Werner Seeger

List of Publications by Year
in descending order

726 papers	49,105 citations	1704 104 h-index	3487 182 g-index
747 all docs	747 docs citations	747 times ranked	38861 citing authors

#	Article	IF	Citations
1	Inhaled Iloprost for Severe Pulmonary Hypertension. New England Journal of Medicine, 2002, 347, 322-329.	27.0	1,626
2	Clinical classification of pulmonary hypertension. Journal of the American College of Cardiology, 2004, 43, S5-S12.	2.8	1,542
3	Reversal of experimental pulmonary hypertension by PDGF inhibition. Journal of Clinical Investigation, 2005, 115, 2811-2821.	8.2	917
4	Sildenafil for treatment of lung fibrosis and pulmonary hypertension: a randomised controlled trial. Lancet, The, 2002, 360, 895-900.	13.7	720
5	Updated Treatment Algorithm of Pulmonary Arterial Hypertension. Journal of the American College of Cardiology, 2013, 62, D60-D72.	2.8	596
6	Enhanced Release of Superoxide from Polymorphonuclear Neutrophils in Obstructive Sleep Apnea. American Journal of Respiratory and Critical Care Medicine, 2000, 162, 566-570.	5.6	574
7	Real-time quantitative RTâ€"PCR after laser-assisted cell picking. Nature Medicine, 1998, 4, 1329-1333.	30.7	547
8	Pulmonary Hypertension Due to Left Heart Diseases. Journal of the American College of Cardiology, 2013, 62, D100-D108.	2.8	541
9	Pulmonary Hypertension in Chronic Lung Diseases. Journal of the American College of Cardiology, 2013, 62, D109-D116.	2.8	518
10	Addition of Inhaled Treprostinil to Oral Therapy for Pulmonary Arterial Hypertension. Journal of the American College of Cardiology, 2010, 55, 1915-1922.	2.8	484
11	Epithelial Endoplasmic Reticulum Stress and Apoptosis in Sporadic Idiopathic Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2008, 178, 838-846.	5.6	447
12	WNT1-inducible signaling proteinâ€"1 mediates pulmonary fibrosis in mice and is upregulated in humans with idiopathic pulmonary fibrosis. Journal of Clinical Investigation, 2009, 119, 772-87.	8.2	447
13	Combination Therapy with Oral Sildenafil and Inhaled Iloprost for Severe Pulmonary Hypertension. Annals of Internal Medicine, 2002, 136, 515.	3.9	446
14	Imatinib for the Treatment of Pulmonary Arterial Hypertension. New England Journal of Medicine, 2005, 353, 1412-1413.	27.0	440
15	Functional Wnt Signaling Is Increased in Idiopathic Pulmonary Fibrosis. PLoS ONE, 2008, 3, e2142.	2.5	429
16	Pulmonary hypertension in chronic lung disease and hypoxia. European Respiratory Journal, 2019, 53, 1801914.	6.7	428
17	Effect of Recombinant Surfactant Protein Câ€"Based Surfactant on the Acute Respiratory Distress Syndrome. New England Journal of Medicine, 2004, 351, 884-892.	27.0	414
18	Inhaled Prostacyclin and Iloprost in Severe Pulmonary Hypertension Secondary to Lung Fibrosis. American Journal of Respiratory and Critical Care Medicine, 1999, 160, 600-607.	5.6	369

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19	Mutations of the TGF-Î² type II receptorBMPR2 in pulmonary arterial hypertension. Human Mutation, 2006, 27, 121-132.	2.5	368
20	Oral sildenafil as long-term adjunct therapy to inhaled iloprost in severe pulmonary arterial hypertension. Journal of the American College of Cardiology, 2003, 42, 158-164.	2.8	359
21	Alveolar Fibrin Formation Caused by Enhanced Procoagulant and Depressed Fibrinolytic Capacities in Severe Pneumonia. American Journal of Respiratory and Critical Care Medicine, 2000, 161, 454-462.	5.6	334
22	Lung epithelial apoptosis in influenza virus pneumonia: the role of macrophage-expressed TNF-related apoptosis-inducing ligand. Journal of Experimental Medicine, 2008, 205, 3065-3077.	8.5	323
23	Hypoxia-Dependent Regulation of Nonphagocytic NADPH Oxidase Subunit NOX4 in the Pulmonary Vasculature. Circulation Research, 2007, 101, 258-267.	4.5	317
24	Mesenchymal Stem Cells in Fibrotic Disease. Cell Stem Cell, 2017, 21, 166-177.	11.1	309
25	A comparison of the acute hemodynamic effects of inhaled nitric oxide and aerosolized iloprost in primary pulmonary hypertension. Journal of the American College of Cardiology, 2000, 35, 176-182.	2.8	296
26	Immune and Inflammatory Cell Involvement in the Pathology of Idiopathic Pulmonary Arterial Hypertension. American Journal of Respiratory and Critical Care Medicine, 2012, 186, 897-908.	5.6	296
27	Inducible NOS Inhibition Reverses Tobacco-Smoke-Induced Emphysema and Pulmonary Hypertension in Mice. Cell, 2011, 147, 293-305.	28.9	293
28	Identification of rare sequence variation underlying heritable pulmonary arterial hypertension. Nature Communications, 2018, 9, 1416.	12.8	279
29	Classical transient receptor potential channel 6 (TRPC6) is essential for hypoxic pulmonary vasoconstriction and alveolar gas exchange. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 19093-19098.	7.1	273
30	Sildenafil Increased Exercise Capacity during Hypoxia at Low Altitudes and at Mount Everest Base Camp. Annals of Internal Medicine, 2004, 141, 169.	3.9	271
31	Sildenafil for Long-Term Treatment of Nonoperable Chronic Thromboembolic Pulmonary Hypertension. American Journal of Respiratory and Critical Care Medicine, 2003, 167, 1139-1141.	5.6	265
32	Pro-proliferative and inflammatory signaling converge on FoxO1 transcription factor in pulmonary hypertension. Nature Medicine, 2014, 20, 1289-1300.	30.7	233
33	Chronic Sildenafil Treatment Inhibits Monocrotaline-induced Pulmonary Hypertension in Rats. American Journal of Respiratory and Critical Care Medicine, 2004, 169, 39-45.	5.6	230
34	Inhaled Iloprost To Treat Severe Pulmonary Hypertension: An Uncontrolled Trial. Annals of Internal Medicine, 2000, 132, 435.	3.9	229
35	Validation of the Tricuspid Annular Plane Systolic Excursion/Systolic Pulmonary Artery Pressure Ratio for the Assessment of Right Ventricular-Arterial Coupling in Severe Pulmonary Hypertension. Circulation: Cardiovascular Imaging, 2019, 12, e009047.	2.6	222
36	The Giessen Pulmonary Hypertension Registry: Survival in pulmonary hypertension subgroups. Journal of Heart and Lung Transplantation, 2017, 36, 957-967.	0.6	221

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37	Surfactant Abnormalities in Patients with Respiratory Failure after Multiple Trauma. The American Review of Respiratory Disease, 1989, 140, 1033-1039.	2.9	219
38	Parenteral Nutrition with Fish Oil Modulates Cytokine Response in Patients with Sepsis. American Journal of Respiratory and Critical Care Medicine, 2003, 167, 1321-1328.	5.6	219
39	Two-Way Conversion between Lipogenic and Myogenic Fibroblastic Phenotypes Marks the Progression and Resolution of Lung Fibrosis. Cell Stem Cell, 2017, 20, 261-273.e3.	11.1	217
40	Redirecting tumor-associated macrophages to become tumoricidal effectors as a novel strategy for cancer therapy. Oncotarget, 2017, 8, 48436-48452.	1.8	216
41	Hyperoxia modulates TGF-Î²/BMP signaling in a mouse model of bronchopulmonary dysplasia. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2007, 292, L537-L549.	2.9	212
42	End Points and Clinical Trial Design in Pulmonary Arterial Hypertension. Journal of the American College of Cardiology, 2009, 54, S97-S107.	2.8	209
43	Activation of Soluble Guanylate Cyclase Reverses Experimental Pulmonary Hypertension and Vascular Remodeling. Circulation, 2006, 113, 286-295.	1.6	208
44	Impact of TASK-1 in Human Pulmonary Artery Smooth Muscle Cells. Circulation Research, 2006, 98, 1072-1080.	4.5	207
45	Serum Levels of Vascular Endothelial Growth Factor Are Elevated in Patients with Obstructive Sleep Apnea and Severe Nighttime Hypoxia. American Journal of Respiratory and Critical Care Medicine, 2002, 165, 67-70.	5.6	206
46	Comparative analysis of clinical trials and evidence-based treatment algorithm in pulmonary arterial hypertension. Journal of the American College of Cardiology, 2004, 43, S81-S88.	2.8	206
47	Evidence of Dysfunction of Endothelial Progenitors in Pulmonary Arterial Hypertension. American Journal of Respiratory and Critical Care Medicine, 2009, 180, 780-787.	5.6	206
48	Inhibition of MicroRNA-17 Improves Lung and Heart Function in Experimental Pulmonary Hypertension. American Journal of Respiratory and Critical Care Medicine, 2012, 185, 409-419.	5.6	206
49	Stress Doppler Echocardiography in Relatives of Patients With Idiopathic and Familial Pulmonary Arterial Hypertension. Circulation, 2009, 119, 1747-1757.	1.6	205
50	Surfactant alteration and replacement in acute respiratory distress syndrome. Respiratory Research, 2001, 2, 353.	3.6	199
51	The European IPF registry (eurIPFreg): baseline characteristics and survival of patients with idiopathic pulmonary fibrosis. Respiratory Research, 2018, 19, 141.	3.6	199
52	Macrophage-expressed IFN-Î² Contributes to Apoptotic Alveolar Epithelial Cell Injury in Severe Influenza Virus Pneumonia. PLoS Pathogens, 2013, 9, e1003188.	4.7	195
53	Exercise training improves peak oxygen consumption and haemodynamics in patients with severe pulmonary arterial hypertension and inoperable chronic thrombo-embolic pulmonary hypertension: a prospective, randomized, controlled trial. European Heart Journal, 2016, 37, 35-44.	2.2	194
54	Alveolar Epithelial Cells Direct Monocyte Transepithelial Migration upon Influenza Virus Infection: Impact of Chemokines and Adhesion Molecules. Journal of Immunology, 2006, 177, 1817-1824.	0.8	190

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55	Inhibition of monocyte, lymphocyte, and neutrophil adhesion to endothelial cells by human milk oligosaccharides. Thrombosis and Haemostasis, 2004, 92, 1402-1410.	3.4	189
56	Macrophage and Cancer Cell Cross-talk via CCR2 and CX3CR1 Is a Fundamental Mechanism Driving Lung Cancer. American Journal of Respiratory and Critical Care Medicine, 2015, 191, 437-447.	5.6	186
57	Monocytes Are Potent Facilitators of Alveolar Neutrophil Emigration During Lung Inflammation: Role of the CCL2-CCR2 Axis. Journal of Immunology, 2003, 170, 3273-3278.	0.8	184
58	Upregulation of NAD(P)H oxidase 1 in hypoxia activates hypoxia-inducible factor 1 via increase in reactive oxygen species. Free Radical Biology and Medicine, 2004, 36, 1279-1288.	2.9	183
59	Metformin induces lipogenic differentiation in myofibroblasts to reverse lung fibrosis. Nature Communications, 2019, 10, 2987.	12.8	181
60	The Role of CC Chemokine Receptor 2 in Alveolar Monocyte and Neutrophil Immigration in Intact Mice. American Journal of Respiratory and Critical Care Medicine, 2002, 166, 268-273.	5.6	179
61	Transfusion-related acute lung injury due to HLA-A2-specific antibodies in recipient and NB1-specific antibodies in donor blood. British Journal of Haematology, 1996, 93, 707-713.	2.5	178
62	MicroRNA-124 Controls the Proliferative, Migratory, and Inflammatory Phenotype of Pulmonary Vascular Fibroblasts. Circulation Research, 2014, 114, 67-78.	4.5	178
63	Phenotypic characterization of alveolar monocyte recruitment in acute respiratory distress syndrome. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2000, 279, L25-L35.	2.9	171
64	Short-Time Infusion of Fish Oil-Based Lipid Emulsions, Approved for Parenteral Nutrition, Reduces Monocyte Proinflammatory Cytokine Generation and Adhesive Interaction with Endothelium in Humans. Journal of Immunology, 2003, 171, 4837-4843.	0.8	170
65	Adrenomedullin Reduces Endothelial Hyperpermeability. Circulation Research, 2002, 91, 618-625.	4.5	167
66	Ï‰-3 vs. Ï‰-6 lipid emulsions exert differential influence on neutrophils in septic shock patients: impact on plasma fatty acids and lipid mediator generation. Intensive Care Medicine, 2003, 29, 1472-1481.	8.2	167
67	Prevention of Bleomycin-induced Lung Fibrosis by Aerosolization of Heparin or Urokinase in Rabbits. American Journal of Respiratory and Critical Care Medicine, 2003, 168, 1358-1365.	5.6	167
68	Antioxidant Vitamin C Improves Endothelial Function in Obstructive Sleep Apnea. American Journal of Respiratory and Critical Care Medicine, 2006, 173, 897-901.	5.6	167
69	Activation of TRPC6 channels is essential for lung ischaemiaâ€“reperfusion induced oedema in mice. Nature Communications, 2012, 3, 649.	12.8	162
70	Resident Alveolar Macrophages Are Replaced by Recruited Monocytes in Response to Endotoxin-Induced Lung Inflammation. American Journal of Respiratory Cell and Molecular Biology, 2006, 35, 227-235.	2.9	161
71	Increased levels and reduced catabolism of asymmetric and symmetric dimethylarginines in pulmonary hypertension. FASEB Journal, 2005, 19, 1175-1177.	0.5	158
72	Reserve of Right Ventricular-Arterial Coupling in the Setting of Chronic Overload. Circulation: Heart Failure, 2019, 12, e005512.	3.9	158

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73	Abnormalities of Gastric Mucosal Oxygenation in Septic Shock. American Journal of Respiratory and Critical Care Medicine, 1998, 157, 1586-1592.	5.6	157
74	Cardio-Pulmonary-Renal Interactions. Journal of the American College of Cardiology, 2015, 65, 2433-2448.	2.8	157
75	Relevance of the TAPSE/PASP ratio in pulmonary arterial hypertension. International Journal of Cardiology, 2018, 266, 229-235.	1.7	154
76	Nebulization of biodegradable nanoparticles: impact of nebulizer technology and nanoparticle characteristics on aerosol features. Journal of Controlled Release, 2003, 86, 131-144.	9.9	151
77	Simvastatin Inhibits Inflammatory Properties ofStaphylococcus aureusÎ±-Toxin. Circulation, 2002, 106, 2104-2110.	1.6	146
78	AMP-activated protein kinase regulates CO2-induced alveolar epithelial dysfunction in rats and human cells by promoting Na,K-ATPase endocytosis. Journal of Clinical Investigation, 2008, 118, 752-62.	8.2	146
79	Endotoxin-Induced Myocardial Tumor Necrosis Factor-Î± Synthesis Depresses Contractility of Isolated Rat Hearts. Circulation, 2000, 102, 2758-2764.	1.6	143
80	Pulmonary surfactant: functions, abnormalities and therapeutic options. Intensive Care Medicine, 2001, 27, 1699-1717.	8.2	141
81	Phosphodiesterase 1 Upregulation in Pulmonary Arterial Hypertension. Circulation, 2007, 115, 2331-2339.	1.6	139
82	Alteration of Fatty Acid Profiles in Different Pulmonary Surfactant Phospholipids in Acute Respiratory Distress Syndrome and Severe Pneumonia. American Journal of Respiratory and Critical Care Medicine, 2001, 163, 95-100.	5.6	137
83	Fgf10-positive cells represent a progenitor cell population during lung development and postnatally. Development (Cambridge), 2014, 141, 296-306.	2.5	136
84	Favorable Effects of Inhaled Treprostinil in Severe Pulmonary Hypertension. Journal of the American College of Cardiology, 2006, 48, 1672-1681.	2.8	135
85	Differences in hemodynamic and oxygenation responses to three different phosphodiesterase-5 inhibitors in patients with pulmonary arterial hypertension. Journal of the American College of Cardiology, 2004, 44, 1488-1496.	2.8	134
86	TGF-Î² directs trafficking of the epithelial sodium channel ENaC which has implications for ion and fluid transport in acute lung injury. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E374-83.	7.1	129
87	Ï‰-3 Fatty acidâ€“based lipid infusion in patients with chronic plaque psoriasis: Results of a double-blind, randomized, placebo-controlled, multicenter trial. Journal of the American Academy of Dermatology, 1998, 38, 539-547.	1.2	128
88	Dysregulated Bone Morphogenetic Protein Signaling in Monocrotaline-Induced Pulmonary Arterial Hypertension. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 1072-1078.	2.4	127
89	HIF-1Î± signaling is augmented during intermittent hypoxia by induction of the Nrf2 pathway in NOX1-expressing adenocarcinoma A549 cells. Free Radical Biology and Medicine, 2010, 48, 1626-1635.	2.9	126
90	Matrix metalloproteinases and their inhibitors in pulmonary hypertension. European Respiratory Journal, 2012, 40, 766-782.	6.7	125

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91	The Effect of Repeated Ozone Exposures on Inflammatory Markers in Bronchoalveolar Lavage Fluid and Mucosal Biopsies. American Journal of Respiratory and Critical Care Medicine, 2000, 161, 1855-1861.	5.6	123
92	Genetic determinants of risk in pulmonary arterial hypertension: international genome-wide association studies and meta-analysis. Lancet Respiratory Medicine,the, 2019, 7, 227-238.	10.7	122
93	Transgelin is a direct target of TGFâ€Î²/Smad3â€dependent epithelial cell migration in lung fibrosis. FASEB Journal, 2008, 22, 1778-1789.	0.5	121
94	Monocyte Migration Through the Alveolar Epithelial Barrier: Adhesion Molecule Mechanisms and Impact of Chemokines. Journal of Immunology, 2000, 164, 427-435.	0.8	120
95	Characterization of novel spray-dried polymeric particles for controlled pulmonary drug delivery. Journal of Controlled Release, 2012, 158, 329-335.	9.9	120
96	Monocytes recruited into the alveolar air space of mice show a monocytic phenotype but upregulate CD14. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2001, 280, L58-L68.	2.9	119
97	Prostacyclin and its analogues in the treatment of pulmonary hypertension. , 2004, 102, 139-153.		119
98	NOX4 Regulates ROS Levels Under Normoxic and Hypoxic Conditions, Triggers Proliferation, and Inhibits Apoptosis in Pulmonary Artery Adventitial Fibroblasts. Antioxidants and Redox Signaling, 2008, 10, 1687-1698.	5.4	118
99	Role of Epidermal Growth Factor Inhibition in Experimental Pulmonary Hypertension. American Journal of Respiratory and Critical Care Medicine, 2010, 181, 158-167.	5.6	118
100	T<scp>ranslational</scp> A<scp>dvances in the</scp> F<scp>ield of</scp> P<scp>ulmonary</scp> H<scp>ypertension</scp>.From Cancer Biology to New Pulmonary Arterial Hypertension Therapeutics. Targeting Cell Growth and Proliferation Signaling Hubs. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 425-437.	5.6	117
101	Safety and Efficacy of Inhaled Treprostinil as Add-On Therapy to Bosentan in Pulmonary Arterial Hypertension. Journal of the American College of Cardiology, 2006, 48, 1433-1437.	2.8	115
102	Role of resident alveolar macrophages in leukocyte traffic into the alveolar air space of intact mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2002, 282, L1245-L1252.	2.9	113
103	Influenza Virus Infects Epithelial Stem/Progenitor Cells of the Distal Lung: Impact on Fgfr2b-Driven Epithelial Repair. PLoS Pathogens, 2016, 12, e1005544.	4.7	113
104	Reprogramming of tumor-associated macrophages by targeting Î²-catenin/FOSL2/ARID5A signaling: A potential treatment of lung cancer. Science Advances, 2020, 6, eaaz6105.	10.3	110
105	A Search for Subgroups of Patients With ARDS Who May Benefit From Surfactant Replacement Therapy. Chest, 2008, 134, 724-732.	0.8	109
106	Pulmonary drug delivery with aerosolizable nanoparticles in an ex vivo lung model. International Journal of Pharmaceutics, 2009, 367, 169-178.	5.2	109
107	Spatial Density and Distribution of Tumor-Associated Macrophages Predict Survival in Nonâ€“Small Cell Lung Carcinoma. Cancer Research, 2020, 80, 4414-4425.	0.9	109
108	Role of Src Tyrosine Kinases in Experimental Pulmonary Hypertension. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 1354-1365.	2.4	108

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109	Aberrant expression and activity of histone deacetylases in sporadic idiopathic pulmonary fibrosis. Thorax, 2015, 70, 1022-1032.	5.6	106
110	Hypoxia-inducible factor signaling in pulmonary hypertension. Journal of Clinical Investigation, 2020, 130, 5638-5651.	8.2	104
111	Ï‰-3 Fatty acids suppress monocyte adhesion to human endothelial cells: role of endothelial PAF generation. American Journal of Physiology - Heart and Circulatory Physiology, 2002, 283, H811-H818.	3.2	103
112	Macrophage Tumor Necrosis Factor-Î± Induces Epithelial Expression of Granulocyteâ€"Macrophage Colony-stimulating Factor. American Journal of Respiratory and Critical Care Medicine, 2009, 180, 521-532.	5.6	103
113	Senescence-Associated Secretory Phenotype and Its Possible Role in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory Cell and Molecular Biology, 2014, 51, 323-333.	2.9	103
114	Microenvironmental Th9 and Th17 lymphocytes induce metastatic spreading in lung cancer. Journal of Clinical Investigation, 2020, 130, 3560-3575.	8.2	103
115	Immune and Inflammatory Cell Composition of Human Lung Cancer Stroma. PLoS ONE, 2015, 10, e0139073.	2.5	101
116	The Soluble Guanylate Cyclase Stimulator Riociguat Ameliorates Pulmonary Hypertension Induced by Hypoxia and SU5416 in Rats. PLoS ONE, 2012, 7, e43433.	2.5	100
117	Expression profiling of laser-microdissected intrapulmonary arteries in hypoxia-induced pulmonary hypertension. Respiratory Research, 2005, 6, 109.	3.6	99
118	Macrophage-epithelial paracrine crosstalk inhibits lung edema clearance during influenza infection. Journal of Clinical Investigation, 2016, 126, 1566-1580.	8.2	99
119	Hypoxic pulmonary artery fibroblasts trigger proliferation of vascular smooth muscle cellsâ€role of hypoxiaâ€inducible transcription factors. FASEB Journal, 2002, 16, 1660-1661.	0.5	98
120	Long-term effects of inhaled treprostinil in patients with pulmonary arterial hypertension: The TReprostinil sodium Inhalation Used in the Management of Pulmonary arterial Hypertension (TRIUMPH) study open-label extension. Journal of Heart and Lung Transplantation, 2011, 30, 1327-1333.	0.6	98
121	Antiremodeling Effects of Iloprost and the Dual-Selective Phosphodiesterase 3/4 Inhibitor Tolafentrine in Chronic Experimental Pulmonary Hypertension. Circulation Research, 2004, 94, 1101-1108.	4.5	97
122	Biophysical investigation of pulmonary surfactant surface properties upon contact with polymeric nanoparticles in vitro. Nanomedicine: Nanotechnology, Biology, and Medicine, 2011, 7, 341-350.	3.3	97
123	Lysyl Oxidases Play a Causal Role in Vascular Remodeling in Clinical and Experimental Pulmonary Arterial Hypertension. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 1446-1458.	2.4	97
124	Exudate Macrophages Attenuate Lung Injury by the Release of IL-1 Receptor Antagonist in Gram-negative Pneumonia. American Journal of Respiratory and Critical Care Medicine, 2011, 183, 1380-1390.	5.6	94
125	The Noncanonical WNT Pathway Is Operative in Idiopathic Pulmonary Arterial Hypertension. American Journal of Respiratory Cell and Molecular Biology, 2009, 40, 683-691.	2.9	93
126	Alveolar epithelial cells orchestrate DC function in murine viral pneumonia. Journal of Clinical Investigation, 2012, 122, 3652-3664.	8.2	93

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127	Transforming Growth Factor-Î²-Dependent Growth Inhibition in Primary Vascular Smooth Muscle Cells Is p38-Dependent. Journal of Pharmacology and Experimental Therapeutics, 2005, 315, 1005-1012.	2.5	92
128	Impact of Mitochondria and NADPH Oxidases on Acute and Sustained Hypoxic Pulmonary Vasoconstriction. American Journal of Respiratory Cell and Molecular Biology, 2006, 34, 505-513.	2.9	90
129	Mitochondrial Complex IV Subunit 4 Isoform 2 Is Essential for Acute Pulmonary Oxygen Sensing. Circulation Research, 2017, 121, 424-438.	4.5	90
130	TGFâ€Î² signaling is dynamically regulated during the alveolarization of rodent and human lungs. Developmental Dynamics, 2008, 237, 259-269.	1.8	89
131	Obstructive Sleep Apnea, Oxidative Stress and Cardiovascular Disease: Lessons from Animal Studies. Oxidative Medicine and Cellular Longevity, 2013, 2013, 1-7.	4.0	89
132	Increased FGF1-FGFRc expression in idiopathic pulmonary fibrosis. Respiratory Research, 2015, 16, 83.	3.6	89
133	Notch1 signalling regulates endothelial proliferation and apoptosis in pulmonary arterial hypertension. European Respiratory Journal, 2016, 48, 1137-1149.	6.7	89
134	Identification of novel Nox4 splice variants with impact on ROS levels in A549 cells. Biochemical and Biophysical Research Communications, 2005, 329, 32-39.	2.1	88
135	Genetic Association of the Serotonin Transporter in Pulmonary Arterial Hypertension. American Journal of Respiratory and Critical Care Medicine, 2006, 173, 793-797.	5.6	88
136	Hypoxic vasoconstriction in intact lungs: a role for NADPH oxidase-derived H₂O₂?. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2000, 279, L683-L690.	2.9	87
137	Role of Hypoxia-Inducible Factor-1Î± in Hypoxia-Induced Apoptosis of Primary Alveolar Epithelial Type II Cells. American Journal of Respiratory Cell and Molecular Biology, 2005, 32, 395-403.	2.9	87
138	Surface expression of CD74 by type II alveolar epithelial cells: a potential mechanism for macrophage migration inhibitory factor-induced epithelial repair. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2009, 296, L442-L452.	2.9	87
139	Evaluation of Angiogenesis Using Micro-Computed Tomography in a Xenograft Mouse Model of Lung Cancer. Neoplasia, 2009, 11, 48-56.	5.3	87
140	FoxO3 an important player in fibrogenesis and therapeutic target for idiopathic pulmonary fibrosis. EMBO Molecular Medicine, 2018, 10, 276-293.	6.9	85
141	Expression and Activity of Phosphodiesterase Isoforms during Epithelial Mesenchymal Transition: The Role of Phosphodiesterase 4. Molecular Biology of the Cell, 2009, 20, 4751-4765.	2.1	84
142	Modelling bronchopulmonary dysplasia in mice: how much oxygen is enough?. DMM Disease Models and Mechanisms, 2017, 10, 185-196.	2.4	84
143	Lung Surfactant Phospholipids Associate with Polymerizing Fibrin: Loss of Surface Activity. American Journal of Respiratory Cell and Molecular Biology, 1993, 9, 213-220.	2.9	83
144	Epithelial Stress and Apoptosis Underlie Hermansky-Pudlak Syndromeâ€"associated Interstitial Pneumonia. American Journal of Respiratory and Critical Care Medicine, 2010, 182, 207-219.	5.6	83

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145	The Angiotensin II Receptor 2 Is Expressed and Mediates Angiotensin II Signaling in Lung Fibrosis. American Journal of Respiratory Cell and Molecular Biology, 2007, 37, 640-650.	2.9	82
146	Role of the Prostanoid EP4 Receptor in Iloprost-mediated Vasodilatation in Pulmonary Hypertension. American Journal of Respiratory and Critical Care Medicine, 2008, 178, 188-196.	5.6	82
147	Congestive nephropathy: a neglected entity? Proposal for diagnostic criteria and future perspectives. ESC Heart Failure, 2021, 8, 183-203.	3.1	82
148	Physiologic basis for the treatment of pulmonary hypertension. Translational Research, 2001, 138, 287-297.	2.3	81
149	Cellular and molecular mechanisms of hypoxia-inducible factor driven vascular remodeling. Thrombosis and Haemostasis, 2007, 97, 774-787.	3.4	81
150	Comparative Proteomic Analysis of Lung Tissue from Patients with Idiopathic Pulmonary Fibrosis (IPF) and Lung Transplant Donor Lungs. Journal of Proteome Research, 2011, 10, 2185-2205.	3.7	80
151	Stimulation of Soluble Guanylate Cyclase Prevents Cigarette Smokeâ€"induced Pulmonary Hypertension and Emphysema. American Journal of Respiratory and Critical Care Medicine, 2014, 189, 1359-1373.	5.6	80
152	Preoperative Renal Functional Reserve Predicts Risk of Acute Kidney Injury After Cardiac Operation. Annals of Thoracic Surgery, 2018, 105, 1094-1101.	1.3	80
153	Characterization of GDF2 Mutations and Levels of BMP9 and BMP10 in Pulmonary Arterial Hypertension. American Journal of Respiratory and Critical Care Medicine, 2020, 201, 575-585.	5.6	80
154	Pseudomonas aeruginosa cytotoxin stimulates prostacyclin production in cultured pulmonary artery endothelial cells: Membrane attack and calcium influx. Journal of Cellular Physiology, 1985, 123, 64-72.	4.1	79
155	Circulating Vascular Progenitor Cells Do Not Contribute to Compensatory Lung Growth. Circulation Research, 2003, 93, 372-379.	4.5	79
156	Pneumolysin-Induced Lung Injury Is Independent of Leukocyte Trafficking into the Alveolar Space. Journal of Immunology, 2004, 173, 1307-1312.	0.8	79
157	The Inflammatory versus Constitutive Trafficking of Mononuclear Phagocytes into the Alveolar Space of Mice Is Associated with Drastic Changes in Their Gene Expression Profiles. Journal of Immunology, 2005, 175, 1884-1893.	0.8	79
158	Fhl-1, a New Key Protein in Pulmonary Hypertension. Circulation, 2008, 118, 1183-1194.	1.6	79
159	Iloprost-Containing Liposomes for Aerosol Application in Pulmonary Arterial Hypertension: Formulation Aspects and Stability. Pharmaceutical Research, 2007, 24, 277-287.	3.5	78
160	ASK1 Inhibition Halts Disease Progression in Preclinical Models of Pulmonary Arterial Hypertension. American Journal of Respiratory and Critical Care Medicine, 2018, 197, 373-385.	5.6	78
161	Fish oil in critical illness. Current Opinion in Clinical Nutrition and Metabolic Care, 2008, 11, 121-127.	2.5	77
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