

Alejandro P Comellas

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7909472/publications.pdf>

Version: 2024-02-01

152
papers

4,599
citations

116194

36
h-index

162838

57
g-index

161
all docs

161
docs citations

161
times ranked

6834
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative Impact of Depressive Symptoms and FEV ₁ % on Chronic Obstructive Pulmonary Disease. <i>Annals of the American Thoracic Society</i> , 2022, 19, 171-178.	1.5	7
2	Clinically Significant and Comorbid Anxiety and Depression Symptoms Predict Severe Respiratory Exacerbations in Smokers: A Post Hoc Analysis of the COPDGene and SPIROMICS Cohorts. <i>Annals of the American Thoracic Society</i> , 2022, 19, 143-146.	1.5	6
3	Urban Particulate Matter Impairment of Airway Surface Liquid-Mediated Coronavirus Inactivation. <i>Journal of Infectious Diseases</i> , 2022, 225, 214-218.	1.9	4
4	Alpha-1 Antitrypsin MZ Heterozygosity Is an Endotype of Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 205, 313-323.	2.5	21
5	Identification of Sputum Biomarkers Predictive of Pulmonary Exacerbations in COPD. <i>Chest</i> , 2022, 161, 1239-1249.	0.4	20
6	Forced Expiratory Flow at 25%-75% Links COPD Physiology to Emphysema and Disease Severity in the SPIROMICS Cohort. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2022, 9, 111-121.	0.5	6
7	Clinical Phenotypes of Cystic Fibrosis Carriers. <i>Annual Review of Medicine</i> , 2022, 73, 563-574.	5.0	17
8	Reconsidering the Utility of Race-Specific Lung Function Prediction Equations. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 205, 819-829.	2.5	63
9	Quantitative Chest CT Assessment of Small Airways Disease in Post-Acute SARS-CoV-2 Infection. <i>Radiology</i> , 2022, 304, 185-192.	3.6	57
10	Ambient ozone effects on respiratory outcomes among smokers modified by neighborhood poverty: An analysis of SPIROMICS AIR. <i>Science of the Total Environment</i> , 2022, 829, 154694.	3.9	9
11	A Metabolomic Severity Score for Airflow Obstruction and Emphysema. <i>Metabolites</i> , 2022, 12, 368.	1.3	8
12	Lung Microbiota and Metabolites Collectively Associate with Clinical Outcomes in Milder Stage Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 206, 427-439.	2.5	31
13	Post-COVID-19 Vocal Cord Dysfunction. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 206, e4-e6.	2.5	5
14	Vitamin D-mediated effects on airway innate immunity in vitro. <i>PLoS ONE</i> , 2022, 17, e0269647.	1.1	4
15	Contribution of Individual and Neighborhood Factors to Racial Disparities in Respiratory Outcomes. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 203, 987-997.	2.5	38
16	A CT-Based Automated Algorithm for Airway Segmentation Using Freeze-and-Grow Propagation and Deep Learning. <i>IEEE Transactions on Medical Imaging</i> , 2021, 40, 405-418.	5.4	17
17	Mucus Plugs and Emphysema in the Pathophysiology of Airflow Obstruction and Hypoxemia in Smokers. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 203, 957-968.	2.5	71
18	Preserved Ratio Impaired Spirometry in a Spirometry Database. <i>Respiratory Care</i> , 2021, 66, 58-65.	0.8	29

#	ARTICLE	IF	CITATIONS
19	Age-Dependent Associations Between 25-Hydroxy Vitamin D Levels and COPD Symptoms: Analysis of SPIROMICS. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2021, 8, 277-291.	0.5	1
20	Polycythemia is Associated with Lower Incidence of Severe COPD Exacerbations in the SPIROMICS Study. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2021, 8, 326-335.	0.5	0
21	Defining Resilience to Smoking Related Lung Disease: A Modified Delphi Approach from SPIROMICS. <i>Annals of the American Thoracic Society</i> , 2021, 18, 1822-1831.	1.5	5
22	Lung microbiota associations with clinical features of COPD in the SPIROMICS cohort. <i>Npj Biofilms and Microbiomes</i> , 2021, 7, 14.	2.9	33
23	Inhaled Medication Use in Smokers With Normal Spirometry. <i>Respiratory Care</i> , 2021, 66, 652-660.	0.8	0
24	Association Between Rural Residence and In-Hospital and 30-Day Mortality Among Veterans Hospitalized with COPD Exacerbations. <i>International Journal of COPD</i> , 2021, Volume 16, 191-202.	0.9	7
25	Generalizability of a deep learning airway segmentation algorithm to a blinded low-dose CT dataset. , 2021, , .		1
26	The influence of social support on COPD outcomes mediated by depression. <i>PLoS ONE</i> , 2021, 16, e0245478.	1.1	8
27	Quantitative μ CT-Based Methods for Bone Microstructural Measures and Their Relationships With Vertebral Fractures in a Pilot Study on Smokers. <i>JBMR Plus</i> , 2021, 5, e10484.	1.3	6
28	Latent traits of lung tissue patterns in former smokers derived by dual channel deep learning in computed tomography images. <i>Scientific Reports</i> , 2021, 11, 4916.	1.6	12
29	Soluble receptor for advanced glycation end products (sRAGE) as a biomarker of COPD. <i>Respiratory Research</i> , 2021, 22, 127.	1.4	26
30	Disparities in access to food and chronic obstructive pulmonary disease (COPD)-related outcomes: a cross-sectional analysis. <i>BMC Pulmonary Medicine</i> , 2021, 21, 139.	0.8	5
31	Genetic and non-genetic factors affecting the expression of COVID-19-relevant genes in the large airway epithelium. <i>Genome Medicine</i> , 2021, 13, 66.	3.6	21
32	Longitudinal Imaging-Based Clusters in Former Smokers of the COPD Cohort Associate with Clinical Characteristics: The SubPopulations and Intermediate Outcome Measures in COPD Study (SPIROMICS). <i>International Journal of COPD</i> , 2021, Volume 16, 1477-1496.	0.9	8
33	Emphysema Progression and Lung Function Decline Among Angiotensin Converting Enzyme Inhibitors and Angiotensin-Receptor Blockade Users in the COPD Gene Cohort. <i>Chest</i> , 2021, 160, 1245-1254.	0.4	9
34	Discordant Quantitative and Visual CT Assessments in the Diagnosis of Emphysema. <i>International Journal of COPD</i> , 2021, Volume 16, 1231-1242.	0.9	9
35	Ratio of FEV1/Slow Vital Capacity of ≤ 0.7 Is Associated With Clinical, Functional, and Radiologic Features of Obstructive Lung Disease in Smokers With Preserved Lung Function. <i>Chest</i> , 2021, 160, 94-103.	0.4	8
36	Pulmonary Arterial Pruning and Longitudinal Change in Percent Emphysema and Lung Function. <i>Chest</i> , 2021, 160, 470-480.	0.4	17

#	ARTICLE	IF	CITATIONS
37	Case Studies in Physiology: Temporal variations of the lung parenchyma and vasculature in asymptomatic COVID-19 pneumonia: a multispectral CT assessment. <i>Journal of Applied Physiology</i> , 2021, 131, 454-463.	1.2	5
38	Indoor Air Pollution and Susceptibility to Tuberculosis Infection in Urban Vietnamese Children. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 204, 1211-1221.	2.5	14
39	Impact of COVID-19 on Clinical Research Units (CRUs). <i>Journal of Clinical and Translational Science</i> , 2021, 5, e167.	0.3	5
40	The Association Between Lung Hyperinflation and Coronary Artery Disease in Smokers. <i>Chest</i> , 2021, 160, 858-871.	0.4	7
41	Racial Segregation and Respiratory Outcomes among Urban Black Residents with and at Risk of Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 204, 536-545.	2.5	17
42	Increased mortality associated with frequent exacerbations in COPD patients with mild-to-moderate lung function impairment, and smokers with normal spirometry. <i>Respiratory Medicine: X</i> , 2021, 3, 100025.	1.4	3
43	Quantitative CT imaging and advanced visualization methods: potential application in novel coronavirus disease 2019 (COVID-19) pneumonia. <i>BJR Open</i> , 2021, 3, 20200043.	0.4	12
44	Post-acute COVID-19 functional movement disorder. <i>SAGE Open Medical Case Reports</i> , 2021, 9, 2050313X2110393.	0.2	10
45	Disease Progression Modeling in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 201, 294-302.	2.5	56
46	Cystic fibrosis carriers are at increased risk for a wide range of cystic fibrosis-related conditions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 1621-1627.	3.3	111
47	Association of Long-term Ambient Ozone Exposure With Respiratory Morbidity in Smokers. <i>JAMA Internal Medicine</i> , 2020, 180, 106.	2.6	49
48	The Cardiovascular Effects of Treatment with Hydroxychloroquine and Azithromycin. <i>Pharmacotherapy</i> , 2020, 40, 978-983.	1.2	4
49	Increased airway iron parameters and risk for exacerbation in COPD: an analysis from SPIROMICS. <i>Scientific Reports</i> , 2020, 10, 10562.	1.6	14
50	Lung function of primary cooks using LPG or biomass and the effect of particulate matter on airway epithelial barrier integrity. <i>Environmental Research</i> , 2020, 189, 109888.	3.7	11
51	Lung-Specific Risk Factors Associated With Incident Hip Fracture in Current and Former Smokers. <i>Journal of Bone and Mineral Research</i> , 2020, 35, 1952-1961.	3.1	6
52	Seasonal Antimicrobial Activity of the Airway: Post-Hoc Analysis of a Randomized Placebo-Controlled Double-Blind Trial. <i>Nutrients</i> , 2020, 12, 2602.	1.7	5
53	The Reversion of cg05575921 Methylation in Smoking Cessation: A Potential Tool for Incentivizing Healthy Aging. <i>Genes</i> , 2020, 11, 1415.	1.0	13
54	<p>>Defining Chronic Mucus Hypersecretion Using the CAT in the SPIROMICS Cohort</p>>. <i>International Journal of COPD</i> , 2020, Volume 15, 2467-2476.	0.9	11

#	ARTICLE	IF	CITATIONS
55	Comparison of Proteomic Assessment Methods in Multiple Cohort Studies. <i>Proteomics</i> , 2020, 20, e1900278.	1.3	103
56	Locally Adaptive Half-Max Methods for Airway Lumen-Area and Wall-Thickness and Their Repeat CT Scan Reproducibility. , 2020, 2020, .		0
57	Mechanism of ambient particulate matter and respiratory infections. <i>Journal of Thoracic Disease</i> , 2020, 12, 134-136.	0.6	8
58	Continuous in-home PM2.5 concentrations of smokers with and without a history of respiratory exacerbations in Iowa, during and after an air purifier intervention. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2020, 30, 778-784.	1.8	2
59	Low FVC/TLC in Preserved Ratio Impaired Spirometry (PRISm) is associated with features of and progression to obstructive lung disease. <i>Scientific Reports</i> , 2020, 10, 5169.	1.6	24
60	Allelic Heterogeneity at the CRP Locus Identified by Whole-Genome Sequencing in Multi-ancestry Cohorts. <i>American Journal of Human Genetics</i> , 2020, 106, 112-120.	2.6	9
61	Associations Among 25-Hydroxyvitamin D Levels, Lung Function, and Exacerbation Outcomes in COPD. <i>Chest</i> , 2020, 157, 856-865.	0.4	35
62	Clinical Phenotypes of Atopy and Asthma in COPD. <i>Chest</i> , 2020, 158, 2333-2345.	0.4	19
63	Association of urine mitochondrial DNA with clinical measures of COPD in the SPIROMICS cohort. <i>JCI Insight</i> , 2020, 5, .	2.3	37
64	Plasma Cathelicidin is Independently Associated with Reduced Lung Function in COPD: Analysis of the Subpopulations and Intermediate Outcome Measures in COPD Study Cohort. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2020, 7, 370-381.	0.5	5
65	A Risk Prediction Model for Mortality Among Smokers in the COPDGene® Study. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2020, 7, 346-361.	0.5	9
66	<p>The Association Between Neighborhood Socioeconomic Disadvantage and Chronic Obstructive Pulmonary Disease</p>. <i>International Journal of COPD</i> , 2020, Volume 15, 981-993.	0.9	27
67	Registration-Invariant Biomechanical Features for Disease Staging of COPD in SPIROMICS. <i>Lecture Notes in Computer Science</i> , 2020, , 143-154.	1.0	3
68	Biomarkers Predictive of Exacerbations in the SPIROMICS and COPDGene Cohorts. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 201, 473-481.	2.5	1
69	Anatomical labeling of human airway branches using a novel two-step machine learning and hierarchical features. , 2020, 11313, .		1
70	Serum amino acid concentrations and clinical outcomes in smokers: SPIROMICS metabolomics study. <i>Scientific Reports</i> , 2019, 9, 11367.	1.6	20
71	Imaging-based clusters in former smokers of the COPD cohort associate with clinical characteristics: the SubPopulations and intermediate outcome measures in COPD study (SPIROMICS). <i>Respiratory Research</i> , 2019, 20, 153.	1.4	25
72	PREVALENCE OF PRISM IN SPIROMETRY DATABASE. <i>Chest</i> , 2019, 156, A1028-A1029.	0.4	0

#	ARTICLE	IF	CITATIONS
73	Radiographic lung volumes predict progression to COPD in smokers with preserved spirometry in SPIROMICS. <i>European Respiratory Journal</i> , 2019, 54, 1802214.	3.1	29
74	Aspirin Use and Respiratory Morbidity in COPD. <i>Chest</i> , 2019, 155, 519-527.	0.4	25
75	The St. George's Respiratory Questionnaire Definition of Chronic Bronchitis May Be a Better Predictor of COPD Exacerbations Compared With the Classic Definition. <i>Chest</i> , 2019, 156, 685-695.	0.4	40
76	Combined Forced Expiratory Volume in 1 Second and Forced Vital Capacity Bronchodilator Response, Exacerbations, and Mortality in Chronic Obstructive Pulmonary Disease. <i>Annals of the American Thoracic Society</i> , 2019, 16, 826-835.	1.5	41
77	Systemic Markers of Inflammation in Smokers With Symptoms Despite Preserved Spirometry in SPIROMICS. <i>Chest</i> , 2019, 155, 908-917.	0.4	18
78	QUANTITATIVE AND VISUAL CT ASSESSMENTS IN THE DIAGNOSIS OF EMPHYSEMA: A COPDGENE SINGLE-CENTER ANALYSIS. <i>Chest</i> , 2019, 156, A1747.	0.4	0
79	Alignment of Inhaled Chronic Obstructive Pulmonary Disease Therapies with Published Strategies. Analysis of the Global Initiative for Chronic Obstructive Lung Disease Recommendations in SPIROMICS. <i>Annals of the American Thoracic Society</i> , 2019, 16, 200-208.	1.5	31
80	Indoor Particulate Matter From Smoker Homes Induces Bacterial Growth, Biofilm Formation, and Impairs Airway Antimicrobial Activity. A Pilot Study. <i>Frontiers in Public Health</i> , 2019, 7, 418.	1.3	7
81	COPDGene® 2019: Redefining the Diagnosis of Chronic Obstructive Pulmonary Disease. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2019, 6, 384-399.	0.5	112
82	A Novel Method of Collecting and Chemically Characterizing Milligram Quantities of Indoor Airborne Particulate Matter. <i>Aerosol and Air Quality Research</i> , 2019, 19, 2387-2395.	0.9	6
83	Inhibition of the mitochondrial calcium uniporter prevents IL-13 and allergen-mediated airway epithelial apoptosis and loss of barrier function. <i>Experimental Cell Research</i> , 2018, 362, 400-411.	1.2	20
84	Airway surface liquid from smokers promotes bacterial growth and biofilm formation via iron-lactoferrin imbalance. <i>Respiratory Research</i> , 2018, 19, 42.	1.4	24
85	Blood eosinophil count thresholds and exacerbations in patients with chronic obstructive pulmonary disease. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 2037-2047.e10.	1.5	138
86	Rural Residence and Chronic Obstructive Pulmonary Disease Exacerbations. Analysis of the SPIROMICS Cohort. <i>Annals of the American Thoracic Society</i> , 2018, 15, 808-816.	1.5	32
87	An airway epithelial IL-17A response signature identifies a steroid-unresponsive COPD patient subgroup. <i>Journal of Clinical Investigation</i> , 2018, 129, 169-181.	3.9	77
88	CFTR Heterozygotes Are at Increased Risk of Respiratory Infections: A Population-Based Study. <i>Open Forum Infectious Diseases</i> , 2018, 5, ofy219.	0.4	18
89	Imaging-based clusters in current smokers of the COPD cohort associate with clinical characteristics: the SubPopulations and Intermediate Outcome Measures in COPD Study (SPIROMICS). <i>Respiratory Research</i> , 2018, 19, 178.	1.4	20
90	CT-measured lung air-trapping is associated with higher carotid artery stiffness in individuals with chronic obstructive pulmonary disease. <i>Journal of Applied Physiology</i> , 2018, 125, 1760-1766.	1.2	4

#	ARTICLE	IF	CITATIONS
91	Occupational Exposures and Computed Tomographic Imaging Characteristics in the SPIROMICS Cohort. <i>Annals of the American Thoracic Society</i> , 2018, 15, 1411-1419.	1.5	27
92	Lower serum IgA is associated with COPD exacerbation risk in SPIROMICS. <i>PLoS ONE</i> , 2018, 13, e0194924.	1.1	25
93	Anemia and Adverse Outcomes in a Chronic Obstructive Pulmonary Disease Population with a High Burden of Comorbidities. An Analysis from SPIROMICS. <i>Annals of the American Thoracic Society</i> , 2018, 15, 710-717.	1.5	32
94	Longitudinal Phenotypes and Mortality in Preserved Ratio Impaired Spirometry in the COPD Gene Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, 1397-1405.	2.5	132
95	The Association Between Technology Use and Health Status in a Chronic Obstructive Pulmonary Disease Cohort: Multi-Method Study. <i>Journal of Medical Internet Research</i> , 2018, 20, e125.	2.1	22
96	Long-Acting Beta-Agonist Use is Associated with Lower Carotid Artery Stiffness and Greater Carotid Artery Compliance in Individuals with Chronic Obstructive Pulmonary Disease. <i>FASEB Journal</i> , 2018, 32, 843.14.	0.2	0
97	Respiratory Symptoms Items from the COPD Assessment Test Identify Ever-Smokers with Preserved Lung Function at Higher Risk for Poor Respiratory Outcomes. An Analysis of the Subpopulations and Intermediate Outcome Measures in COPD Study Cohort. <i>Annals of the American Thoracic Society</i> , 2017, 14, 636-642.	1.5	30
98	A four-dimensional computed tomography comparison of healthy and asthmatic human lungs. <i>Journal of Biomechanics</i> , 2017, 56, 102-110.	0.9	23
99	Cystic Fibrosis Transmembrane Conductance Regulator Potentiation as a Therapeutic Strategy for Pulmonary Edema. <i>Critical Care Medicine</i> , 2017, 45, e1240-e1246.	0.4	9
100	Design of the Subpopulations and Intermediate Outcome Measures in COPD (SPIROMICS) AIR Study. <i>BMJ Open Respiratory Research</i> , 2017, 4, e000186.	1.2	21
101	Differentiation of quantitative CT imaging phenotypes in asthma versus COPD. <i>BMJ Open Respiratory Research</i> , 2017, 4, e000252.	1.2	30
102	Association of sputum and blood eosinophil concentrations with clinical measures of COPD severity: an analysis of the SPIROMICS cohort. <i>Lancet Respiratory Medicine</i> , 2017, 5, 956-967.	5.2	211
103	Higher BMI is associated with higher expiratory airflow normalised for lung volume (FEF ₂₅₋₇₅ /FVC) in COPD. <i>BMJ Open Respiratory Research</i> , 2017, 4, e000231.	1.2	18
104	Effect of vitamin D on the antimicrobial activity of human airway surface liquid: preliminary results of a randomised placebo-controlled double-blind trial. <i>BMJ Open Respiratory Research</i> , 2017, 4, e000211.	1.2	40
105	Frequency of exacerbations in patients with chronic obstructive pulmonary disease: an analysis of the SPIROMICS cohort. <i>Lancet Respiratory Medicine</i> , 2017, 5, 619-626.	5.2	219
106	Predictive value of prebronchodilator and postbronchodilator spirometry for COPD features and outcomes. <i>BMJ Open Respiratory Research</i> , 2017, 4, e000213.	1.2	29
107	The value of blood cytokines and chemokines in assessing COPD. <i>Respiratory Research</i> , 2017, 18, 180.	1.4	83
108	Effects of Coal Fly Ash Particulate Matter on the Antimicrobial Activity of Airway Surface Liquid. <i>Environmental Health Perspectives</i> , 2017, 125, 077003.	2.8	30

#	ARTICLE	IF	CITATIONS
109	Antibody deficiency in patients with frequent exacerbations of Chronic Obstructive Pulmonary Disease (COPD). PLoS ONE, 2017, 12, e0172437.	1.1	45
110	Identifying Patients With COPD at High Risk of Readmission. Chronic Obstructive Pulmonary Diseases (Miami, Fla), 2016, 3, 729-738.	0.5	35
111	Persistent and Newly Developed Chronic Bronchitis Are Associated with Worse Outcomes in Chronic Obstructive Pulmonary Disease. Annals of the American Thoracic Society, 2016, 13, 1016-1025.	1.5	36
112	Protein Kinase C δ Inhibitor Promotes Resolution of Bleomycin-Induced Acute Lung Injury. American Journal of Respiratory Cell and Molecular Biology, 2016, 55, 869-877.	1.4	5
113	Electrolyte transport properties in distal small airways from cystic fibrosis pigs with implications for host defense. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 310, L670-L679.	1.3	44
114	A genome-wide analysis of the response to inhaled β_2 -agonists in chronic obstructive pulmonary disease. Pharmacogenomics Journal, 2016, 16, 326-335.	0.9	27
115	Common Genetic Polymorphisms Influence Blood Biomarker Measurements in COPD. PLoS Genetics, 2016, 12, e1006011.	1.5	88
116	Comparison between an Alternative and the Classic Definition of Chronic Bronchitis in COPD. Annals of the American Thoracic Society, 2015, 12, 332-339.	1.5	65
117	Genetic susceptibility for chronic bronchitis in chronic obstructive pulmonary disease. Respiratory Research, 2014, 15, 113.	1.4	51
118	The association of plasma biomarkers with computed tomography-assessed emphysema phenotypes. Respiratory Research, 2014, 15, 127.	1.4	61
119	Clinical and computed tomographic predictors of chronic bronchitis in COPD: a cross sectional analysis of the COPDGene study. Respiratory Research, 2014, 15, 52.	1.4	86
120	Iron oxide nanoparticles induce Pseudomonas aeruginosa growth, induce biofilm formation, and inhibit antimicrobial peptide function. Environmental Science: Nano, 2014, 1, 123.	2.2	96
121	Prediction of Acute Respiratory Disease in Current and Former Smokers With and Without COPD. Chest, 2014, 146, 941-950.	0.4	71
122	Role of PON in Anoxia-Reoxygenation Injury: A Drosophila Melanogaster Transgenic Model. PLoS ONE, 2014, 9, e84434.	1.1	6
123	Disproportionate Contribution of Right Middle Lobe to Emphysema and Gas Trapping on Computed Tomography. PLoS ONE, 2014, 9, e102807.	1.1	12
124	Protein Kinase C δ Mediates Lung Injury Induced by Diesel Exhaust Particles. American Journal of Respiratory Cell and Molecular Biology, 2013, 48, 306-313.	1.4	19
125	Effects of Eyjafjallajökull Volcanic Ash on Innate Immune System Responses and Bacterial Growth <i>in Vitro</i> . Environmental Health Perspectives, 2013, 121, 691-698.	2.8	29
126	Satellite-based PM concentrations and their application to COPD in Cleveland, OH. Journal of Exposure Science and Environmental Epidemiology, 2013, 23, 637-646.	1.8	44

#	ARTICLE	IF	CITATIONS
127	Inhibition of PKC- ζ Activation Prevents Bleomycin Induce Lung Injury and Promotes Lung Repair. Chest, 2013, 144, 466A.	0.4	0
128	Coal Fly Ash Impairs Airway Antimicrobial Peptides and Increases Bacterial Growth. PLoS ONE, 2013, 8, e57673.	1.1	27
129	TSH Regulates Pendrin Membrane Abundance and Enhances Iodide Efflux in Thyroid Cells. Endocrinology, 2012, 153, 512-521.	1.4	44
130	CFTR is required for maximal transepithelial liquid transport in pig alveolar epithelia. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2012, 303, L152-L160.	1.3	31
131	Ambient particulate matter affects occludin distribution and increases alveolar transepithelial electrical conductance. Respiriology, 2011, 16, 340-349.	1.3	63
132	Hypoxia increases transepithelial electrical conductance and reduces occludin at the plasma membrane in alveolar epithelial cells via PKC- ζ and PP2A pathway. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2011, 300, L569-L578.	1.3	35
133	Insulin regulates alveolar epithelial function by inducing Na ⁺ /K ⁺ -ATPase translocation to the plasma membrane in a process mediated by the action of Akt. Journal of Cell Science, 2010, 123, 1343-1351.	1.2	27
134	Myosin-Va restrains the trafficking of Na ⁺ /K ⁺ -ATPase-containing vesicles in alveolar epithelial cells. Journal of Cell Science, 2009, 122, 3915-3922.	1.2	27
135	Endothelin-1 Impairs Alveolar Epithelial Function via Endothelial ET _B Receptor. American Journal of Respiratory and Critical Care Medicine, 2009, 179, 113-122.	2.5	37
136	Epidermal growth factor receptor and claudin-2 participate in A549 permeability and remodeling: Implications for non-small cell lung cancer tumor colonization. Molecular Carcinogenesis, 2009, 48, 488-497.	1.3	36
137	Role of endothelin-1 in acute lung injury. Translational Research, 2009, 153, 263-271.	2.2	48
138	AIRBORNE PARTICLES ALTER THE ALVEOLAR EPITHELIAL BARRIER VIA A DECREASE IN THE TIGHT JUNCTION PROTEIN OCCLUDIN. Chest, 2007, 132, 600A.	0.4	1
139	Hypoxia-Mediated Degradation of Na,K-ATPase via Mitochondrial Reactive Oxygen Species and the Ubiquitin-Conjugating System. Circulation Research, 2006, 98, 1314-1322.	2.0	105
140	Endothelin decreases lung edema clearance and Na,K-ATPase activity in alveolar epithelial cells via ET _B receptor and Nitric Oxide generation. FASEB Journal, 2006, 20, .	0.2	1
141	Norepinephrine Increases Alveolar Fluid Reabsorption and Na,K-ATPase Activity. American Journal of Respiratory and Critical Care Medicine, 2004, 170, 730-736.	2.5	26
142	Cortisol levels and mortality in severe sepsis. Clinical Endocrinology, 2004, 60, 29-35.	1.2	125
143	Scorpion Venom Decreases Lung Liquid Clearance in Rats. American Journal of Respiratory and Critical Care Medicine, 2003, 167, 1064-1067.	2.5	30
144	Fibroblast growth factor-10 upregulates Na,K-ATPase via the MAPK pathway. FEBS Letters, 2003, 545, 173-176.	1.3	15

#	ARTICLE	IF	CITATIONS
145	β ₂ -Adrenergic agonists regulate Na-K-ATPase via p70 ^{S6k} . American Journal of Physiology - Lung Cellular and Molecular Physiology, 2003, 285, L802-L807.	1.3	28
146	Catecholamines increase lung edema clearance in rats with increased left atrial pressure. Journal of Applied Physiology, 2001, 90, 1088-1094.	1.2	46
147	Effect of hydrocortisone on platelet activating factor induced lung edema in isolated rabbit lungs. Respiration Physiology, 2000, 120, 61-69.	2.8	3
148	β ₂ -Agonists regulate Na,K-ATPase via novel MAPK/ERK and rapamycin-sensitive pathways. FEBS Letters, 2000, 486, 310-314.	1.3	44
149	Tityus discrepans venom produces a respiratory distress syndrome in rabbits through an indirect mechanism. Toxicon, 1999, 37, 173-180.	0.8	44
150	Ventilator-Associated Lung Injury Decreases Lung Ability To Clear Edema and Downregulates Alveolar Epithelial Cell Na,K-Adenosine Triphosphatase Function. Chest, 1999, 116, 29S-30S.	0.4	11
151	Effect of Fenoterol on PAF-induced lung edema in isolated and perfused rabbit lungs. Respiration Physiology, 1998, 114, 153-160.	2.8	5
152	Systemic Biomarkers of Lung Function and FEV ₁ ; Decline Across Multiple Cohorts. SSRN Electronic Journal, 0, , .	0.4	0