Oliver Eickelberg

List of Publications by Year
in descending order

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Version: 2024-02-01

264 papers	20,545 citations	7568 77 h-index	12946 131 g-index
280 all docs	280 docs citations	280 times ranked	25119 citing authors

#	Article	IF	Citations
1	The arginine methyltransferase PRMT7 promotes extravasation of monocytes resulting in tissue injury in COPD. Nature Communications, 2022, 13, 1303.	12.8	42
2	FK506-Binding Protein 11 Is a Novel Plasma Cell-Specific Antibody Folding Catalyst with Increased Expression in Idiopathic Pulmonary Fibrosis. Cells, 2022, 11, 1341.	4.1	12
3	Non-canonical Wnt/PCP signalling regulates intestinal stem cell lineage priming towards enteroendocrine and Paneth cell fates. Nature Cell Biology, 2021, 23, 23-31.	10.3	46
4	Decellularized Human Lung as Complex Three-Dimensional Tissue Culture Models to Study Functional Behavior of. Methods in Molecular Biology, 2021, 2299, 447-456.	0.9	2
5	Integrative analysis of cell state changes in lung fibrosis with peripheral protein biomarkers. EMBO Molecular Medicine, 2021, 13, e12871.	6.9	53
6	Update in Interstitial Lung Disease 2020. American Journal of Respiratory and Critical Care Medicine, 2021, 203, 1343-1352.	5.6	21
7	National Heart, Lung, and Blood Institute and Building Respiratory Epithelium and Tissue for Health (BREATH) Consortium Workshop Report: Moving Forward in Lung Regeneration. American Journal of Respiratory Cell and Molecular Biology, 2021, 65, 22-29.	2.9	2
8	Cathepsin B promotes collagen biosynthesis, which drives bronchiolitis obliterans syndrome. European Respiratory Journal, 2021, 57, 2001416.	6.7	13
9	Two sides of the same coin? A review of the similarities and differences between idiopathic pulmonary fibrosis and rheumatoid arthritis-associated interstitial lung disease. European Respiratory Journal, 2021, 57, 2002533.	6.7	33
10	Patterns of Carbon-Bound Exogenous Compounds in Patients with Lung Cancer and Association with Disease Pathophysiology. Cancer Research, 2021, 81, 5862-5875.	0.9	12
11	Phenotypic drug screening in a human fibrosis model identified a novel class of antifibrotic therapeutics. Science Advances, 2021, 7, eabb3673.	10.3	15
12	Altered relaxation times in MRI indicate bronchopulmonary dysplasia. Thorax, 2020, 75, 184-187.	5.6	22
13	CX3CR1â€“fractalkine axis drives kinetic changes of monocytes in fibrotic interstitial lung diseases. European Respiratory Journal, 2020, 55, 1900460.	6.7	15
14	WKYMVm ameliorates acute lung injury via neutrophil antimicrobial peptide derived STAT1/IRF1 pathway. Biochemical and Biophysical Research Communications, 2020, 533, 313-318.	2.1	7
15	Organâ€Restricted Vascular Delivery: Organâ€Restricted Vascular Delivery of Nanoparticles for Lung Cancer Therapy (Adv. Therap. 7/2020). Advanced Therapeutics, 2020, 3, 2070016.	3.2	0
16	Preclinical Pulmonary Fibrosis Circulating Protein Biomarkers. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 1720-1724.	5.6	4
17	Reproducible Single-Cell Genomic Research in Pulmonary and Critical Care Medicine. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 1495-1497.	5.6	1
18	Inhibition of LTÎ²R signalling activates WNT-induced regeneration in lung. Nature, 2020, 588, 151-156.	27.8	81

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19	Organâ€Restricted Vascular Delivery of Nanoparticles for Lung Cancer Therapy. Advanced Therapeutics, 2020, 3, 2000017.	3.2	7
20	Biomarkers in Interstitial Lung Diseases. Respiratory Medicine, 2020, , 155-165.	0.1	2
21	Quantitative proteomic profiling of extracellular matrix and site-specific collagen post-translational modifications in an in vitro model of lung fibrosis. Matrix Biology Plus, 2019, 1, 100005.	3.5	55
22	Proteasome activator PA200 regulates myofibroblast differentiation. Scientific Reports, 2019, 9, 15224.	3.3	14
23	Cigarette smoke induces overexpression of active human cathepsin S in lungs from current smokers with or without COPD. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2019, 317, L625-L638.	2.9	30
24	Defining the Cell Types That Drive Idiopathic Pulmonary Fibrosis Using Single-Cell RNA Sequencing. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 1454-1456.	5.6	9
25	The Oncogene ECT2 Contributes to a Hyperplastic, Proliferative Lung Epithelial Cell Phenotype in Idiopathic Pulmonary Fibrosis. American Journal of Respiratory Cell and Molecular Biology, 2019, 61, 713-726.	2.9	15
26	Direct Intrabronchial Administration to Improve the Selective Agent Deposition Within the Mouse Lung. Journal of Visualized Experiments, 2019, , .	0.3	2
27	The Notch ligand DNER regulates macrophage IFNÎ³ release in chronic obstructive pulmonary disease. EBioMedicine, 2019, 43, 562-575.	6.1	16
28	Three Is Better than One: An Improved Multiple-Hit Model of Primary Graft Dysfunction. American Journal of Respiratory Cell and Molecular Biology, 2019, 61, 141-142.	2.9	3
29	Resequencing Study Confirms That Host Defense and Cell Senescence Gene Variants Contribute to the Risk of Idiopathic Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2019, 200, 199-208.	5.6	90
30	Altered proteasome function in right ventricular hypertrophy. Cardiovascular Research, 2019, 116, 406-415.	3.8	9
31	An atlas of the aging lung mapped by single cell transcriptomics and deep tissue proteomics. Nature Communications, 2019, 10, 963.	12.8	408
32	Dissecting the molecular effects of cigarette smoke on proteasome function. Journal of Proteomics, 2019, 193, 1-9.	2.4	13
33	Ezrin in Asthma: A First Step to Early Biomarkers of Airway Epithelial Dysfunction. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 408-410.	5.6	9
34	Inhibition of B cellâ€“dependent lymphoid follicle formation prevents lymphocytic bronchiolitis after lung transplantation. JCI Insight, 2019, 4, .	5.0	28
35	High-Throughput Drug Screening of ECM Deposition Inhibitors for Antifibrotic Drug Discovery. Pneumologie, 2019, 73, .	0.1	0
36	Mitochondrial Uncoupling Proteinâ€2 and Fibroblast Senescence in Ageâ€Related Lung Fibrosis. FASEB Journal, 2019, 33, 543.6.	0.5	0

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37	Cholesterol metabolism promotes Bâ€cell positioning during immune pathogenesis of chronic obstructive pulmonary disease. EMBO Molecular Medicine, 2018, 10, .	6.9	39
38	Preservation with Î±1-antitrypsin improves primary graft function of murine lung transplants. Journal of Heart and Lung Transplantation, 2018, 37, 1021-1028.	0.6	20
39	Time for a change: is idiopathic pulmonary fibrosis still idiopathic and only fibrotic?. Lancet Respiratory Medicine,the, 2018, 6, 154-160.	10.7	137
40	Upregulation and Nuclear Location of MMP28 in Alveolar Epithelium of Idiopathic Pulmonary Fibrosis. American Journal of Respiratory Cell and Molecular Biology, 2018, 59, 77-86.	2.9	21
41	X-Ray Dark-field Imaging to Depict Acute Lung Inflammation in Mice. Scientific Reports, 2018, 8, 2096.	3.3	25
42	Epithelial Progenitor Cells Take Center Stage in Lung Transplantation. American Journal of Respiratory and Critical Care Medicine, 2018, 197, 981-983.	5.6	2
43	Breaking the In Vitro Barrier in Respiratory Medicine. Engineered Microphysiological Systems for Chronic Obstructive Pulmonary Disease and Beyond. American Journal of Respiratory and Critical Care Medicine, 2018, 197, 869-875.	5.6	19
44	FK506-binding protein 10 (FKBP10) regulates lung fibroblast migration via collagen VI synthesis. Respiratory Research, 2018, 19, 67.	3.6	21
45	Fgf9 Y162C Mutation Alters Information Processing and Social Memory in Mice. Molecular Neurobiology, 2018, 55, 4580-4595.	4.0	11
46	Early Identification of Bronchopulmonary Dysplasia Using Novel Biomarkers by Proteomic Screening. American Journal of Respiratory and Critical Care Medicine, 2018, 197, 1076-1080.	5.6	26
47	FoxO3 an important player in fibrogenesis and therapeutic target for idiopathic pulmonary fibrosis. EMBO Molecular Medicine, 2018, 10, 276-293.	6.9	85
48	Overproduction of growth differentiation factor 15 promotes human rhinovirus infection and virus-induced inflammation in the lung. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2018, 314, L514-L527.	2.9	38
49	Intrauterine smoke exposure deregulates lung function, pulmonary transcriptomes, and in particular insulin-like growth factor (IGF)-1 in a sex-specific manner. Scientific Reports, 2018, 8, 7547.	3.3	24
50	Optimising experimental research in respiratory diseases: an ERS statement. European Respiratory Journal, 2018, 51, 1702133.	6.7	98
51	Distinct niches within the extracellular matrix dictate fibroblast function in (cell free) 3D lung tissue cultures. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2018, 314, L708-L723.	2.9	28
52	Cell-surface phenotyping identifies CD36 and CD97 as novel markers of fibroblast quiescence in lung fibrosis. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2018, 315, L682-L696.	2.9	21
53	Pharmacometabolic response to pirfenidone in pulmonary fibrosis detected by MALDI-FTICR-MSI. European Respiratory Journal, 2018, 52, 1702314.	6.7	26
54	Cub domain-containing protein 1 negatively regulates TGF-Î² signaling and myofibroblast differentiation. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2018, 314, L695-L707.	2.9	11

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55	Nanoparticle exposure reactivates latent herpesvirus and restores a signature of acute infection. Particle and Fibre Toxicology, 2017, 14, 2.	6.2	24
56	Nasal high flow reduces dead space. Journal of Applied Physiology, 2017, 122, 191-197.	2.5	168
57	A Novel Antifibrotic Mechanism of Nintedanib and Pirfenidone. Inhibition of Collagen Fibril Assembly. American Journal of Respiratory Cell and Molecular Biology, 2017, 57, 77-90.	2.9	125
58	Pulmonary microRNA profiles identify involvement of Creb1 and Sec14l3 in bronchial epithelial changes in allergic asthma. Scientific Reports, 2017, 7, 46026.	3.3	29
59	The Intersection of Aging Biology and the Pathobiology of Lung Diseases: A Joint NHLBI/NIA Workshop. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2017, 72, 1492-1500.	3.6	55
60	An Official American Thoracic Society Workshop Report: Use of Animal Models for the Preclinical Assessment of Potential Therapies for Pulmonary Fibrosis. American Journal of Respiratory Cell and Molecular Biology, 2017, 56, 667-679.	2.9	267
61	Cigarette smoke alters the secretome of lung epithelial cells. Proteomics, 2017, 17, 1600243.	2.2	18
62	micro<scp>RNA</scp> cluster 106a~363 is involved in T helper 17 cell differentiation. Immunology, 2017, 152, 402-413.	4.4	56
63	Mutant KRAS promotes malignant pleural effusion formation. Nature Communications, 2017, 8, 15205.	12.8	77
64	X-ray Dark-field Radiography - In-Vivo Diagnosis of Lung Cancer in Mice. Scientific Reports, 2017, 7, 402.	3.3	63
65	First experiences with in-vivo x-ray dark-field imaging of lung cancer in mice. Proceedings of SPIE, 2017, , .	0.8	4
66	Noncanonical WNT-5A signaling impairs endogenous lung repair in COPD. Journal of Experimental Medicine, 2017, 214, 143-163.	8.5	122
67	Systems medicine advances in interstitial lung disease. European Respiratory Review, 2017, 26, 170021.	7.1	4
68	Recovery from Critical Illness: Physical Rehabilitation in the Intensive Care Unit, Timing of Persistent Critical Illness, and Caregiver Outcomes. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 1068-1070.	5.6	1
69	Attenuated <scp>PDGF</scp> signaling drives alveolar and microvascular defects in neonatal chronic lungÂdisease. EMBO Molecular Medicine, 2017, 9, 1504-1520.	6.9	32
70	X-ray dark-field radiography facilitates the diagnosis of pulmonary fibrosis in a mouse model. Scientific Reports, 2017, 7, 340.	3.3	25
71	Pulmonary CCR2⁺CD4⁺T cells are immune regulatory and attenuate lung fibrosis development. Thorax, 2017, 72, 1007-1020.	5.6	26
72	The instructive extracellular matrix of the lung: basic composition and alterations in chronic lung disease. European Respiratory Journal, 2017, 50, 1601805.	6.7	341

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73	Deep Proteome Profiling Reveals Common Prevalence of MZB1-Positive Plasma B Cells in Human Lung and Skin Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 1298-1310.	5.6	97
74	Validating Metalâ€Organic Framework Nanoparticles for Their Nanosafety in Diverse Biomedical Applications. Advanced Healthcare Materials, 2017, 6, 1600818.	7.6	137
75	Detecting Swelling States of Red Blood Cells by â€œCellâ€“Fluid Coupling Spectroscopyâ€. Advanced Science, 2017, 4, 1600238.	11.2	4
76	D-tryptophan from probiotic bacteria influences the gut microbiome and allergic airway disease. Journal of Allergy and Clinical Immunology, 2017, 139, 1525-1535.	2.9	119
77	Downregulation of monocytic differentiation via modulation of CD147 by 3-hydroxy-3-methylglutaryl coenzyme A reductase inhibitors. PLoS ONE, 2017, 12, e0189701.	2.5	26
78	Inflammaging increases susceptibility to cigarette smoke-induced COPD. Oncotarget, 2016, 7, 30068-30083.	1.8	40
79	Facilitated Diagnosis of Pneumothoraces in Newborn Mice Using X-ray Dark-Field Radiography. Investigative Radiology, 2016, 51, 597-601.	6.2	40
80	Visualization of neonatal lung injury associated with mechanical ventilation using x-ray dark-field radiography. Scientific Reports, 2016, 6, 24269.	3.3	38
81	Cigarette smoke causes acute airway disease and exacerbates chronic obstructive lung disease in neonatal mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 311, L602-L610.	2.9	22
82	Repositioning compounds from cancer drug discovery to IPF: PI3K inhibition. Thorax, 2016, 71, 675-676.	5.6	6
83	An American Thoracic Society Official Research Statement: Future Directions in Lung Fibrosis Research. American Journal of Respiratory and Critical Care Medicine, 2016, 193, 792-800.	5.6	22
84	Immune Mechanisms in Pulmonary Fibrosis. American Journal of Respiratory Cell and Molecular Biology, 2016, 55, 309-322.	2.9	245
85	Peripheral blood myeloid-derived suppressor cells reflect disease status in idiopathic pulmonary fibrosis. European Respiratory Journal, 2016, 48, 1171-1183.	6.7	55
86	Metabolomics screening identifies reduced<scp>L</scp>-carnitine to be associated with progressive emphysema. Clinical Science, 2016, 130, 273-287.	4.3	39
87	Glutathione peroxidase 3 localizes to the epithelial lining fluid and the extracellular matrix in interstitial lung disease. Scientific Reports, 2016, 6, 29952.	3.3	30
88	Exercise Reduces Lung Fibrosis Involving Serotonin/Akt Signaling. Medicine and Science in Sports and Exercise, 2016, 48, 1276-1284.	0.4	24
89	Systematic phenotyping and correlation of biomarkers with lung function and histology in lung fibrosis. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 310, L919-L927.	2.9	21
90	â€˜Optical Shakingâ€™ of Red Blood Cells: A Strategy to Measure Cell-Fluid Coupling with Optical Tweezers. Biophysical Journal, 2016, 110, 134a.	0.5	0

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91	Inhibition of Proteasome Activity Induces Formation of Alternative Proteasome Complexes. Journal of Biological Chemistry, 2016, 291, 13147-13159.	3.4	47
92	Impairment of Immunoproteasome Function by Cigarette Smoke and in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2016, 193, 1230-1241.	5.6	42
93	Pharmacokinetic and pharmacometabolomic study of pirfenidone in normal mouse tissues using high mass resolution MALDI-FTICR-mass spectrometry imaging. Histochemistry and Cell Biology, 2016, 145, 201-211.	1.7	43
94	Surface proteome analysis identifies platelet derived growth factor receptor-alpha as a critical mediator of transforming growth factor-beta-induced collagen secretion. International Journal of Biochemistry and Cell Biology, 2016, 74, 44-59.	2.8	14
95	A novel role of MMP-13 for murine DC function: its inhibition dampens T-cell activation. International Immunology, 2016, 28, 473-487.	4.0	6
96	Aerobic Exercise Attenuated Bleomycin-Induced Lung Fibrosis in Th2-Dominant Mice. PLoS ONE, 2016, 11, e0163420.	2.5	9
97	Regulation of Immunoproteasome Function in the Lung. Scientific Reports, 2015, 5, 10230.	3.3	64
98	Timeâ€•and compartmentâ€•resolved proteome profiling of the extracellular niche in lung injury and repair. Molecular Systems Biology, 2015, 11, 819.	7.2	211
99	Improved In vivo Assessment of Pulmonary Fibrosis in Mice using X-Ray Dark-Field Radiography. Scientific Reports, 2015, 5, 17492.	3.3	72
100	Computer-aided diagnosis of pulmonary diseases using x-ray darkfield radiography. Physics in Medicine and Biology, 2015, 60, 9253-9268.	3.0	8
101	In Vivo Dark-Field Radiography for Early Diagnosis and Staging of Pulmonary Emphysema. Investigative Radiology, 2015, 50, 430-435.	6.2	77
102	Free DNA in Cystic Fibrosis Airway Fluids Correlates with Airflow Obstruction. Mediators of Inflammation, 2015, 2015, 1-11.	3.0	100
103	Mast cells mediate malignant pleural effusion formation. Journal of Clinical Investigation, 2015, 125, 2317-2334.	8.2	89
104	Cigarette smoke alters primary human bronchial epithelial cell differentiation at the air-liquid interface. Scientific Reports, 2015, 5, 8163.	3.3	149
105	Blue Journal Conference. Aging and Susceptibility to Lung Disease. American Journal of Respiratory and Critical Care Medicine, 2015, 191, 261-269.	5.6	149
106	FK506-Binding Protein 10, a Potential Novel Drug Target for Idiopathic Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2015, 192, 455-467.	5.6	80
107	Nasal high flow clears anatomical dead space in upper airway models. Journal of Applied Physiology, 2015, 118, 1525-1532.	2.5	216
108	Enolase 1 and protein disulfide isomerase associated 3 regulate Wnt/Î²-catenin driven alveolar epithelial cell trans-differentiation. DMM Disease Models and Mechanisms, 2015, 8, 877-90.	2.4	53

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109	Aging and Lung Disease. Clinical Impact and Cellular and Molecular Pathways. Annals of the American Thoracic Society, 2015, 12, S222-S227.	3.2	50
110	Hallmarks of the ageing lung. European Respiratory Journal, 2015, 45, 807-827.	6.7	264
111	A First Glimpse at the Early Origins of Idiopathic Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2015, 191, 366-368.	5.6	2
112	Protease-Mediated Release of Chemotherapeutics from Mesoporous Silica Nanoparticles to ex Vivo Human and Mouse Lung Tumors. ACS Nano, 2015, 9, 2377-2389.	14.6	165
113	Quantitative detection of drug dose and spatial distribution in the lung revealed by Cryoslicing Imaging. Journal of Pharmaceutical and Biomedical Analysis, 2015, 102, 129-136.	2.8	14
114	Regulation of 26S Proteasome Activity in Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2015, 192, 1089-1101.	5.6	38
115	Analysis of mammalian gene function through broad-based phenotypic screens across a consortium of mouse clinics. Nature Genetics, 2015, 47, 969-978.	21.4	137
116	Coactivator-Associated Arginine Methyltransferase-1 Function in Alveolar Epithelial Senescence and Elastase-Induced Emphysema Susceptibility. American Journal of Respiratory Cell and Molecular Biology, 2015, 53, 769-781.	2.9	17
117	Platelet-Derived Growth Factor Signaling in the Lung. From Lung Development and Disease to Clinical Studies. American Journal of Respiratory Cell and Molecular Biology, 2015, 52, 263-284.	2.9	76
118	Characteristic Patterns in the Fibrotic Lung. Comparing Idiopathic Pulmonary Fibrosis with Chronic Lung Allograft Dysfunction. Annals of the American Thoracic Society, 2015, 12, S34-S41.	3.2	16
119	Preclinical validation and imaging of Wnt-induced repair in human 3D lung tissue cultures. European Respiratory Journal, 2015, 46, 1150-1166.	6.7	132
120	Multidimensional immunolabeling and 4D time-lapse imaging of vital ex vivo lung tissue. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 309, L323-L332.	2.9	24
121	Validated prediction of pro-invasive growth factors using a transcriptome-wide invasion signature derived from a complex 3D invasion assay. Scientific Reports, 2015, 5, 12673.	3.3	12
122	Validation of the 2nd Generation Proteasome Inhibitor Oprozomib for Local Therapy of Pulmonary Fibrosis. PLoS ONE, 2015, 10, e0136188.	2.5	11
123	Proteasome function is not impaired in healthy aging of the lung. Aging, 2015, 7, 776-787.	3.1	13
124	Chronic Lung Disease in the Preterm Infant. Lessons Learned from Animal Models. American Journal of Respiratory Cell and Molecular Biology, 2014, 50, 233-245.	2.9	121
125	Pleiotropic Functions for Transcription Factor Zscan10. PLoS ONE, 2014, 9, e104568.	2.5	16
126	Cigarette smoke-induced iBALT mediates macrophage activation in a B cell-dependent manner in COPD. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2014, 307, L692-L706.	2.9	72

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127	The composition of cigarette smoke determines inflammatory cell recruitment to the lung in COPD mouse models. Clinical Science, 2014, 126, 207-221.	4.3	76
128	Tissue remodelling in chronic bronchial diseases: from the epithelial to mesenchymal phenotype. European Respiratory Review, 2014, 23, 118-130.	7.1	166
129	Small-animal dark-field radiography for pulmonary emphysema evaluation. , 2014, , .		3
130	TGF-Î² directs trafficking of the epithelial sodium channel ENaC which has implications for ion and fluid transport in acute lung injury. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E374-83.	7.1	129
131	Improved Diagnosis of Pulmonary Emphysema Using In Vivo Dark-Field Radiography. Investigative Radiology, 2014, 49, 653-658.	6.2	52
132	Efficient Bioactive Delivery of Aerosolized Drugs to Human Pulmonary Epithelial Cells Cultured in Airâ€“Liquid Interface Conditions. American Journal of Respiratory Cell and Molecular Biology, 2014, 51, 526-535.	2.9	92
133	Epigenetic mechanisms in COPD: implications for pathogenesis and drug discovery. Expert Opinion on Drug Discovery, 2014, 9, 609-628.	5.0	41
134	Cigarette smoke extract affects mitochondrial function in alveolar epithelial cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2014, 307, L895-L907.	2.9	103
135	New metrics for translational research. Lancet Respiratory Medicine,the, 2014, 2, e13-e14.	10.7	4
136	Cigarette Smokeâ€“Induced Disruption of Bronchial Epithelial Tight Junctions Is Prevented by Transforming Growth Factor-Î². American Journal of Respiratory Cell and Molecular Biology, 2014, 50, 1040-1052.	2.9	95
137	Epithelialâ€“mesenchymal transition in lung development and disease: does it exist and is it important?. Thorax, 2014, 69, 760-765.	5.6	245
138	Paired Immunoglobulin-Like Receptorâ€“B Inhibits Pulmonary Fibrosis by Suppressing Profibrogenic Properties of Alveolar Macrophages. American Journal of Respiratory Cell and Molecular Biology, 2013, 48, 456-464.	2.9	27
139	Comparison of Contrast-to-Noise Ratios of Transmission and Dark-Field Signal in Grating-Based X-ray Imaging for Healthy Murine Lung Tissue. Zeitschrift Fur Medizinische Physik, 2013, 23, 236-242.	1.5	24
140	Of flies, mice and men: a systematic approach to understanding the early life origins of chronic lung disease. Thorax, 2013, 68, 380-384.	5.6	34
141	Worsening respiratory function in mechanically ventilated intensive care patients: Feasibility and value of xenon-enhanced dual energy CT. European Journal of Radiology, 2013, 82, 557-562.	2.6	16
142	Abca3 haploinsufficiency is a risk factor for lung injury induced by hyperoxia or mechanical ventilation in a murine model. Pediatric Research, 2013, 74, 384-392.	2.3	12
143	Inflammatory and Oxidative Stress Responses of an Alveolar Epithelial Cell Line to Airborne Zinc Oxide Nanoparticles at the Air-Liquid Interface: A Comparison with Conventional, Submerged Cell-Culture Conditions. BioMed Research International, 2013, 2013, 1-12.	1.9	118
144	Pulmonary Emphysema Diagnosis with a Preclinical Small-Animal X-ray Dark-Field Scatter-Contrast Scanner. Radiology, 2013, 269, 427-433.	7.3	109

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145	High Mobility Group N Proteins Modulate the Fidelity of the Cellular Transcriptional Profile in a Tissue- and Variant-specific Manner. Journal of Biological Chemistry, 2013, 288, 16690-16703.	3.4	37
146	Mouse Nuclear Myosin I Knock-Out Shows Interchangeability and Redundancy of Myosin Isoforms in the Cell Nucleus. PLoS ONE, 2013, 8, e61406.	2.5	35
147	Gli1 Mediates Lung Cancer Cell Proliferation and Sonic Hedgehog-Dependent Mesenchymal Cell Activation. PLoS ONE, 2013, 8, e63226.	2.5	73
148	Diagnosing and Mapping Pulmonary Emphysema on X-Ray Projection Images: Incremental Value of Grating-Based X-Ray Dark-Field Imaging. PLoS ONE, 2013, 8, e59526.	2.5	44
149	Multiplex Profiling of Cellular Invasion in 3D Cell Culture Models. PLoS ONE, 2013, 8, e63121.	2.5	32
150	Acute cigarette smoke exposure impairs proteasome function in the lung. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2012, 303, L814-L823.	2.9	86
151	What shall we do with the damaged proteins in lung disease? Ask the proteasome!. European Respiratory Journal, 2012, 40, 1260-1268.	6.7	24
152	Efficient internalization and intracellular translocation of inhaled gold nanoparticles in rat alveolar macrophages. Nanomedicine, 2012, 7, 855-865.	3.3	35
153	Zyxin Is a Transforming Growth Factor-Î² (TGF-Î²)/Smad3 Target Gene That Regulates Lung Cancer Cell Motility via Integrin Î±5Î²1. Journal of Biological Chemistry, 2012, 287, 31393-31405.	3.4	61
154	New cellular and molecular mechanisms of lung injury and fibrosis in idiopathic pulmonary fibrosis. Lancet, The, 2012, 380, 680-688.	13.7	370
155	Ventilation imaging of the paranasal sinuses using xenon-enhanced dynamic single-energy CT and dual-energy CT: a feasibility study in a nasal cast. European Radiology, 2012, 22, 2110-2116.	4.5	5
156	Innovations in phenotyping of mouse models in the German Mouse Clinic. Mammalian Genome, 2012, 23, 611-622.	2.2	40
157	BDNF/TrkB Signaling Augments Smooth Muscle Cell Proliferation in Pulmonary Hypertension. American Journal of Pathology, 2012, 181, 2018-2029.	3.8	43
158	Next-generation personalized drug discovery: the tripeptide GHK hits center stage in chronic obstructive pulmonary disease. Genome Medicine, 2012, 4, 70.	8.2	16
159	Emphysema diagnosis using X-ray dark-field imaging at a laser-driven compact synchrotron light source. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 17880-17885.	7.1	167
160	The Impact of TGF-Î² on Lung Fibrosis. Proceedings of the American Thoracic Society, 2012, 9, 111-116.	3.5	530
161	Increased immunogenicity is an integral part of the heat shock response following renal ischemia. Cell Stress and Chaperones, 2012, 17, 385-397.	2.9	10
162	SFTA2â€"A Novel Secretory Peptide Highly Expressed in the Lungâ€"Is Modulated by Lipopolysaccharide but Not Hyperoxia. PLoS ONE, 2012, 7, e40011.	2.5	19

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163	High Throughput Determination of TGFÎ²1/SMAD3 Targets in A549 Lung Epithelial Cells. PLoS ONE, 2011, 6, e20319.	2.5	57
164	Inflammatory responses to pulmonary application of PEI-based siRNA nanocarriers in mice. Biomaterials, 2011, 32, 8694-8701.	11.4	37
165	The procoagulant effects of fine particulate matter in vivo. Particle and Fibre Toxicology, 2011, 8, 12.	6.2	14
166	Human lung stem cells: Oh, the places you'll go!. EMBO Molecular Medicine, 2011, 3, 575-577.	6.9	2
167	Dimethylarginine metabolism during acute and chronic rejection of rat renal allografts. Nephrology Dialysis Transplantation, 2011, 26, 124-135.	0.7	14
168	Activation of the WNT/Î²-Catenin Pathway Attenuates Experimental Emphysema. American Journal of Respiratory and Critical Care Medicine, 2011, 183, 723-733.	5.6	162
169	Terguride ameliorates monocrotaline-induced pulmonary hypertension in rats. European Respiratory Journal, 2011, 37, 1104-1118.	6.7	93
170	Role of von Hippelâ€Lindau protein in fibroblast proliferation and fibrosis. FASEB Journal, 2011, 25, 3032-3044.	0.5	24
171	Nrf2 Induces Interleukin-6 (IL-6) Expression via an Antioxidant Response Element within the IL-6 Promoter. Journal of Biological Chemistry, 2011, 286, 4493-4499.	3.4	109
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