

Meilan K Han

List of Publications by Year in Descending Order

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Version: 2024-04-26

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

249
papers

12,694
citations

53
h-index

108
g-index

276
ext. papers

16,252
ext. citations

8.7
avg, IF

6.05
L-index

#	Paper	IF	Citations
249	Understanding lung health beliefs in low-resource settings.. <i>The Lancet Global Health</i> , 2022 , 10, e6-e7	13.6	
248	Using Tools as Designed [Letter].. <i>International Journal of COPD</i> , 2022 , 17, 591-592	3	
247	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	10.2	1
246	CT-Based Commercial Software Applications: Improving Patient Care Through Accurate COPD Subtyping.. <i>International Journal of COPD</i> , 2022 , 17, 919-930	3	2
245	Reconsidering the Utility of Race-Specific Lung Function Prediction Equations.. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021 ,	10.2	3
244	Longitudinal association between muscle loss and mortality in ever-smokers. <i>Chest</i> , 2021 ,	5.3	1
243	Identification of Sputum Biomarkers Predictive of Pulmonary Exacerbations in Chronic Obstructive Pulmonary Disease. <i>Chest</i> , 2021 ,	5.3	5
242	Treatment Trials in Young Patients with COPD and Pre-COPD Patients: Time to Move Forward. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021 ,	10.2	7
241	Chronic obstructive pulmonary disease risk assessment tools: is one better than the others?. <i>Current Opinion in Pulmonary Medicine</i> , 2021 , 28,	3	1
240	X-ray dark field imaging: a tool for early diagnosis of emphysema in chronic obstructive pulmonary disease?. <i>The Lancet Digital Health</i> , 2021 , 3, e691-e692	14.4	
239	Improved detection of air trapping on expiratory computed tomography using deep learning. <i>PLoS ONE</i> , 2021 , 16, e0248902	3.7	1
238	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	4.9	2
237	Association of plasma mitochondrial DNA with COPD severity and progression in the SPIROMICS cohort. <i>Respiratory Research</i> , 2021 , 22, 126	7.3	3
236	Relationship between Emphysema Progression at CT and Mortality in Ever-Smokers: Results from the COPDGene and ECLIPSE Cohorts. <i>Radiology</i> , 2021 , 299, 222-231	20.5	3
235	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	14.4	6
234	Reply to Thomson, to Neder ., and to Wouters. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021 , 204, 112	10.2	
233	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 , 16, 1477-1496	3	1

232	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	5.3	0
231	Airway mucin MUC5AC and MUC5B concentrations and the initiation and progression of chronic obstructive pulmonary disease: an analysis of the SPIROMICS cohort. <i>Lancet Respiratory Medicine</i> , 2021 , 9, 1241-1254	35.1	20
230	Paired CT Measures of Emphysema and Small Airways Disease and Lung Function and Exercise Capacity in Smokers with Radiographic Bronchiectasis. <i>Academic Radiology</i> , 2021 , 28, 370-378	4.3	4
229	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	10.2	10
228	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	10.2	13
227	A digital protein microarray for COVID-19 cytokine storm monitoring. <i>Lab on A Chip</i> , 2021 , 21, 331-343	7.2	14
226	From GOLD 0 to Pre-COPD. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021 , 203, 414-423	10.2	26
225	Quantitative Emphysema on Low-Dose CT Imaging of the Chest and Risk of Lung Cancer and Airflow Obstruction: An Analysis of the National Lung Screening Trial. <i>Chest</i> , 2021 , 159, 1812-1820	5.3	7
224	Modeling residential indoor concentrations of PM _{2.5} , NO ₂ , and secondhand smoke in the Subpopulations and Intermediate Outcome Measures in COPD (SPIROMICS) Air study. <i>Indoor Air</i> , 2021 , 31, 702-716	5.4	2
223	Distinguishing Smoking-Related Lung Disease Phenotypes Via Imaging and Molecular Features. <i>Chest</i> , 2021 , 159, 549-563	5.3	1
222	Advances in Chronic Obstructive Pulmonary Disease. <i>Annual Review of Medicine</i> , 2021 , 72, 119-134	17.4	5
221	Prognostic value of clinically important deterioration in COPD: IMPACT trial analysis. <i>ERJ Open Research</i> , 2021 , 7,	3.5	3
220	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	2.7	1
219	Development of the Advancing the Patient Experience in COPD Registry: A Modified Delphi Study. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2021 , 8,	2.7	1
218	Informing Healthcare Decisions with Observational Research Assessing Causal Effect. An Official American Thoracic Society Research Statement. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021 , 203, 14-23	10.2	6
217	Progression of Emphysema and Small Airways Disease in Cigarette Smokers. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2021 , 8, 198-212	2.7	4
216	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	2.7	
215	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	4.7	0

214	Respiratory exacerbations are associated with muscle loss in current and former smokers. <i>Thorax</i> , 2021 , 76, 554-560	7.3	5
213	Lung microbiota associations with clinical features of COPD in the SPIROMICS cohort. <i>Npj Biofilms and Microbiomes</i> , 2021 , 7, 14	8.2	9
212	Ratio of FEV/Slow Vital Capacity of Chest, 2021 , 160, 94-103	5.3	0
211	Seven Pillars of Small Airways Disease in Asthma and COPD: Supporting Opportunities for Novel Therapies. <i>Chest</i> , 2021 , 160, 114-134	5.3	7
210	The Association Between Lung Hyperinflation and Coronary Artery Disease in Smokers. <i>Chest</i> , 2021 , 160, 858-871	5.3	0
209	Lung Diseases Unique to Women. <i>Clinics in Chest Medicine</i> , 2021 , 42, 507-516	5.3	1
208	Letter to Editor Regarding the OCEAN Study [Letter]. <i>International Journal of COPD</i> , 2021 , 16, 2501-2503	5.3	0
207	Protocol Summary of the COPD Assessment in Primary Care To Identify Undiagnosed Respiratory Disease and Exacerbation Risk (CAPTURE) Validation in Primary Care Study. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2021 , 8,	2.7	6
206	Epigenetic marker of telomeric age is associated with exacerbations and hospitalizations in chronic obstructive pulmonary disease.. <i>Respiratory Research</i> , 2021 , 22, 316	7.3	1
205	Mortality prediction in chronic obstructive pulmonary disease comparing the GOLD 2015 and GOLD 2019 staging: a pooled analysis of individual patient data. <i>ERJ Open Research</i> , 2020 , 6,	3.5	3
204	Machine Learning and Prediction of All-Cause Mortality in COPD. <i>Chest</i> , 2020 , 158, 952-964	5.3	15
203	Smaller Left Ventricle Size at Noncontrast CT Is Associated with Lower Mortality in COPD Gene Participants. <i>Radiology</i> , 2020 , 296, 208-215	20.5	4
202	Serum IgG Levels and Risk of COPD Hospitalization: A Pooled Meta-analysis. <i>Chest</i> , 2020 , 158, 1420-1430	5.3	7
201	Association of Dysanapsis With Chronic Obstructive Pulmonary Disease Among Older Adults. <i>JAMA - Journal of the American Medical Association</i> , 2020 , 323, 2268-2280	27.4	34
200	Goals of COPD treatment: Focus on symptoms and exacerbations. <i>Respiratory Medicine</i> , 2020 , 166, 1059-1066	13.6	44
199	Pulmonary artery enlargement and mortality risk in moderate to severe COPD: results from COPD Gene. <i>European Respiratory Journal</i> , 2020 , 55,	13.6	9
198	DNA Methylation Is Predictive of Mortality in Current and Former Smokers. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 201, 1099-1109	10.2	6
197	Randomised clinical trial to determine the safety of quercetin supplementation in patients with chronic obstructive pulmonary disease. <i>BMJ Open Respiratory Research</i> , 2020 , 7,	5.6	25

196	Chronic Obstructive Pulmonary Disease in Women: A Biologically Focused Review with a Systematic Search Strategy. <i>International Journal of COPD</i> , 2020 , 15, 711-721	3	11
195	Five-year Progression of Emphysema and Air Trapping at CT in Smokers with and Those without Chronic Obstructive Pulmonary Disease: Results from the COPDGene Study. <i>Radiology</i> , 2020 , 295, 218-226	20.5	24
194	Association of urine mitochondrial DNA with clinical measures of COPD in the SPIROMICS cohort. <i>JCI Insight</i> , 2020 , 5,	9.9	19
193	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	2.7	3
192	The Association Between Neighborhood Socioeconomic Disadvantage and Chronic Obstructive Pulmonary Disease. <i>International Journal of COPD</i> , 2020 , 15, 981-993	3	6
191	Clinical Phenotypes of Atopy and Asthma in COPD: A Meta-analysis of SPIROMICS and COPDGene. <i>Chest</i> , 2020 , 158, 2333-2345	5.3	8
190	The Effects of Rare Variants on Lung Function and Emphysema in SPIROMICS. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 201, 540-554	10.2	17
189	Disease Progression Modeling in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 201, 294-302	10.2	20
188	Association of Long-term Ambient Ozone Exposure With Respiratory Morbidity in Smokers. <i>JAMA Internal Medicine</i> , 2020 , 180, 106-115	11.5	24
187	Reply to Janssen and Wouters: Loss of Alveolar Attachments as a Pathomechanistic Link between Small Airway Disease and Emphysema. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 201, 879-880	10.2	
186	Factors influencing decline in quality of life in smokers without airflow obstruction: The COPDGene study. <i>Respiratory Medicine</i> , 2020 , 161, 105820	4.6	3
185	Host, Gender, and Early-Life Factors as Risks for Chronic Obstructive Pulmonary Disease. <i>Clinics in Chest Medicine</i> , 2020 , 41, 329-337	5.3	0
184	Increased airway iron parameters and risk for exacerbation in COPD: an analysis from SPIROMICS. <i>Scientific Reports</i> , 2020 , 10, 10562	4.9	10
183	Current smoking with or without chronic bronchitis is independently associated with goblet cell hyperplasia in healthy smokers and COPD subjects. <i>Scientific Reports</i> , 2020 , 10, 20133	4.9	0
182	Impact of gastroesophageal reflux on longitudinal lung function and quantitative computed tomography in the COPDGene cohort. <i>Respiratory Research</i> , 2020 , 21, 203	7.3	2
181	Chronic respiratory diseases: a global view. <i>Lancet Respiratory Medicine</i> , 2020 , 8, 531-533	35.1	28
180	Novel Respiratory Disability Score Predicts COPD Exacerbations and Mortality in the SPIROMICS Cohort. <i>International Journal of COPD</i> , 2020 , 15, 1887-1898	3	1
179	Adult Life-Course Trajectories of Lung Function and the Development of Emphysema: The CARDIA Lung Study. <i>American Journal of Medicine</i> , 2020 , 133, 222-230.e11	2.4	7

178	Comprehensive stereological assessment of the human lung using multiresolution computed tomography. <i>Journal of Applied Physiology</i> , 2020 , 128, 1604-1616	3.7	14
177	Diffusing Capacity of Carbon Monoxide in Assessment of COPD. <i>Chest</i> , 2019 , 156, 1111-1119	5.3	28
176	Disruption of histidine and energy homeostasis in chronic obstructive pulmonary disease. <i>International Journal of COPD</i> , 2019 , 14, 2015-2025	3	9
175	Aspirin Use and Respiratory Morbidity in COPD: A Propensity Score-Matched Analysis in Subpopulations and Intermediate Outcome Measures in COPD Study. <i>Chest</i> , 2019 , 155, 519-527	5.3	11
174	The Exacerbation Conundrum. <i>Archivos De Bronconeumologia</i> , 2019 , 55, 5-6	0.7	
173	Inference of Cellular Immune Environments in Sputum and Peripheral Blood Associated with Acute Exacerbations of COPD. <i>Cellular and Molecular Bioengineering</i> , 2019 , 12, 165-177	3.9	2
172	Effect of daily azithromycin therapy and adherence on readmission risk in COPD. <i>European Respiratory Journal</i> , 2019 , 53,	13.6	4
171	Global Strategy for the Diagnosis, Management, and Prevention of Chronic Obstructive Lung Disease: the GOLD science committee report 2019. <i>European Respiratory Journal</i> , 2019 , 53,	13.6	722
170	The Peak Index: Spirometry Metric for Airflow Obstruction Severity and Heterogeneity. <i>Annals of the American Thoracic Society</i> , 2019 , 16, 982-989	4.7	6
169	External Validation and Recalculation of the CODEX Index in COPD Patients. A 3CIAplus Cohort Study. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2019 , 16, 8-17	2	4
168	Update in Chronic Obstructive Pulmonary Disease 2018. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 199, 1462-1470	10.2	2
167	A Genetic Risk Score Associated with Chronic Obstructive Pulmonary Disease Susceptibility and Lung Structure on Computed Tomography. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 200, 721-731	10.2	22
166	Chronic Obstructive Pulmonary Disease in America's Black Population. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 200, 423-430	10.2	19
165	Noninvasive Imaging Biomarker Identifies Small Airway Damage in Severe Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 200, 575-581	10.2	62
164	Systemic Markers of Inflammation in Smokers With Symptoms Despite Preserved Spirometry in SPIROMICS. <i>Chest</i> , 2019 , 155, 908-917	5.3	9
163	Reprint of: Voxel-Wise Longitudinal Parametric Response Mapping Analysis of Chest Computed Tomography in Smokers. <i>Academic Radiology</i> , 2019 , 26, 306-312	4.3	8
162	Arterial Vascular Pruning, Right Ventricular Size, and Clinical Outcomes in Chronic Obstructive Pulmonary Disease. A Longitudinal Observational Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 200, 454-461	10.2	37
161	Voxel-Wise Longitudinal Parametric Response Mapping Analysis of Chest Computed Tomography in Smokers. <i>Academic Radiology</i> , 2019 , 26, 217-223	4.3	29

160	Clinical Approach to the Therapy of Asthma-COPD Overlap. <i>Chest</i> , 2019 , 155, 168-177	5.3	26
159	Serum amino acid concentrations and clinical outcomes in smokers: SPIROMICS metabolomics study. <i>Scientific Reports</i> , 2019 , 9, 11367	4.9	10
158	Clinical Epidemiology of COPD: Insights From 10 Years of the COPDGene Study. <i>Chest</i> , 2019 , 156, 228-238	3.3	29
157	Metoprolol for the Prevention of Acute Exacerbations of COPD. <i>New England Journal of Medicine</i> , 2019 , 381, 2304-2314	59.2	51
156	Radiographic lung volumes predict progression to COPD in smokers with preserved spirometry in SPIROMICS. <i>European Respiratory Journal</i> , 2019 , 54,	13.6	13
155	Mortality and Exacerbations by Global Initiative for Chronic Obstructive Lung Disease Groups ABCD: 2011 Versus 2017 in the COPDGene Cohort. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2019 , 6, 64-73	2.7	22
154	COPDGene 2019: Redefining the Diagnosis of Chronic Obstructive Pulmonary Disease. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2019 , 6, 384-399	2.7	61
153	Structural and Functional Features on Quantitative Chest Computed Tomography in the Korean Asian versus the White American Healthy Non-Smokers. <i>Korean Journal of Radiology</i> , 2019 , 20, 1236-1245	6.9	8
152	Introducing the New COPD Pocket Consultant Guide App: Can A Digital Approach Improve Care? A Statement of the COPD Foundation. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2019 , 6, 210-220	2.7	3
151	Identifying Smoking-Related Disease on Lung Cancer Screening CT Scans: Increasing the Value. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2019 , 6, 233-245	2.7	6
150	Lung Microbiota Contribute to Pulmonary Inflammation and Disease Progression in Pulmonary Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 199, 1127-1138	10.2	103
149	Objectively Measured Chronic Lung Injury on Chest CT. <i>Chest</i> , 2019 , 156, 1149-1159	5.3	3
148	Clinical Significance of Bronchodilator Responsiveness Evaluated by Forced Vital Capacity in COPD: SPIROMICS Cohort Analysis. <i>International Journal of COPD</i> , 2019 , 14, 2927-2938	3	3
147	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	4.7	19
146	Current Controversies in Chronic Obstructive Pulmonary Disease. A Report from the Global Initiative for Chronic Obstructive Lung Disease Scientific Committee. <i>Annals of the American Thoracic Society</i> , 2019 , 16, 29-39	4.7	8
145	GOLD 2019: a new way forward. <i>Lancet Respiratory Medicine</i> , 2019 , 7, 16-17	35.1	2
144	Safety and Tolerability of Comprehensive Research Bronchoscopy in Chronic Obstructive Pulmonary Disease. Results from the SPIROMICS Bronchoscopy Substudy. <i>Annals of the American Thoracic Society</i> , 2019 , 16, 439-446	4.7	8
143	An airway epithelial IL-17A response signature identifies a steroid-unresponsive COPD patient subgroup. <i>Journal of Clinical Investigation</i> , 2019 , 129, 169-181	15.9	50

142	Association between Emphysema and Chronic Obstructive Pulmonary Disease Outcomes in the COPDGene and SPIROMICS Cohorts: A Post Hoc Analysis of Two Clinical Trials. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 198, 265-267	10.2	15
141	Association of thrombocytosis with COPD morbidity: the SPIROMICS and COPDGene cohorts. <i>Respiratory Research</i> , 2018 , 19, 20	7.3	14
140	Defining Impaired Respiratory Health. A Paradigm Shift for Pulmonary Medicine. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 198, 440-446	10.2	17
139	Association between acute respiratory disease events and the promoter polymorphism in smokers. <i>Thorax</i> , 2018 , 73, 1071-1074	7.3	7
138	Human airway branch variation and chronic obstructive pulmonary disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E974-E981	11.5	53
137	At the Root: Defining and Halting Progression of Early Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 197, 1540-1551	10.2	94
136	COPD Care in the 21st Century: A Public Health Priority. <i>Respiratory Care</i> , 2018 , 63, 591-600	2.1	26
135	Serum IgG subclass levels and risk of exacerbations and hospitalizations in patients with COPD. <i>Respiratory Research</i> , 2018 , 19, 30	7.3	20
134	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	4.7	16
133	Artificial Intelligence and Chest Imaging. Will Deep Learning Make Us Smarter?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 197, 148-150	10.2	10
132	Relationship of Absolute Telomere Length With Quality of Life, Exacerbations, and Mortality in COPD. <i>Chest</i> , 2018 , 154, 266-273	5.3	15
131	Female Sex and Gender in Lung/Sleep Health and Disease. Increased Understanding of Basic Biological, Pathophysiological, and Behavioral Mechanisms Leading to Better Health for Female Patients with Lung Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 198, 850-858	10.2	44
130	Impact of bronchiectasis on the frequency and severity of respiratory exacerbations in COPD. <i>International Journal of COPD</i> , 2018 , 13, 2335-2338	3	2
129	Lower serum IgA is associated with COPD exacerbation risk in SPIROMICS. <i>PLoS ONE</i> , 2018 , 13, e0194924	3.7	14
128	Can CAPTURE be used to identify undiagnosed patients with mild-to-moderate COPD likely to benefit from treatment?. <i>International Journal of COPD</i> , 2018 , 13, 1901-1912	3	7
127	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	4.7	16
126	Longitudinal Phenotypes and Mortality in Preserved Ratio Impaired Spirometry in the COPDGene Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 198, 1397-1405	10.2	59
125	NT-proBNP in stable COPD and future exacerbation risk: Analysis of the SPIROMICS cohort. <i>Respiratory Medicine</i> , 2018 , 140, 87-93	4.6	9

124	Elevated circulating MMP-9 is linked to increased COPD exacerbation risk in SPIROMICS and COPDGene. <i>JCI Insight</i> , 2018 , 3,	9.9	19
123	Airway fractal dimension predicts respiratory morbidity and mortality in COPD. <i>Journal of Clinical Investigation</i> , 2018 , 128, 5374-5382	15.9	19
122	Centrilobular emphysema and coronary artery calcification: mediation analysis in the SPIROMICS cohort. <i>Respiratory Research</i> , 2018 , 19, 257	7.3	10
121	Improving Detection of Early Chronic Obstructive Pulmonary Disease. <i>Annals of the American Thoracic Society</i> , 2018 , 15, S243-S248	4.7	13
120	Heterogeneous burden of lung disease in smokers with borderline airflow obstruction. <i>Respiratory Research</i> , 2018 , 19, 223	7.3	11
119	New Spirometry Indices for Detecting Mild Airflow Obstruction. <i>Scientific Reports</i> , 2018 , 8, 17484	4.9	10
118	Confronting the Challenge of COPD: What Is New in the Approaches to Diagnosis, Treatment, and Patient Outcomes. <i>Chest</i> , 2018 , 154, 984-985	5.3	3
117	Occupational Exposures and Computed Tomographic Imaging Characteristics in the SPIROMICS Cohort. <i>Annals of the American Thoracic Society</i> , 2018 , 15, 1411-1419	4.7	13
116	Roflumilast for eosinophilic chronic obstructive pulmonary disease?. <i>Lancet Respiratory Medicine</i> , 2018 , 6, 802-803	35.1	1
115	CT-based Visual Classification of Emphysema: Association with Mortality in the COPDGene Study. <i>Radiology</i> , 2018 , 288, 859-866	20.5	80
114	Understanding the role of the microbiome in chronic obstructive pulmonary disease: principles, challenges, and future directions. <i>Translational Research</i> , 2017 , 179, 71-83	11	39
113	Biomechanical CT metrics are associated with patient outcomes in COPD. <i>Thorax</i> , 2017 , 72, 409-414	7.3	26
112	Microbes Are Associated with Host Innate Immune Response in Idiopathic Pulmonary Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 196, 208-219	10.2	89
111	GDF-15 plasma levels in chronic obstructive pulmonary disease are associated with subclinical coronary artery disease. <i>Respiratory Research</i> , 2017 , 18, 42	7.3	15
110	Antibiotics for COPD exacerbations. <i>Lancet Respiratory Medicine</i> , 2017 , 5, 461-462	35.1	5
109	Serum IgG and risk of exacerbations and hospitalizations in chronic obstructive pulmonary disease. <i>Journal of Allergy and Clinical Immunology</i> , 2017 , 140, 1164-1167.e6	11.5	22
108	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	4.7	21
107	Lung Mass in Smokers. <i>Academic Radiology</i> , 2017 , 24, 386-392	4.3	10

106	A simple algorithm for the identification of clinical COPD phenotypes. <i>European Respiratory Journal</i> , 2017 , 50,	13.6	35
105	Handgrip Strength in Chronic Obstructive Pulmonary Disease. Associations with Acute Exacerbations and Body Composition. <i>Annals of the American Thoracic Society</i> , 2017 , 14, 1638-1645	4.7	31
104	Design of the Subpopulations and Intermediate Outcome Measures in COPD (SPIROMICS) AIR Study. <i>BMJ Open Respiratory Research</i> , 2017 , 4, e000186	5.6	15
103	Electronic Cigarette Use in US Adults at Risk for or with COPD: Analysis from Two Observational Cohorts. <i>Journal of General Internal Medicine</i> , 2017 , 32, 1315-1322	4	48
102	Airway Mucin Concentration as a Marker of Chronic Bronchitis. <i>New England Journal of Medicine</i> , 2017 , 377, 911-922	59.2	182
101	Differentiation of quantitative CT imaging phenotypes in asthma versus COPD. <i>BMJ Open Respiratory Research</i> , 2017 , 4, e000252	5.6	20
100	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	35.1	140
99	Practical Considerations for the Diagnosis and Management of Asthma in Older Adults. <i>Mayo Clinic Proceedings</i> , 2017 , 92, 1697-1705	6.4	11
98	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	35.1	148
97	Microbiome in interstitial lung disease: from pathogenesis to treatment target. <i>Current Opinion in Pulmonary Medicine</i> , 2017 , 23, 404-410	3	30
96	Azithromycin and risk of COPD exacerbations in patients with and without <i>Helicobacter pylori</i> . <i>Respiratory Research</i> , 2017 , 18, 109	7.3	3
95	The Role of Chest Computed Tomography in the Evaluation and Management of the Patient with Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 196, 1372-1379	10.2	65
94	A New Approach for Identifying Patients with Undiagnosed Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 195, 748-756	10.2	62
93	Improving the Management of COPD in Women. <i>Chest</i> , 2017 , 151, 686-696	5.3	60
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