Michael H Cho

List of Publications by Year
in descending order

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224 papers	13,080 citations	28190 55 h-index	33814 99 g-index
268 all docs	268 docs citations	268 times ranked	16547 citing authors

#	Article	IF	Citations
1	An Integrative Genomic Strategy Identifies sRAGE as a Causal and Protective Biomarker of Lung Function. Chest, 2022, 161, 76-84.	0.4	5
2	An interferon-inducible signature of airway disease from blood gene expression profiling. European Respiratory Journal, 2022, 59, 2100569.	3.1	4
3	Interstitial Lung Abnormalities, Emphysema, and Spirometry in Smokers. Chest, 2022, 161, 999-1010.	0.4	8
4	Development of a Blood-based Transcriptional Risk Score for Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2022, 205, 161-170.	2.5	15
5	Association of clonal hematopoiesis with chronic obstructive pulmonary disease. Blood, 2022, 139, 357-368.	0.6	106
6	Alpha-1 Antitrypsin MZ Heterozygosity Is an Endotype of Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2022, 205, 313-323.	2.5	21
7	Metabo-Endotypes of Asthma Reveal Differences in Lung Function: Discovery and Validation in Two TOPMed Cohorts. American Journal of Respiratory and Critical Care Medicine, 2022, 205, 288-299.	2.5	17
8	A Smoothed Version of the Lassosum Penalty for Fitting Integrated Risk Models Using Summary Statistics or Individual-Level Data. Genes, 2022, 13, 112.	1.0	1
9	CFTRvariants are associated with chronic bronchitis in smokers. European Respiratory Journal, 2022, 60, 2101994.	3.1	6
10	Genetic determinants of telomere length from 109,122 ancestrally diverse whole-genome sequences in TOPMed. Cell Genomics, 2022, 2, 100084.	3.0	29
11	A polygenic risk score and age of diagnosis of COPD. European Respiratory Journal, 2022, 60, 2101954.	3.1	10
12	Reply. Arthritis and Rheumatology, 2022, 74, 1096-1097.	2.9	0
13	Interstitial lung abnormalities are associated with decreased mean telomere length. European Respiratory Journal, 2022, 60, 2101814.	3.1	8
14	Protein prediction for trait mapping in diverse populations. PLoS ONE, 2022, 17, e0264341.	1.1	13
15	Associations of the MUC5B promoter variant with timing of interstitial lung disease and rheumatoid arthritis onset. Rheumatology, 2022, 61, 4915-4923.	0.9	6
16	Polygenic transcriptome risk scores for COPD and lung function improve cross-ethnic portability of prediction in the NHLBI TOPMed program. American Journal of Human Genetics, 2022, 109, 857-870.	2.6	7
17	Associations of Monocyte Count and Other Immune Cell Types with Interstitial Lung Abnormalities. American Journal of Respiratory and Critical Care Medicine, 2022, 205, 795-805.	2.5	11
18	Mendelian randomization supports bidirectional causality between telomere length and clonal hematopoiesis of indeterminate potential. Science Advances, 2022, 8, eabl6579.	4.7	36

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19	A Metabolomic Severity Score for Airflow Obstruction and Emphysema. Metabolites, 2022, 12, 368.	1.3	8
20	The Proteomic Profile of Interstitial Lung Abnormalities. American Journal of Respiratory and Critical Care Medicine, 2022, 206, 337-346.	2.5	7
21	Lung tissue shows divergent gene expression between chronic obstructive pulmonary disease and idiopathic pulmonary fibrosis. Respiratory Research, 2022, 23, 97.	1.4	7
22	Genetics of chronic obstructive pulmonary disease: understanding the pathobiology and heterogeneity of a complex disorder. Lancet Respiratory Medicine,the, 2022, 10, 485-496.	5.2	42
23	Covariate adjustment of spirometric and smoking phenotypes: The potential of neural network models. PLoS ONE, 2022, 17, e0266752.	1.1	0
24	Traction Bronchiectasis/Bronchiolectasis on CT Scans in Relationship to Clinical Outcomes and Mortality: The COPDGene Study. Radiology, 2022, 304, 694-701.	3.6	13
25	A genome-wide association study of bronchodilator response in participants of European and African ancestry from six independent cohorts. ERJ Open Research, 2022, 8, 00484-2021.	1.1	1
26	Assessing the contribution of rare genetic variants to phenotypes of chronic obstructive pulmonary disease using whole-genome sequence data. Human Molecular Genetics, 2022, 31, 3873-3885.	1.4	2
27	CRISPR interference interrogation of COPD GWAS genes reveals the functional significance of desmoplakin in iPSC-derived alveolar epithelial cells. Science Advances, 2022, 8, .	4.7	6
28	Heritability Analyses Uncover Shared Genetic Effects of Lung Function and Change over Time. Genes, 2022, 13, 1261.	1.0	0
29	locStra: Fast analysis of regional/global stratification in wholeâ€genome sequencingÂstudies. Genetic Epidemiology, 2021, 45, 82-98.	0.6	8
30	Genome-Wide Gene-by-Smoking Interaction Study of Chronic Obstructive Pulmonary Disease. American Journal of Epidemiology, 2021, 190, 875-885.	1.6	21
31	A novel locus for exertional dyspnoea in childhood asthma. European Respiratory Journal, 2021, 57, 2001224.	3.1	4
32	Rare deleterious germline variants and risk of lung cancer. Npj Precision Oncology, 2021, 5, 12.	2.3	19
33	Sequencing of 53,831 diverse genomes from the NHLBI TOPMed Program. Nature, 2021, 590, 290-299.	13.7	1,069
34	Soluble receptor for advanced glycation end products (sRAGE) as a biomarker of COPD. Respiratory Research, 2021, 22, 127.	1.4	26
35	Heterozygosity of the Alpha 1â€Antitrypsin Pi*Z Allele and Risk of Liver Disease. Hepatology Communications, 2021, 5, 1348-1361.	2.0	15
36	Emphysema Progression and Lung Function Decline Among Angiotensin Converting Enzyme Inhibitors and Angiotensin-Receptor Blockade Users in the COPDGene Cohort. Chest, 2021, 160, 1245-1254.	0.4	9

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37	Identification of putative causal loci in whole-genome sequencing data via knockoff statistics. Nature Communications, 2021, 12, 3152.	5.8	17
38	Genomeâ€wide association analysis of COVIDâ€19 mortality risk in SARSâ€CoVâ€2 genomes identifies mutation in the SARSâ€CoVâ€2 spike protein that colocalizes with P.1 of the Brazilian strain. Genetic Epidemiology, 2021, 45, 685-693.	0.6	14
39	Intermediate versus standard dose heparin prophylaxis in COVID-19 ICU patients: A propensity score-matched analysis. Thrombosis Research, 2021, 203, 57-60.	0.8	8
40	ZBTB33 Is Mutated in Clonal Hematopoiesis and Myelodysplastic Syndromes and Impacts RNA Splicing. Blood Cancer Discovery, 2021, 2, 500-517.	2.6	17
41	Secondary polycythemia in chronic obstructive pulmonary disease: prevalence and risk factors. BMC Pulmonary Medicine, 2021, 21, 235.	0.8	22
42	A systematic analysis of protein-altering exonic variants in chronic obstructive pulmonary disease. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2021, 321, L130-L143.	1.3	11
43	Genetic Variation in the Mitochondrial Glycerolâ€3â€Phosphate Acyltransferase Is Associated With Liver Injury. Hepatology, 2021, 74, 3394-3408.	3.6	9
44	Chromatin Landscapes of Human Lung Cells Predict Potentially Functional Chronic Obstructive Pulmonary Disease Genome-Wide Association Study Variants. American Journal of Respiratory Cell and Molecular Biology, 2021, 65, 92-102.	1.4	7
45	Pulmonary Arterial Pruning and Longitudinal Change in Percent Emphysema and Lung Function. Chest, 2021, 160, 470-480.	0.4	17
46	HLA-C and KIR permutations influence chronic obstructive pulmonary disease risk. JCI Insight, 2021, 6, .	2.3	3
47	Relationship Between Rheumatoid Arthritis and Pulmonary Function Measures on Spirometry in the UK Biobank. Arthritis and Rheumatology, 2021, 73, 1994-2002.	2.9	10
48	Whole-genome sequencing in diverse subjects identifies genetic correlates of leukocyte traits: The NHLBI TOPMed program. American Journal of Human Genetics, 2021, 108, 1836-1851.	2.6	14
49	A polygenic risk score for asthma in a large racially diverse population. Clinical and Experimental Allergy, 2021, 51, 1410-1420.	1.4	15
50	Genetic variation in genes regulating skeletal muscle regeneration and tissue remodelling associated with weight loss in chronic obstructive pulmonary disease. Journal of Cachexia, Sarcopenia and Muscle, 2021, 12, 1803-1817.	2.9	11
51	Lung proteomic biomarkers associated with chronic obstructive pulmonary disease. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2021, 321, L1119-L1130.	1.3	14
52	An independently validated, portable algorithm for the rapid identification of COPD patients using electronic health records. Scientific Reports, 2021, 11, 19959.	1.6	6
53	A high-resolution HLA reference panel capturing global population diversity enables multi-ancestry fine-mapping in HIV host response. Nature Genetics, 2021, 53, 1504-1516.	9.4	69
54	Improved prediction of smoking status via isoform-aware RNA-seq deep learning models. PLoS Computational Biology, 2021, 17, e1009433.	1.5	7

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55	Powerful gene-based testing by integrating long-range chromatin interactions and knockoff genotypes. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	5
56	Alternative poly-adenylation modulates Î±1-antitrypsin expression in chronic obstructive pulmonary disease. PLoS Genetics, 2021, 17, e1009912.	1.5	3
57	Interaction of Cigarette Smoking and Polygenic Risk Score on Reduced Lung Function. JAMA Network Open, 2021, 4, e2139525.	2.8	22
58	Diffuse Idiopathic Skeletal Hyperostosis in Smokers and Restrictive Spirometry Pattern: An Analysis of the COPDGene Cohort. Journal of Rheumatology, 2020, 47, 531-538.	1.0	6
59	Genome-Wide Association Study of Susceptibility to Idiopathic Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2020, 201, 564-574.	2.5	208
60	Machine Learning Characterization of COPD Subtypes. Chest, 2020, 157, 1147-1157.	0.4	44
61	A flexible and nearly optimal sequential testing approach to randomized testing: QUICKâ€STOP. Genetic Epidemiology, 2020, 44, 139-147.	0.6	4
62	Mixed-model admixture mapping identifies smoking-dependent loci of lung function in African Americans. European Journal of Human Genetics, 2020, 28, 656-668.	1.4	7
63	FSTL-1 Attenuation Causes Spontaneous Smoke-Resistant Pulmonary Emphysema. American Journal of Respiratory and Critical Care Medicine, 2020, 201, 934-945.	2.5	11
64	Obstructive lung diseases and risk of rheumatoid arthritis. Expert Review of Clinical Immunology, 2020, 16, 37-50.	1.3	17
65	Whole genome sequence analysis of pulmonary function and COPD in 19,996 multi-ethnic participants. Nature Communications, 2020, 11, 5182.	5.8	32
66	A linear prognostic score based on the ratio of interleukin-6 to interleukin-10 predicts outcomes in COVID-19. EBioMedicine, 2020, 61, 103026.	2.7	77
67	Inherited causes of clonal haematopoiesis in 97,691 whole genomes. Nature, 2020, 586, 763-768.	13.7	376
68	VTE in ICU Patients With COVID-19. Chest, 2020, 158, 2130-2135.	0.4	76
69	Chronic obstructive pulmonary disease and related phenotypes: polygenic risk scores in population-based and case-control cohorts. Lancet Respiratory Medicine,the, 2020, 8, 696-708.	5.2	69
70	Effect of 6p21 region on lung function is modified by smoking: a genome-wide interaction study. Scientific Reports, 2020, 10, 13075.	1.6	6
71	Protective effect of club cell secretory protein (CC-16) on COPD risk and progression: a Mendelian randomisation study. Thorax, 2020, 75, 934-943.	2.7	17
72	Dynamic incorporation of multiple in silico functional annotations empowers rare variant association analysis of large whole-genome sequencing studies at scale. Nature Genetics, 2020, 52, 969-983.	9.4	146

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73	Machine Learning and Prediction of All-Cause Mortality in COPD. Chest, 2020, 158, 952-964.	0.4	62
74	Genome-Wide Association Study: Functional Variant rs2076295 Regulates Desmoplakin Expression in Airway Epithelial Cells. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 1225-1236.	2.5	20
75	Integrated transcriptomic correlation network analysis identifies COPD molecular determinants. Scientific Reports, 2020, 10, 3361.	1.6	35
76	Pulmonary artery enlargement and mortality risk in moderate to severe COPD: results from COPDGene. European Respiratory Journal, 2020, 55, 1901812.	3.1	15
77	A Between Ethnicities Comparison of Chronic Obstructive Pulmonary Disease Genetic Risk. Frontiers in Genetics, 2020, 11, 329.	1.1	12
78	Plasma Metabolomic Signatures of Chronic Obstructive Pulmonary Disease and the Impact of Genetic Variants on Phenotype-Driven Modules. Network and Systems Medicine, 2020, 3, 159-181.	2.7	22
79	Relative contributions of family history and a polygenic risk score on COPD and related outcomes: COPDGene and ECLIPSE studies. BMJ Open Respiratory Research, 2020, 7, e000755.	1.2	14
80	A Risk Prediction Model for Mortality Among Smokers in the COPDGeneÂ® Study. Chronic Obstructive Pulmonary Diseases (Miami, Fla), 2020, 7, 346-361.	0.5	9
81	Genetics and Pharmacogenetics of COPD. Respiratory Medicine, 2020, , 39-55.	0.1	0
82	Why is Disease Penetration So Variable? Role of Genetic Modifiers of Lung Function in Alpha-1 Antitrypsin Deficiency. Chronic Obstructive Pulmonary Diseases (Miami, Fla), 2020, 7, 214-223.	0.5	3
83	Trait Insights Gained by Comparing Genome-Wide Association Study Results using Different Chronic Obstructive Pulmonary Disease Definitions. AMIA Summits on Translational Science Proceedings, 2020, 2020, 278-287.	0.4	1
84	Identification of Functional Variants in the FAM13A Chronic Obstructive Pulmonary Disease Genome-Wide Association Study Locus by Massively Parallel Reporter Assays. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 52-61.	2.5	38
85	Common and Rare Variants Genetic Association Analysis of Cigarettes per Day Among Ever-Smokers in Chronic Obstructive Pulmonary Disease Cases and Controls. Nicotine and Tobacco Research, 2019, 21, 714-722.	1.4	7
86	Overlap of Genetic Risk between Interstitial Lung Abnormalities and Idiopathic Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2019, 200, 1402-1413.	2.5	77
87	DSP variants may be associated with longitudinal change in quantitative emphysema. Respiratory Research, 2019, 20, 160.	1.4	7
88	Analysis of genetically driven alternative splicing identifies FBXO38 as a novel COPD susceptibility gene. PLoS Genetics, 2019, 15, e1008229.	1.5	17
89	Sequencing Analysis at 8p23 Identifies Multiple Rare Variants in DLC1 Associated with Sleep-Related Oxyhemoglobin Saturation Level. American Journal of Human Genetics, 2019, 105, 1057-1068.	2.6	10
90	Whole Genome Sequencing Identifies CRISPLD2 as a Lung Function Gene in Children With Asthma. Chest, 2019, 156, 1068-1079.	0.4	5

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91	Genome-Wide Association Analysis of Single-Breath D<scp>l</scp>_{CO}. American Journal of Respiratory Cell and Molecular Biology, 2019, 60, 523-531.	1.4	8
92	Whole blood RNA sequencing reveals a unique transcriptomic profile in patients with ARDS following hematopoietic stem cell transplantation. Respiratory Research, 2019, 20, 15.	1.4	16
93	Imaging Patterns Are Associated with Interstitial Lung Abnormality Progression and Mortality. American Journal of Respiratory and Critical Care Medicine, 2019, 200, 175-183.	2.5	142
94	Turning subtypes into disease axes to improve prediction of COPD progression. Thorax, 2019, 74, 906-909.	2.7	3
95	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.	2.5	90
96	Genetic Advances in Chronic Obstructive Pulmonary Disease. Insights from COPDGene. American Journal of Respiratory and Critical Care Medicine, 2019, 200, 677-690.	2.5	66
97	Combined Forced Expiratory Volume in 1 Second and Forced Vital Capacity Bronchodilator Response, Exacerbations, and Mortality in Chronic Obstructive Pulmonary Disease. Annals of the American Thoracic Society, 2019, 16, 826-835.	1.5	41
98	Exploring the cross-phenotype network region of disease modules reveals concordant and discordant pathways between chronic obstructive pulmonary disease and idiopathic pulmonary fibrosis. Human Molecular Genetics, 2019, 28, 2352-2364.	1.4	19
99	Genetic overlap of chronic obstructive pulmonary disease and cardiovascular disease-related traits: a large-scale genome-wide cross-trait analysis. Respiratory Research, 2019, 20, 64.	1.4	73
100	Assessing pleiotropy and mediation in genetic loci associated with chronic obstructive pulmonary disease. Genetic Epidemiology, 2019, 43, 318-329.	0.6	5
101	New genetic signals for lung function highlight pathways and chronic obstructive pulmonary disease associations across multiple ancestries. Nature Genetics, 2019, 51, 481-493.	9.4	350
102	Genetic landscape of chronic obstructive pulmonary disease identifies heterogeneous cell-type and phenotype associations. Nature Genetics, 2019, 51, 494-505.	9.4	257
103	Use of >100,000 NHLBI Trans-Omics for Precision Medicine (TOPMed) Consortium whole genome sequences improves imputation quality and detection of rare variant associations in admixed African and Hispanic/Latino populations. PLoS Genetics, 2019, 15, e1008500.	1.5	203
104	GWAS and systems biology analysis of depressive symptoms among smokers from the COPDGene cohort. Journal of Affective Disorders, 2019, 243, 16-22.	2.0	11
105	High-Throughput Sequencing in Respiratory, Critical Care, and Sleep Medicine Research. An Official American Thoracic Society Workshop Report. Annals of the American Thoracic Society, 2019, 16, 1-16.	1.5	9
106	Efficient Variant Set Mixed Model Association Tests for Continuous and Binary Traits in Large-Scale Whole-Genome Sequencing Studies. American Journal of Human Genetics, 2019, 104, 260-274.	2.6	103
107	Integrative Genomics Analysis Identifies ACVR1B as a Candidate Causal Gene of Emphysema Distribution. American Journal of Respiratory Cell and Molecular Biology, 2019, 60, 388-398.	1.4	15
108	Genetics and epidemiology of AATD. , 2019, , 27-38.		5

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109	COPDGeneÂ® 2019: Redefining the Diagnosis of Chronic Obstructive Pulmonary Disease. Chronic Obstructive Pulmonary Diseases (Miami, Fla), 2019, 6, 384-399.	0.5	112
110	Subtypes of COPD Have Unique Distributions and Differential Risk of Mortality. Chronic Obstructive Pulmonary Diseases (Miami, Fla), 2019, 6, 400-413.	0.5	24
111	Identification of an emphysema-associated genetic variant near TGFB2 with regulatory effects in lung fibroblasts. ELife, 2019, 8, .	2.8	21
112	Longitudinal Modeling of Lung Function Trajectories in Smokers with and without Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 1033-1042.	2.5	38
113	Genotype imputation performance of three reference panels using African ancestry individuals. Human Genetics, 2018, 137, 281-292.	1.8	38
114	Smoking duration alone provides stronger risk estimates of chronic obstructive pulmonary disease than pack-years. Thorax, 2018, 73, 414-421.	2.7	96
115	Human Lung DNA Methylation Quantitative Trait Loci Colocalize with Chronic Obstructive Pulmonary Disease Genome-Wide Association Loci. American Journal of Respiratory and Critical Care Medicine, 2018, 197, 1275-1284.	2.5	56
116	Â¡HOLA! The Influence of Being Hispanic on Lung Ancestry. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 148-149.	2.5	2
117	Adrenal insufficiency and ICS: genetics takes a breath. Lancet Respiratory Medicine,the, 2018, 6, 407-408.	5.2	1
118	Leveraging lung tissue transcriptome to uncover candidate causal genes in COPD genetic associations. Human Molecular Genetics, 2018, 27, 1819-1829.	1.4	37
119	Lobar Emphysema Distribution Is Associated With 5-Year Radiological Disease Progression. Chest, 2018, 153, 65-76.	0.4	36
120	Integration of Molecular Interactome and Targeted Interaction Analysis to Identify a COPD Disease Network Module. Scientific Reports, 2018, 8, 14439.	1.6	40
121	Genomics and response to long-term oxygen therapy in chronic obstructive pulmonary disease. Journal of Molecular Medicine, 2018, 96, 1375-1385.	1.7	17
122	Childhood asthma is associated with COPD and known asthma variants in COPDGene: a genome-wide association study. Respiratory Research, 2018, 19, 209.	1.4	41
123	Dissecting respiratory disease heterogeneity through the genetics of diffusing capacity. European Respiratory Journal, 2018, 52, 1801468.	3.1	2
124	Identification of Chronic Obstructive Pulmonary Disease Axes That Predict All-Cause Mortality. American Journal of Epidemiology, 2018, 187, 2109-2116.	1.6	25
125	Whole-Genome Sequencing in Severe Chronic Obstructive Pulmonary Disease. American Journal of Respiratory Cell and Molecular Biology, 2018, 59, 614-622.	1.4	22
126	Genome-wide assessment of gene-by-smoking interactions in COPD. Scientific Reports, 2018, 8, 9319.	1.6	23

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127	Whole exome sequencing analysis in severe chronic obstructive pulmonary disease. Human Molecular Genetics, 2018, 27, 3801-3812.	1.4	32
128	A Genome-Wide Linkage Study for Chronic Obstructive Pulmonary Disease in a Dutch Genetic Isolate Identifies Novel Rare Candidate Variants. Frontiers in Genetics, 2018, 9, 133.	1.1	8
129	Integrative genomics identifies new genes associated with severe COPD and emphysema. Respiratory Research, 2018, 19, 46.	1.4	20
130	Ensemble genomic analysis in human lung tissue identifies novel genes for chronic obstructive pulmonary disease. Human Genomics, 2018, 12, 1.	1.4	35
131	Rare Variants in Known Susceptibility Loci and Their Contribution to Risk of Lung Cancer. Journal of Thoracic Oncology, 2018, 13, 1483-1495.	0.5	22
132	Multiethnic meta-analysis identifies ancestry-specific and cross-ancestry loci for pulmonary function. Nature Communications, 2018, 9, 2976.	5.8	85
133	Elevated circulating MMP-9 is linked to increased COPD exacerbation risk in SPIROMICS and COPDGene. JCI Insight, 2018, 3, .	2.3	46
134	Lung, Fat and Bone: Increased Adiponectin Associates with the Combination of Smoking-Related Lung Disease and Osteoporosis. Chronic Obstructive Pulmonary Diseases (Miami, Fla), 2018, 5, 134-143.	0.5	3
135	Association Between Telomere Length and Risk of Cancer and Non-Neoplastic Diseases. JAMA Oncology, 2017, 3, 636.	3.4	376
136	Genetic loci associated with chronic obstructive pulmonary disease overlap with loci for lung function and pulmonary fibrosis. Nature Genetics, 2017, 49, 426-432.	9.4	306
137	Genome-wide association analyses for lung function and chronic obstructive pulmonary disease identify new loci and potential druggable targets. Nature Genetics, 2017, 49, 416-425.	9.4	257
138	Genetic Association and Risk Scores in a Chronic Obstructive Pulmonary Disease Meta-analysis of 16,707 Subjects. American Journal of Respiratory Cell and Molecular Biology, 2017, 57, 35-46.	1.4	55
139	Variable Susceptibility to Cigarette Smokeâ€“Induced Emphysema in 34 Inbred Strains of Mice Implicates Abi3bp in Emphysema Susceptibility. American Journal of Respiratory Cell and Molecular Biology, 2017, 57, 367-375.	1.4	22
140	Do COPD subtypes really exist? COPD heterogeneity and clustering in 10 independent cohorts. Thorax, 2017, 72, 998-1006.	2.7	65
141	Alpha-1 Antitrypsin PiMZ Genotype Is Associated with Chronic Obstructive Pulmonary Disease in Two Racial Groups. Annals of the American Thoracic Society, 2017, 14, 1280-1287.	1.5	60
142	Functional interactors of three genome-wide association study genes are differentially expressed in severe chronic obstructive pulmonary disease lung tissue. Scientific Reports, 2017, 7, 44232.	1.6	76
143	Progress in disease progression genetics: dissecting the genetic origins of lung function decline in COPD. Thorax, 2017, 72, 389-390.	2.7	5
144	On the association analysis of genomeâ€sequencing data: A spatial clustering approach for partitioning the entire genome into nonoverlapping windows. Genetic Epidemiology, 2017, 41, 332-340.	0.6	10

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145	Body mass index change in gastrointestinal cancer and chronic obstructive pulmonary disease is associated with Dedicator of Cytokinesis 1. Journal of Cachexia, Sarcopenia and Muscle, 2017, 8, 428-436.	2.9	13
146	The MUC5B promoter polymorphism is associated with specific interstitial lung abnormality subtypes. European Respiratory Journal, 2017, 50, 1700537.	3.1	55
147	What do polymorphisms tell us about the mechanisms of COPD?. Clinical Science, 2017, 131, 2847-2863.	1.8	15
148	Surfactant protein D is a causal risk factor for COPD: results of Mendelian randomisation. European Respiratory Journal, 2017, 50, 1700657.	3.1	45
149	Sex-Based Genetic Association Study Identifies CELSR1 as a Possible Chronic Obstructive Pulmonary Disease Risk Locus among Women. American Journal of Respiratory Cell and Molecular Biology, 2017, 56, 332-341.	1.4	28
150	Visual Assessment of Chest Computed Tomographic Images Is Independently Useful for Genetic Association Analysis in Studies of Chronic Obstructive Pulmonary Disease. Annals of the American Thoracic Society, 2017, 14, 33-40.	1.5	15
151	Susceptibility to Childhood Pneumonia: A Genome-Wide Analysis. American Journal of Respiratory Cell and Molecular Biology, 2017, 56, 20-28.	1.4	24
152	Genome-Wide Association Study of the Genetic Determinants of Emphysema Distribution. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 757-771.	2.5	45
153	Influence of <scp>SIGLEC9</scp> polymorphisms on <scp>COPD</scp> phenotypes including exacerbation frequency. Respirology, 2017, 22, 684-690.	1.3	27
154	The value of blood cytokines and chemokines in assessing COPD. Respiratory Research, 2017, 18, 180.	1.4	83
155	Clustering with Domain-Specific Usefulness Scores. , 2017, , 207-215.		5
156	A Likelihood-Free Approach for Characterizing Heterogeneous Diseases in Large-Scale Studies. Lecture Notes in Computer Science, 2017, 10265, 170-183.	1.0	9
157	Genetics and Genomics of Longitudinal Lung Function Patterns in Individuals with Asthma. American Journal of Respiratory and Critical Care Medicine, 2016, 194, 1465-1474.	2.5	20
158	FARVATX: Familyâ€Based Rare Variant Association Test for Xâ€Linked Genes. Genetic Epidemiology, 2016, 40, 475-485.	0.6	5
159	Interpretable Clustering via Discriminative Rectangle Mixture Model. , 2016, , .		11
160	Genetic regulation of expression of leukotriene A4 hydrolase. ERJ Open Research, 2016, 2, 00058-2015.	1.1	10
161	Patterns of Growth and Decline in Lung Function in Persistent Childhood Asthma. New England Journal of Medicine, 2016, 374, 1842-1852.	13.9	456
162	Identifying a Deletion Affecting Total Lung Capacity Among Subjects in the COPDGene Study Cohort. Genetic Epidemiology, 2016, 40, 81-88.	0.6	5

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163	DNA methylation profiling in human lung tissue identifies genes associated with COPD. Epigenetics, 2016, 11, 730-739.	1.3	73
164	Boosting Gene Mapping Power and Efficiency with Efficient Exact Variance Component Tests of Single Nucleotide Polymorphism Sets. Genetics, 2016, 204, 921-931.	1.2	13
165	COPD subtypes identified by network-based clustering of blood gene expression. Genomics, 2016, 107, 51-58.	1.3	49
166	Exome Array Analysis Identifies a Common Variant in IL27 Associated with Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2016, 194, 48-57.	2.5	52
167	Association Between Interstitial Lung Abnormalities and All-Cause Mortality. JAMA - Journal of the American Medical Association, 2016, 315, 672.	3.8	333
168	A Chronic Obstructive Pulmonary Disease Susceptibility Gene, FAM13A, Regulates Protein Stability of Î²-Catenin. American Journal of Respiratory and Critical Care Medicine, 2016, 194, 185-197.	2.5	101
169	Exome Sequencing Analysis in Severe, Early-Onset Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2016, 193, 1353-1363.	2.5	46
170	Sex-specific features of emphysema among current and former smokers with COPD. European Respiratory Journal, 2016, 47, 104-112.	3.1	55
171	Common Genetic Polymorphisms Influence Blood Biomarker Measurements in COPD. PLoS Genetics, 2016, 12, e1006011.	1.5	88
172	Hemizygous Deletion on Chromosome 3p26.1 Is Associated with Heavy Smoking among African American Subjects in the COPDGene Study. PLoS ONE, 2016, 11, e0164134.	1.1	4
173	A genome-wide association study identifies risk loci for spirometric measures among smokers of European and African ancestry. BMC Genetics, 2015, 16, 138.	2.7	119
174	The impact of genetic variation and cigarette smoke on DNA methylation in current and former smokers from the COPDGene study. Epigenetics, 2015, 10, 1064-1073.	1.3	31
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176	IREB2 and GALC Are Associated with Pulmonary Artery Enlargement in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory Cell and Molecular Biology, 2015, 52, 365-376.	1.4	26
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