Andreas GÃ¼nther

List of Publications by Year
in descending order

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91 papers	5,791 citations	101535 36 h-index	79691 73 g-index
98 all docs	98 docs citations	98 times ranked	7965 citing authors

#	Article	IF	Citations
1	Myeloid-cell-specific deletion of inducible nitric oxide synthase protects against smoke-induced pulmonary hypertension in mice. European Respiratory Journal, 2022, 59, 2101153.	6.7	13
2	Differential LysoTracker Uptake Defines Two Populations of Distal Epithelial Cells in Idiopathic Pulmonary Fibrosis. Cells, 2022, 11, 235.	4.1	6
3	Noncanonical HIPPO/MST Signaling via BUB3 and FOXO Drives Pulmonary Vascular Cell Growth and Survival. Circulation Research, 2022, 130, 760-778.	4.5	19
4	PACS2â€“TRPV1 axis is required for ERâ€“mitochondrial tethering during ER stress and lung fibrosis. Cellular and Molecular Life Sciences, 2022, 79, 151.	5.4	9
5	Targeting Histone Deacetylases in Idiopathic Pulmonary Fibrosis: A Future Therapeutic Option. Cells, 2022, 11, 1626.	4.1	22
6	Cell-Surface Programmed Death Ligand-1 Expression Identifies a Sub-Population of Distal Epithelial Cells Enriched in Idiopathic Pulmonary Fibrosis. Cells, 2022, 11, 1593.	4.1	11
7	Epigenetic reactivation of transcriptional programs orchestrating fetal lung development in human pulmonary hypertension. Science Translational Medicine, 2022, 14, .	12.4	15
8	Transcriptional Profiling of Insulin-like Growth Factor Signaling Components in Embryonic Lung Development and Idiopathic Pulmonary Fibrosis. Cells, 2022, 11, 1973.	4.1	4
9	Defective BACH1/HO-1 regulatory circuits in cystic fibrosis bronchial epithelial cells. Journal of Cystic Fibrosis, 2021, 20, 140-148.	0.7	10
10	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). Journal of Clinical Medicine, 2021, 10, 192.	2.4	7
11	Positioning of nucleosomes containing Î³-H2AX precedes active DNA demethylation and transcription initiation. Nature Communications, 2021, 12, 1072.	12.8	30
12	Identification of a novel subset of alveolar type 2 cells enriched in PD-L1 and expanded following pneumonectomy. European Respiratory Journal, 2021, 58, 2004168.	6.7	31
13	Pirfenidone in patients with progressive fibrotic interstitial lung diseases other than idiopathic pulmonary fibrosis (RELIEF): a double-blind, randomised, placebo-controlled, phase 2b trial. Lancet Respiratory Medicine,the, 2021, 9, 476-486.	10.7	254
14	Adenylate Kinase 4â€”A Key Regulator of Proliferation and Metabolic Shift in Human Pulmonary Arterial Smooth Muscle Cells via Akt and HIF-1Î± Signaling Pathways. International Journal of Molecular Sciences, 2021, 22, 10371.	4.1	11
15	Small extracellular vesicleâ€derived miRâ€574â€5p regulates PGE2â€biosynthesis via TLR7/8 in lung cancer. Journal of Extracellular Vesicles, 2021, 10, e12143.	12.2	21
16	Interferon Regulatory Factor 9 Promotes Lung Cancer Progression via Regulation of Versican. Cancers, 2021, 13, 208.	3.7	10
17	Angiotensin II receptor blocker intake associates with reduced markers of inflammatory activation and decreased mortality in patients with cardiovascular comorbidities and COVID-19 disease. PLoS ONE, 2021, 16, e0258684.	2.5	5
18	The Collaborative Metadata Repository (CoMetaR) Web App: Quantitative and Qualitative Usability Evaluation. JMIR Medical Informatics, 2021, 9, e30308.	2.6	2

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19	Assessing the Effectiveness of Pirfenidone in Idiopathic Pulmonary Fibrosis: Long-Term, Real-World Data from European IPF Registry (eurIPFreg). Journal of Clinical Medicine, 2020, 9, 3763.	2.4	11
20	A FOX-like Mechanism Regulating Lung Fibroblasts: Are We Getting There?. American Journal of Respiratory Cell and Molecular Biology, 2020, 63, 723-724.	2.9	1
21	NADPH oxidase subunit NOXO1 is a target for emphysema treatment in COPD. Nature Metabolism, 2020, 2, 532-546.	11.9	23
22	Long Noncoding RNA TYKRIL Plays a Role in Pulmonary Hypertension via the p53-mediated Regulation of PDGFRÎ². American Journal of Respiratory and Critical Care Medicine, 2020, 202, 1445-1457.	5.6	45
23	Chemosensory Cell-Derived Acetylcholine Drives Tracheal Mucociliary Clearance in Response to Virulence-Associated Formyl Peptides. Immunity, 2020, 52, 683-699.e11.	14.3	63
24	Multilineage murine stem cells generate complex organoids to model distal lung development and disease. EMBO Journal, 2020, 39, e103476.	7.8	44
25	Clinical characteristics of patients with familial idiopathic pulmonary fibrosis (f-IPF). BMC Pulmonary Medicine, 2019, 19, 130.	2.0	32
26	Metformin induces lipogenic differentiation in myofibroblasts to reverse lung fibrosis. Nature Communications, 2019, 10, 2987.	12.8	181
27	Proteasome activator PA200 regulates myofibroblast differentiation. Scientific Reports, 2019, 9, 15224.	3.3	14
28	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. Journal of Clinical Medicine, 2019, 8, 1698.	2.4	20
29	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
30	Inactivation of nuclear histone deacetylases by EP300 disrupts the MiCEE complex in idiopathic pulmonary fibrosis. Nature Communications, 2019, 10, 2229.	12.8	53
31	Exhalative Breath Markers Do Not Offer for Diagnosis of Interstitial Lung Diseases: Data from the European IPF Registry (eurIPFreg) and Biobank. Journal of Clinical Medicine, 2019, 8, 643.	2.4	9
32	Regulation and role of the ER stress transcription factor CHOP in alveolar epithelial type-II cells. Journal of Molecular Medicine, 2019, 97, 973-990.	3.9	31
33	Psychometric properties and minimal important differences of SF-36 in Idiopathic Pulmonary Fibrosis. Respiratory Research, 2019, 20, 47.	3.6	31
34	Lung CT Densitometry in Idiopathic Pulmonary Fibrosis for the Prediction of Natural Course, Severity, and Mortality. Chest, 2019, 155, 972-981.	0.8	32
35	WNT/RYK signaling restricts goblet cell differentiation during lung development and repair. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 25697-25706.	7.1	35
36	Verifying Data Integration Configurations for Semantical Correctness and Completeness. Studies in Health Technology and Informatics, 2019, 267, 66-73.	0.3	2

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37	Provenance for Biomedical Ontologies with RDF and Git. Studies in Health Technology and Informatics, 2019, 267, 230-237.	0.3	4
38	Hermansky-Pudlak syndrome type 2 manifests with fibrosing lung disease early in childhood. Orphanet Journal of Rare Diseases, 2018, 13, 42.	2.7	33
39	Cellâ€specific expression of runtâ€related transcription factor 2 contributes to pulmonary fibrosis. FASEB Journal, 2018, 32, 703-716.	0.5	28
40	FoxO3 an important player in fibrogenesis and therapeutic target for idiopathic pulmonary fibrosis. EMBO Molecular Medicine, 2018, 10, 276-293.	6.9	85
41	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. PLoS ONE, 2018, 13, e0207915.	2.5	38
42	Myh10 deficiency leads to defective extracellular matrix remodeling and pulmonary disease. Nature Communications, 2018, 9, 4600.	12.8	27
43	The European IPF registry (eurIPFreg): baseline characteristics and survival of patients with idiopathic pulmonary fibrosis. Respiratory Research, 2018, 19, 141.	3.6	199
44	Increased Extracellular Vesicles Mediate WNT5A Signaling in Idiopathic Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 1527-1538.	5.6	127
45	Using RDF and Git to Realize a Collaborative Metadata Repository. Studies in Health Technology and Informatics, 2018, 247, 556-560.	0.3	1
46	Metadata Import from RDF to i2b2. Studies in Health Technology and Informatics, 2018, 253, 40-44.	0.3	2
47	Noncanonical WNT-5A signaling impairs endogenous lung repair in COPD. Journal of Experimental Medicine, 2017, 214, 143-163.	8.5	122
48	Senolytic drugs targetÂalveolar epithelial cell function and attenuate experimental lung fibrosisex vivo. European Respiratory Journal, 2017, 50, 1602367.	6.7	267
49	Antacid therapy in idiopathic pulmonary fibrosis: more questions than answers?. Lancet Respiratory Medicine,the, 2017, 5, 591-598.	10.7	71
50	Two-Way Conversion between Lipogenic and Myogenic Fibroblastic Phenotypes Marks the Progression and Resolution of Lung Fibrosis. Cell Stem Cell, 2017, 20, 261-273.e3.	11.1	217
51	Exploring efficacy and safety of oral Pirfenidone for progressive, non-IPF lung fibrosis (RELIEF) - a randomized, double-blind, placebo-controlled, parallel group, multi-center, phase II trial. BMC Pulmonary Medicine, 2017, 17, 122.	2.0	94
52	Tubastatin ameliorates pulmonary fibrosis by targeting the TGFÎ²-PI3K-Akt pathway. PLoS ONE, 2017, 12, e0186615.	2.5	76
53	Nonâ€invasive lung cancer diagnosis by detection of <scp>GATA</scp>6 and <scp>NKX</scp>2â€1 isoforms in exhaled breath condensate. EMBO Molecular Medicine, 2016, 8, 1380-1389.	6.9	29
54	The role of Endoplasmic Reticulum (ER) stress in pulmonary fibrosis. Endoplasmic Reticulum Stress in Diseases, 2016, 3, .	0.2	2

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55	MAP1LC3B overexpression protects against Hermansky-Pudlak syndrome type-1-induced defective autophagy in vitro. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 310, L519-L531.	2.9	25
56	A small molecule neutrophil elastase inhibitor, KRP-109, inhibits cystic fibrosis mucin degradation. Journal of Cystic Fibrosis, 2016, 15, 325-331.	0.7	11
57	Regulation of Immunoproteasome Function in the Lung. Scientific Reports, 2015, 5, 10230.	3.3	64
58	Regulation of macroautophagy in amiodaroneâ€induced pulmonary fibrosis. Journal of Pathology: Clinical Research, 2015, 1, 252-263.	3.0	27
59	Altered protease and antiprotease balance during a COPD exacerbation contributes to mucus obstruction. Respiratory Research, 2015, 16, 85.	3.6	23
60	Regulation of 26S Proteasome Activity in Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2015, 192, 1089-1101.	5.6	38
61	Linking progression of fibrotic lung remodeling and ultrastructural alterations of alveolar epithelial type II cells in the amiodarone mouse model. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 309, L63-L75.	2.9	29
62	Aberrant expression and activity of histone deacetylases in sporadic idiopathic pulmonary fibrosis. Thorax, 2015, 70, 1022-1032.	5.6	106
63	Forkhead Box F1 represses cell growth and inhibits COL1 and ARPC2 expression in lung fibroblasts in vitro. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2014, 307, L838-L847.	2.9	30
64	Altered Surfactant Homeostasis and Alveolar Epithelial Cell Stress in Amiodarone-Induced Lung Fibrosis. Toxicological Sciences, 2014, 142, 285-297.	3.1	40
65	Impaired TLR4 and HIF expression in cystic fibrosis bronchial epithelial cells downregulates hemeoxygenase-1 and alters iron homeostasis in vitro. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2014, 307, L791-L799.	2.9	32
66	Biophysical inhibition of pulmonary surfactant function by polymeric nanoparticles: Role of surfactant protein B and C. Acta Biomaterialia, 2014, 10, 4678-4684.	8.3	25
67	Comparative proteome analysis of lung tissue from patients with idiopathic pulmonary fibrosis (IPF), non-specific interstitial pneumonia (NSIP) and organ donors. Journal of Proteomics, 2013, 85, 109-128.	2.4	64
68	Pivotal Role of Matrix Metalloproteinase 13 in Extracellular Matrix Turnover in Idiopathic Pulmonary Fibrosis. PLoS ONE, 2013, 8, e73279.	2.5	77
69	Unravelling the progressive pathophysiology of idiopathic pulmonary fibrosis. European Respiratory Review, 2012, 21, 152-160.	7.1	122
70	Comparative Proteomic Analysis of Lung Tissue from Patients with Idiopathic Pulmonary Fibrosis (IPF) and Lung Transplant Donor Lungs. Journal of Proteome Research, 2011, 10, 2185-2205.	3.7	80
71	Biophysical investigation of pulmonary surfactant surface properties upon contact with polymeric nanoparticles in vitro. Nanomedicine: Nanotechnology, Biology, and Medicine, 2011, 7, 341-350.	3.3	97
72	Shedding of Low-Density Lipoprotein Receptorâ€“related Protein-1 in Acute Respiratory Distress Syndrome. American Journal of Respiratory and Critical Care Medicine, 2011, 184, 438-448.	5.6	36

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73	Ectopic respiratory epithelial cell differentiation in bronchiolised distal airspaces in idiopathic pulmonary fibrosis. Thorax, 2011, 66, 651-657.	5.6	159
74	The Role of Dimethylarginine Dimethylaminohydrolase in Idiopathic Pulmonary Fibrosis. Science Translational Medicine, 2011, 03, 87ra53.	12.4	59
75	Effects of phosphodiesterase 4 inhibition on bleomycin-induced pulmonary fibrosis in mice. BMC Pulmonary Medicine, 2010, 10, 26.	2.0	38
76	Phosphodiesterase 6 subunits are expressed and altered in idiopathic pulmonary fibrosis. Respiratory Research, 2010, 11, 146.	3.6	22
77	Expression and Activity of Phosphodiesterase Isoforms during Epithelial Mesenchymal Transition: The Role of Phosphodiesterase 4. Molecular Biology of the Cell, 2009, 20, 4751-4765.	2.1	84
78	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. Antioxidants and Redox Signaling, 2009, 11, 227-240.	5.4	46
79	WNT1-inducible signaling proteinâ€“1 mediates pulmonary fibrosis in mice and is upregulated in humans with idiopathic pulmonary fibrosis. Journal of Clinical Investigation, 2009, 119, 772-87.	8.2	447
80	Epithelial Endoplasmic Reticulum Stress and Apoptosis in Sporadic Idiopathic Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2008, 178, 838-846.	5.6	447
81	Current view on alveolar coagulation and fibrinolysis in acute inflammatory and chronic interstitial lung diseases. Thrombosis and Haemostasis, 2008, 99, 494-501.	3.4	83
82	Raised protein levels and altered cellular expression of factor VII activating protease (FSAP) in the lungs of patients with acute respiratory distress syndrome (ARDS). Thorax, 2007, 62, 880-888.	5.6	30
83	Patients with ARDS show improvement but not normalisation of alveolar surface activity with surfactant treatment: putative role of neutral lipids. Thorax, 2007, 62, 588-594.	5.6	66
84	Chronic Sildenafil Treatment Inhibits Monocrotaline-induced Pulmonary Hypertension in Rats. American Journal of Respiratory and Critical Care Medicine, 2004, 169, 39-45.	5.6	230
85	Surfactant abnormalities after single lung transplantation in dogs: impact of bronchoscopic surfactant administration. Journal of Thoracic and Cardiovascular Surgery, 2004, 127, 344-354.	0.8	30
86	Synthetic and natural surfactant differentially modulate inflammation after meconium aspiration. Intensive Care Medicine, 2003, 29, 2247-2254.	8.2	22
87	Prevention of Bleomycin-induced Lung Fibrosis by Aerosolization of Heparin or Urokinase in Rabbits. American Journal of Respiratory and Critical Care Medicine, 2003, 168, 1358-1365.	5.6	167
88	Surfactant alteration and replacement in acute respiratory distress syndrome. Respiratory Research, 2001, 2, 353.	3.6	199
89	Pulmonary surfactant: functions, abnormalities and therapeutic options. Intensive Care Medicine, 2001, 27, 1699-1717.	8.2	141
90	Pathophysiology of Acute Lung Injury. Seminars in Respiratory and Critical Care Medicine, 2001, 22, 247-258.	2.1	34

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91	Cleavage of Surfactant-Incorporating Fibrin by Different Fibrinolytic Agents. American Journal of Respiratory Cell and Molecular Biology, 1999, 21, 738-745.	2.9	14