

Werner Seeger

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706

papers

38,378

citations

95

h-index

163

g-index

747

ext. papers

44,176

ext. citations

7.1

avg, IF

6.9

L-index

#	Paper	IF	Citations
706	Inhaled iloprost for severe pulmonary hypertension. <i>New England Journal of Medicine</i> , 2002 , 347, 322-9	59.2	1308
705	Clinical classification of pulmonary hypertension. <i>Journal of the American College of Cardiology</i> , 2004 , 43, 5S-12S	15.1	1162
704	Reversal of experimental pulmonary hypertension by PDGF inhibition. <i>Journal of Clinical Investigation</i> , 2005 , 115, 2811-21	15.9	764
703	Sildenafil for treatment of lung fibrosis and pulmonary hypertension: a randomised controlled trial. <i>Lancet, The</i> , 2002 , 360, 895-900	4.0	590
702	Real-time quantitative RT-PCR after laser-assisted cell picking. <i>Nature Medicine</i> , 1998 , 4, 1329-33	50.5	523
701	Enhanced release of superoxide from polymorphonuclear neutrophils in obstructive sleep apnea. Impact of continuous positive airway pressure therapy. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2000 , 162, 566-70	10.2	500
700	Updated treatment algorithm of pulmonary arterial hypertension. <i>Journal of the American College of Cardiology</i> , 2013 , 62, D60-72	15.1	495
699	Pulmonary hypertension due to left heart diseases. <i>Journal of the American College of Cardiology</i> , 2013 , 62, D100-8	15.1	437
698	Pulmonary hypertension in chronic lung diseases. <i>Journal of the American College of Cardiology</i> , 2013 , 62, D109-16	15.1	390
697	WNT1-inducible signaling protein-1 mediates pulmonary fibrosis in mice and is upregulated in humans with idiopathic pulmonary fibrosis. <i>Journal of Clinical Investigation</i> , 2009 , 119, 772-87	15.9	390
696	Addition of inhaled treprostinil to oral therapy for pulmonary arterial hypertension: a randomized controlled clinical trial. <i>Journal of the American College of Cardiology</i> , 2010 , 55, 1915-22	15.1	381
695	Imatinib for the treatment of pulmonary arterial hypertension. <i>New England Journal of Medicine</i> , 2005 , 353, 1412-3	59.2	377
694	Epithelial endoplasmic reticulum stress and apoptosis in sporadic idiopathic pulmonary fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2008 , 178, 838-46	10.2	370
693	Combination therapy with oral sildenafil and inhaled iloprost for severe pulmonary hypertension. <i>Annals of Internal Medicine</i> , 2002 , 136, 515-22	8	346
692	Effect of recombinant surfactant protein C-based surfactant on the acute respiratory distress syndrome. <i>New England Journal of Medicine</i> , 2004 , 351, 884-92	59.2	342
691	Functional Wnt signaling is increased in idiopathic pulmonary fibrosis. <i>PLoS ONE</i> , 2008 , 3, e2142	3.7	341
690	Mutations of the TGF-beta type II receptor BMPR2 in pulmonary arterial hypertension. <i>Human Mutation</i> , 2006 , 27, 121-32	4.7	322

689	Alveolar fibrin formation caused by enhanced procoagulant and depressed fibrinolytic capacities in severe pneumonia. Comparison with the acute respiratory distress syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2000 , 161, 454-62	10.2	302
688	Inhaled prostacyclin and iloprost in severe pulmonary hypertension secondary to lung fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1999 , 160, 600-7	10.2	300
687	Oral sildenafil as long-term adjunct therapy to inhaled iloprost in severe pulmonary arterial hypertension. <i>Journal of the American College of Cardiology</i> , 2003 , 42, 158-64	15.1	290
686	Hypoxia-dependent regulation of nonphagocytic NADPH oxidase subunit NOX4 in the pulmonary vasculature. <i>Circulation Research</i> , 2007 , 101, 258-67	15.7	279
685	Lung epithelial apoptosis in influenza virus pneumonia: the role of macrophage-expressed TNF-related apoptosis-inducing ligand. <i>Journal of Experimental Medicine</i> , 2008 , 205, 3065-77	16.6	265
684	Classical transient receptor potential channel 6 (TRPC6) is essential for hypoxic pulmonary vasoconstriction and alveolar gas exchange. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 19093-8	11.5	247
683	A comparison of the acute hemodynamic effects of inhaled nitric oxide and aerosolized iloprost in primary pulmonary hypertension. German PPH study group. <i>Journal of the American College of Cardiology</i> , 2000 , 35, 176-82	15.1	246
682	Pulmonary hypertension in chronic lung disease and hypoxia. <i>European Respiratory Journal</i> , 2019 , 53,	13.6	231
681	Inducible NOS inhibition reverses tobacco-smoke-induced emphysema and pulmonary hypertension in mice. <i>Cell</i> , 2011 , 147, 293-305	56.2	226
680	Sildenafil increased exercise capacity during hypoxia at low altitudes and at Mount Everest base camp: a randomized, double-blind, placebo-controlled crossover trial. <i>Annals of Internal Medicine</i> , 2004 , 141, 169-77	8	220
679	Immune and inflammatory cell involvement in the pathology of idiopathic pulmonary arterial hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012 , 186, 897-908	10.2	219
678	Sildenafil for long-term treatment of nonoperable chronic thromboembolic pulmonary hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2003 , 167, 1139-41	10.2	211
677	Chronic sildenafil treatment inhibits monocrotaline-induced pulmonary hypertension in rats. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2004 , 169, 39-45	10.2	207
676	Surfactant abnormalities in patients with respiratory failure after multiple trauma. <i>The American Review of Respiratory Disease</i> , 1989 , 140, 1033-9		204
675	Parenteral nutrition with fish oil modulates cytokine response in patients with sepsis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2003 , 167, 1321-8	10.2	188
674	Mesenchymal Stem Cells in Fibrotic Disease. <i>Cell Stem Cell</i> , 2017 , 21, 166-177	18	186
673	Hyperoxia modulates TGF-beta/BMP signaling in a mouse model of bronchopulmonary dysplasia. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2007 , 292, L537-49	5.8	184
672	Pro-proliferative and inflammatory signaling converge on FoxO1 transcription factor in pulmonary hypertension. <i>Nature Medicine</i> , 2014 , 20, 1289-300	50.5	183

671	Activation of soluble guanylate cyclase reverses experimental pulmonary hypertension and vascular remodeling. <i>Circulation</i> , 2006 , 113, 286-95	16.7	183
670	Identification of rare sequence variation underlying heritable pulmonary arterial hypertension. <i>Nature Communications</i> , 2018 , 9, 1416	17.4	182
669	Serum levels of vascular endothelial growth factor are elevated in patients with obstructive sleep apnea and severe nighttime hypoxia. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2002 , 165, 67-70	10.2	177
668	Impact of TASK-1 in human pulmonary artery smooth muscle cells. <i>Circulation Research</i> , 2006 , 98, 1072-80	15.7	174
667	Evidence of dysfunction of endothelial progenitors in pulmonary arterial hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009 , 180, 780-7	10.2	171
666	Inhibition of microRNA-17 improves lung and heart function in experimental pulmonary hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012 , 185, 409-19	10.2	171
665	Inhibition of monocyte, lymphocyte, and neutrophil adhesion to endothelial cells by human milk oligosaccharides. <i>Thrombosis and Haemostasis</i> , 2004 , 92, 1402-10	7	167
664	Inhaled iloprost to treat severe pulmonary hypertension. An uncontrolled trial. German PPH Study Group. <i>Annals of Internal Medicine</i> , 2000 , 132, 435-43	8	167
663	End points and clinical trial design in pulmonary arterial hypertension. <i>Journal of the American College of Cardiology</i> , 2009 , 54, S97-S107	15.1	166
662	Alveolar epithelial cells direct monocyte transepithelial migration upon influenza virus infection: impact of chemokines and adhesion molecules. <i>Journal of Immunology</i> , 2006 , 177, 1817-24	5.3	165
661	Stress Doppler echocardiography in relatives of patients with idiopathic and familial pulmonary arterial hypertension: results of a multicenter European analysis of pulmonary artery pressure response to exercise and hypoxia. <i>Circulation</i> , 2009 , 119, 1747-57	16.7	164
660	Monocytes are potent facilitators of alveolar neutrophil emigration during lung inflammation: role of the CCL2-CCR2 axis. <i>Journal of Immunology</i> , 2003 , 170, 3273-8	5.3	162
659	The role of CC chemokine receptor 2 in alveolar monocyte and neutrophil immigration in intact mice. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2002 , 166, 268-73	10.2	161
658	Surfactant alteration and replacement in acute respiratory distress syndrome. <i>Respiratory Research</i> , 2001 , 2, 353-64	7.3	158
657	Upregulation of NAD(P)H oxidase 1 in hypoxia activates hypoxia-inducible factor 1 via increase in reactive oxygen species. <i>Free Radical Biology and Medicine</i> , 2004 , 36, 1279-88	7.8	156
656	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. <i>Journal of Immunology</i> , 2003 , 171, 4837-43	5.3	154
655	Redirecting tumor-associated macrophages to become tumoricidal effectors as a novel strategy for cancer therapy. <i>Oncotarget</i> , 2017 , 8, 48436-48452	3.3	153
654	Transfusion-related acute lung injury due to HLA-A2-specific antibodies in recipient and NB1-specific antibodies in donor blood. <i>British Journal of Haematology</i> , 1996 , 93, 707-13	4.5	152

653	Antioxidant vitamin C improves endothelial function in obstructive sleep apnea. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2006 , 173, 897-901	10.2	150
652	Prevention of bleomycin-induced lung fibrosis by aerosolization of heparin or urokinase in rabbits. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2003 , 168, 1358-65	10.2	150
651	Omega-3 vs. omega-6 lipid emulsions exert differential influence on neutrophils in septic shock patients: impact on plasma fatty acids and lipid mediator generation. <i>Intensive Care Medicine</i> , 2003 , 29, 1472-81	14.5	148
650	Adrenomedullin reduces endothelial hyperpermeability. <i>Circulation Research</i> , 2002 , 91, 618-25	15.7	147
649	Increased levels and reduced catabolism of asymmetric and symmetric dimethylarginines in pulmonary hypertension. <i>FASEB Journal</i> , 2005 , 19, 1175-7	0.9	144
648	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. <i>European Heart Journal</i> , 2016 , 37, 35-44	9.5	139
647	Simvastatin inhibits inflammatory properties of <i>Staphylococcus aureus</i> alpha-toxin. <i>Circulation</i> , 2002 , 106, 2104-10	16.7	139
646	The Giessen Pulmonary Hypertension Registry: Survival in pulmonary hypertension subgroups. <i>Journal of Heart and Lung Transplantation</i> , 2017 , 36, 957-967	5.8	138
645	MicroRNA-124 controls the proliferative, migratory, and inflammatory phenotype of pulmonary vascular fibroblasts. <i>Circulation Research</i> , 2014 , 114, 67-78	15.7	138
644	Activation of TRPC6 channels is essential for lung ischaemia-reperfusion induced oedema in mice. <i>Nature Communications</i> , 2012 , 3, 649	17.4	137
643	Comparative analysis of clinical trials and evidence-based treatment algorithm in pulmonary arterial hypertension. <i>Journal of the American College of Cardiology</i> , 2004 , 43, 815-885	15.1	137
642	Macrophage-expressed IFN- γ contributes to apoptotic alveolar epithelial cell injury in severe influenza virus pneumonia. <i>PLoS Pathogens</i> , 2013 , 9, e1003188	7.6	136
641	Resident alveolar macrophages are replaced by recruited monocytes in response to endotoxin-induced lung inflammation. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2006 , 35, 227-35	5.7	135
640	Phenotypic characterization of alveolar monocyte recruitment in acute respiratory distress syndrome. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2000 , 279, L25-35	5.8	134
639	Nebulization of biodegradable nanoparticles: impact of nebulizer technology and nanoparticle characteristics on aerosol features. <i>Journal of Controlled Release</i> , 2003 , 86, 131-44	11.7	132
638	AMP-activated protein kinase regulates CO ₂ -induced alveolar epithelial dysfunction in rats and human cells by promoting Na,K-ATPase endocytosis. <i>Journal of Clinical Investigation</i> , 2008 , 118, 752-62	15.9	129
637	Abnormalities of gastric mucosal oxygenation in septic shock: partial responsiveness to dopexamine. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1998 , 157, 1586-92	10.2	127
636	The European IPF registry (eurIPFreg): baseline characteristics and survival of patients with idiopathic pulmonary fibrosis. <i>Respiratory Research</i> , 2018 , 19, 141	7.3	125

635	Endotoxin-induced myocardial tumor necrosis factor-alpha synthesis depresses contractility of isolated rat hearts: evidence for a role of sphingosine and cyclooxygenase-2-derived thromboxane production. <i>Circulation</i> , 2000 , 102, 2758-64	16.7	122
634	Macrophage and cancer cell cross-talk via CCR2 and CX3CR1 is a fundamental mechanism driving lung cancer. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015 , 191, 437-47	10.2	121
633	Two-Way Conversion between Lipogenic and Myogenic Fibroblastic Phenotypes Marks the Progression and Resolution of Lung Fibrosis. <i>Cell Stem Cell</i> , 2017 , 20, 261-273.e3	18	118
632	Phosphodiesterase 1 upregulation in pulmonary arterial hypertension: target for reverse-remodeling therapy. <i>Circulation</i> , 2007 , 115, 2331-9	16.7	118
631	Pulmonary surfactant: functions, abnormalities and therapeutic options. <i>Intensive Care Medicine</i> , 2001 , 27, 1699-717	14.5	118
630	Cardio-Pulmonary-Renal Interactions: A Multidisciplinary Approach. <i>Journal of the American College of Cardiology</i> , 2015 , 65, 2433-48	15.1	117
629	Dysregulated bone morphogenetic protein signaling in monocrotaline-induced pulmonary arterial hypertension. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007 , 27, 1072-8	9.4	115
628	Favorable effects of inhaled treprostinil in severe pulmonary hypertension: results from randomized controlled pilot studies. <i>Journal of the American College of Cardiology</i> , 2006 , 48, 1672-81	15.1	115
627	Alteration of fatty acid profiles in different pulmonary surfactant phospholipids in acute respiratory distress syndrome and severe pneumonia. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2001 , 163, 95-100	10.2	114
626	The effect of repeated ozone exposures on inflammatory markers in bronchoalveolar lavage fluid and mucosal biopsies. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2000 , 161, 1855-61	10.2	113
625	Monocyte migration through the alveolar epithelial barrier: adhesion molecule mechanisms and impact of chemokines. <i>Journal of Immunology</i> , 2000 , 164, 427-35	5.3	111
624	Monocytes recruited into the alveolar air space of mice show a monocytic phenotype but upregulate CD14. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2001 , 280, L58-68	5.8	109
623	Fgf10-positive cells represent a progenitor cell population during lung development and postnatally. <i>Development (Cambridge)</i> , 2014 , 141, 296-306	6.6	108
622	Omega-3 fatty acid-based lipid infusion in patients with chronic plaque psoriasis: results of a double-blind, randomized, placebo-controlled, multicenter trial. <i>Journal of the American Academy of Dermatology</i> , 1998 , 38, 539-47	4.5	108
621	NOX4 regulates ROS levels under normoxic and hypoxic conditions, triggers proliferation, and inhibits apoptosis in pulmonary artery adventitial fibroblasts. <i>Antioxidants and Redox Signaling</i> , 2008 , 10, 1687-98	8.4	108
620	Role of resident alveolar macrophages in leukocyte traffic into the alveolar air space of intact mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2002 , 282, L1245-52	5.8	104
619	Characterization of novel spray-dried polymeric particles for controlled pulmonary drug delivery. <i>Journal of Controlled Release</i> , 2012 , 158, 329-35	11.7	102
618	HIF-1 alpha signaling is augmented during intermittent hypoxia by induction of the Nrf2 pathway in NOX1-expressing adenocarcinoma A549 cells. <i>Free Radical Biology and Medicine</i> , 2010 , 48, 1626-35	7.8	102

617	Transgelin is a direct target of TGF-beta/Smad3-dependent epithelial cell migration in lung fibrosis. <i>FASEB Journal</i> , 2008 , 22, 1778-89	0.9	102
616	Prostacyclin and its analogues in the treatment of pulmonary hypertension 2004 , 102, 139-53		102
615	Safety and efficacy of inhaled treprostinil as add-on therapy to bosentan in pulmonary arterial hypertension. <i>Journal of the American College of Cardiology</i> , 2006 , 48, 1433-7	15.1	101
614	Role of epidermal growth factor inhibition in experimental pulmonary hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010 , 181, 158-67	10.2	99
613	Matrix metalloproteinases and their inhibitors in pulmonary hypertension. <i>European Respiratory Journal</i> , 2012 , 40, 766-82	13.6	96
612	Hypoxic pulmonary artery fibroblasts trigger proliferation of vascular smooth muscle cells: role of hypoxia-inducible transcription factors. <i>FASEB Journal</i> , 2002 , 16, 1660-1	0.9	93
611	Pulmonary drug delivery with aerosolizable nanoparticles in an ex vivo lung model. <i>International Journal of Pharmaceutics</i> , 2009 , 367, 169-78	6.5	90
610	Role of Src tyrosine kinases in experimental pulmonary hypertension. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012 , 32, 1354-65	9.4	90
609	Metformin induces lipogenic differentiation in myofibroblasts to reverse lung fibrosis. <i>Nature Communications</i> , 2019 , 10, 2987	17.4	89
608	The soluble guanylate cyclase stimulator riociguat ameliorates pulmonary hypertension induced by hypoxia and SU5416 in rats. <i>PLoS ONE</i> , 2012 , 7, e43433	3.7	89
607	Omega-3 fatty acids suppress monocyte adhesion to human endothelial cells: role of endothelial PAF generation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2002 , 283, H811-8	5.2	89
606	TGF- β directs trafficking of the epithelial sodium channel ENaC which has implications for ion and fluid transport in acute lung injury. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, E374-83	11.5	87
605	A Search for subgroups of patients with ARDS who may benefit from surfactant replacement therapy: a pooled analysis of five studies with recombinant surfactant protein-C surfactant (Venticute). <i>Chest</i> , 2008 , 134, 724-732	5.3	87
604	Antiremodeling effects of iloprost and the dual-selective phosphodiesterase 3/4 inhibitor tolafentrine in chronic experimental pulmonary hypertension. <i>Circulation Research</i> , 2004 , 94, 1101-8	15.7	86
603	Differences in hemodynamic and oxygenation responses to three different phosphodiesterase-5 inhibitors in patients with pulmonary arterial hypertension: a randomized prospective study. <i>Journal of the American College of Cardiology</i> , 2004 , 44, 1488-96	15.1	86
602	Biophysical investigation of pulmonary surfactant surface properties upon contact with polymeric nanoparticles in vitro. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2011 , 7, 341-50	6	84
601	Impact of mitochondria and NADPH oxidases on acute and sustained hypoxic pulmonary vasoconstriction. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2006 , 34, 505-13	5.7	83
600	Translational Advances in the Field of Pulmonary Hypertension. From Cancer Biology to New Pulmonary Arterial Hypertension Therapeutics. Targeting Cell Growth and Proliferation Signaling Hubs. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 195, 425-437	10.2	81

599	Genetic association of the serotonin transporter in pulmonary arterial hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2006 , 173, 793-7	10.2	81
598	Transforming growth factor-beta-dependent growth inhibition in primary vascular smooth muscle cells is p38-dependent. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005 , 315, 1005-12	4.7	81
597	The noncanonical WNT pathway is operative in idiopathic pulmonary arterial hypertension. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2009 , 40, 683-91	5.7	80
596	Evaluation of angiogenesis using micro-computed tomography in a xenograft mouse model of lung cancer. <i>Neoplasia</i> , 2009 , 11, 48-56	6.4	80
595	Expression profiling of laser-microdissected intrapulmonary arteries in hypoxia-induced pulmonary hypertension. <i>Respiratory Research</i> , 2005 , 6, 109	7.3	80
594	Macrophage tumor necrosis factor-alpha induces epithelial expression of granulocyte-macrophage colony-stimulating factor: impact on alveolar epithelial repair. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009 , 180, 521-32	10.2	79
593	Identification of novel Nox4 splice variants with impact on ROS levels in A549 cells. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 329, 32-9	3.4	79
592	Role of hypoxia-inducible factor-1alpha in hypoxia-induced apoptosis of primary alveolar epithelial type II cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2005 , 32, 395-403	5.7	79
591	Exudate macrophages attenuate lung injury by the release of IL-1 receptor antagonist in gram-negative pneumonia. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011 , 183, 1380-90	10.2	78
590	Reserve of Right Ventricular-Arterial Coupling in the Setting of Chronic Overload. <i>Circulation: Heart Failure</i> , 2019 , 12, e005512	7.6	78
589	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. <i>Circulation: Cardiovascular Imaging</i> , 2019 , 12, e009047	3.9	77
588	Obstructive sleep apnea, oxidative stress and cardiovascular disease: lessons from animal studies. <i>Oxidative Medicine and Cellular Longevity</i> , 2013 , 2013, 234631	6.7	77
587	Senescence-associated secretory phenotype and its possible role in chronic obstructive pulmonary disease. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2014 , 51, 323-33	5.7	76
586	TGF-beta signaling is dynamically regulated during the alveolarization of rodent and human lungs. <i>Developmental Dynamics</i> , 2008 , 237, 259-69	2.9	76
585	Aberrant expression and activity of histone deacetylases in sporadic idiopathic pulmonary fibrosis. <i>Thorax</i> , 2015 , 70, 1022-32	7.3	75
584	Hypoxic vasoconstriction in intact lungs: a role for NADPH oxidase-derived H(2)O(2)? <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2000 , 279, L683-90	5.8	75
583	Lysyl oxidases play a causal role in vascular remodeling in clinical and experimental pulmonary arterial hypertension. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014 , 34, 1446-58	9.4	74
582	Pneumolysin-induced lung injury is independent of leukocyte trafficking into the alveolar space. <i>Journal of Immunology</i> , 2004 , 173, 1307-12	5.3	74

581	Circulating vascular progenitor cells do not contribute to compensatory lung growth. <i>Circulation Research</i> , 2003 , 93, 372-9	15.7	74
580	Alveolar epithelial cells orchestrate DC function in murine viral pneumonia. <i>Journal of Clinical Investigation</i> , 2012 , 122, 3652-64	15.9	74
579	Epithelial stress and apoptosis underlie Hermansky-Pudlak syndrome-associated interstitial pneumonia. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010 , 182, 207-19	10.2	73
578	Expression and activity of phosphodiesterase isoforms during epithelial mesenchymal transition: the role of phosphodiesterase 4. <i>Molecular Biology of the Cell</i> , 2009 , 20, 4751-65	3.5	73
577	The inflammatory versus constitutive trafficking of mononuclear phagocytes into the alveolar space of mice is associated with drastic changes in their gene expression profiles. <i>Journal of Immunology</i> , 2005 , 175, 1884-93	5.3	73
576	Lung surfactant phospholipids associate with polymerizing fibrin: loss of surface activity. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1993 , 9, 213-20	5.7	73
575	Alveolar JE/MCP-1 and endotoxin synergize to provoke lung cytokine upregulation, sequential neutrophil and monocyte influx, and vascular leakage in mice. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2001 , 164, 406-11	10.2	72
574	Macrophage-epithelial paracrine crosstalk inhibits lung edema clearance during influenza infection. <i>Journal of Clinical Investigation</i> , 2016 , 126, 1566-80	15.9	72
573	Influenza Virus Infects Epithelial Stem/Progenitor Cells of the Distal Lung: Impact on Fgfr2b-Driven Epithelial Repair. <i>PLoS Pathogens</i> , 2016 , 12, e1005544	7.6	72
572	Fhl-1, a new key protein in pulmonary hypertension. <i>Circulation</i> , 2008 , 118, 1183-94	16.7	71
571	Cellular and molecular mechanisms of hypoxia-inducible factor driven vascular remodeling. <i>Thrombosis and Haemostasis</i> , 2007 , 97, 774-787	7	71
570	cDNA array hybridization after laser-assisted microdissection from nonneoplastic tissue. <i>American Journal of Pathology</i> , 2002 , 160, 81-90	5.8	71
569	Effects of cell-penetrating peptides and pegylation on transfection efficiency of polyethylenimine in mouse lungs. <i>Journal of Gene Medicine</i> , 2008 , 10, 1236-46	3.5	70
568	The angiotensin II receptor 2 is expressed and mediates angiotensin II signaling in lung fibrosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2007 , 37, 640-50	5.7	70
567	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. <i>Journal of Heart and Lung Transplantation</i> , 2011 , 30, 1327-33	5.8	69
566	Comparative proteomic analysis of lung tissue from patients with idiopathic pulmonary fibrosis (IPF) and lung transplant donor lungs. <i>Journal of Proteome Research</i> , 2011 , 10, 2185-205	5.6	69
565	Oleic acid inhibits alveolar fluid reabsorption: a role in acute respiratory distress syndrome?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005 , 171, 469-79	10.2	68
564	Low-dose systemic phosphodiesterase inhibitors amplify the pulmonary vasodilatory response to inhaled prostacyclin in experimental pulmonary hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1999 , 160, 1500-6	10.2	68

563	Inhaled prostanoids in the therapy of pulmonary hypertension. <i>Journal of Aerosol Medicine and Pulmonary Drug Delivery</i> , 2008 , 21, 1-12	3.8	67
562	Differential effects of drugs targeting cancer stem cell (CSC) and non-CSC populations on lung primary tumors and metastasis. <i>PLoS ONE</i> , 2013 , 8, e79798	3.7	67
561	Immune and Inflammatory Cell Composition of Human Lung Cancer Stroma. <i>PLoS ONE</i> , 2015 , 10, e0139073	3.3	66
560	Role of the prostanoid EP4 receptor in iloprost-mediated vasodilatation in pulmonary hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2008 , 178, 188-96	10.2	66
559	Importance of phosphoinositide 3-kinase gamma in the host defense against pneumococcal infection. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007 , 175, 958-66	10.2	66
558	Relevance of the TAPSE/PASP ratio in pulmonary arterial hypertension. <i>International Journal of Cardiology</i> , 2018 , 266, 229-235	3.2	65
557	Hypoxia-driven proliferation of human pulmonary artery fibroblasts: cross-talk between HIF-1alpha and an autocrine angiotensin system. <i>FASEB Journal</i> , 2005 , 19, 857-9	0.9	65
556	<i>Pseudomonas aeruginosa</i> cytotoxin stimulates prostacyclin production in cultured pulmonary artery endothelial cells: membrane attack and calcium influx. <i>Journal of Cellular Physiology</i> , 1985 , 123, 64-72	7	65
555	Surface expression of CD74 by type II alveolar epithelial cells: a potential mechanism for macrophage migration inhibitory factor-induced epithelial repair. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2009 , 296, L442-52	5.8	64
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