330	7.3	33
188	alpha(v)beta(3) integrin induces tyrosine phosphorylation-dependent Ca(2+) influx in pulmonary endothelial cells. <i>Circulation Research</i> , 2000 , 86, 456-62	15.7	33
187	Selectins revisited: the emerging role of platelets in inflammatory lung disease. <i>Journal of Clinical Investigation</i> , 2006 , 116, 3106-8	15.9	33
186	Pneumonia treatment by photodynamic therapy with extracorporeal illumination - an experimental model. <i>Physiological Reports</i> , 2017 , 5, e13190	2.6	32
185	Comparison of two in vivo microscopy techniques to visualize alveolar mechanics. <i>Journal of Clinical Monitoring and Computing</i> , 2009 , 23, 323-32	2	32
184	TRPV4-A Missing Link Between Mechanosensation and Immunity. <i>Frontiers in Immunology</i> , 2020 , 11, 4138.4		31
183	Inflammation and autoimmunity in pulmonary hypertension: is there a role for endothelial adhesion molecules? (2017 Grover Conference Series). <i>Pulmonary Circulation</i> , 2018 , 8, 2045893218757596	2.7	31
182	Adhesion Molecules: Master Controllers of the Circulatory System. <i>Comprehensive Physiology</i> , 2016 , 6, 945-73	7.7	31
181	Coagulation factor XII regulates inflammatory responses in human lungs. <i>Thrombosis and Haemostasis</i> , 2017 , 117, 1896-1907	7	31
180	Precapillary oxygenation contributes relevantly to gas exchange in the intact lung. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013 , 188, 474-81	10.2	31
179	The prostaglandins epoprostenol and iloprost increase left ventricular contractility in vivo. <i>Intensive Care Medicine</i> , 2003 , 29, 1574-83	14.5	31
178	Acute Lung Injury Causes Asynchronous Alveolar Ventilation That Can Be Corrected by Individual Sighs. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016 , 193, 396-406	10.2	30
177	Improved resolution in extracellular vesicle populations using 405 instead of 488nm side scatter. <i>Journal of Extracellular Vesicles</i> , 2018 , 7, 1454776	16.4	29
176	Abrupt Deflation after Sustained Inflation Causes Lung Injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 198, 1165-1176	10.2	28
175	Knee extensor fatigability after bedrest for 8 weeks with and without countermeasure. <i>Muscle and Nerve</i> , 2007 , 36, 798-806	3.4	28

174	Relevance of depth resolution for cerebral blood flow monitoring by near-infrared spectroscopic bolus tracking during cardiopulmonary bypass. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2006 , 132, 1172-8	1.5	28
173	Endothelial cell regulation of pulmonary vascular tone, inflammation, and coagulation. <i>Comprehensive Physiology</i> , 2015 , 5, 531-59	7.7	27
172	Evaluation of PEEP and prone positioning in early COVID-19 ARDS. <i>EClinicalMedicine</i> , 2020 , 28, 100579	11.3	26
171	Pulmonary veins in the normal lung and pulmonary hypertension due to left heart disease. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2013 , 305, L725-36	5.8	25
170	High antithrombin III levels attenuate hemostatic activation and leukocyte activation during cardiopulmonary bypass. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2003 , 126, 906-7	1.5	25
169	Thrombin stimulates albumin transcytosis in lung microvascular endothelial cells via activation of acid sphingomyelinase. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016 , 310, L720-32	5.8	25
168	Perivascular Inflammation in Pulmonary Arterial Hypertension. <i>Cells</i> , 2020 , 9,	7.9	24
167	Extracellular vesicles in lung health, disease, and therapy. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2019 , 316, L977-L989	5.8	23
166	Therapeutic time window for angiotensin-(1-7) in acute lung injury. <i>British Journal of Pharmacology</i> , 2016 , 173, 1618-28	8.6	23
165	Animal models of sarcoidosis. <i>Cell and Tissue Research</i> , 2017 , 367, 651-661	4.2	23
164	Cytokine-Regulation of Na-K-Cl Cotransporter 1 and Cystic Fibrosis Transmembrane Conductance Regulator-Potential Role in Pulmonary Inflammation and Edema Formation. <i>Frontiers in Immunology</i> , 2017 , 8, 393	8.4	23
163	Mechanical ventilation causes airway distension with proinflammatory sequelae in mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2014 , 307, L27-37	5.8	23
162	Functional transient receptor potential vanilloid 1 and transient receptor potential vanilloid 4 channels along different segments of the renal vasculature. <i>Acta Physiologica</i> , 2015 , 213, 481-91	5.6	22
161	Alpha1G T-type calcium channel selectively regulates P-selectin surface expression in pulmonary capillary endothelium. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2010 , 299, L86-97	5.8	22
160	Attenuation of leukocyte sequestration by selective blockade of PECAM-1 or VCAM-1 in murine endotoxemia. <i>European Surgical Research</i> , 2004 , 36, 331-7	1.1	22
159	Dose-dependent, therapeutic potential of angiotensin-(1-7) for the treatment of pulmonary arterial hypertension. <i>Pulmonary Circulation</i> , 2015 , 5, 649-57	2.7	21
158	Pulmonary hypertension due to left heart disease: updated Recommendations of the Cologne Consensus Conference 2011. <i>International Journal of Cardiology</i> , 2011 , 154 Suppl 1, S34-44	3.2	21
157	Inhaled milrinone attenuates experimental acute lung injury. <i>Intensive Care Medicine</i> , 2009 , 35, 171-8	14.5	20

156	Dynamic alveolar mechanics in acute lung injury. <i>Critical Care Medicine</i> , 2010 , 38, 345	1.4	20
155	Theoretical modeling of the interaction between alveoli during inflation and deflation in normal and diseased lungs. <i>Journal of Biomechanics</i> , 2010 , 43, 1202-7	2.9	20
154	Acid sphingomyelinase mediates murine acute lung injury following transfusion of aged platelets. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017 , 312, L625-L637	5.8	19
153	Towards whole-body fluorescence imaging in humans. <i>PLoS ONE</i> , 2013 , 8, e83749	3.7	19
152	Transfusion-related Acute Lung Injury in the Perioperative Patient. <i>Anesthesiology</i> , 2019 , 131, 693-715	4.3	19
151	Connexin 40 regulates lung endothelial permeability in acute lung injury via the ROCK1-MYPT1-MLC20 pathway. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2019 , 316, L35-L44	5.8	19
150	Influenza-Induced Priming and Leak of Human Lung Microvascular Endothelium upon Exposure to Staphylococcus aureus. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2015 , 53, 459-70	5.7	18
149	The hallmarks of severe pulmonary arterial hypertension: the cancer hypothesis-ten years later. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020 , 318, L1115-L1130	5.8	18
148	How NIR is the future in blood flow monitoring?. <i>Journal of Applied Physiology</i> , 2008 , 104, 905-6	3.7	18
147	Alveolar dynamics during mechanical ventilation in the healthy and injured lung. <i>Intensive Care Medicine Experimental</i> , 2019 , 7, 34	3.7	17
146	Leukocyte sequestration in pulmonary microvessels and lung injury following systemic complement activation in rabbits. <i>Journal of Vascular Research</i> , 1999 , 36, 289-98	1.9	17
145	4-Aminopyridine restores impaired hypoxic pulmonary vasoconstriction in endotoxemic mice. <i>Anesthesiology</i> , 2007 , 107, 597-604	4.3	17
144	Plasma mediators in patients with severe COVID-19 cause lung endothelial barrier failure. <i>European Respiratory Journal</i> , 2021 , 57,	13.6	17
143	Evaluation of a commercial multi-dimensional echocardiography technique for ventricular volumetry in small animals. <i>Cardiovascular Ultrasound</i> , 2018 , 16, 10	2.4	16
142	Inhalation of NO during myocardial ischemia reduces infarct size and improves cardiac function. <i>Intensive Care Medicine</i> , 2012 , 38, 1381-91	14.5	16
141	SARS-CoV-2 may hijack GPCR signaling pathways to dysregulate lung ion and fluid transport. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021 , 320, L430-L435	5.8	16
140	Chronic lung injury and impaired pulmonary function in a mouse model of acid ceramidase deficiency. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018 , 314, L406-L420	5.8	16
139	Pathobiology, pathology and genetics of pulmonary hypertension: Update from the Cologne Consensus Conference 2018. <i>International Journal of Cardiology</i> , 2018 , 272S, 4-10	3.2	16

138	Therapeutic Targeting of High-Mobility Group Box-1 in Pulmonary Arterial Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 199, 1566-1569	10.2	15
137	Experimental Right Ventricular Hypertension Induces Regional β -Integrin-Mediated Transduction of Hypertrophic and Profibrotic Right and Left Ventricular Signaling. <i>Journal of the American Heart Association</i> , 2018 , 7,	6	15
136	Microparticles as biomarkers of lung disease: enumeration in biological fluids using lipid bilayer microspheres. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016 , 310, L802-14	5.8	15
135	Virtual four-dimensional imaging of lung parenchyma by optical coherence tomography in mice. <i>Journal of Biomedical Optics</i> , 2010 , 15, 036016	3.5	15
134	Detection of lower torso ischemia by near-infrared spectroscopy during cardiopulmonary bypass in a 6.8-kg infant with complex aortic anatomy. <i>Annals of Thoracic Surgery</i> , 2006 , 82, 323-5	2.7	15
133	Measurement of absolute values of hemoglobin oxygenation in the brain of small rodents by near infrared reflection spectrophotometry. <i>Journal of Neuroscience Methods</i> , 2002 , 114, 107-17	3	15
132	Heparin-level-based anticoagulation management during cardiopulmonary bypass: a pilot investigation on the effects of a half-dose aprotinin protocol on postoperative blood loss and hemostatic activation and inflammatory response. <i>Anesthesia and Analgesia</i> , 2004 , 98, 285-290	3.9	15
131	Hot topics in the mechanisms of pulmonary arterial hypertension disease: cancer-like pathobiology, the role of the adventitia, systemic involvement, and right ventricular failure. <i>Pulmonary Circulation</i> , 2019 , 9, 2045894019889775	2.7	15
130	Protective function of DJ-1/PARK7 in lipopolysaccharide and ventilator-induced acute lung injury. <i>Redox Biology</i> , 2021 , 38, 101796	11.3	15
129	The Janus-faced regulation of endothelial permeability by cyclic GMP. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2011 , 301, L157-60	5.8	14
128	On Top of the Alveolar Epithelium: Surfactant and the Glycocalyx. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	13
127	Lung Ultrasound and Microbubbles Enhance Aminoglycoside Efficacy and Delivery to the Lung in Escherichia coli-induced Pneumonia and Acute Respiratory Distress Syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 198, 404-408	10.2	13
126	Real-time imaging assessment of pulmonary vascular responses. <i>Proceedings of the American Thoracic Society</i> , 2011 , 8, 458-65		13
125	Endothelial-specific deletion of autophagy-related 7 (ATG7) attenuates arterial thrombosis in mice. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017 , 154, 978-988.e1	1.5	12
124	Transient Receptor Potential Vanilloid 4 Channel Deficiency Aggravates Tubular Damage after Acute Renal Ischaemia Reperfusion. <i>Scientific Reports</i> , 2018 , 8, 4878	4.9	12
123	Characterization of Myocardial Microstructure and Function in an Experimental Model of Isolated Subendocardial Damage. <i>Hypertension</i> , 2019 , 74, 295-304	8.5	12
122	Absence of the calcium-binding protein, S100A1, confers pulmonary hypertension in mice associated with endothelial dysfunction and apoptosis. <i>Cardiovascular Research</i> , 2015 , 105, 8-19	9.9	12
121	Platelet extracellular vesicles mediate transfusion-related acute lung injury by imbalancing the sphingolipid rheostat. <i>Blood</i> , 2021 , 137, 690-701	2.2	12

120	The oxygen dissociation curve of blood in COVID-19. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021 , 321, L349-L357	5.8	12
119	Effects of tirofiban on hemostatic activation and inflammatory response during cardiopulmonary bypass. <i>American Journal of Cardiology</i> , 2003 , 91, 346-7	3	11
118	Transbronchial mediastinal cryobiopsy in the diagnosis of mediastinal lesions: a randomised trial. <i>European Respiratory Journal</i> , 2021 , 58,	13.6	11
117	Oestrogen-mediated upregulation of the Mas receptor contributes to sex differences in acute lung injury and lung vascular barrier regulation. <i>European Respiratory Journal</i> , 2021 , 57,	13.6	11
116	Three-dimensional simultaneous optical coherence tomography and confocal fluorescence microscopy for investigation of lung tissue. <i>Journal of Biomedical Optics</i> , 2012 , 17, 071310	3.5	10
115	Arteriolar blood flow pulsatility in a patient before and after implantation of an axial flow pump. <i>Annals of Thoracic Surgery</i> , 2006 , 81, 1109-11	2.7	10
114	Vasodilatory effect of the stable vasoactive intestinal peptide analog RO 25-1553 in murine and rat lungs. <i>PLoS ONE</i> , 2013 , 8, e75861	3.7	10
113	Cardiovascular sequelae of pneumonia. <i>Current Opinion in Pulmonary Medicine</i> , 2019 , 25, 257-262	3	10
112	Role of phosphatase and tensin homolog in hypoxic pulmonary vasoconstriction. <i>Cardiovascular Research</i> , 2017 , 113, 869-878	9.9	9
111	Spleen tyrosine kinase inhibition blocks airway constriction and protects from Th2-induced airway inflammation and remodeling. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2017 , 72, 1061-1072	9.3	9
110	Is basic science disappearing from medicine? The decline of biomedical research in the medical literature. <i>FASEB Journal</i> , 2016 , 30, 515-8	0.9	9
109	A pro-con debate: current controversies in PAH pathogenesis at the American Thoracic Society International Conference in 2017. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018 , 315, L502-L516	5.8	9
108	Methods for quantitative evaluation of alveolar structure during in vivo microscopy. <i>Respiratory Physiology and Neurobiology</i> , 2011 , 176, 123-9	2.8	9
107	Complement activation induces excessive T cell cytotoxicity in severe COVID-19.. <i>Cell</i> , 2021 ,	56.2	9
106	Coronary Microcirculation in Ischemic Heart Disease. <i>Current Pharmaceutical Design</i> , 2018 , 24, 2893-2899	3.3	9
105	Inflammatory pathways and microvascular responses in the lung. <i>Pharmacological Reports</i> , 2005 , 57 Suppl, 196-205	3.9	9
104	Sphingosine Kinase 1 Regulates Inflammation and Contributes to Acute Lung Injury in Pneumococcal Pneumonia via the Sphingosine-1-Phosphate Receptor 2. <i>Critical Care Medicine</i> , 2018 , 46, e258-e267	1.4	8
103	Difficulties in modelling ARDS (2017 Grover Conference Series). <i>Pulmonary Circulation</i> , 2018 , 8, 20458940-18766737	4.1	8

102	An experimental model for simultaneous quantitative analysis of pulmonary micro- and macrocirculation during unilateral hypoxia in vivo. <i>Research in Experimental Medicine</i> , 1992 , 192, 431-41		8
101	Bacterial Membrane Vesicles in Pneumonia: From Mediators of Virulence to Innovative Vaccine Candidates. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	8
100	Lung Purinoceptor Activation Triggers Ventilator-Induced Brain Injury. <i>Critical Care Medicine</i> , 2019 , 47, e911-e918	1.4	8
99	The Flow-Dependent Transcription Factor KLF2 Protects Lung Vascular Barrier Function in Acute Respiratory Distress Syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 195, 553-555	10.2	7
98	A two-component simulation model to teach respiratory mechanics. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2007 , 31, 218-22	1.9	7
97	The Role of Selectins During Lung Inflammation and Their Potential Impact for Innovative Therapeutic Strategies. <i>Current Respiratory Medicine Reviews</i> , 2006 , 2, 339-354	0.3	7
96	From bedside to bench: lung ultrasound for the assessment of pulmonary edema in animal models. <i>Cell and Tissue Research</i> , 2020 , 380, 379-392	4.2	6
95	Extracellular vesicles: biomarkers and regulators of vascular function during extracorporeal circulation. <i>Oncotarget</i> , 2018 , 9, 37229-37251	3.3	6
94	TWIST1 Drives Smooth Muscle Cell Proliferation in Pulmonary Hypertension via Loss of GATA-6 and BMPR2. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 202, 1283-1296	10.2	6
93	Smooth Muscle Cells: A Novel Site of P-Selectin Expression with Pathophysiological and Therapeutic Relevance in Pulmonary Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 199, 1307-1309	10.2	6
92	Investigation into the diversity in the fractal dimensions of arterioles and venules in a microvascular network - A quantitative analysis. <i>Microvascular Research</i> , 2019 , 125, 103882	3.7	5
91	Ventilation and Perfusion at the Alveolar Level: Insights From Lung Intravital Microscopy. <i>Frontiers in Physiology</i> , 2020 , 11, 291	4.6	5
90	The Role of the Human Immune System in Chronic Hypoxic Pulmonary Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 198, 528-531	10.2	5
89	Inspiratory preload obliteration may injure lungs via cyclical "on-off" vascular flow. <i>Intensive Care Medicine</i> , 2018 , 44, 1521-1523	14.5	5
88	Update on the Features and Measurements of Experimental Acute Lung Injury in Animals: An Official American Thoracic Society Workshop Report.. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2022 , 66, e1-e14	5.7	5
87	Left ventricular dysfunction in heart failure with preserved ejection fraction-molecular mechanisms and impact on right ventricular function. <i>Cardiovascular Diagnosis and Therapy</i> , 2020 , 10, 1541-1560	2.6	5
86	Modeling of pulsatile flow-dependent nitric oxide regulation in a realistic microvascular network. <i>Microvascular Research</i> , 2017 , 113, 40-49	3.7	4
85	Accurate assessment of LV function using the first automated 2D-border detection algorithm for small animals - evaluation and application to models of LV dysfunction. <i>Cardiovascular Ultrasound</i> , 2019 , 17, 7	2.4	4

84	Go West: translational physiology for noninvasive measurement of pulmonary gas exchange in patients with hypoxemic lung disease. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2019 , 316, L701-L702	5.8	4
83	Statins STAT for (over)ventilated patients?. <i>Critical Care</i> , 2010 , 14, 1014	10.8	4
82	In situ analysis of coronary terminal arteriole diameter responses: technical report of a new experimental model. <i>Journal of Vascular Research</i> , 2003 , 40, 442-8	1.9	4
81	Extracellular vesicles as regulators of kidney function and disease. <i>Intensive Care Medicine Experimental</i> , 2020 , 8, 22	3.7	4
80	Altered fibrin clot structure and dysregulated fibrinolysis contribute to thrombosis risk in severe COVID-19. <i>Blood Advances</i> , 2021 ,	7.8	4
79	Gap junctions regulate vessel diameter in chick chorioallantoic membrane vasculature by both tone-dependent and structural mechanisms. <i>Microcirculation</i> , 2020 , 27, e12590	2.9	4
78	Differential Roles of the Calcium Ion Channel TRPV4 in Host Responses to Mycobacterium tuberculosis Early and Late in Infection. <i>IScience</i> , 2020 , 23, 101206	6.1	4
77	Reduced deformability of stored red blood cells is associated with generation of extracellular vesicles. <i>Transfusion and Apheresis Science</i> , 2020 , 59, 102851	2.4	4
76	Intra-vital imaging of mesenchymal stromal cell kinetics in the pulmonary vasculature during infection. <i>Scientific Reports</i> , 2021 , 11, 5265	4.9	4
75	Hypertrophy-Reduced Autophagy Causes Cardiac Dysfunction by Directly Impacting Cardiomyocyte Contractility. <i>Cells</i> , 2021 , 10,	7.9	4
74	Significance of Mast Cell Formed Extracellular Traps in Microbial Defense. <i>Clinical Reviews in Allergy and Immunology</i> , 2021 , 1	12.3	4
73	Metabolic Glycoengineering Enables the Ultrastructural Visualization of Sialic Acids in the Glycocalyx of the Alveolar Epithelial Cell Line hAELVi. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020 , 8, 614357	5.8	4
72	Speckle-tracking echocardiography combined with imaging mass spectrometry assesses region-dependent alterations. <i>Scientific Reports</i> , 2020 , 10, 3629	4.9	3
71	Pulse wave velocity in the microcirculation reflects both vascular compliance and resistance: Insights from computational approaches. <i>Microcirculation</i> , 2018 , 25, e12458	2.9	3
70	The low-dose combination preparation Vertigoheel activates cyclic nucleotide pathways and stimulates vasorelaxation. <i>Clinical Hemorheology and Microcirculation</i> , 2010 , 46, 23-35	2.5	3
69	From a distance: ventilation-dependent extra-pulmonary injury. <i>Translational Research</i> , 2010 , 155, 217-9 ¹¹		3
68	The Pulmonary Microcirculation 2008 , 712-734		3
67	Heart Rate Reduction Improves Right Ventricular Function and Fibrosis in Pulmonary Hypertension. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020 , 63, 843-855	5.7	3

66	Sodium-coupled neutral amino acid transporter SNAT2 counteracts cardiogenic pulmonary edema by driving alveolar fluid clearance. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021 , 320, L486-L497	5.8	3
65	Point-of-care lung ultrasound in COVID-19 patients: inter- and intra-observer agreement in a prospective observational study. <i>Scientific Reports</i> , 2021 , 11, 10678	4.9	3
64	Heteromeric TRP Channels in Lung Inflammation. <i>Cells</i> , 2021 , 10,	7.9	3
63	Effects of Pressure and Flow on the Pulmonary Endothelium309-335		3
62	Don't judge too RASHly: the multifaceted role of the renin-angiotensin system and its therapeutic potential in COVID-19. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020 , 318, L1023-L1024	5.8	2
61	Take my breath away: perivascular fluid cuffs impair lung mechanics. <i>Critical Care Medicine</i> , 2010 , 38, 1494-6	1.4	2
60	The Pulmonary Microcirculation 2008 , 712-734		2
59	Annual Meeting of the German Society for Microcirculation and Vascular Biology. <i>Journal of Vascular Research</i> , 2004 , 41, 445-478	1.9	2
58	Coalescent angiogenesis-evidence for a novel concept of vascular network maturation.. <i>Angiogenesis</i> , 2021 , 25, 35	10.6	2
57	COVID-19: Urgent Reconsideration of Lung Edema as a Preventable Outcome: Inhibition of TRPV4 As a Promising and Feasible Approach. <i>SSRN Electronic Journal</i> , 2020 , 3558887	1	2
56	Pannexin 1-a novel regulator of acute hypoxic pulmonary vasoconstriction. <i>Cardiovascular Research</i> , 2021 ,	9.9	2
55	Sequential formation of reactive oxygen species by mitochondria and NAD(P)H oxidase in lung endothelial cells during hyperoxia. <i>FASEB Journal</i> , 2006 , 20, A725	0.9	2
54	Pressure-Induced Inflammatory Signaling in Lung Endothelial Cells 2005 , 61-71		2
53	Right-ventricular dysfunction in HFpEF is linked to altered cardiomyocyte Ca homeostasis and myofilament sensitivity. <i>ESC Heart Failure</i> , 2021 , 8, 3130-3144	3.7	2
52	The role of cell-free hemoglobin and haptoglobin in acute kidney injury in critically ill adults with ARDS and therapy with VV ECMO.. <i>Critical Care</i> , 2022 , 26, 50	10.8	2
51	Letter by Kuebler and Friedberg Regarding Article, "Pulmonary Artery Denervation by Determining Targeted Ablation Sites for Treatment of Pulmonary Arterial Hypertension". <i>Circulation: Cardiovascular Interventions</i> , 2018 , 11, e006148	6	1
50	Vascular Calcification in Pulmonary Hypertension. Another Brick in the Wall. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016 , 194, 1187-1189	10.2	1
49	Investigation of alveolar tissue deformations using OCT combined with fluorescence microscopy 2011 ,		1

48	Multimodal imaging of lung tissue using optical coherence tomography and two photon microscopy 2012,		1
47	Effects of unfractionated heparin, low molecular weight heparin and r-hirudin on leukocyte adhesion in ischemia/reperfusion. <i>Blood Coagulation and Fibrinolysis</i> , 2004 , 15, 375-81	1	1
46	Spontaneous Degenerative Aortic Valve Disease in New Zealand Obese Mice. <i>Journal of the American Heart Association</i> , 2021 , 10, e023131	6	1
45	A new model for intravital microscopy of the murine pulmonary microcirculation. <i>FASEB Journal</i> , 2006 , 20, A285	0.9	1
44	Role of PTEN in Hypoxic Pulmonary Vasoconstriction. <i>FASEB Journal</i> , 2015 , 29, 1031.3	0.9	1
43	Role of CFTR and sphingolipids in hypoxic pulmonary vasoconstriction. <i>FASEB Journal</i> , 2012 , 26, 700.3	0.9	1
42	Role of Transient receptor potential vanilloid 4 in neutrophil activation and acute lung injury. <i>FASEB Journal</i> , 2013 , 27, 714.25	0.9	1
41	Progress and potential of mesenchymal stromal cell therapy in acute respiratory distress syndrome 2021 , 353-372		1
40	Bilateral infiltrates in a health-care worker during the COVID-19 pandemic. <i>Lancet Infectious Diseases, The</i> , 2021 , 21, 742	25.5	1
39	SARS-CoV-2 May Hijack GPCR Signaling Pathways to Compromise Lung Ion and Fluid Transport. <i>FASEB Journal</i> , 2021 , 35,	0.9	1
38	Single-cell transcriptome identifies upregulated subtype of alveolar macrophages in patients with critical COVID-19. <i>IScience</i> , 2021 , 24, 103030	6.1	1
37	Reply to Vogel et al. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021 , 321, L638-L639	5.8	1
36	In Vitro Screening Identifies TRPV4 and PAR1 as Targets for Endothelial Barrier Stabilization in COVID-19.. <i>FASEB Journal</i> , 2022 , 36 Suppl 1,	0.9	1
35	Vascular-induced lung injury: another advocate for personalized ARDS management : Discussion on "Inspiratory preload obliteration may injure lungs via cyclical on-offPvascular flow". <i>Intensive Care Medicine</i> , 2018 , 44, 540-541	14.5	0
34	Reply to Gille et al.. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2022 , 322, L176-L177	5.8	0
33	Reply to Eisenhut. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021 , 321, L287-L289	5.8	0
32	Repeated endo-tracheal tube disconnection generates pulmonary edema in a model of volume overload: an experimental study.. <i>Critical Care</i> , 2022 , 26, 47	10.8	0
31	Visualizing the spatiotemporal pattern of yolk sac membrane vascular network by enhanced local fractal analysis.. <i>Microcirculation</i> , 2021 , e12746	2.9	0

30	Mediastinal emphysema after long-distance flight with ketoacidosis and underlying diabetes mellitus type 1. <i>Respirology Case Reports</i> , 2019 , 7, e00423	0.9
29	New targets in pulmonary hypertension--another ACE up the sleeve. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009 , 180, 481-2; author reply 482	10.2
28	Clinical Use of Normobaric Hyperoxia. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2006 , 35, 404a-405	5.7
27	Stretch-induced activation of Hippo signaling in lung microvascular endothelial cells is a novel mechanism of overventilation-induced pulmonary fibrosis. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9
26	CFTR in the regulation of pulmonary vascular tone and remodeling. <i>European Respiratory Journal</i> , 2021 , 58,	13.6
25	Depolarization Evokes Calcium Entry Through Ca _v 3.1 Channels in Lung Microvascular Endothelium in situ.. <i>FASEB Journal</i> , 2006 , 20, A749	0.9
24	Impaired Ca ²⁺ -signaling protects lungs from development of severe hydrostatic lung edema in congestive heart failure (CHF). <i>FASEB Journal</i> , 2006 , 20, A746	0.9
23	Lung endothelial TRPV channels are downregulated in heart failure. <i>FASEB Journal</i> , 2007 , 21, A858	0.9
22	Amiloride-sensitive Na ⁺ -channels are blocked by endothelial derived NO in hydrostatic stress. <i>FASEB Journal</i> , 2007 , 21, A553	0.9
21	Pulmonary venous hypertension causes differential expression of developmental genes in the lung. <i>FASEB Journal</i> , 2008 , 22, 1209.13	0.9
20	cGMP regulates mechanosensitive TRPV4 channels in lung endothelial cells. <i>FASEB Journal</i> , 2008 , 22, 1213.8	0.9
19	Ceramide Containing Microparticles from Aged Stored Platelets Recapitulate Aspects of Murine Transfusion Related Acute Lung Injury. <i>FASEB Journal</i> , 2018 , 32, 746.2	0.9
18	Mesenchymal Stromal Cell Microparticles Enhance Lung Endothelial Barrier Through CD44 and the S1P/ceramide Rheostat. <i>FASEB Journal</i> , 2018 , 32, 917.4	0.9
17	Ca ²⁺ Signaling and Barrier Function of Lung Microvascular Endothelial Cells are Modulated by Mesenchymal Stromal Cell Microparticles. <i>FASEB Journal</i> , 2019 , 33, 845.6	0.9
16	Sodium-coupled neutral amino acid transporter SNAT2 is critical for alveolar fluid transport and resolution of pulmonary edema. <i>FASEB Journal</i> , 2019 , 33, 846.3	0.9
15	High-endothelial cell-derived S1P regulates dendritic cell localization and vascular integrity in the lymph node. <i>FASEB Journal</i> , 2019 , 33, 523.2	0.9
14	Stretch-induced activation of Hippo signaling in lung microvascular endothelial cells: A novel mechanism of overventilation-induced pulmonary fibrosis. <i>FASEB Journal</i> , 2019 , 33, 845.10	0.9
13	Extracellular Vesicle Sphingolipids from Stored Platelets Mediate Transfusion Related Acute Lung Injury. <i>FASEB Journal</i> , 2019 , 33, 845.2	0.9

12	Pulsatility damping in the microcirculation: Basic pattern and modulating factors. <i>Microvascular Research</i> , 2022 , 139, 104259	3.7
11	Ca ²⁺ entry via transient receptor potential vanilloid channel 4 mediates ventilation-induced lung vascular barrier failure (1176.3). <i>FASEB Journal</i> , 2014 , 28, 1176.3	0.9
10	Inhaled nitric oxide improves left ventricular function during myocardial ischemia. <i>FASEB Journal</i> , 2009 , 23, 1032.5	0.9
9	Lung endothelial dysfunction in heart failure: Role of impaired Ca ²⁺ signaling and cytoskeletal reorganization. <i>FASEB Journal</i> , 2010 , 24, 797.4	0.9
8	The Role of Recipient Platelets In the Prevention of Antibody-Mediated Transfusion Related Acute Lung Injury (TRALI). <i>Blood</i> , 2010 , 116, 3351-3351	2.2
7	Cell Physiology and Fluid Mechanics in the Pulmonary Alveolus and Its Capillaries. <i>Notes on Numerical Fluid Mechanics and Multidisciplinary Design</i> , 2011 , 49-65	0.3
6	Intravenous Gammaglobulin (IVIg) Therapy Prevents Antibody-Mediated Transfusion Related Acute Lung Injury (TRALI) by Directly Inhibiting Recipient Neutrophil Activation in a Murine Model. <i>Blood</i> , 2011 , 118, 42-42	2.2
5	Active transepithelial Cl ⁻ secretion promotes hydrostatic lung edema. <i>FASEB Journal</i> , 2012 , 26, 696.10	0.9
4	Connecting the dots: the role of connexins in the pulmonary vascular response to hypoxia. <i>European Respiratory Journal</i> , 2021 , 57,	13.6
3	Sex-specific differences in plasma levels of FXII, HK, and FXIIa-C1-esterase inhibitor complexes in community-acquired pneumonia. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021 , 321, L764-L774	5.8
2	Reply to Santini et al.: High Positive End-Expiratory Pressure: Only a Dam against Edema Formation? Probably Not (Again). <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 199, 544	10.2
1	membrane vesicles cause endothelial barrier failure and lung injury.. <i>European Respiratory Journal</i> , 2022 ,	13.6