

# Werner Seeger

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/8112737/werner-seeger-publications-by-year.pdf>

**Version:** 2024-04-25

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.

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	Differential LysoTracker Uptake Defines Two Populations of Distal Epithelial Cells in Idiopathic Pulmonary Fibrosis.. <i>Cells</i> , <b>2022</b> , 11,	7.9	2
705	Epigenetic Mechanisms in Parenchymal Lung Diseases: Bystanders or Therapeutic Targets?. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23,	6.3	1
704	Picturing of the Lung Tumor Cellular Composition by Multispectral Flow Cytometry.. <i>Frontiers in Immunology</i> , <b>2022</b> , 13, 827719	8.4	0
703	An essential function for autocrine hedgehog signaling in epithelial proliferation and differentiation in the trachea.. <i>Development (Cambridge)</i> , <b>2022</b> , 149,	6.6	1
702	Relevance of Cor Pulmonale in COPD With and Without Pulmonary Hypertension: A Retrospective Cohort Study.. <i>Frontiers in Cardiovascular Medicine</i> , <b>2022</b> , 9, 826369	5.4	0
701	Immunogenicity and reactogenicity of homologous mRNA-based and vector-based SARS-CoV-2 vaccine regimens in patients receiving maintenance dialysis.. <i>Clinical Immunology</i> , <b>2022</b> , 108961	9	1
700	Effects of preoperative high-oral protein loading on short- and long-term renal outcomes following cardiac surgery: a cohort study.. <i>Journal of Translational Medicine</i> , <b>2022</b> , 20, 204	8.5	
699	Clinical Relevance of Right Atrial Functional Response to Treatment in Pulmonary Arterial Hypertension.. <i>Frontiers in Cardiovascular Medicine</i> , <b>2021</b> , 8, 775039	5.4	1
698	Effects of BPA on right ventricular mechanical dysfunction in patients with inoperable CTEPH - A cardiac magnetic resonance study.. <i>European Journal of Radiology</i> , <b>2021</b> , 147, 110111	4.7	1
697	A comparison of airway pressures for inflation fixation of developing mouse lungs for stereological analyses. <i>Histochemistry and Cell Biology</i> , <b>2021</b> , 155, 203-214	2.4	2
696	Impact of the new definition for pulmonary hypertension in patients with lung disease: an analysis of the United Network for Organ Sharing database. <i>Pulmonary Circulation</i> , <b>2021</b> , 11, 2045894021999960 <sup>2-7</sup>	2.7	2
695	Validity of echocardiographic tricuspid regurgitation gradient to screen for new definition of pulmonary hypertension. <i>EClinicalMedicine</i> , <b>2021</b> , 34, 100822	11.3	3
694	Noninvasive Surrogate Markers of Pulmonary Hypertension Are Associated with Poor Survival in Patients with Lung Cancer. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2021</b> , 203, 1316-1319 <sup>10-2</sup>	10.2	3
693	Right ventricular pressure-volume loop shape and systolic pressure change in pulmonary hypertension. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2021</b> , 320, L715-L725 <sup>5-8</sup>	5.8	4
692	The effect of long-term doxycycline treatment in a mouse model of cigarette smoke-induced emphysema and pulmonary hypertension. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2021</b> , 320, L903-L915	5.8	1
691	Protocol for the generation of murine bronchiolospheres. <i>STAR Protocols</i> , <b>2021</b> , 2, 100594	1.4	0
690	Exercise hemodynamics in heart failure patients with preserved and mid-range ejection fraction: key role of the right heart. <i>Clinical Research in Cardiology</i> , <b>2021</b> , 1	6.1	0

689	Hypercapnia Induces Inositol-Requiring Enzyme 1 $\beta$ -Driven Endoplasmic Reticulum-associated Degradation of the Na,K-ATPase $\beta$ Subunit. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2021</b> , 65, 615-629	5.7	2
688	TRAF2 Is a Novel Ubiquitin E3 Ligase for the Na,K-ATPase $\beta$ Subunit That Drives Alveolar Epithelial Dysfunction in Hypercapnia. <i>Frontiers in Cell and Developmental Biology</i> , <b>2021</b> , 9, 689983	5.7	1
687	Amelioration of elastase-induced lung emphysema and reversal of pulmonary hypertension by pharmacological iNOS inhibition in mice. <i>British Journal of Pharmacology</i> , <b>2021</b> , 178, 152-171	8.6	2
686	Targeting Jak-Stat Signaling in Experimental Pulmonary Hypertension. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2021</b> , 64, 100-114	5.7	10
685	CILP1 as a biomarker for right ventricular maladaptation in pulmonary hypertension. <i>European Respiratory Journal</i> , <b>2021</b> , 57,	13.6	3
684	Congestive nephropathy: a neglected entity? Proposal for diagnostic criteria and future perspectives. <i>ESC Heart Failure</i> , <b>2021</b> , 8, 183-203	3.7	11
683	Immunoglobulin deficiency as an indicator of disease severity in patients with COVID-19. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2021</b> , 320, L590-L599	5.8	5
682	Severe organising pneumonia following COVID-19. <i>Thorax</i> , <b>2021</b> , 76, 201-204	7.3	31
681	The HS-generating enzyme 3-mercaptopyruvate sulfurtransferase regulates pulmonary vascular smooth muscle cell migration and proliferation but does not impact normal or aberrant lung development. <i>Nitric Oxide - Biology and Chemistry</i> , <b>2021</b> , 107, 31-45	5	3
680	Right heart failure in pulmonary hypertension: Diagnosis and new perspectives on vascular and direct right ventricular treatment. <i>British Journal of Pharmacology</i> , <b>2021</b> , 178, 90-107	8.6	17
679	Targeting histone acetylation in pulmonary hypertension and right ventricular hypertrophy. <i>British Journal of Pharmacology</i> , <b>2021</b> , 178, 54-71	8.6	26
678	Genetic Delivery and Gene Therapy in Pulmonary Hypertension. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	3
677	Evaluation of Regional Pulmonary Ventilation in Spontaneously Breathing Patients with Idiopathic Pulmonary Fibrosis (IPF) Employing Electrical Impedance Tomography (EIT): A Pilot Study from the European IPF Registry (eurIPFreg). <i>Journal of Clinical Medicine</i> , <b>2021</b> , 10,	5.1	2
676	A novel non-invasive and echocardiography-derived method for quantification of right ventricular pressure-volume loops. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2021</b> ,	4.1	3
675	PINK1-mediated Mitophagy Contributes to Pulmonary Vascular Remodeling in Pulmonary Hypertension. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2021</b> , 65, 226-228	5.7	1
674	Macrophage-derived IL-6 trans-signaling as a novel target in the pathogenesis of bronchopulmonary dysplasia. <i>European Respiratory Journal</i> , <b>2021</b> ,	13.6	5
673	Exposomes to Exosomes: Exosomes as Tools to Study Epigenetic Adaptive Mechanisms in High-Altitude Humans. <i>International Journal of Environmental Research and Public Health</i> , <b>2021</b> , 18,	4.6	1
672	Deficiency of Axl aggravates pulmonary arterial hypertension via BMPR2. <i>Communications Biology</i> , <b>2021</b> , 4, 1002	6.7	

671	Osteopontin and galectin-3 as biomarkers of maladaptive right ventricular remodeling in pulmonary hypertension. <i>Biomarkers in Medicine</i> , <b>2021</b> , 15, 1021-1034	2.3	1
670	Renal markers for monitoring acute kidney injury transition to chronic kidney disease after COVID-19. <i>Nephrology Dialysis Transplantation</i> , <b>2021</b> , 36, 2143-2147	4.3	1
669	Hidden Treasures: Macrophage Long Non-Coding RNAs in Lung Cancer Progression. <i>Cancers</i> , <b>2021</b> , 13,	6.6	1
668	Reply to Zheng. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2021</b> , 204, 1113	10.2	
667	Impairment of hypoxic pulmonary vasoconstriction in acute respiratory distress syndrome. <i>European Respiratory Review</i> , <b>2021</b> , 30,	9.8	6
666	Interferon Regulatory Factor 9 Promotes Lung Cancer Progression via Regulation of Versican. <i>Cancers</i> , <b>2021</b> , 13,	6.6	2
665	Altered proteasome function in right ventricular hypertrophy. <i>Cardiovascular Research</i> , <b>2020</b> , 116, 406-415	10.5	5
664	Genetic Deletion of p66shc and/or Cyclophilin D Results in Decreased Pulmonary Vascular Tone. <i>Cardiovascular Research</i> , <b>2020</b> ,	9.9	2
663	Evaluation of pulmonary hypertension by right heart catheterisation: does timing matter?. <i>European Respiratory Journal</i> , <b>2020</b> , 56,	13.6	4
662	Effect of p53 activation on experimental right ventricular hypertrophy. <i>PLoS ONE</i> , <b>2020</b> , 15, e0234872	3.7	2
661	Sex Differences in Right Ventricular-Pulmonary Arterial Coupling in Pulmonary Arterial Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2020</b> , 202, 1042-1046	10.2	19
660	NADPH oxidase subunit NOXO1 is a target for emphysema treatment in COPD. <i>Nature Metabolism</i> , <b>2020</b> , 2, 532-546	14.6	4
659	Cytochrome P450 epoxygenase-derived 5,6-epoxyeicosatrienoic acid relaxes pulmonary arteries in normoxia but promotes sustained pulmonary vasoconstriction in hypoxia. <i>Acta Physiologica</i> , <b>2020</b> , 230, e13521	5.6	4
658	Reprogramming of tumor-associated macrophages by targeting Ecatenin/FOSL2/ARID5A signaling: A potential treatment of lung cancer. <i>Science Advances</i> , <b>2020</b> , 6, eaaz6105	14.3	35
657	Clinical and Operative Determinants of Acute Kidney Injury after Cardiac Surgery. <i>CardioRenal Medicine</i> , <b>2020</b> , 10, 340-352	2.8	2
656	Immunomodulation by an Omega-6 Fatty Acid Reduced Mixed Lipid Emulsion in Murine Acute Respiratory Distress Syndrome. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	2
655	Long Noncoding RNA TYKRIL Plays a Role in Pulmonary Hypertension via the p53-mediated Regulation of PDGFR. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2020</b> , 202, 1445-1457	10.2	17
654	Hypercapnia Impairs Na,K-ATPase Function by Inducing Endoplasmic Reticulum Retention of the $\beta$ Subunit of the Enzyme in Alveolar Epithelial Cells. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	9

653	Implication of in vivo circulating fibrocytes ablation in experimental pulmonary hypertension murine model. <i>British Journal of Pharmacology</i> , <b>2020</b> , 177, 2974-2990	8.6	2
652	Right ventricular dyssynchrony: from load-independent right ventricular function to wall stress in severe pulmonary arterial hypertension. <i>Pulmonary Circulation</i> , <b>2020</b> , 10, 2045894020925759	2.7	3
651	SPARCL1 as a biomarker of maladaptive right ventricular remodelling in pulmonary hypertension. <i>Biomarkers</i> , <b>2020</b> , 25, 290-295	2.6	1
650	Microenvironmental Th9 and Th17 lymphocytes induce metastatic spreading in lung cancer. <i>Journal of Clinical Investigation</i> , <b>2020</b> , 130, 3560-3575	15.9	46
649	Hypoxia-inducible factor signaling in pulmonary hypertension. <i>Journal of Clinical Investigation</i> , <b>2020</b> , 130, 5638-5651	15.9	28
648	SCRINSHOT enables spatial mapping of cell states in tissue sections with single-cell resolution. <i>PLoS Biology</i> , <b>2020</b> , 18, e3000675	9.7	14
647	Multilineage murine stem cells generate complex organoids to model distal lung development and disease. <i>EMBO Journal</i> , <b>2020</b> , 39, e103476	13	17
646	Cancer and pulmonary hypertension: Learning lessons and real-life interplay. <i>Global Cardiology Science &amp; Practice</i> , <b>2020</b> , 2020, e202010	0.7	1
645	Cancer and pulmonary hypertension: Learning lessons and real-life interplay. <i>Global Cardiology Science &amp; Practice</i> , <b>2020</b> , 2020, e202010	0.7	1
644	Identification of a Repair-Supportive Mesenchymal Cell Population during Airway Epithelial Regeneration. <i>Cell Reports</i> , <b>2020</b> , 33, 108549	10.6	9
643	Characterization of Mutations and Levels of BMP9 and BMP10 in Pulmonary Arterial Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2020</b> , 201, 575-585	10.2	46
642	Epithelial cell plasticity defines heterogeneity in lung cancer. <i>Cellular Signalling</i> , <b>2020</b> , 65, 109463	4.9	4
641	Association of right atrial conduit phase with right ventricular lusitropic function in pulmonary hypertension. <i>International Journal of Cardiovascular Imaging</i> , <b>2020</b> , 36, 633-642	2.5	7
640	Right ventricular function correlates of right atrial strain in pulmonary hypertension: a combined cardiac magnetic resonance and conductance catheter study. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2020</b> , 318, H156-H164	5.2	18
639	Metabolism in tumour-associated macrophages: a with the tumour microenvironment. <i>European Respiratory Review</i> , <b>2020</b> , 29,	9.8	10
638	Advanced risk stratification of intermediate risk group in pulmonary arterial hypertension. <i>Pulmonary Circulation</i> , <b>2020</b> , 10, 2045894020961739	2.7	5
637	Novel composite clinical endpoints and risk scores used in clinical trials in pulmonary arterial hypertension. <i>Pulmonary Circulation</i> , <b>2020</b> , 10, 2045894020962960	2.7	4
636	IRAG1 Deficient Mice Develop PKG1IDependent Pulmonary Hypertension. <i>Cells</i> , <b>2020</b> , 9,	7.9	2

635	Extracorporeal Carbon Dioxide Removal Using a Renal Replacement Therapy Platform to Enhance Lung-Protective Ventilation in Hypercapnic Patients With Coronavirus Disease 2019-Associated Acute Respiratory Distress Syndrome. <i>Frontiers in Medicine</i> , <b>2020</b> , 7, 598379	4.9	9
634	Minoxidil Cannot Be Used To Target Lysyl Hydroxylases during Postnatal Mouse Lung Development: A Cautionary Note. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2020</b> , 375, 478-487	4.7	0
633	Effects of macitentan and tadalafil monotherapy or their combination on the right ventricle and plasma metabolites in pulmonary hypertensive rats. <i>Pulmonary Circulation</i> , <b>2020</b> , 10, 2045894020947283	3.7	2
632	Assessing the Effectiveness of Pirfenidone in Idiopathic Pulmonary Fibrosis: Long-Term, Real-World Data from European IPF Registry (eurIPFreg). <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	5
631	Clinical and Functional Characteristics of Patients with Unclassifiable Interstitial Lung Disease (uILD): Long-Term Follow-Up Data from European IPF Registry (eurIPFreg). <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	4
630	Impact of litter size on survival, growth and lung alveolarization of newborn mouse pups. <i>Annals of Anatomy</i> , <b>2020</b> , 232, 151579	2.9	1
629	Spatial Density and Distribution of Tumor-Associated Macrophages Predict Survival in Non-Small Cell Lung Carcinoma. <i>Cancer Research</i> , <b>2020</b> , 80, 4414-4425	10.1	27
628	Impact of SARS-CoV-2 pandemic on pulmonary hypertension out-patient clinics in Germany: a multi-centre study. <i>Pulmonary Circulation</i> , <b>2020</b> , 10, 2045894020941682	2.7	9
627	Fibroblast Growth Factor-14 Acts as Tumor Suppressor in Lung Adenocarcinomas. <i>Cells</i> , <b>2020</b> , 9,	7.9	4
626	Commercially available transfection reagents and negative control siRNA are not inert. <i>Analytical Biochemistry</i> , <b>2020</b> , 606, 113828	3.1	0
625	Isoform-specific characterization of class I histone deacetylases and their therapeutic modulation in pulmonary hypertension. <i>Scientific Reports</i> , <b>2020</b> , 10, 12864	4.9	12
624	Pre-transplant renal functional reserve and renal function after lung transplantation. <i>Journal of Heart and Lung Transplantation</i> , <b>2020</b> , 39, 970-974	5.8	0
623	Risk assessment in severe pulmonary hypertension due to interstitial lung disease. <i>Journal of Heart and Lung Transplantation</i> , <b>2020</b> , 39, 1118-1125	5.8	6
622	Metastasis-Associated Protein 2 Represses NF- $\kappa$ B to Reduce Lung Tumor Growth and Inflammation. <i>Cancer Research</i> , <b>2020</b> , 80, 4199-4211	10.1	3
621	Elevated FiO increases SARS-CoV-2 co-receptor expression in respiratory tract epithelium. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2020</b> , 319, L670-L674	5.8	7
620	Decreased Thymic Output Contributes to Immune Defects in Septic Patients. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	1
619	Bayesian Inference Associates Rare Variants with Specific Phenotypes in Pulmonary Arterial Hypertension. <i>Circulation Genomic and Precision Medicine</i> , <b>2020</b> ,	5.2	9
618	Genetic Deficiency and Pharmacological Stabilization of Mast Cells Ameliorate Pressure Overload-Induced Maladaptive Right Ventricular Remodeling in Mice. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	2

617	Evaluation and Prognostic Relevance of Right Ventricular-Arterial Coupling in Pulmonary Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2020</b> , 201, 116-119	10.2	30
616	Bypassing mitochondrial complex III using alternative oxidase inhibits acute pulmonary oxygen sensing. <i>Science Advances</i> , <b>2020</b> , 6, eaba0694	14.3	18
615	Macrophage and Tumor Cell Cross-Talk Is Fundamental for Lung Tumor Progression: We Need to Talk. <i>Frontiers in Oncology</i> , <b>2020</b> , 10, 324	5.3	37
614	The Lung Vasculature: A Driver or Passenger in Lung Branching Morphogenesis?. <i>Frontiers in Cell and Developmental Biology</i> , <b>2020</b> , 8, 623868	5.7	2
613	Is PKM2 Phosphorylation a Prerequisite for Oligomer Disassembly in Pulmonary Arterial Hypertension?. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2019</b> , 200, 1550-1554	10.2	2
612	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> , <b>2019</b> , 12, e009047	3.9	77
611	Impaired right ventricular lusitropy is associated with ventilatory inefficiency in pulmonary arterial hypertension. <i>European Respiratory Journal</i> , <b>2019</b> , 54,	13.6	13
610	IRE1 Signaling As a Putative Therapeutic Target in Influenza Virus-induced Pneumonia. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2019</b> , 61, 537-540	5.7	2
609	Resolvin E1 Improves Mitochondrial Function in Human Alveolar Epithelial Cells during Severe Inflammation. <i>Lipids</i> , <b>2019</b> , 54, 53-65	1.6	9
608	Inactivation of nuclear histone deacetylases by EP300 disrupts the MiCEE complex in idiopathic pulmonary fibrosis. <i>Nature Communications</i> , <b>2019</b> , 10, 2229	17.4	26
607	Targeting cyclin-dependent kinases for the treatment of pulmonary arterial hypertension. <i>Nature Communications</i> , <b>2019</b> , 10, 2204	17.4	39
606	A RASSF1A-HIF1 $\alpha$ loop drives Warburg effect in cancer and pulmonary hypertension. <i>Nature Communications</i> , <b>2019</b> , 10, 2130	17.4	34
605	A simple echocardiographic estimate of right ventricular-arterial coupling to assess severity and outcome in pulmonary hypertension on chronic lung disease. <i>European Respiratory Journal</i> , <b>2019</b> , 54,	13.6	13
604	Exhalative Breath Markers Do Not Offer for Diagnosis of Interstitial Lung Diseases: Data from the European IPF Registry (eurIPFreg) and Biobank. <i>Journal of Clinical Medicine</i> , <b>2019</b> , 8,	5.1	7
603	Lamin B1 loss promotes lung cancer development and metastasis by epigenetic derepression of RET. <i>Journal of Experimental Medicine</i> , <b>2019</b> , 216, 1377-1395	16.6	26
602	Severe Emphysema in the SU5416/Hypoxia Rat Model of Pulmonary Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2019</b> , 200, 515-518	10.2	13
601	Estimation of absolute number of alveolar epithelial type 2 cells in mouse lungs: a comparison between stereology and flow cytometry. <i>Journal of Microscopy</i> , <b>2019</b> , 275, 36-50	1.9	9
600	Regulation and role of the ER stress transcription factor CHOP in alveolar epithelial type-II cells. <i>Journal of Molecular Medicine</i> , <b>2019</b> , 97, 973-990	5.5	17

599	Psychometric properties and minimal important differences of SF-36 in Idiopathic Pulmonary Fibrosis. <i>Respiratory Research</i> , <b>2019</b> , 20, 47	7.3	25
598	Mouse genetic background impacts susceptibility to hyperoxia-driven perturbations to lung maturation. <i>Pediatric Pulmonology</i> , <b>2019</b> , 54, 1060-1077	3.5	15
597	miR-574-5p as RNA decoy for CUGBP1 stimulates human lung tumor growth by mPGES-1 induction. <i>FASEB Journal</i> , <b>2019</b> , 33, 6933-6947	0.9	15
596	Protection against pressure overload-induced right heart failure by uncoupling protein 2 silencing. <i>Cardiovascular Research</i> , <b>2019</b> , 115, 1217-1227	9.9	12
595	Lung CT Densitometry in Idiopathic Pulmonary Fibrosis for the Prediction of Natural Course, Severity, and Mortality. <i>Chest</i> , <b>2019</b> , 155, 972-981	5.3	19
594	Cardiac Magnetic Resonance Imaging-Based Right Ventricular Strain Analysis for Assessment of Coupling and Diastolic Function in Pulmonary Hypertension. <i>JACC: Cardiovascular Imaging</i> , <b>2019</b> , 12, 2155-2164 <sup>36</sup>	8.4	16
593	Targeting miR-34a/ interactions partially corrects alveologenesis in experimental bronchopulmonary dysplasia. <i>EMBO Molecular Medicine</i> , <b>2019</b> , 11,	12	27
592	Riociguat for treatment of pulmonary hypertension in COPD: a translational study. <i>European Respiratory Journal</i> , <b>2019</b> , 53,	13.6	15
591	The Multi-Modal Effect of the Anti-fibrotic Drug Pirfenidone on NSCLC. <i>Frontiers in Oncology</i> , <b>2019</b> , 9, 1550	5.3	13
590	Persistent decrease of renal functional reserve in patients after cardiac surgery-associated acute kidney injury despite clinical recovery. <i>Nephrology Dialysis Transplantation</i> , <b>2019</b> , 34, 308-317	4.3	30
589	Susceptibility of microtubule-associated protein 1 light chain 3 (MAP1LC3B/LC3B) knockout mice to lung injury and fibrosis. <i>FASEB Journal</i> , <b>2019</b> , 33, 12392-12408	0.9	7
588	Reply to Bogaard : Emphysema Is-at the Most-Only a Mild Phenotype in the Sugen/Hypoxia Rat Model of Pulmonary Arterial Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2019</b> , 200, 1450-1452	10.2	4
587	Clinical characteristics of patients with familial idiopathic pulmonary fibrosis (f-IPF). <i>BMC Pulmonary Medicine</i> , <b>2019</b> , 19, 130	3.5	15
586	Indefinite cytomegalovirus prophylaxis with valganciclovir after lung transplantation. <i>Transplant Infectious Disease</i> , <b>2019</b> , 21, e13138	2.7	3
585	Metformin induces lipogenic differentiation in myofibroblasts to reverse lung fibrosis. <i>Nature Communications</i> , <b>2019</b> , 10, 2987	17.4	89
584	Exploring the Ability of Electronic Nose Technology to Recognize Interstitial Lung Diseases (ILD) by Non-Invasive Breath Screening of Exhaled Volatile Compounds (VOC): A Pilot Study from the European IPF Registry (eurIPFreg) and Biobank. <i>Journal of Clinical Medicine</i> , <b>2019</b> , 8,	5.1	13
583	Acute response to rapid iloprost inhalation using the Breelib nebulizer in pulmonary arterial hypertension: the Breelib acute study. <i>Pulmonary Circulation</i> , <b>2019</b> , 9, 2045894019875342	2.7	3
582	Doppler-Derived Renal Venous Stasis Index in the Prognosis of Right Heart Failure. <i>Journal of the American Heart Association</i> , <b>2019</b> , 8, e013584	6	30



581	Process Evaluation of a Medical Student-Delivered Smoking Prevention Program for Secondary Schools: Protocol for the Education Against Tobacco Cluster Randomized Trial. <i>JMIR Research Protocols</i> , <b>2019</b> , 8, e13508	2	1
580	Alterations in Doppler-derived renal venous stasis index during recompensation of right heart failure and fluid overload in a patient with pulmonary hypertension. <i>Reviews in Cardiovascular Medicine</i> , <b>2019</b> , 20, 263-266	3.9	1
579	Response by Tello et al to Letter Regarding Article, "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> , <b>2019</b> , 12, e010059	3.9	7
578	Genetic determinants of risk in pulmonary arterial hypertension: international genome-wide association studies and meta-analysis. <i>Lancet Respiratory Medicine</i> , <b>2019</b> , 7, 227-238	35.1	55
577	Evidence for the Fucoidan/P-Selectin Axis as a Therapeutic Target in Hypoxia-induced Pulmonary Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2019</b> , 199, 1407-1420	10.2	25
576	Multibeat Right Ventricular-Arterial Coupling during a Positive Acute Vasoreactivity Test. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2019</b> , 199, e41-e42	10.2	8
575	Reserve of Right Ventricular-Arterial Coupling in the Setting of Chronic Overload. <i>Circulation: Heart Failure</i> , <b>2019</b> , 12, e005512	7.6	78
574	Control Interventions Can Impact Alveolarization and the Transcriptome in Developing Mouse Lungs. <i>Anatomical Record</i> , <b>2019</b> , 302, 346-363	2.1	5
573	Pulmonary hypertension in chronic lung disease and hypoxia. <i>European Respiratory Journal</i> , <b>2019</b> , 53,	13.6	231
572	Nitric Oxide Synthase 2 Induction Promotes Right Ventricular Fibrosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2019</b> , 60, 346-356	5.7	14
571	Resident alveolar macrophages are master regulators of arrested alveolarization in experimental bronchopulmonary dysplasia. <i>Journal of Pathology</i> , <b>2018</b> , 245, 153-159	9.4	35
570	Identification of rare sequence variation underlying heritable pulmonary arterial hypertension. <i>Nature Communications</i> , <b>2018</b> , 9, 1416	17.4	182
569	Preoperative Renal Functional Reserve Predicts Risk of Acute Kidney Injury After Cardiac Operation. <i>Annals of Thoracic Surgery</i> , <b>2018</b> , 105, 1094-1101	2.7	50
568	Impact of the mitochondria-targeted antioxidant MitoQ on hypoxia-induced pulmonary hypertension. <i>European Respiratory Journal</i> , <b>2018</b> ,	13.6	30
567	Stereological analysis of individual lung lobes during normal and aberrant mouse lung alveolarisation. <i>Journal of Anatomy</i> , <b>2018</b> , 232, 472-484	2.9	7
566	Eplerenone attenuates pathological pulmonary vascular rather than right ventricular remodeling in pulmonary arterial hypertension. <i>BMC Pulmonary Medicine</i> , <b>2018</b> , 18, 41	3.5	31
565	Transmission of microRNA antimirs to mouse offspring via the maternal-placental-fetal unit. <i>Rna</i> , <b>2018</b> , 24, 865-879	5.8	4
564	ASK1 Inhibition Halts Disease Progression in Preclinical Models of Pulmonary Arterial Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2018</b> , 197, 373-385	10.2	57

563	The European IPF registry (eurIPFreg): baseline characteristics and survival of patients with idiopathic pulmonary fibrosis. <i>Respiratory Research</i> , <b>2018</b> , 19, 141	7.3	125
562	Understanding alveolarization to induce lung regeneration. <i>Respiratory Research</i> , <b>2018</b> , 19, 148	7.3	20
561	Pulmonary hypertension due to lung diseases: Updated recommendations from the Cologne Consensus Conference 2018. <i>International Journal of Cardiology</i> , <b>2018</b> , 272S, 63-68	3.2	21
560	MiCEE is a ncRNA-protein complex that mediates epigenetic silencing and nucleolar organization. <i>Nature Genetics</i> , <b>2018</b> , 50, 990-1001	36.3	26
559	Relevance of the TAPSE/PASP ratio in pulmonary arterial hypertension. <i>International Journal of Cardiology</i> , <b>2018</b> , 266, 229-235	3.2	65
558	Resolvin E1 and its precursor 18R-HEPE restore mitochondrial function in inflammation. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2018</b> , 1863, 1016-1028	5	15
557	Classical IL-6 signaling: a promising therapeutic target for pulmonary arterial hypertension. <i>Journal of Clinical Investigation</i> , <b>2018</b> , 128, 1720-1723	15.9	31
556	Targeting CREB-binding protein overrides LPS induced radioresistance in non-small cell lung cancer cell lines. <i>Oncotarget</i> , <b>2018</b> , 9, 28976-28988	3.3	5
555	Facial-Aging Mobile Apps for Smoking Prevention in Secondary Schools in Brazil: Appearance-Focused Interventional Study. <i>JMIR Public Health and Surveillance</i> , <b>2018</b> , 4, e10234	11.4	1
554	A Face-Aging App for Smoking Cessation in a Waiting Room Setting: Pilot Study in an HIV Outpatient Clinic. <i>Journal of Medical Internet Research</i> , <b>2018</b> , 20, e10976	7.6	11
553	FoxO3 an important player in fibrogenesis and therapeutic target for idiopathic pulmonary fibrosis. <i>EMBO Molecular Medicine</i> , <b>2018</b> , 10, 276-293	12	51
552	Comparison of the antifibrotic effects of the pan-histone deacetylase-inhibitor panobinostat versus the IPF-drug pirfenidone in fibroblasts from patients with idiopathic pulmonary fibrosis. <i>PLoS ONE</i> , <b>2018</b> , 13, e0207915	3.7	25
551	Response to: Comment on "Effect of Riociguat and Sildenafil on Right Heart Remodeling and Function in Pressure Overload Induced Model of Pulmonary Arterial Banding". <i>BioMed Research International</i> , <b>2018</b> , 2018, 7491284	3	
550	Evaluating Systolic and Diastolic Cardiac Function in Rodents Using Microscopic Computed Tomography. <i>Circulation: Cardiovascular Imaging</i> , <b>2018</b> , 11, e007653	3.9	5
549	A Face-Aging Smoking Prevention/Cessation Intervention for Nursery School Students in Germany: An Appearance-Focused Interventional Study. <i>International Journal of Environmental Research and Public Health</i> , <b>2018</b> , 15,	4.6	4
548	Transcriptome profiling reveals the complexity of pirfenidone effects in idiopathic pulmonary fibrosis. <i>European Respiratory Journal</i> , <b>2018</b> , 52,	13.6	33
547	Nintedanib in Severe Pulmonary Arterial Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2018</b> , 198, 808-810	10.2	11
546	More on Single-Beat Estimation of Right Ventriculoarterial Coupling in Pulmonary Arterial Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2018</b> , 198, 816-818	10.2	45

545	Effect of Riociguat and Sildenafil on Right Heart Remodeling and Function in Pressure Overload Induced Model of Pulmonary Arterial Banding. <i>BioMed Research International</i> , <b>2018</b> , 2018, 3293584	3	17
544	Targeting transglutaminase 2 partially restores extracellular matrix structure but not alveolar architecture in experimental bronchopulmonary dysplasia. <i>FEBS Journal</i> , <b>2018</b> , 285, 3056-3076	5.7	9
543	The prognostic relevance of oxygen uptake in inoperable chronic thromboembolic pulmonary hypertension. <i>Clinical Respiratory Journal</i> , <b>2017</b> , 11, 682-690	1.7	5
542	Caffeine administration modulates TGF- $\beta$ signaling but does not attenuate blunted alveolarization in a hyperoxia-based mouse model of bronchopulmonary dysplasia. <i>Pediatric Research</i> , <b>2017</b> , 81, 795-805 <sup>3,2</sup>	3.2	25
541	Therapeutic and pathological roles of fibroblast growth factors in pulmonary diseases. <i>Developmental Dynamics</i> , <b>2017</b> , 246, 235-244	2.9	16
540	The Giessen Pulmonary Hypertension Registry: Survival in pulmonary hypertension subgroups. <i>Journal of Heart and Lung Transplantation</i> , <b>2017</b> , 36, 957-967	5.8	138
539	Hemodynamic phenotyping based on exercise catheterization predicts outcome in patients with heart failure and reduced ejection fraction. <i>Journal of Heart and Lung Transplantation</i> , <b>2017</b> , 36, 880-889 <sup>5.8</sup>	5.8	10
538	Pirfenidone exerts antifibrotic effects through inhibition of GLI transcription factors. <i>FASEB Journal</i> , <b>2017</b> , 31, 1916-1928	0.9	49
537	Amplified canonical transforming growth factor- $\beta$ signalling heat shock protein 90 in pulmonary fibrosis. <i>European Respiratory Journal</i> , <b>2017</b> , 49,	13.6	43
536	Ex vivo analysis of the contribution of FGF10 cells to airway smooth muscle cell formation during early lung development. <i>Developmental Dynamics</i> , <b>2017</b> , 246, 531-538	2.9	16
535	Stereological monitoring of mouse lung alveolarization from the early postnatal period to adulthood. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2017</b> , 312, L882-L895 <sup>5.8</sup>	5.8	44
534	Inspiratory capacity is not altered in operable chronic thromboembolic pulmonary hypertension. <i>Pulmonary Circulation</i> , <b>2017</b> , 7, 543-546	2.7	2
533	The Max Planck Institute for Heart and Lung Research Curiosity-Driven Basic Research to Fight Cardio-Pulmonary Diseases. <i>Circulation Research</i> , <b>2017</b> , 120, 1386-1389	15.7	
532	Mitochondrial Complex IV Subunit 4 Isoform 2 Is Essential for Acute Pulmonary Oxygen Sensing. <i>Circulation Research</i> , <b>2017</b> , 121, 424-438	15.7	58
531	The safety and pharmacokinetics of rapid iloprost aerosol delivery via the BREELIB nebulizer in pulmonary arterial hypertension. <i>Pulmonary Circulation</i> , <b>2017</b> , 7, 505-513	2.7	14
530	Identification and Functional Characterization of Hypoxia-Induced Endoplasmic Reticulum Stress Regulating lncRNA (HypERlnc) in Pericytes. <i>Circulation Research</i> , <b>2017</b> , 121, 368-375	15.7	41
529	In cancer cell lines inhibition of SCF/c-Kit pathway leads to radiosensitization only when SCF is strongly over-expressed. <i>Clinical and Translational Radiation Oncology</i> , <b>2017</b> , 2, 69-75	4.6	4
528	Lipoteichoic acids from <i>Staphylococcus aureus</i> stimulate proliferation of human non-small-cell lung cancer cells in vitro. <i>Cancer Immunology, Immunotherapy</i> , <b>2017</b> , 66, 799-809	7.4	18

527	Antihistone Properties of C1 Esterase Inhibitor Protect against Lung Injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2017</b> , 196, 186-199	10.2	30
526	Maintained right ventricular pressure overload induces ventricular-arterial decoupling in mice. <i>Experimental Physiology</i> , <b>2017</b> , 102, 180-189	2.4	14
525	Characteristics and outcomes of a cohort hospitalized for pandemic and seasonal influenza in Germany based on nationwide inpatient data. <i>PLoS ONE</i> , <b>2017</b> , 12, e0180920	3.7	11
524	Redirecting tumor-associated macrophages to become tumoricidal effectors as a novel strategy for cancer therapy. <i>Oncotarget</i> , <b>2017</b> , 8, 48436-48452	3.3	153
523	Pressure overload leads to an increased accumulation and activity of mast cells in the right ventricle. <i>Physiological Reports</i> , <b>2017</b> , 5, e13146	2.6	30
522	TGF- $\beta$ inhibits alveolar protein transport by promoting shedding, regulated intramembrane proteolysis, and transcriptional downregulation of megalin. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2017</b> , 313, L807-L824	5.8	6
521	Mesenchymal Stem Cells in Fibrotic Disease. <i>Cell Stem Cell</i> , <b>2017</b> , 21, 166-177	18	186
520	Lung cancer-associated pulmonary hypertension: Role of microenvironmental inflammation based on tumor cell-immune cell cross-talk. <i>Science Translational Medicine</i> , <b>2017</b> , 9,	17.5	50
519	Perturbations to lysyl oxidase expression broadly influence the transcriptome of lung fibroblasts. <i>Physiological Genomics</i> , <b>2017</b> , 49, 416-429	3.6	23
518	Restoration of Megalin-Mediated Clearance of Alveolar Protein as a Novel Therapeutic Approach for Acute Lung Injury. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2017</b> , 57, 589-602	5.7	8
517	p38 MAPK Inhibition Improves Heart Function in Pressure-Loaded Right Ventricular Hypertrophy. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2017</b> , 57, 603-614	5.7	48
516	Tamoxifen dosing for Cre-mediated recombination in experimental bronchopulmonary dysplasia. <i>Transgenic Research</i> , <b>2017</b> , 26, 165-170	3.3	8
515	Two-Way Conversion between Lipogenic and Myogenic Fibroblastic Phenotypes Marks the Progression and Resolution of Lung Fibrosis. <i>Cell Stem Cell</i> , <b>2017</b> , 20, 261-273.e3	18	118
514	Fgf10 deficiency is causative for lethality in a mouse model of bronchopulmonary dysplasia. <i>Journal of Pathology</i> , <b>2017</b> , 241, 91-103	9.4	41
513	Procedural safety of a fully implantable intravenous prostanoid pump for pulmonary hypertension. <i>Clinical Research in Cardiology</i> , <b>2017</b> , 106, 174-182	6.1	14
512	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> , <b>2017</b> , 195, 425-437	10.2	81
511	Use of very old donors for lung transplantation: a dual-centre retrospective analysis. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2017</b> , 52, 1049-1054	3	9
510	Hypercapnia Impairs ENaC Cell Surface Stability by Promoting Phosphorylation, Polyubiquitination and Endocytosis of ENaC in a Human Alveolar Epithelial Cell Line. <i>Frontiers in Immunology</i> , <b>2017</b> , 8, 591	8.4	18

509	Chronic intratracheal application of the soluble guanylyl cyclase stimulator BAY 41-8543 ameliorates experimental pulmonary hypertension. <i>Oncotarget</i> , <b>2017</b> , 8, 29613-29624	3.3	6
508	Pulmonary endothelial cell DNA methylation signature in pulmonary arterial hypertension. <i>Oncotarget</i> , <b>2017</b> , 8, 52995-53016	3.3	30
507	A Medical Student-Delivered Smoking Prevention Program, Education Against Tobacco, for Secondary Schools in Germany: Randomized Controlled Trial. <i>Journal of Medical Internet Research</i> , <b>2017</b> , 19, e199	7.6	15
506	A Dermatologist's Ammunition in the War Against Smoking: A Photoaging App. <i>Journal of Medical Internet Research</i> , <b>2017</b> , 19, e326	7.6	9
505	A Medical Student-Delivered Smoking Prevention Program, Education Against Tobacco, for Secondary Schools in Brazil: Study Protocol for a Randomized Trial. <i>JMIR Research Protocols</i> , <b>2017</b> , 6, e16	2	10
504	Standardisation of oxygen exposure in the development of mouse models for bronchopulmonary dysplasia. <i>DMM Disease Models and Mechanisms</i> , <b>2017</b> , 10, 185-196	4.1	62
503	Biomarkers of tissue remodeling predict survival in patients with pulmonary hypertension. <i>International Journal of Cardiology</i> , <b>2016</b> , 223, 821-826	3.2	18
502	N-3 vs. n-6 fatty acids differentially influence calcium signalling and adhesion of inflammatory activated monocytes: impact of lipid rafts. <i>Inflammation Research</i> , <b>2016</b> , 65, 881-894	7.2	12
501	The prognostic impact of thyroid function in pulmonary hypertension. <i>Journal of Heart and Lung Transplantation</i> , <b>2016</b> , 35, 1427-1434	5.8	14
500	Survival with sildenafil and inhaled iloprost in a cohort with pulmonary hypertension: an observational study. <i>BMC Pulmonary Medicine</i> , <b>2016</b> , 16, 5	3.5	8
499	Soluble guanylate cyclase stimulator riociguat and phosphodiesterase 5 inhibitor sildenafil ameliorate pulmonary hypertension due to left heart disease in mice. <i>International Journal of Cardiology</i> , <b>2016</b> , 216, 85-91	3.2	20
498	Epigenetic mechanisms in pulmonary arterial hypertension: the need for global perspectives. <i>European Respiratory Review</i> , <b>2016</b> , 25, 135-40	9.8	23
497	Prolonged vasodilatory response to nanoencapsulated sildenafil in pulmonary hypertension. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2016</b> , 12, 63-8	6	13
496	Effects of carbon monoxide-releasing molecules on pulmonary vasoreactivity in isolated perfused lungs. <i>Journal of Applied Physiology</i> , <b>2016</b> , 120, 271-81	3.7	7
495	MAP1LC3B overexpression protects against Hermansky-Pudlak syndrome type-1-induced defective autophagy in vitro. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2016</b> , 310, L519-31	5.8	20
494	miR-223-IGF-IR signalling in hypoxia- and load-induced right-ventricular failure: a novel therapeutic approach. <i>Cardiovascular Research</i> , <b>2016</b> , 111, 184-93	9.9	42
493	Potential of the isolated lung technique for the examination of sildenafil absorption from lung-delivered poly(lactide-co-glycolide) microparticles. <i>Journal of Controlled Release</i> , <b>2016</b> , 226, 15-20	11.7	10
492	Influence of amine-modified poly(vinyl alcohol)s on vibrating-membrane nebulizer performance and lung toxicity. <i>European Journal of Pharmaceutical Sciences</i> , <b>2016</b> , 86, 34-40	5.1	5

491	FXYD1 negatively regulates Na(+)/K(+)-ATPase activity in lung alveolar epithelial cells. <i>Respiratory Physiology and Neurobiology</i> , <b>2016</b> , 220, 54-61	2.8	14
490	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> , <b>2016</b> , 37, 35-44	9.5	139
489	Macrophage-epithelial paracrine crosstalk inhibits lung edema clearance during influenza infection. <i>Journal of Clinical Investigation</i> , <b>2016</b> , 126, 1566-80	15.9	72
488	The Clinical Significance of HbA1c in Operable Chronic Thromboembolic Pulmonary Hypertension. <i>PLoS ONE</i> , <b>2016</b> , 11, e0152580	3.7	8
487	Circulating Angiotensin II Is Not a Biomarker of Disease Severity or Prognosis in Pulmonary Hypertension. <i>PLoS ONE</i> , <b>2016</b> , 11, e0165982	3.7	5
486	Innovative formulations for controlled drug delivery to the lungs and the technical and toxicological challenges to overcome(.). <i>Current Pharmaceutical Design</i> , <b>2016</b> , 22, 1147-60	3.3	7
485	Photoaging Mobile Apps in School-Based Tobacco Prevention: The Mirroring Approach. <i>Journal of Medical Internet Research</i> , <b>2016</b> , 18, e183	7.6	28
484	Evaluation of the prognostic value of electrocardiography parameters and heart rhythm in patients with pulmonary hypertension. <i>Cardiology Journal</i> , <b>2016</b> , 23, 465-72	1.4	18
483	Influenza Virus Infects Epithelial Stem/Progenitor Cells of the Distal Lung: Impact on Fgfr2b-Driven Epithelial Repair. <i>PLoS Pathogens</i> , <b>2016</b> , 12, e1005544	7.6	72
482	Heart rate response during 6-minute walking testing predicts outcome in operable chronic thromboembolic pulmonary hypertension. <i>BMC Pulmonary Medicine</i> , <b>2016</b> , 16, 96	3.5	4
481	Non-invasive lung cancer diagnosis by detection of GATA6 and NKX2-1 isoforms in exhaled breath condensate. <i>EMBO Molecular Medicine</i> , <b>2016</b> , 8, 1380-1389	12	21
480	Photoaging smartphone app promoting poster campaign to reduce smoking prevalence in secondary schools: the Smokerface Randomized Trial: design and baseline characteristics. <i>BMJ Open</i> , <b>2016</b> , 6, e014288	3	23
479	A Protective Kidney-Lung Approach to Improve Outcomes in Mechanically Ventilated Patients. <i>Blood Purification</i> , <b>2016</b> , 42, 214-8	3.1	4
478	Relevance of angiotensin II and soluble P-selectin levels in patients with pulmonary arterial hypertension receiving combination therapy with oral treprostinil: a FREEDOM-C2 biomarker substudy. <i>Pulmonary Circulation</i> , <b>2016</b> , 6, 516-523	2.7	5
477	Cancer cell motility is affected through 3D cell culturing and SCF/c-Kit pathway but not by X-irradiation. <i>Radiotherapy and Oncology</i> , <b>2016</b> , 119, 537-43	5.3	5
476	The emerging role of epigenetics in pulmonary hypertension. <i>European Respiratory Journal</i> , <b>2016</b> , 48, 903-17	13.6	23
475	Notch1 signalling regulates endothelial proliferation and apoptosis in pulmonary arterial hypertension. <i>European Respiratory Journal</i> , <b>2016</b> , 48, 1137-1149	13.6	57
474	Acute hemodynamic effects of nebulized iloprost via the I-neb Adaptive Aerosol Delivery system in pulmonary hypertension. <i>Pulmonary Circulation</i> , <b>2015</b> , 5, 162-70	2.7	11

473	Sildenafil versus nitric oxide for acute vasodilator testing in pulmonary arterial hypertension. <i>Pulmonary Circulation</i> , <b>2015</b> , 5, 305-12	2.7	13
472	Collagen and elastin cross-linking is altered during aberrant late lung development associated with hyperoxia. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2015</b> , 308, L1145-58	5.8	47
471	High mobility group protein-mediated transcription requires DNA damage marker $\gamma$ H2AX. <i>Cell Research</i> , <b>2015</b> , 25, 837-50	24.7	58
470	PPAR- $\delta$ activation reduced LPS-induced inflammation in alveolar epithelial cells. <i>Experimental Lung Research</i> , <b>2015</b> , 41, 393-403	2.3	19
469	Systematic aging of degradable nanosuspension ameliorates vibrating-mesh nebulizer performance. <i>Drug Development and Industrial Pharmacy</i> , <b>2015</b> , 41, 1704-9	3.6	2
468	Pulmonary Hemodynamic Response to Exercise in Chronic Thromboembolic Pulmonary Hypertension before and after Pulmonary Endarterectomy. <i>Respiration</i> , <b>2015</b> , 90, 63-73	3.7	18
467	Chymase: a multifunctional player in pulmonary hypertension associated with lung fibrosis. <i>European Respiratory Journal</i> , <b>2015</b> , 46, 1084-94	13.6	29
466	Customized Vibrating-Membrane Nozzles for Enhanced Fluid Atomization. <i>Aerosol Science and Technology</i> , <b>2015</b> , 49, iii-viii	3.4	6
465	Poor sleep quality is associated with exercise limitation in precapillary pulmonary hypertension. <i>BMC Pulmonary Medicine</i> , <b>2015</b> , 15, 11	3.5	4
464	Streptococcus pneumoniae triggers progression of pulmonary fibrosis through pneumolysin. <i>Thorax</i> , <b>2015</b> , 70, 636-46	7.3	58
463	Attenuating endogenous Fgfr2b ligands during bleomycin-induced lung fibrosis does not compromise murine lung repair. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2015</b> , 308, L1014-24	5.8	15
462	Education Against Tobacco (EAT): a quasi-experimental prospective evaluation of a multinational medical-student-delivered smoking prevention programme for secondary schools in Germany. <i>BMJ Open</i> , <b>2015</b> , 5, e008093	3	19
461	New potential diagnostic biomarkers for pulmonary hypertension. <i>European Respiratory Journal</i> , <b>2015</b> , 46, 1390-6	13.6	22
460	Aberrant expression and activity of histone deacetylases in sporadic idiopathic pulmonary fibrosis. <i>Thorax</i> , <b>2015</b> , 70, 1022-32	7.3	75
459	Immunomodulation by lipid emulsions in pulmonary inflammation: a randomized controlled trial. <i>Critical Care</i> , <b>2015</b> , 19, 226	10.8	28
458	Increased FGF1-FGFRc expression in idiopathic pulmonary fibrosis. <i>Respiratory Research</i> , <b>2015</b> , 16, 83	7.3	62
457	Increased S100A4 expression in the vasculature of human COPD lungs and murine model of smoke-induced emphysema. <i>Respiratory Research</i> , <b>2015</b> , 16, 127	7.3	23
456	Characterization of lung-delivered in-situ forming controlled release formulations. <i>Journal of Pharmacy and Pharmacology</i> , <b>2015</b> , 67, 1349-54	4.8	6

455	Heart Rate Variability is Related to Disease Severity in Children and Young Adults with Pulmonary Hypertension. <i>Frontiers in Pediatrics</i> , <b>2015</b> , 3, 63	3.4	9
454	Immune and Inflammatory Cell Composition of Human Lung Cancer Stroma. <i>PLoS ONE</i> , <b>2015</b> , 10, e0139073	3.7	66
453	5-HT2B receptor antagonists inhibit fibrosis and protect from RV heart failure. <i>BioMed Research International</i> , <b>2015</b> , 2015, 438403	3	48
452	Peritoneal ultrafiltration for refractory fluid overload and ascites due to pulmonary arterial hypertension. <i>Annals of Hepatology</i> , <b>2015</b> , 14, 929-32	3.1	2
451	Cardio-Pulmonary-Renal Interactions: A Multidisciplinary Approach. <i>Journal of the American College of Cardiology</i> , <b>2015</b> , 65, 2433-48	15.1	117
450	The H2S-generating enzymes cystathionine $\beta$ -synthase and cystathionine $\gamma$ -lyase play a role in vascular development during normal lung alveolarization. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2015</b> , 309, L710-24	5.8	38
449	Regulation of macroautophagy in amiodarone-induced pulmonary fibrosis. <i>Journal of Pathology: Clinical Research</i> , <b>2015</b> , 1, 252-63	5.3	21
448	Characterization of the platelet-derived growth factor receptor- $\beta$ -positive cell lineage during murine late lung development. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2015</b> , 309, L942-58	5.8	53
447	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> , <b>2015</b> , 191, 437-47	10.2	121
446	Intraindividual response to treatment with pirfenidone in idiopathic pulmonary fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2015</b> , 191, 110-3	10.2	44
445	Cigarette Smoke-Induced Emphysema and Pulmonary Hypertension Can Be Prevented by Phosphodiesterase 4 and 5 Inhibition in Mice. <i>PLoS ONE</i> , <b>2015</b> , 10, e0129327	3.7	24
444	Photoaging Mobile Apps: A Novel Opportunity for Smoking Cessation?. <i>Journal of Medical Internet Research</i> , <b>2015</b> , 17, e186	7.6	18
443	Impact of S-adenosylmethionine decarboxylase 1 on pulmonary vascular remodeling. <i>Circulation</i> , <b>2014</b> , 129, 1510-23	16.7	17
442	Fgf10-positive cells represent a progenitor cell population during lung development and postnatally. <i>Development (Cambridge)</i> , <b>2014</b> , 141, 296-306	6.6	108
441	Phenotypical and ultrastructural features of Oct4-positive cells in the adult mouse lung. <i>Journal of Cellular and Molecular Medicine</i> , <b>2014</b> , 18, 1321-33	5.6	37
440	Pro-proliferative and inflammatory signaling converge on FoxO1 transcription factor in pulmonary hypertension. <i>Nature Medicine</i> , <b>2014</b> , 20, 1289-300	50.5	183
439	Biophysical inhibition of pulmonary surfactant function by polymeric nanoparticles: role of surfactant protein B and C. <i>Acta Biomaterialia</i> , <b>2014</b> , 10, 4678-4684	10.8	22
438	Senescence-associated secretory phenotype and its possible role in chronic obstructive pulmonary disease. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2014</b> , 51, 323-33	5.7	76



437	New metrics for translational research. <i>Lancet Respiratory Medicine</i> , <b>2014</b> , 2, e13-4	35.1	2
436	Impact of short- and medium-chain fatty acids on mitochondrial function in severe inflammation. <i>Journal of Parenteral and Enteral Nutrition</i> , <b>2014</b> , 38, 587-94	4.2	32
435	Deregulation of the lysyl hydroxylase matrix cross-linking system in experimental and clinical bronchopulmonary dysplasia. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2014</b> , 306, L246-59	5.8	37
434	On the correlation of output rate and aerodynamic characteristics in vibrating-mesh-based aqueous aerosol delivery. <i>International Journal of Pharmaceutics</i> , <b>2014</b> , 461, 34-7	6.5	20
433	miR-142-3p balances proliferation and differentiation of mesenchymal cells during lung development. <i>Development (Cambridge)</i> , <b>2014</b> , 141, 1272-81	6.6	57
432	Biophysical inhibition of synthetic vs. naturally-derived pulmonary surfactant preparations by polymeric nanoparticles. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2014</b> , 1838, 474-81	3.8	50
431	Boosting the aerodynamic properties of vibrating-mesh nebulized polymeric nanosuspensions. <i>International Journal of Pharmaceutics</i> , <b>2014</b> , 459, 23-9	6.5	16
430	Glucocorticoids recruit Tgfr3 and Smad1 to shift transforming growth factor- $\beta$ signaling from the Tgfr1/Smad2/3 axis to the Acvr1/Smad1 axis in lung fibroblasts. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 3262-75	5.4	37
429	Novel and emerging therapies for pulmonary hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2014</b> , 189, 394-400	10.2	62
428	MicroRNA-124 controls the proliferative, migratory, and inflammatory phenotype of pulmonary vascular fibroblasts. <i>Circulation Research</i> , <b>2014</b> , 114, 67-78	15.7	138
427	Immunomodulation by fish-oil containing lipid emulsions in murine acute respiratory distress syndrome. <i>Critical Care</i> , <b>2014</b> , 18, R85	10.8	18
426	Hypoxia- or PDGF-BB-dependent paxillin tyrosine phosphorylation in pulmonary hypertension is reversed by HIF-1 $\beta$ depletion or imatinib treatment. <i>Thrombosis and Haemostasis</i> , <b>2014</b> , 112, 1288-303	7	15
425	Transglutaminase 2: a new player in bronchopulmonary dysplasia?. <i>European Respiratory Journal</i> , <b>2014</b> , 44, 109-21	13.6	18
424	Interactions between neutrophils and non-small cell lung cancer cells: enhancement of tumor proliferation and inflammatory mediator synthesis. <i>Cancer Immunology, Immunotherapy</i> , <b>2014</b> , 63, 1297-306	7.4	39
423	Carbon ion radiotherapy of human lung cancer attenuates HIF-1 signaling and acts with considerably enhanced therapeutic efficiency. <i>FASEB Journal</i> , <b>2014</b> , 28, 1412-21	0.9	32
422	Changing the mindset in life sciences toward translation: a consensus. <i>Science Translational Medicine</i> , <b>2014</b> , 6, 264cm12	17.5	31
421	Systemic hydrogen sulfide administration partially restores normal alveolarization in an experimental animal model of bronchopulmonary dysplasia. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2014</b> , 306, L684-97	5.8	44
420	Histological characterization of mast cell chymase in patients with pulmonary hypertension and chronic obstructive pulmonary disease. <i>Pulmonary Circulation</i> , <b>2014</b> , 4, 128-36	2.7	26

419	Education Against Tobacco (EAT): a quasi-experimental prospective evaluation of a programme for preventing smoking in secondary schools delivered by medical students: a study protocol. <i>BMJ Open</i> , <b>2014</b> , 4, e004909	3	15
418	Inhaled granulocyte/macrophage colony-stimulating factor as treatment of pneumonia-associated acute respiratory distress syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2014</b> , 189, 609-11	10.2	48
417	Stimulation of soluble guanylate cyclase prevents cigarette smoke-induced pulmonary hypertension and emphysema. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2014</b> , 189, 1359-73	10.2	59
416	Altered surfactant homeostasis and alveolar epithelial cell stress in amiodarone-induced lung fibrosis. <i>Toxicological Sciences</i> , <b>2014</b> , 142, 285-97	4.4	33
415	Lysyl oxidases play a causal role in vascular remodeling in clinical and experimental pulmonary arterial hypertension. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2014</b> , 34, 1446-58	9.4	74
414	Nebulization of active pharmaceutical ingredients with the eFlow(®) rapid: impact of formulation variables on aerodynamic characteristics. <i>Journal of Pharmaceutical Sciences</i> , <b>2014</b> , 103, 2585-9	3.9	10
413	Structural and functional prevention of hypoxia-induced pulmonary hypertension by individualized exercise training in mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2014</b> , 306, L986-95	5.8	25
412	Hmga2 is required for canonical WNT signaling during lung development. <i>BMC Biology</i> , <b>2014</b> , 12, 21	7.3	39
411	Arterial hypertension in a murine model of sleep apnea: role of NADPH oxidase 2. <i>Journal of Hypertension</i> , <b>2014</b> , 32, 300-5	1.9	41
410	The prognostic significance of inspiratory capacity in pulmonary arterial hypertension. <i>Respiration</i> , <b>2014</b> , 88, 24-30	3.7	12
409	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> , <b>2014</b> , 111, E374-83	11.5	87
408	Elimination of B-RAF in oncogenic C-RAF-expressing alveolar epithelial type II cells reduces MAPK signal intensity and lung tumor growth. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 26804-26816	5.4	4
407	Controlling the droplet size of formulations nebulized by vibrating-membrane technology. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2014</b> , 87, 524-9	5.7	18
406	Polymer nanoparticle-based controlled pulmonary drug delivery. <i>Methods in Molecular Biology</i> , <b>2014</b> , 1141, 133-45	1.4	6
405	Mitochondrial hyperpolarization in pulmonary vascular remodeling. Mitochondrial uncoupling protein deficiency as disease model. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2013</b> , 49, 358-67	5.7	50
404	Correlation of drug release with pulmonary drug absorption profiles for nebulizable liposomal formulations. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2013</b> , 84, 106-14	5.7	30
403	Endotoxin induces proliferation of NSCLC in vitro and in vivo: role of COX-2 and EGFR activation. <i>Cancer Immunology, Immunotherapy</i> , <b>2013</b> , 62, 309-20	7.4	38
402	Pulmonary hypertension due to left heart diseases. <i>Journal of the American College of Cardiology</i> , <b>2013</b> , 62, D100-8	15.1	437

401	Effects of multikinase inhibitors on pressure overload-induced right ventricular remodeling. <i>International Journal of Cardiology</i> , <b>2013</b> , 167, 2630-7	3.2	29
400	Efficient gene delivery to primary alveolar epithelial cells by nucleofection. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2013</b> , 305, L786-94	5.8	10
399	Updated treatment algorithm of pulmonary arterial hypertension. <i>Journal of the American College of Cardiology</i> , <b>2013</b> , 62, D60-72	15.1	495
398	Pulmonary hypertension in chronic lung diseases. <i>Journal of the American College of Cardiology</i> , <b>2013</b> , 62, D109-16	15.1	390
397	Function of NADPH oxidase 1 in pulmonary arterial smooth muscle cells after monocrotaline-induced pulmonary vascular remodeling. <i>Antioxidants and Redox Signaling</i> , <b>2013</b> , 19, 2213-31	8.4	57
396	Following the concentration of polymeric nanoparticles during nebulization. <i>Pharmaceutical Research</i> , <b>2013</b> , 30, 16-24	4.5	25
395	Cofilin, a hypoxia-regulated protein in murine lungs identified by 2DE: role of the cytoskeletal protein cofilin in pulmonary hypertension. <i>Proteomics</i> , <b>2013</b> , 13, 75-88	4.8	14
394	Comparative proteome analysis of lung tissue from patients with idiopathic pulmonary fibrosis (IPF), non-specific interstitial pneumonia (NSIP) and organ donors. <i>Journal of Proteomics</i> , <b>2013</b> , 85, 109-28	3.9	55
393	Sleep apnea in precapillary pulmonary hypertension. <i>Sleep Medicine</i> , <b>2013</b> , 14, 247-51	4.6	58
392	Macrophage-expressed IFN- $\gamma$ contributes to apoptotic alveolar epithelial cell injury in severe influenza virus pneumonia. <i>PLoS Pathogens</i> , <b>2013</b> , 9, e1003188	7.6	136
391	Effects of dimethylarginine dimethylaminohydrolase-1 overexpression on the response of the pulmonary vasculature to hypoxia. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2013</b> , 49, 491-500	5.7	15
390	Quantitative proteome analysis of alveolar type-II cells reveals a connection of integrin receptor subunits beta 2/6 and WNT signaling. <i>Journal of Proteome Research</i> , <b>2013</b> , 12, 5598-608	5.6	8
389	Classical transient receptor potential channel 1 in hypoxia-induced pulmonary hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2013</b> , 188, 1451-9	10.2	58
388	Short-term improvement in pulmonary hemodynamics is strongly predictive of long-term survival in patients with pulmonary arterial hypertension. <i>Pulmonary Circulation</i> , <b>2013</b> , 3, 523-32	2.7	18
387	Obstructive sleep apnea, oxidative stress and cardiovascular disease: lessons from animal studies. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2013</b> , 2013, 234631	6.7	77
386	Pivotal role of matrix metalloproteinase 13 in extracellular matrix turnover in idiopathic pulmonary fibrosis. <i>PLoS ONE</i> , <b>2013</b> , 8, e73279	3.7	62
385	Differential effects of drugs targeting cancer stem cell (CSC) and non-CSC populations on lung primary tumors and metastasis. <i>PLoS ONE</i> , <b>2013</b> , 8, e79798	3.7	67
384	Mast cell chymase: an indispensable instrument in the pathological symphony of idiopathic pulmonary fibrosis?. <i>Histology and Histopathology</i> , <b>2013</b> , 28, 691-9	1.4	13

383	Mechanics and mechanisms of pulmonary hypertension-Conference summary and translational perspectives. <i>Pulmonary Circulation</i> , <b>2013</b> , 3, 128-36	2.7	4
382	Influence of Early Growth Response 1 (Egr1) and Tenascin C (Tnc) on compensatory lung growth. <i>FASEB Journal</i> , <b>2013</b> , 27, 723.1	0.9	
381	Nebulization performance of biodegradable sildenafil-loaded nanoparticles using the Aeroneb Pro: formulation aspects and nanoparticle stability to nebulization. <i>International Journal of Pharmaceutics</i> , <b>2012</b> , 422, 398-408	6.5	53
380	Development of a biodegradable nanoparticle platform for sildenafil: formulation optimization by factorial design analysis combined with application of charge-modified branched polyesters. <i>Journal of Controlled Release</i> , <b>2012</b> , 157, 469-77	11.7	45
379	Characterization of novel spray-dried polymeric particles for controlled pulmonary drug delivery. <i>Journal of Controlled Release</i> , <b>2012</b> , 158, 329-35	11.7	102
378	Effects of hypercapnia and NO synthase inhibition in sustained hypoxic pulmonary vasoconstriction. <i>Respiratory Research</i> , <b>2012</b> , 13, 7	7.3	17
377	Immune and inflammatory cell involvement in the pathology of idiopathic pulmonary arterial hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2012</b> , 186, 897-908	10.2	219
376	Micro-computed tomography imaging of composite nanoparticle distribution in the lung. <i>International Journal of Pharmaceutics</i> , <b>2012</b> , 439, 230-3	6.5	5
375	BDNF/TrkB signaling augments smooth muscle cell proliferation in pulmonary hypertension. <i>American Journal of Pathology</i> , <b>2012</b> , 181, 2018-29	5.8	35
374	E-cadherin controls bronchiolar progenitor cells and onset of preneoplastic lesions in mice. <i>Neoplasia</i> , <b>2012</b> , 14, 1164-77	6.4	18
373	Activation of TRPC6 channels is essential for lung ischaemia-reperfusion induced oedema in mice. <i>Nature Communications</i> , <b>2012</b> , 3, 649	17.4	137
372	Dynamic hyperinflation during exercise in patients with precapillary pulmonary hypertension. <i>Respiratory Medicine</i> , <b>2012</b> , 106, 308-13	4.6	25
371	Megalyn mediates transepithelial albumin clearance from the alveolar space of intact rabbit lungs. <i>Journal of Physiology</i> , <b>2012</b> , 590, 5167-81	3.9	21
370	Paxillin regulates pulmonary arterial smooth muscle cell function in pulmonary hypertension. <i>American Journal of Pathology</i> , <b>2012</b> , 181, 1621-33	5.8	23
369	Impact of lyoprotectants for the stabilization of biodegradable nanoparticles on the performance of air-jet, ultrasonic, and vibrating-mesh nebulizers. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2012</b> , 82, 272-80	5.7	44
368	HbA1c in pulmonary arterial hypertension: a marker of prognostic relevance?. <i>Journal of Heart and Lung Transplantation</i> , <b>2012</b> , 31, 1109-14	5.8	27
367	The soluble guanylate cyclase stimulator riociguat ameliorates pulmonary hypertension induced by hypoxia and SU5416 in rats. <i>PLoS ONE</i> , <b>2012</b> , 7, e43433	3.7	89
366	Matrix metalloproteinases and their inhibitors in pulmonary hypertension. <i>European Respiratory Journal</i> , <b>2012</b> , 40, 766-82	13.6	96

365	Tumor-stromal interactions in lung cancer: novel candidate targets for therapeutic intervention. <i>Expert Opinion on Investigational Drugs</i> , <b>2012</b> , 21, 1107-22	5.9	26
364	Hypoxia induces Kv channel current inhibition by increased NADPH oxidase-derived reactive oxygen species. <i>Free Radical Biology and Medicine</i> , <b>2012</b> , 52, 1033-42	7.8	60
363	Role of Src tyrosine kinases in experimental pulmonary hypertension. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2012</b> , 32, 1354-65	9.4	90
362	Inhibition of microRNA-17 improves lung and heart function in experimental pulmonary hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2012</b> , 185, 409-19	10.2	171
361	PAR-2 inhibition reverses experimental pulmonary hypertension. <i>Circulation Research</i> , <b>2012</b> , 110, 1179-91	5.7	52
360	Smoking: Is it a risk factor for pulmonary vascular diseases?. <i>Pulmonary Circulation</i> , <b>2012</b> , 2, 395-6	2.7	11
359	Alveolar epithelial cells orchestrate DC function in murine viral pneumonia. <i>Journal of Clinical Investigation</i> , <b>2012</b> , 122, 3652-64	15.9	74
358	Evolutionary conserved role of c-Jun-N-terminal kinase in CO <sub>2</sub> -induced epithelial dysfunction. <i>PLoS ONE</i> , <b>2012</b> , 7, e46696	3.7	35
357	Inducible NOS inhibition reverses tobacco-smoke-induced emphysema and pulmonary hypertension in mice. <i>Cell</i> , <b>2011</b> , 147, 293-305	56.2	226
356	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> , <b>2011</b> , 30, 1327-33	5.8	69
355	Phosphodiesterase 10A upregulation contributes to pulmonary vascular remodeling. <i>PLoS ONE</i> , <b>2011</b> , 6, e18136	3.7	30
354	Expression of B-RAF V600E in type II pneumocytes causes abnormalities in alveolar formation, airspace enlargement and tumor formation in mice. <i>PLoS ONE</i> , <b>2011</b> , 6, e29093	3.7	3
353	The potential for inhaled treprostinil in the treatment of pulmonary arterial hypertension. <i>Therapeutic Advances in Respiratory Disease</i> , <b>2011</b> , 5, 195-206	4.9	15
352	Diacylglycerol regulates acute hypoxic pulmonary vasoconstriction via TRPC6. <i>Respiratory Research</i> , <b>2011</b> , 12, 20	7.3	44
351	Involvement of mast cells in monocrotaline-induced pulmonary hypertension in rats. <i>Respiratory Research</i> , <b>2011</b> , 12, 60	7.3	53
350	Therapeutic efficacy of TBC3711 in monocrotaline-induced pulmonary hypertension. <i>Respiratory Research</i> , <b>2011</b> , 12, 87	7.3	16
349	Hemodynamic and clinical onset in patients with hereditary pulmonary arterial hypertension and BMP2 mutations. <i>Respiratory Research</i> , <b>2011</b> , 12, 99	7.3	47
348	Amphiphilic, low molecular weight poly(ethylene imine) derivatives with enhanced stability for efficient pulmonary gene delivery. <i>Journal of Gene Medicine</i> , <b>2011</b> , 13, 123-33	3.5	27

347	Comparison of the effects of carbon ion and photon irradiation on the angiogenic response in human lung adenocarcinoma cells. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2011</b> , 80, 1541-9	4	34
346	Comparative proteomic analysis of lung tissue from patients with idiopathic pulmonary fibrosis (IPF) and lung transplant donor lungs. <i>Journal of Proteome Research</i> , <b>2011</b> , 10, 2185-205	5.6	69
345	Biophysical investigation of pulmonary surfactant surface properties upon contact with polymeric nanoparticles in vitro. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2011</b> , 7, 341-50	6	84
344	Shedding of low-density lipoprotein receptor-related protein-1 in acute respiratory distress syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2011</b> , 184, 438-48	10.2	32
343	Nitric oxide inhibits highly selective sodium channels and the Na <sup>+</sup> /K <sup>+</sup> -ATPase in H441 cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2011</b> , 44, 53-65	5.7	30
342	Effects of short-term infusion of lipid emulsions on pro-inflammatory cytokines and lymphocyte apoptosis in septic and non-septic rats. <i>British Journal of Nutrition</i> , <b>2011</b> , 106, 27-32	3.6	1
341	Treprostinil inhibits the adhesion and differentiation of fibrocytes via the cyclic adenosine monophosphate-dependent and Ras-proximate protein-dependent inactivation of extracellular regulated kinase. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2011</b> , 45, 692-703	5.7	21
340	cAMP phosphodiesterase inhibitors increases nitric oxide production by modulating dimethylarginine dimethylaminohydrolases. <i>Circulation</i> , <b>2011</b> , 123, 1194-204	16.7	34
339	Hypoxic pulmonary hypertension in mice with constitutively active platelet-derived growth factor receptor- $\beta$ . <i>Pulmonary Circulation</i> , <b>2011</b> , 1, 259-68	2.7	38
338	Neurotrophic tyrosine kinase receptor B/neurotrophin 4 signaling axis is perturbed in clinical and experimental pulmonary fibrosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2011</b> , 45, 768-80	5.7	15
337	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> , <b>2011</b> , 183, 1380-90	10.2	78
336	The role of dimethylarginine dimethylaminohydrolase in idiopathic pulmonary fibrosis. <i>Science Translational Medicine</i> , <b>2011</b> , 3, 87ra53	17.5	50
335	Evaluating the Controlled Release Properties of Inhaled Nanoparticles Using Isolated, Perfused, and Ventilated Lung Models. <i>Journal of Nanomaterials</i> , <b>2011</b> , 2011, 1-16	3.2	24
334	Air travel can be safe and well tolerated in patients with clinically stable pulmonary hypertension. <i>Pulmonary Circulation</i> , <b>2011</b> , 1, 239-43	2.7	17
333	Pulmonary Drug Delivery with Nanoparticles <b>2011</b> ,		1
332	Glycogen synthase kinase 3 $\beta$ contributes to proliferation of arterial smooth muscle cells in pulmonary hypertension. <i>PLoS ONE</i> , <b>2011</b> , 6, e18883	3.7	33
331	Increased expression of 5-hydroxytryptamine <sub>2A/B</sub> receptors in idiopathic pulmonary fibrosis: a rationale for therapeutic intervention. <i>Thorax</i> , <b>2010</b> , 65, 949-55	7.3	51
330	TIAR and TIA-1 mRNA-binding proteins co-aggregate under conditions of rapid oxygen decline and extreme hypoxia and suppress the HIF-1 $\beta$ pathway. <i>Journal of Molecular Cell Biology</i> , <b>2010</b> , 2, 345-56	6.3	34

329	Role of epidermal growth factor inhibition in experimental pulmonary hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2010</b> , 181, 158-67	10.2	99
328	Safety and tolerability of inhaled heparin in idiopathic pulmonary fibrosis. <i>Journal of Aerosol Medicine and Pulmonary Drug Delivery</i> , <b>2010</b> , 23, 161-72	3.8	39
327	Worldwide physician education and training in pulmonary hypertension: pulmonary vascular disease: the global perspective. <i>Chest</i> , <b>2010</b> , 137, 85S-94S	5.3	19
326	Induction of lymphocyte apoptosis in a murine model of acute lung injury--modulation by lipid emulsions. <i>Shock</i> , <b>2010</b> , 33, 179-88	3.4	12
325	Inhibition of urokinase activity reduces primary tumor growth and metastasis formation in a murine lung carcinoma model. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2010</b> , 181, 611-9	10.2	42
324	Dysregulation of the IL-13 receptor system: a novel pathomechanism in pulmonary arterial hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2010</b> , 182, 805-18	10.2	54
323	Epithelial stress and apoptosis underlie Hermansky-Pudlak syndrome-associated interstitial pneumonia. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2010</b> , 182, 207-19	10.2	73
322	Pulmonary targeting with biodegradable salbutamol-loaded nanoparticles. <i>Journal of Aerosol Medicine and Pulmonary Drug Delivery</i> , <b>2010</b> , 23, 47-57	3.8	49
321	Animal models of pulmonary hypertension: role in translational research. <i>Drug Discovery Today: Disease Models</i> , <b>2010</b> , 7, 89-97	1.3	8
320	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> , <b>2010</b> , 55, 1915-22	15.1	381
319	Phosphodiesterase 6 subunits are expressed and altered in idiopathic pulmonary fibrosis. <i>Respiratory Research</i> , <b>2010</b> , 11, 146	7.3	17
318	Nebulization of the acidified sodium nitrite formulation attenuates acute hypoxic pulmonary vasoconstriction. <i>Respiratory Research</i> , <b>2010</b> , 11, 81	7.3	11
317	Long-term therapy with inhaled iloprost in patients with pulmonary hypertension. <i>Respiratory Medicine</i> , <b>2010</b> , 104, 731-40	4.6	59
316	Identification of right heart-enriched genes in a murine model of chronic outflow tract obstruction. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2010</b> , 49, 598-605	5.8	47
315	Riociguat for pulmonary hypertension. <i>Future Cardiology</i> , <b>2010</b> , 6, 155-66	1.3	24
314	Fish oil-containing lipid emulsions in patients with sepsis. <i>Critical Care</i> , <b>2010</b> , 14, 128	10.8	9
313	Dry powder aerosolization of a recombinant surfactant protein-C-based surfactant for inhalative treatment of the acutely inflamed lung. <i>Critical Care Medicine</i> , <b>2010</b> , 38, 1584-91	1.4	31
312	Obstructive sleep apnea in a patient with the Melkersson-Rosenthal syndrome. <i>Sleep and Breathing</i> , <b>2010</b> , 14, 245-7	3.1	3

311	Amine-modified poly(vinyl alcohol)s as non-viral vectors for siRNA delivery: effects of the degree of amine substitution on physicochemical properties and knockdown efficiency. <i>Pharmaceutical Research</i> , <b>2010</b> , 27, 2670-82	4.5	22
310	Redox signaling and reactive oxygen species in hypoxic pulmonary vasoconstriction. <i>Respiratory Physiology and Neurobiology</i> , <b>2010</b> , 174, 282-91	2.8	29
309	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> , <b>2010</b> , 48, 1626-35	7.8	102
308	Novel nano in nanoPcomposites for sustained drug delivery: biodegradable nanoparticles encapsulated into nanofiber non-wovens. <i>Macromolecular Bioscience</i> , <b>2010</b> , 10, 1527-35	5.5	52
307	Effects of phosphodiesterase 4 inhibition on bleomycin-induced pulmonary fibrosis in mice. <i>BMC Pulmonary Medicine</i> , <b>2010</b> , 10, 26	3.5	29
306	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> , <b>2009</b> , 119, 1747-57	16.7	164
305	Enhanced gene expression and reduced toxicity in mice using polyplexes of low-molecular-weight poly(ethylene imine) for pulmonary gene delivery. <i>Journal of Drug Targeting</i> , <b>2009</b> , 17, 638-51	5.4	20
304	Expression and activity of phosphodiesterase isoforms during epithelial mesenchymal transition: the role of phosphodiesterase 4. <i>Molecular Biology of the Cell</i> , <b>2009</b> , 20, 4751-65	3.5	73
303	Heme oxygenase-2 and large-conductance Ca <sup>2+</sup> -activated K <sup>+</sup> channels: lung vascular effects of hypoxia. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2009</b> , 180, 353-64	10.2	34
302	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> , <b>2009</b> , 296, L442-52	5.8	64
301	Acute lung injury is reduced in fat-1 mice endogenously synthesizing n-3 fatty acids. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2009</b> , 179, 474-83	10.2	41
300	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> , <b>2009</b> , 180, 521-32	10.2	79
299	Evidence of dysfunction of endothelial progenitors in pulmonary arterial hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2009</b> , 180, 780-7	10.2	171
298	The noncanonical WNT pathway is operative in idiopathic pulmonary arterial hypertension. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2009</b> , 40, 683-91	5.7	80
297	Lysyl oxidase activity is dysregulated during impaired alveolarization of mouse and human lungs. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2009</b> , 180, 1239-52	10.2	64
296	Effects of hypercapnia with and without acidosis on hypoxic pulmonary vasoconstriction. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2009</b> , 297, L977-83	5.8	57
295	The soluble guanylate cyclase activator HMR1766 reverses hypoxia-induced experimental pulmonary hypertension in mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2009</b> , 297, L658-65	5.8	32
294	Genome-wide transcriptional profiling of mononuclear phagocytes recruited to mouse lungs in response to alveolar challenge with the TLR2 agonist Pam3CSK4. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2009</b> , 297, L608-18	5.8	9



293	Novel soluble guanylyl cyclase stimulator BAY 41-2272 attenuates ischemia-reperfusion-induced lung injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2009</b> , 296, L462-9	5.8	17
292	Carbon monoxide rapidly impairs alveolar fluid clearance by inhibiting epithelial sodium channels. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2009</b> , 41, 639-50	5.7	57
291	Amplification of lipopolysaccharide-induced cytokine synthesis in non-small cell lung cancer/neutrophil cocultures. <i>Molecular Cancer Research</i> , <b>2009</b> , 7, 1729-35	6.6	8
290	Nanocomposites of lung surfactant and biodegradable cationic nanoparticles improve transfection efficiency to lung cells. <i>Journal of Controlled Release</i> , <b>2009</b> , 140, 47-54	11.7	44
289	Stabilization of aerosolizable nano-carriers by freeze-drying. <i>Pharmaceutical Research</i> , <b>2009</b> , 26, 129-38	4.5	31
288	Pulmonary drug delivery with aerosolizable nanoparticles in an ex vivo lung model. <i>International Journal of Pharmaceutics</i> , <b>2009</b> , 367, 169-78	6.5	90
287	Metered dose inhaler delivery of treprostinil for the treatment of pulmonary hypertension. <i>Pulmonary Pharmacology and Therapeutics</i> , <b>2009</b> , 22, 50-6	3.5	36
286	End points and clinical trial design in pulmonary arterial hypertension. <i>Journal of the American College of Cardiology</i> , <b>2009</b> , 54, S97-S107	15.1	166
285	Serum matrix metalloproteinases in adult CF patients: Relation to pulmonary exacerbation. <i>Journal of Cystic Fibrosis</i> , <b>2009</b> , 8, 338-47	4.1	47
284	Transcriptome profiling of primary murine monocytes, lung macrophages and lung dendritic cells reveals a distinct expression of genes involved in cell trafficking. <i>Respiratory Research</i> , <b>2009</b> , 10, 2	7.3	23
283	Evaluation of angiogenesis using micro-computed tomography in a xenograft mouse model of lung cancer. <i>Neoplasia</i> , <b>2009</b> , 11, 48-56	6.4	80
282	Alveolar oxidative stress is associated with elevated levels of nonenzymatic low-molecular-weight antioxidants in patients with different forms of chronic fibrosing interstitial lung diseases. <i>Antioxidants and Redox Signaling</i> , <b>2009</b> , 11, 227-40	8.4	40
281	Staphylococcus aureus alpha-toxin and Escherichia coli hemolysin impair cardiac regional perfusion and contractile function by activating myocardial eicosanoid metabolism in isolated rat hearts. <i>Critical Care Medicine</i> , <b>2009</b> , 37, 2025-32	1.4	11
280	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> , <b>2009</b> , 119, 772-87	15.9	390
279	Executive functions and cognitive subprocesses in patients with obstructive sleep apnoea. <i>Journal of Sleep Research</i> , <b>2008</b> , 17, 271-80	5.8	53
278	Acute effects of the combination of sildenafil and inhaled treprostinil on haemodynamics and gas exchange in pulmonary hypertension. <i>Pulmonary Pharmacology and Therapeutics</i> , <b>2008</b> , 21, 824-32	3.5	57
277	Plasminogen activator inhibitor type 1 inhibits smooth muscle cell proliferation in pulmonary arterial hypertension. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2008</b> , 40, 1872-82	5.6	29
276	Fatty acids differentially influence phosphatidylinositol 3-kinase signal transduction in endothelial cells: impact on adhesion and apoptosis. <i>Atherosclerosis</i> , <b>2008</b> , 197, 630-7	3.1	23

275	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> , <b>2008</b> , 10, 1687-98	8.4	108
274	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 (Ventecute). <i>Chest</i> , <b>2008</b> , 134, 724-732	5.3	87
273	Clinical Aspects of Acute Lung Insufficiency (ALI/TRALI). <i>Transfusion Medicine and Hemotherapy</i> , <b>2008</b> , 35, 80-88	4.2	7
272	Transgelin is a direct target of TGF-beta/Smad3-dependent epithelial cell migration in lung fibrosis. <i>FASEB Journal</i> , <b>2008</b> , 22, 1778-89	0.9	102
271	Functional role and species-specific contribution of arginases in pulmonary fibrosis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2008</b> , 294, L34-45	5.8	54
270	Fhl-1, a new key protein in pulmonary hypertension. <i>Circulation</i> , <b>2008</b> , 118, 1183-94	16.7	71
269	Epithelial endoplasmic reticulum stress and apoptosis in sporadic idiopathic pulmonary fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2008</b> , 178, 838-46	10.2	370
268	Lung epithelial apoptosis in influenza virus pneumonia: the role of macrophage-expressed TNF-related apoptosis-inducing ligand. <i>Journal of Experimental Medicine</i> , <b>2008</b> , 205, 3065-77	16.6	265
267	PKR regulates TLR2/TLR4-dependent signaling in murine alveolar macrophages. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2008</b> , 38, 26-31	5.7	62
266	Spatiotemporal expression of flk-1 in pulmonary epithelial cells during lung development. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2008</b> , 39, 163-70	5.7	13
265	Role of the prostanoid EP4 receptor in iloprost-mediated vasodilatation in pulmonary hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2008</b> , 178, 188-96	10.2	66
264	Inhaled prostanoids in the therapy of pulmonary hypertension. <i>Journal of Aerosol Medicine and Pulmonary Drug Delivery</i> , <b>2008</b> , 21, 1-12	3.8	67
263	Intravascular and Extravascular Coagulation and Fibrinolysis in the Diseased Lung <b>2008</b> , 37-47		
262	Fish oil in critical illness. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , <b>2008</b> , 11, 121-7	3.8	62
261	Apoptosis contributes to septic cardiomyopathy and is improved by simvastatin therapy. <i>Shock</i> , <b>2008</b> , 29, 497-503	3.4	43
260	The lectin-like domain of tumor necrosis factor-alpha improves alveolar fluid balance in injured isolated rabbit lungs. <i>Critical Care Medicine</i> , <b>2008</b> , 36, 1543-50	1.4	55
259	Recombinant production of a hybrid plasminogen activator composed of surfactant protein B and low-molecular-weight urokinase. <i>Thrombosis and Haemostasis</i> , <b>2008</b> , 100, 1185-1192	7	4
258	Functional Wnt signaling is increased in idiopathic pulmonary fibrosis. <i>PLoS ONE</i> , <b>2008</b> , 3, e2142	3.7	341

257	Direct eicosanoid profiling of the hypoxic lung by comprehensive analysis via capillary liquid chromatography with dual online photodiode-array and tandem mass-spectrometric detection. <i>Analytical and Bioanalytical Chemistry</i> , <b>2008</b> , 390, 697-714	4.4	19
256	Direct and simultaneous profiling of epoxyeicosatrienoic acid enantiomers by capillary tandem column chiral-phase liquid chromatography with dual online photodiode array and tandem mass spectrometric detection. <i>Analytical and Bioanalytical Chemistry</i> , <b>2008</b> , 392, 717-26	4.4	16
255	Characterization of a murine model of monocrotaline pyrrole-induced acute lung injury. <i>BMC Pulmonary Medicine</i> , <b>2008</b> , 8, 25	3.5	31
254	Effects of cell-penetrating peptides and pegylation on transfection efficiency of polyethylenimine in mouse lungs. <i>Journal of Gene Medicine</i> , <b>2008</b> , 10, 1236-46	3.5	70
253	TGF-beta signaling is dynamically regulated during the alveolarization of rodent and human lungs. <i>Developmental Dynamics</i> , <b>2008</b> , 237, 259-69	2.9	76
252	Pulmonary absorption of aerosolized fluorescent markers in the isolated rabbit lung. <i>International Journal of Pharmaceutics</i> , <b>2008</b> , 351, 158-64	6.5	18
251	AMP-activated protein kinase regulates CO <sub>2</sub> -induced alveolar epithelial dysfunction in rats and human cells by promoting Na,K-ATPase endocytosis. <i>Journal of Clinical Investigation</i> , <b>2008</b> , 118, 752-62	15.9	129
250	Inhaled Prostanoids in the Therapy of Pulmonary Hypertension. <i>Journal of Aerosol Medicine and Pulmonary Drug Delivery</i> , <b>2008</b> , 080116123756336-12		
249	Recombinant production of a hybrid plasminogen activator composed of surfactant protein B and low-molecular-weight urokinase. <i>Thrombosis and Haemostasis</i> , <b>2008</b> , 100, 1185-92	7	2
248	Dysregulated bone morphogenetic protein signaling in monocrotaline-induced pulmonary arterial hypertension. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2007</b> , 27, 1072-8	9.4	115
247	Iloprost-induced desensitization of the prostacyclin receptor in isolated rabbit lungs. <i>Respiratory Research</i> , <b>2007</b> , 8, 4	7.3	31
246	Time-dependent changes in pulmonary surfactant function and composition in acute respiratory distress syndrome due to pneumonia or aspiration. <i>Respiratory Research</i> , <b>2007</b> , 8, 55	7.3	58
245	Non-invasive screening of lung nodules in mice comparing a novel volumetric computed tomography with a clinical multislice CT. <i>Oncology Reports</i> , <b>2007</b> ,	3.5	1
244	Cellular and molecular mechanisms of hypoxia-inducible factor driven vascular remodeling. <i>Thrombosis and Haemostasis</i> , <b>2007</b> , 97, 774-787	7	71
243	Temporal and spatial regulation of bone morphogenetic protein signaling in late lung development. <i>Developmental Dynamics</i> , <b>2007</b> , 236, 2825-35	2.9	29
242	Alveolar fluid clearance in acute lung injury: what have we learned from animal models and clinical studies?. <i>Intensive Care Medicine</i> , <b>2007</b> , 33, 1229-1240	14.5	48
241	Iloprost-containing liposomes for aerosol application in pulmonary arterial hypertension: formulation aspects and stability. <i>Pharmaceutical Research</i> , <b>2007</b> , 24, 277-87	4.5	64
240	Receptor for activated C-kinase 1, a novel interaction partner of type II bone morphogenetic protein receptor, regulates smooth muscle cell proliferation in pulmonary arterial hypertension. <i>Circulation</i> , <b>2007</b> , 115, 2957-68	16.7	43

239	Lung dendritic cells elicited by Fms-like tyrosine 3-kinase ligand amplify the lung inflammatory response to lipopolysaccharide. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2007</b> , 176, 892-901	10.2	23
238	Importance of phosphoinositide 3-kinase gamma in the host defense against pneumococcal infection. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2007</b> , 175, 958-66	10.2	66
237	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> , <b>2007</b> , 37, 640-50	5.7	70
236	Hypoxia-dependent regulation of nonphagocytic NADPH oxidase subunit NOX4 in the pulmonary vasculature. <i>Circulation Research</i> , <b>2007</b> , 101, 258-67	15.7	279
235	Patients with ARDS show improvement but not normalisation of alveolar surface activity with surfactant treatment: putative role of neutral lipids. <i>Thorax</i> , <b>2007</b> , 62, 588-94	7.3	48
234	Phosphodiesterase 1 upregulation in pulmonary arterial hypertension: target for reverse-remodeling therapy. <i>Circulation</i> , <b>2007</b> , 115, 2331-9	16.7	118
233	Hyperoxia modulates TGF-beta/BMP signaling in a mouse model of bronchopulmonary dysplasia. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2007</b> , 292, L537-49	5.8	184
232	Immune modulation by parenteral lipids: Platelet activating factor is not the only clue. <i>Critical Care Medicine</i> , <b>2007</b> , 35, 1444-1445	1.4	2
231	Immunomodulation by n-3- versus n-6-rich lipid emulsions in murine acute lung injury--role of platelet-activating factor receptor. <i>Critical Care Medicine</i> , <b>2007</b> , 35, 544-54	1.4	25
230	Effect of sildenafil on hypoxia-induced changes in pulmonary circulation and right ventricular function. <i>Respiratory Physiology and Neurobiology</i> , <b>2007</b> , 159, 196-201	2.8	28
229	Hypoxia-induced pulmonary hypertension: different impact of iloprost, sildenafil, and nitric oxide. <i>Respiratory Medicine</i> , <b>2007</b> , 101, 2125-32	4.6	24
228	Akutes respiratorisches Distress-Syndrom (ARDS) <b>2007</b> , 1177-1183		
227	Non-invasive screening of lung nodules in mice comparing a novel volumetric computed tomography with a clinical multislice CT. <i>Oncology Reports</i> , <b>2007</b> , 17, 707-12	3.5	8
226	Cellular and molecular mechanisms of hypoxia-inducible factor driven vascular remodeling. <i>Thrombosis and Haemostasis</i> , <b>2007</b> , 97, 774-87	7	21
225	Mutations of the TGF-beta type II receptor BMPR2 in pulmonary arterial hypertension. <i>Human Mutation</i> , <b>2006</b> , 27, 121-32	4.7	322
224	Antioxidant vitamin C improves endothelial function in obstructive sleep apnea. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2006</b> , 173, 897-901	10.2	150
223	Genetic association of the serotonin transporter in pulmonary arterial hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2006</b> , 173, 793-7	10.2	81
222	Impact of mitochondria and NADPH oxidases on acute and sustained hypoxic pulmonary vasoconstriction. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2006</b> , 34, 505-13	5.7	83

221	Oxygen sensors in hypoxic pulmonary vasoconstriction. <i>Cardiovascular Research</i> , <b>2006</b> , 71, 620-9	9.9	49
220	Hypoxia- and non-hypoxia-related pulmonary hypertension - established and new therapies. <i>Cardiovascular Research</i> , <b>2006</b> , 72, 30-40	9.9	36
219	Activation of soluble guanylate cyclase reverses experimental pulmonary hypertension and vascular remodeling. <i>Circulation</i> , <b>2006</b> , 113, 286-95	16.7	183
218	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> , <b>2006</b> , 35, 227-35	5.7	135
217	Systematic comparison of the T7-IVT and SMART-based RNA preamplification techniques for DNA microarray experiments. <i>Clinical Chemistry</i> , <b>2006</b> , 52, 1161-7	5.5	23
216	Alveolar epithelial cells direct monocyte transepithelial migration upon influenza virus infection: impact of chemokines and adhesion molecules. <i>Journal of Immunology</i> , <b>2006</b> , 177, 1817-24	5.3	165
215	Impact of HIF-1alpha and HIF-2alpha on proliferation and migration of human pulmonary artery fibroblasts in hypoxia. <i>FASEB Journal</i> , <b>2006</b> , 20, 163-5	0.9	50
214	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> , <b>2006</b> , 103, 19093-8	11.5	247
213	Impact of TASK-1 in human pulmonary artery smooth muscle cells. <i>Circulation Research</i> , <b>2006</b> , 98, 1072-80	5.7	174
212	Comparison of pharmacokinetics and vasodilatory effect of nebulized and infused iloprost in experimental pulmonary hypertension: rapid tolerance development. <i>Journal of Aerosol Medicine and Pulmonary Drug Delivery</i> , <b>2006</b> , 19, 353-63		13
211	Endotoxin induced peritonitis elicits monocyte immigration into the lung: implications on alveolar space inflammatory responsiveness. <i>Respiratory Research</i> , <b>2006</b> , 7, 30	7.3	16
210	DNA transfer into human lung cells is improved with Tat-RGD peptide by caveoli-mediated endocytosis. <i>Bioconjugate Chemistry</i> , <b>2006</b> , 17, 327-34	6.3	34
209	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> , <b>2006</b> , 48, 1433-7	15.1	101
208	Favorable effects of inhaled treprostinil in severe pulmonary hypertension: results from randomized controlled pilot studies. <i>Journal of the American College of Cardiology</i> , <b>2006</b> , 48, 1672-81	15.1	115
207	Human RELMbeta is a mitogenic factor in lung cells and induced in hypoxia. <i>FEBS Letters</i> , <b>2006</b> , 580, 900-3	3.8	28
206	Liver carboxylesterase cleaves surfactant protein (SP-) B and promotes surfactant subtype conversion. <i>Biochemical and Biophysical Research Communications</i> , <b>2006</b> , 348, 1449-54	3.4	11
205	Constitutive homo- and hetero-oligomerization of TbetaRII-B, an alternatively spliced variant of the mouse TGF-beta type II receptor. <i>Biochemical and Biophysical Research Communications</i> , <b>2006</b> , 351, 651-7	3.4	5
204	Hybrid-primed lymphocytes and hybrid vaccination prevent tumor growth of lewis lung carcinoma in mice. <i>Journal of Immunotherapy</i> , <b>2006</b> , 29, 175-87	5	12

203	Pulmonary surfactant in patients with Pneumocystis pneumonia and acquired immunodeficiency syndrome. <i>Critical Care Medicine</i> , <b>2006</b> , 34, 2370-6	1.4	23
202	Effect of PEGylation on the stability of liposomes during nebulisation and in lung surfactant. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2006</b> , 6, 3010-6	1.3	33
201	Lipoteichoic acid (LTA) from Staphylococcus aureus stimulates human neutrophil cytokine release by a CD14-dependent, Toll-like-receptor-independent mechanism: Autocrine role of tumor necrosis factor-[alpha] in mediating LTA-induced interleukin-8 generation. <i>Critical Care Medicine</i> , <b>2006</b> , 34, 835-41	1.4	43
200	Fish oil in the critically ill: from experimental to clinical data. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , <b>2006</b> , 9, 140-8	3.8	63
199	Free arachidonic versus eicosapentaenoic acid differentially influences the potency of bacterial exotoxins to provoke myocardial depression in isolated rat hearts. <i>Critical Care Medicine</i> , <b>2006</b> , 34, 118-26	1.4	33
198	Inhaled treprostinil [corrected] for treatment of chronic pulmonary arterial hypertension. <i>Annals of Internal Medicine</i> , <b>2006</b> , 144, 149-50	8	27
197	Circulating adrenomedullin in obstructive sleep apnoea. <i>Journal of Sleep Research</i> , <b>2006</b> , 15, 89-95	5.8	14
196	Long chain triglyceride (LCT)-based lipid emulsions increase and olive oil(OO)-based lipid emulsions decrease leukocyte invasion and mortality in a model of acute lung injury. <i>FASEB Journal</i> , <b>2006</b> , 20, A1055	2.9	
195	Effect of nitric oxide synthase (NOS) inhibition on macro- and microcirculation in a model of rat endotoxic shock. <i>Thrombosis and Haemostasis</i> , <b>2006</b> , 95, 720-7	7	6
194	Hypoxic pulmonary vasoconstriction--triggered by an increase in reactive oxygen species?. <i>Novartis Foundation Symposium</i> , <b>2006</b> , 272, 196-208; discussion 208-17		7
193	HIF-1 $\beta$ attenuates tumor growth in spite of augmented vascularization in an A549 adenocarcinoma mouse model <b>2005</b> , 27, 393		2
192	Tropolysin, a new oligopeptidase from African trypanosomes. <i>Biochemistry</i> , <b>2005</b> , 44, 14658-69	3.2	8
191	Transforming growth factor-beta-dependent growth inhibition in primary vascular smooth muscle cells is p38-dependent. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2005</b> , 315, 1005-12	4.7	81
190	Oligopeptidase B from Trypanosoma evansi. A parasite peptidase that inactivates atrial natriuretic factor in the bloodstream of infected hosts. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 10925-37	5.4	53
189	Identification of novel Nox4 splice variants with impact on ROS levels in A549 cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2005</b> , 329, 32-9	3.4	79
188	Analysis of tumor vessel supply in Lewis lung carcinoma in mice by fluorescent microsphere distribution and imaging with micro- and flat-panel computed tomography. <i>American Journal of Pathology</i> , <b>2005</b> , 167, 937-46	5.8	30
187	Expression profiling of laser-microdissected intrapulmonary arteries in hypoxia-induced pulmonary hypertension. <i>Respiratory Research</i> , <b>2005</b> , 6, 109	7.3	80
186	Inhaled tolafentrine reverses pulmonary vascular remodeling via inhibition of smooth muscle cell migration. <i>Respiratory Research</i> , <b>2005</b> , 6, 128	7.3	29

185	Lung vasodilatory response to inhaled iloprost in experimental pulmonary hypertension: amplification by different type phosphodiesterase inhibitors. <i>Respiratory Research</i> , <b>2005</b> , 6, 76	7.3	25
184	Detection of reactive oxygen species in isolated, perfused lungs by electron spin resonance spectroscopy. <i>Respiratory Research</i> , <b>2005</b> , 6, 86	7.3	27
183	Imatinib for the treatment of pulmonary arterial hypertension. <i>New England Journal of Medicine</i> , <b>2005</b> , 353, 1412-3	59.2	377
182	Congenital erythropoietin over-expression causes "anti-pulmonary hypertensive" structural and functional changes in mice, both in normoxia and hypoxia. <i>Thrombosis and Haemostasis</i> , <b>2005</b> , 94, 630-8	7	29
181	CCR2-positive monocytes recruited to inflamed lungs downregulate local CCL2 chemokine levels. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2005</b> , 288, L350-8	5.8	63
180	Increased levels and reduced catabolism of asymmetric and symmetric dimethylarginines in pulmonary hypertension. <i>FASEB Journal</i> , <b>2005</b> , 19, 1175-7	0.9	144
179	Inhaled iloprost reverses vascular remodeling in chronic experimental pulmonary hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2005</b> , 172, 358-63	10.2	55
178	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> , <b>2005</b> , 175, 1884-93	5.3	73
177	Thrombin impairs alveolar fluid clearance by promoting endocytosis of Na <sup>+</sup> ,K <sup>+</sup> -ATPase. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2005</b> , 33, 343-54	5.7	56
176	Oleic acid inhibits alveolar fluid reabsorption: a role in acute respiratory distress syndrome?. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2005</b> , 171, 469-79	10.2	68
175	Moraxella catarrhalis--infected alveolar epithelium induced monocyte recruitment and oxidative burst. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2005</b> , 32, 157-66	5.7	15
174	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> , <b>2005</b> , 32, 395-403	5.7	79
173	Mechanisms of cardiac depression caused by lipoteichoic acids from Staphylococcus aureus in isolated rat hearts. <i>Circulation</i> , <b>2005</b> , 112, 691-8	16.7	19
172	Anti-proteinase 3 antibodies (c-ANCA) prime CD14-dependent leukocyte activation. <i>Journal of Leukocyte Biology</i> , <b>2005</b> , 78, 992-1000	6.5	23
171	Hypoxia-driven proliferation of human pulmonary artery fibroblasts: cross-talk between HIF-1alpha and an autocrine angiotensin system. <i>FASEB Journal</i> , <b>2005</b> , 19, 857-9	0.9	65
170	Reversal of experimental pulmonary hypertension by PDGF inhibition. <i>Journal of Clinical Investigation</i> , <b>2005</b> , 115, 2811-21	15.9	764
169	HIF-1alpha attenuates tumor growth in spite of augmented vascularization in an A549 adenocarcinoma mouse model. <i>International Journal of Oncology</i> , <b>2005</b> , 27, 393-400	1	8
168	Compartment- and cell-specific expression of coagulation and fibrinolysis factors in the murine lung undergoing inhalational versus intravenous endotoxin application. <i>Thrombosis and Haemostasis</i> , <b>2004</b> , 92, 529-40	7	36

167	Chronic sildenafil treatment inhibits monocrotaline-induced pulmonary hypertension in rats. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2004</b> , 169, 39-45	10.2	207
166	Antiremodeling effects of iloprost and the dual-selective phosphodiesterase 3/4 inhibitor tolafentrine in chronic experimental pulmonary hypertension. <i>Circulation Research</i> , <b>2004</b> , 94, 1101-8	15.7	86
165	Measurement of exhaled hydrogen peroxide from rabbit lungs. <i>Biological Chemistry</i> , <b>2004</b> , 385, 259-64	4.5	7
164	Pneumolysin-induced lung injury is independent of leukocyte trafficking into the alveolar space. <i>Journal of Immunology</i> , <b>2004</b> , 173, 1307-12	5.3	74
163	Reversal of nocturnal periodic breathing in primary pulmonary hypertension after lung transplantation. <i>Chest</i> , <b>2004</b> , 125, 344-7	5.3	11
162	Changes in pulmonary surfactant function and composition in bleomycin-induced pneumonitis and fibrosis. <i>Toxicology and Applied Pharmacology</i> , <b>2004</b> , 195, 218-31	4.6	37
161	Surfactant abnormalities after single lung transplantation in dogs: impact of bronchoscopic surfactant administration. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2004</b> , 127, 344-54	1.5	28
160	Bronchoscopic surfactant administration preserves gas exchange and pulmonary compliance after single lung transplantation in dogs. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2004</b> , 127, 335-43	1.5	22
159	Prostacyclin and its analogues in the treatment of pulmonary hypertension <b>2004</b> , 102, 139-53		102
158	Increase in alveolar antioxidant levels in hyperoxic and anoxic ventilated rabbit lungs during ischemia. <i>Free Radical Biology and Medicine</i> , <b>2004</b> , 36, 78-89	7.8	13
157	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> , <b>2004</b> , 36, 1279-88	7.8	156
156	Identification of proteins in laser-microdissected small cell numbers by SELDI-TOF and Tandem MS. <i>BMC Biotechnology</i> , <b>2004</b> , 4, 30	3.5	24
155	Clinical classification of pulmonary hypertension. <i>Journal of the American College of Cardiology</i> , <b>2004</b> , 43, 5S-12S	15.1	1162
154	Comparative analysis of clinical trials and evidence-based treatment algorithm in pulmonary arterial hypertension. <i>Journal of the American College of Cardiology</i> , <b>2004</b> , 43, 81S-88S	15.1	137
153	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> , <b>2004</b> , 44, 1488-96	15.1	86
152	Inhibition of monocyte, lymphocyte, and neutrophil adhesion to endothelial cells by human milk oligosaccharides. <i>Thrombosis and Haemostasis</i> , <b>2004</b> , 92, 1402-10	7	167
151	Effect of recombinant surfactant protein C-based surfactant on the acute respiratory distress syndrome. <i>New England Journal of Medicine</i> , <b>2004</b> , 351, 884-92	59.2	342
150	Basic features of hypoxic pulmonary vasoconstriction in mice. <i>Respiratory Physiology and Neurobiology</i> , <b>2004</b> , 139, 191-202	2.8	51



149	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> , <b>2004</b> , 141, 169-77	8	220
148	NO pathway and phosphodiesterase inhibitors in pulmonary arterial hypertension <b>2004</b> , 163-168		
147	Monocytes are potent facilitators of alveolar neutrophil emigration during lung inflammation: role of the CCL2-CCR2 axis. <i>Journal of Immunology</i> , <b>2003</b> , 170, 3273-8	5.3	162
146	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> , <b>2003</b> , 171, 4837-43	5.3	154
145	Downregulation of hypoxic vasoconstriction by chronic hypoxia in rabbits: effects of nitric oxide. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2003</b> , 284, H931-8	5.2	29
144	Sildenafil for long-term treatment of nonoperable chronic thromboembolic pulmonary hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2003</b> , 167, 1139-41	10.2	211
143	Effects of mitochondrial inhibitors and uncouplers on hypoxic vasoconstriction in rabbit lungs. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2003</b> , 29, 721-32	5.7	50
142	Prevention of bleomycin-induced lung fibrosis by aerosolization of heparin or urokinase in rabbits. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2003</b> , 168, 1358-65	10.2	150
141	Selective inhibition of large-to-small surfactant aggregate conversion by serine protease inhibitors of the bis-benzamidine type. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2003</b> , 28, 95-102	5.7	8
140	Changes in biochemical and biophysical surfactant properties with cardiopulmonary bypass in children. <i>Critical Care Medicine</i> , <b>2003</b> , 31, 284-90	1.4	21
139	Leukotriene-mediated coronary vasoconstriction and loss of myocardial contractility evoked by low doses of Escherichia coli hemolysin in perfused rat hearts. <i>Critical Care Medicine</i> , <b>2003</b> , 31, 683-8	1.4	19
138	Subthreshold doses of nebulized prostacyclin and rolipram synergistically protect against lung ischemia-reperfusion. <i>Transplantation</i> , <b>2003</b> , 75, 814-21	1.8	6
137	Chemical crosslinking of urokinase to pulmonary surfactant protein B for targeting alveolar fibrin. <i>Thrombosis and Haemostasis</i> , <b>2003</b> , 89, 53-64	7	12
136	Increased neutrophil mediator release in patients with pulmonary hypertension--suppression by inhaled iloprost. <i>Thrombosis and Haemostasis</i> , <b>2003</b> , 90, 1141-9	7	36
135	Fibrinolysis-inhibitory capacity of clot-embedded surfactant is enhanced by SP-B and SP-C. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2003</b> , 284, L69-76	5.8	4
134	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> , <b>2003</b> , 29, 1472-81	14.5	148
133	Central sleep apnoea and unilateral diaphragmatic paralysis associated with vertebral artery compression of the medulla oblongata. <i>Journal of Neurology</i> , <b>2003</b> , 250, 503-5	5.5	16
132	Nebulization of biodegradable nanoparticles: impact of nebulizer technology and nanoparticle characteristics on aerosol features. <i>Journal of Controlled Release</i> , <b>2003</b> , 86, 131-44	11.7	132

131	Impact of surface tension on the conversion rate of large to small surfactant aggregates. <i>Biophysical Chemistry</i> , <b>2003</b> , 104, 229-38	3.5	4
130	Cyclooxygenase-2-dependent and thromboxane-dependent vascular and bronchial responses are regulated via p38 mitogen-activated protein kinase in control and endotoxin-primed rat lungs. <i>Laboratory Investigation</i> , <b>2003</b> , 83, 333-47	5.9	11
129	Oral sildenafil as long-term adjunct therapy to inhaled iloprost in severe pulmonary arterial hypertension. <i>Journal of the American College of Cardiology</i> , <b>2003</b> , 42, 158-64	15.1	290
128	RNA interference for HIF-1alpha inhibits its downstream signalling and affects cellular proliferation. <i>Biochemical and Biophysical Research Communications</i> , <b>2003</b> , 312, 571-7	3.4	63
127	Sildenafil for lung fibrosis and pulmonary hypertension. <i>Lancet, The</i> , <b>2003</b> , 361, 263	40	
126	Obstructive sleep apnea due to HIV-associated lipodystrophy. <i>Clinical Infectious Diseases</i> , <b>2003</b> , 37, 1398-1406	19.6	10
125	Circulating vascular progenitor cells do not contribute to compensatory lung growth. <i>Circulation Research</i> , <b>2003</b> , 93, 372-9	15.7	74
124	Parenteral nutrition with fish oil modulates cytokine response in patients with sepsis. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2003</b> , 167, 1321-8	10.2	188
123	Chemical crosslinking of urokinase to pulmonary surfactant protein B for targeting alveolar fibrin. <i>Thrombosis and Haemostasis</i> , <b>2003</b> , 89, 53-64	7	1
122	Staphylococcal alpha-toxin provokes neutrophil-dependent cardiac dysfunction: role of ICAM-1 and cys-leukotrienes. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2002</b> , 282, H1157-65	5.2	5
121	Obstructive sleep apnoea secondary to superior vena cava thrombosis in a patient with activated protein C resistance. <i>Somnologie</i> , <b>2002</b> , 6, 173-175	2	
120	Cell-specific nitric oxide synthase-isoenzyme expression and regulation in response to endotoxin in intact rat lungs. <i>Laboratory Investigation</i> , <b>2002</b> , 82, 425-41	5.9	61
119	Interaction of antibodies to proteinase 3 (classic anti-neutrophil cytoplasmic antibody) with human renal tubular epithelial cells: impact on signaling events and inflammatory mediator generation. <i>Journal of Immunology</i> , <b>2002</b> , 168, 3057-64	5.3	9
118	Pharmacokinetics and metabolism of infused versus inhaled iloprost in isolated rabbit lungs. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2002</b> , 303, 741-5	4.7	20
117	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> , <b>2002</b> , 165, 67-70	10.2	177
116	Apical, but not basolateral, endotoxin preincubation protects alveolar epithelial cells against hydrogen peroxide-induced loss of barrier function: the role of nitric oxide synthesis. <i>Journal of Immunology</i> , <b>2002</b> , 169, 1474-81	5.3	16
115	Inhaled iloprost for severe pulmonary hypertension. <i>New England Journal of Medicine</i> , <b>2002</b> , 347, 322-9	59.2	1308
114	Simvastatin inhibits inflammatory properties of Staphylococcus aureus alpha-toxin. <i>Circulation</i> , <b>2002</b> , 106, 2104-10	16.7	139

113	Molecular pathways of monocyte emigration into the alveolar air space of intact mice. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2002</b> , 165, 95-100	10.2	45
112	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> , <b>2002</b> , 166, 268-73	10.2	161
111	An ELISA technique for quantification of surfactant apoprotein (SP)-C in bronchoalveolar lavage fluid. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2002</b> , 165, 470-4	10.2	37
110	A double-blind, randomized, placebo-controlled trial of n-3 versus n-6 fatty acid-based lipid infusion in atopic dermatitis. <i>Journal of Parenteral and Enteral Nutrition</i> , <b>2002</b> , 26, 151-8	4.2	50
109	Adrenomedullin reduces endothelial hyperpermeability. <i>Circulation Research</i> , <b>2002</b> , 91, 618-25	15.7	147
108	Hypoxic pulmonary artery fibroblasts trigger proliferation of vascular smooth muscle cells: role of hypoxia-inducible transcription factors. <i>FASEB Journal</i> , <b>2002</b> , 16, 1660-1	0.9	93
107	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> , <b>2002</b> , 283, H811-8	5.2	89
106	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> , <b>2002</b> , 282, L1245-52	5.8	104
105	Combination therapy with oral sildenafil and inhaled iloprost for severe pulmonary hypertension. <i>Annals of Internal Medicine</i> , <b>2002</b> , 136, 515-22	8	346
104	Staphylococcus aureus alpha toxin mediates polymorphonuclear leukocyte-induced vasoconstriction and endothelial dysfunction. <i>Shock</i> , <b>2002</b> , 17, 30-5	3.4	14
103	Amplification of the pulmonary vasodilatory response to inhaled iloprost by subthreshold phosphodiesterase types 3 and 4 inhibition in severe pulmonary hypertension. <i>Critical Care Medicine</i> , <b>2002</b> , 30, 2489-92	1.4	62
102	Mediator generation and signaling events in alveolar epithelial cells attacked by S. aureus alpha-toxin. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2002</b> , 282, L207-14	5.8	51
101	Distinct pathways of lipopolysaccharide priming of human neutrophil respiratory burst: role of lipid mediator synthesis and sensitivity to interleukin-10. <i>Critical Care Medicine</i> , <b>2002</b> , 30, 2306-12	1.4	12
100	Chemical coupling of a monoclonal antisurfactant protein-B antibody to human urokinase for targeting surfactant-incorporating alveolar fibrin. <i>Bioconjugate Chemistry</i> , <b>2002</b> , 13, 804-11	6.3	9
99	cDNA array hybridization after laser-assisted microdissection from nonneoplastic tissue. <i>American Journal of Pathology</i> , <b>2002</b> , 160, 81-90	5.8	71
98	Genomic organization and regulation of a human 7-helix transmembrane receptor which is expressed in pulmonary epithelial cells and induced in hypoxia. <i>Biochemical and Biophysical Research Communications</i> , <b>2002</b> , 291, 1160-5	3.4	13
97	Aerosolized vasodilators in pulmonary hypertension. <i>Journal of Aerosol Medicine and Pulmonary Drug Delivery</i> , <b>2002</b> , 15, 117-22		16
96	Sildenafil for treatment of lung fibrosis and pulmonary hypertension: a randomised controlled trial. <i>Lancet, The</i> , <b>2002</b> , 360, 895-900	40	590

95	Linkage analysis in a large family with primary pulmonary hypertension: genetic heterogeneity and a second primary pulmonary hypertension locus on 2q31-32. <i>Chest</i> , <b>2002</b> , 121, 54S-56S	5.3	17
94	In vitro mimicry of essential fatty acid deficiency in human endothelial cells by TNF $\beta$ impact of $\beta$ versus $\alpha$ fatty acids. <i>Journal of Lipid Research</i> , <b>2002</b> , 43, 944-951	6.3	34
93	In vitro mimicry of essential fatty acid deficiency in human endothelial cells by TNF $\alpha$ impact of omega-3 versus omega-6 fatty acids. <i>Journal of Lipid Research</i> , <b>2002</b> , 43, 944-51	6.3	26
92	Wegener $\beta$ granulomatosis: antiproteinase 3 antibodies induce monocyte cytokine and prostanoid release-role of autocrine cell activation. <i>Journal of Leukocyte Biology</i> , <b>2002</b> , 71, 996-1004	6.5	26
91	Pulmonary surfactant: functions, abnormalities and therapeutic options. <i>Intensive Care Medicine</i> , <b>2001</b> , 27, 1699-717	14.5	118
90	Cellular pathophysiology and therapy of pulmonary hypertension. <i>Translational Research</i> , <b>2001</b> , 138, 367-77		48
89	Physiologic basis for the treatment of pulmonary hypertension. <i>Translational Research</i> , <b>2001</b> , 138, 287-97		62
88	Biosynthesis of constitutive nitric oxide synthase-derived nitric oxide attenuates coronary vasoconstriction and myocardial depression in a model of septic heart failure induced by <i>Staphylococcus aureus</i> alpha-toxin. <i>Critical Care Medicine</i> , <b>2001</b> , 29, 1-7	1.4	25
87	Human endothelial cell activation and mediator release in response to <i>Listeria monocytogenes</i> virulence factors. <i>Infection and Immunity</i> , <b>2001</b> , 69, 897-905	3.7	59
86	Cell density regulates neutrophil IL-8 synthesis: role of IL-1 receptor antagonist and soluble TNF receptors. <i>Journal of Immunology</i> , <b>2001</b> , 166, 6287-93	5.3	28
85	Pathophysiology of acute lung injury. <i>Seminars in Respiratory and Critical Care Medicine</i> , <b>2001</b> , 22, 247-58	3.9	29
84	Coaerosolization of phosphodiesterase inhibitors markedly enhances the pulmonary vasodilatory response to inhaled iloprost in experimental pulmonary hypertension. Maintenance of lung selectivity. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2001</b> , 164, 1694-700	10.2	49
83	Urodilatin, a natriuretic peptide stimulating particulate guanylate cyclase, and the phosphodiesterase 5 inhibitor dipyridamole attenuate experimental pulmonary hypertension: synergism upon coapplication. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2001</b> , 25, 219-25	5.7	20
82	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> , <b>2001</b> , 164, 406-11	10.2	72
81	Endogenous nitric oxide synthesis and vascular leakage in ischemic-reperfused rabbit lungs. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2001</b> , 164, 412-8	10.2	15
80	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> , <b>2001</b> , 163, 95-100	10.2	114
79	Atrial natriuretic peptide in severe primary and nonprimary pulmonary hypertension: response to iloprost inhalation. <i>Journal of the American College of Cardiology</i> , <b>2001</b> , 38, 1130-6	15.1	47
78	Comparison of different detection methods in quantitative microdensitometry. <i>American Journal of Pathology</i> , <b>2001</b> , 158, 407-17	5.8	28

77	Surfactant alteration and replacement in acute respiratory distress syndrome. <i>Respiratory Research</i> , <b>2001</b> , 2, 353-64	7.3	158
76	NO and reactive oxygen species are involved in biphasic hypoxic vasoconstriction of isolated rabbit lungs. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2001</b> , 280, L638-45	5.8	53
75	Conebulization of surfactant and urokinase restores gas exchange in perfused lungs with alveolar fibrin formation. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2001</b> , 280, L792-800	5.8	15
74	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> , <b>2001</b> , 280, L58-68	5.8	109
73	Alveolar epithelial barrier functions in ventilated perfused rabbit lungs. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2001</b> , 280, L896-904	5.8	19
72	Combination of nonspecific PDE inhibitors with inhaled prostacyclin in experimental pulmonary hypertension. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2001</b> , 281, L1361-8	5.8	30
71	Protection against gas exchange abnormalities by pre-aerosolized PGE1, iloprost and nitroprusside in lung ischemia-reperfusion. <i>Transplantation</i> , <b>2001</b> , 71, 185-93	1.8	31
70	Short-term "preconditioning" with inhaled nitric oxide protects rabbit lungs against ischemia-reperfusion injury. <i>Transplantation</i> , <b>2001</b> , 72, 1363-70	1.8	29
69	Immunostaining and laser-assisted cell picking for mRNA analysis. <i>Laboratory Investigation</i> , <b>2000</b> , 80, 327-33	5.9	51
68	The PDE inhibitor zaprinast enhances NO-mediated protection against vascular leakage in reperfused lungs. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2000</b> , 279, L496-502	5.8	11
67	Phenotypic characterization of alveolar monocyte recruitment in acute respiratory distress syndrome. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2000</b> , 279, L25-35	5.8	134
66	Hypoxic vasoconstriction in intact lungs: a role for NADPH oxidase-derived H <sub>2</sub> O <sub>2</sub> ?. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2000</b> , 279, L683-90	5.8	75
65	PAF-induced synthesis of tetraenoic and pentaenoic leukotrienes in the isolated rabbit lung. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2000</b> , 278, L268-75	5.8	16
64	Cell type-specific mRNA quantitation in non-neoplastic tissues after laser-assisted cell picking. <i>Pathobiology</i> , <b>2000</b> , 68, 191-5	3.6	20
63	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> , <b>2000</b> , 161, 1855-61	10.2	113
62	Nitric oxide (NO)-dependent but not NO-independent guanylate cyclase activation attenuates hypoxic vasoconstriction in rabbit lungs. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2000</b> , 23, 222-7	5.7	22
61	Differential impact of ultrasonically nebulized versus tracheal-instilled surfactant on ventilation-perfusion (VA/Q) mismatch in a model of acute lung injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2000</b> , 161, 152-9	10.2	27
60	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> , <b>2000</b> , 161, 454-62	10.2	302

59	Synthesis of arachidonic acid-derived lipoxygenase and cytochrome P450 products in the intact human lung vasculature. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2000</b> , 161, 1917-23	10.2	41
58	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> , <b>2000</b> , 162, 566-70	10.2	500
57	Monocyte migration through the alveolar epithelial barrier: adhesion molecule mechanisms and impact of chemokines. <i>Journal of Immunology</i> , <b>2000</b> , 164, 427-35	5.3	111
56	Staphylococcal alpha-toxin provokes coronary vasoconstriction and loss in myocardial contractility in perfused rat hearts: role of thromboxane generation. <i>Circulation</i> , <b>2000</b> , 101, 78-85	16.7	55
55	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> , <b>2000</b> , 102, 2758-64	16.7	122
54	Immunostaining for cell picking and real-time mRNA quantitation. <i>American Journal of Pathology</i> , <b>2000</b> , 157, 1459-66	5.8	51
53	Rat pulmonary cyclooxygenase-2 expression in response to endotoxin challenge: differential regulation in the various types of cells in the lung. <i>American Journal of Pathology</i> , <b>2000</b> , 156, 1275-87	5.8	35
52	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> , <b>2000</b> , 35, 176-82	15.1	246
51	Inhaled iloprost to treat severe pulmonary hypertension. An uncontrolled trial. German PPH Study Group. <i>Annals of Internal Medicine</i> , <b>2000</b> , 132, 435-43	8	167
50	Evidence for a role of protein kinase C in hypoxic pulmonary vasoconstriction. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>1999</b> , 276, L90-5	5.8	33
49	Cleavage of surfactant-incorporating fibrin by different fibrinolytic agents. Kinetics of lysis and rescue of surface activity. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>1999</b> , 21, 738-45	5.7	13
48	Role of actin depolymerization in the surfactant secretory response of alveolar epithelial type II cells. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>1999</b> , 159, 206-12	10.2	40
47	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> , <b>1999</b> , 160, 1500-6	10.2	68
46	Prostacyclin enhances stretch-induced surfactant secretion in alveolar epithelial type II cells. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>1999</b> , 160, 846-51	10.2	34
45	Surfactant subtype conversion is related to loss of surfactant apoprotein B and surface activity in large surfactant aggregates. Experimental and clinical studies. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>1999</b> , 159, 244-51	10.2	48
44	Severe microcirculatory abnormalities elicited by E. coli hemolysin in the rabbit ileum mucosa. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>1999</b> , 160, 1171-8	10.2	20
43	Ventilation-perfusion mismatch after lung ischemia-reperfusion. Protective effect of nitric oxide. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>1999</b> , 160, 1179-87	10.2	33
42	Inhaled prostacyclin and iloprost in severe pulmonary hypertension secondary to lung fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>1999</b> , 160, 600-7	10.2	300

41	Role of <i>Listeria monocytogenes</i> exotoxins listeriolysin and phosphatidylinositol-specific phospholipase C in activation of human neutrophils. <i>Infection and Immunity</i> , <b>1999</b> , 67, 1125-30	3.7	52
40	Real-time quantitative RT-PCR after laser-assisted cell picking. <i>Nature Medicine</i> , <b>1998</b> , 4, 1329-33	50.5	523
39	Effects of arachidonic acid metabolism on hypoxic vasoconstriction in rabbit lungs. <i>European Journal of Pharmacology</i> , <b>1998</b> , 356, 231-7	5.3	15
38	Simultaneous analysis of 4- and 5-series lipoxygenase and cytochrome P450 products from different biological sources by reversed-phase high-performance liquid chromatographic technique. <i>Analytical Biochemistry</i> , <b>1998</b> , 261, 16-28	3.1	31
37	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> , <b>1998</b> , 38, 539-47	4.5	108
36	Nitric oxide biosynthesis in an exotoxin-induced septic lung model: role of cNOS and impact on pulmonary hemodynamics. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>1998</b> , 157, 498-504	10.2	16
35	Abnormalities of gastric mucosal oxygenation in septic shock: partial responsiveness to dexamethasone. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>1998</b> , 157, 1586-92	10.2	127
34	Vascular distension and continued ventilation are protective in lung ischemia/reperfusion. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>1998</b> , 157, 171-7	10.2	27
33	Wegener's granulomatosis: anti-proteinase 3 antibodies are potent inducers of human endothelial cell signaling and leakage response. <i>Journal of Experimental Medicine</i> , <b>1998</b> , 187, 497-503	16.6	59
32	Use of fish oil to prevent graft rejection. <i>Proceedings of the Nutrition Society</i> , <b>1998</b> , 57, 577-85	2.9	7
31	Nitro blue tetrazolium inhibits but does not mimic hypoxic vasoconstriction in isolated rabbit lungs. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>1998</b> , 274, L721-7	5.8	20
30	Clinical use of lipids to control inflammatory disease. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , <b>1998</b> , 1, 179-84	3.8	24
29	Synergism between endotoxin priming and exotoxin challenge in provoking severe vascular leakage in rabbit lungs. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>1997</b> , 156, 819-24	10.2	9
28	Endotoxin priming of thromboxane-related vasoconstrictor responses in perfused rabbit lungs. <i>Journal of Applied Physiology</i> , <b>1997</b> , 83, 18-24	3.7	14
27	Effect of 3 hours of passive smoke exposure in the evening on inflammatory markers in bronchoalveolar and nasal lavage fluid in subjects with mild asthma. <i>International Archives of Occupational and Environmental Health</i> , <b>1997</b> , 70, 85-93	3.2	9
26	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> , <b>1996</b> , 93, 707-13	4.5	152
25	Hypoxic vasoconstriction in buffer-perfused rabbit lungs. <i>Respiration Physiology</i> , <b>1995</b> , 100, 159-69		61
24	Hydrogen peroxide-induced increase in lung endothelial and epithelial permeability--effect of adenylate cyclase stimulation and phosphodiesterase inhibition. <i>Microvascular Research</i> , <b>1995</b> , 50, 1-17	3.7	51

23	Proteinaceous bacterial toxins and pathogenesis of sepsis syndrome and septic shock: the unknown connection. <i>Medical Microbiology and Immunology</i> , <b>1994</b> , 183, 119-44	4	14
22	Adult respiratory distress syndrome: model systems using isolated perfused rabbit lungs. <i>Methods in Enzymology</i> , <b>1994</b> , 233, 549-84	1.7	59
21	Proteolytic cleavage of fibrinogen: amplification of its surfactant inhibitory capacity. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>1993</b> , 9, 239-47	5.7	25
20	Endotoxin primes perfused rabbit lungs for enhanced vasoconstrictor response to staphylococcal alpha-toxin. <i>The American Review of Respiratory Disease</i> , <b>1993</b> , 148, 1179-86		21
19	Lung surfactant phospholipids associate with polymerizing fibrin: loss of surface activity. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>1993</b> , 9, 213-20	5.7	73
18	Computer-assisted morphometry of the intracapillary leukocyte pool in the rabbit lung. <i>Cell and Tissue Research</i> , <b>1993</b> , 271, 469-76	4.2	21
17	Type II alveolar epithelial eicosanoid metabolism: predominance of cyclooxygenase pathways and transcellular lipoxygenase metabolism in co-culture with neutrophils. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>1992</b> , 6, 9-16	5.7	31
16	Lung vascular injury after administration of viable hemolysin-forming <i>Escherichia coli</i> in isolated rabbit lungs. <i>The American Review of Respiratory Disease</i> , <b>1991</b> , 143, 797-805		29
15	Surface properties and sensitivity to protein-inhibition of a recombinant apoprotein C-based phospholipid mixture in vitro--comparison to natural surfactant. <i>Lipids and Lipid Metabolism</i> , <b>1991</b> , 1081, 45-52		24
14	Procoagulant activity in bronchoalveolar lavage of severely traumatized patients--relation to the development of acute respiratory distress. <i>Thrombosis Research</i> , <b>1991</b> , 61, 53-64	8.2	24
13	Local complement activation, thromboxane-mediated vasoconstriction, and vascular leakage in isolated lungs. Role of the terminal complement sequence. <i>The American Review of Respiratory Disease</i> , <b>1989</b> , 139, 88-99		28
12	Surfactant abnormalities in patients with respiratory failure after multiple trauma. <i>The American Review of Respiratory Disease</i> , <b>1989</b> , 140, 1033-9		204
11	Effects of alpha-tocopherol, its carboxylic acid chromane compound and two novel antioxidant isoflavanones on prostaglandin H synthase activity and autodeactivation. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>1988</b> , 338, 74-81	3.4	2
10	A highly sensitive gas chromatographic method does not detect exhalation of volatile hydrocarbons from isolated ventilated lungs under massive peroxidative stress. <i>Experimental Lung Research</i> , <b>1988</b> , 14, 387-401	2.3	8
9	Role of membrane lipids in the pulmonary vascular abnormalities caused by bacterial toxins. <i>The American Review of Respiratory Disease</i> , <b>1987</b> , 136, 462-6		30
8	Arachidonic acid lipoxygenase pathways and increased vascular permeability in isolated rabbit lungs. <i>The American Review of Respiratory Disease</i> , <b>1987</b> , 136, 964-72		49
7	Septic lung. <i>Clinical Infectious Diseases</i> , <b>1987</b> , 9 Suppl 5, S570-9	11.6	23
6	Release of leukotrienes into the perfusate of calcium-ionophore stimulated rabbit lungs. Influence of 5-lipoxygenase inhibitors. <i>Biochemical Pharmacology</i> , <b>1986</b> , 35, 183-93	6	45



- 5 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 7 65
- 4 Alteration of alveolar surfactant function after exposure to oxidative stress and to oxygenated and native arachidonic acid in vitro. *Lipids and Lipid Metabolism*, **1985**, 835, 58-67 45
- 3 Calmodulin and the Lung Arachidonic Acid System **1985**, 401-421 1
- 2 Bayesian inference associates rare KDR variants with specific phenotypes in pulmonary arterial hypertension 3
- 1 Hypoxic Pulmonary Vasoconstriction—Triggered by an Increase in Reactive Oxygen Species?. *Novartis Foundation Symposium*, 196-213 8