Edwin K Silverman

List of Publications by Year in Descending Order

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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.

316 papers	21,208 citations	78 h-index	137 g-index
343 ext. papers	26,324 ext. citations	9 avg, IF	6.35 L-index

#	Paper	IF	Citations
316	Genetic determinants of telomere length from 109,122 ancestrally diverse whole-genome sequences in TOPMed.. *Cell Genomics*, **2022**, 2, 100084-100084		1
315	Optimism is associated with respiratory symptoms and functional status in chronic obstructive pulmonary disease.. *Respiratory Research*, **2022**, 23, 19	7.3	0
314	Protein interaction networks provide insight into fetal origins of chronic obstructive pulmonary disease.. *Respiratory Research*, **2022**, 23, 69	7.3	0
313	Mendelian randomization supports bidirectional causality between telomere length and clonal hematopoiesis of indeterminate potential.. *Science Advances*, **2022**, 8, eabl6579	14.3	3
312	Lung tissue shows divergent gene expression between chronic obstructive pulmonary disease and idiopathic pulmonary fibrosis.. *Respiratory Research*, **2022**, 23, 97	7.3	0
311	Genetics of chronic obstructive pulmonary disease: understanding the pathobiology and heterogeneity of a complex disorder.. *Lancet Respiratory Medicine,the*, **2022**,	35.1	7
310	Covariate adjustment of spirometric and smoking phenotypes: The potential of neural network models.. *PLoS ONE*, **2022**, 17, e0266752	3.7	
309	The Value of Rare Genetic Variation in the Prediction of Common Obesity in European Ancestry Populations.. *Frontiers in Endocrinology*, **2022**, 13, 863893	5.7	
308	Markers of disease activity in COPD: an 8-year mortality study in the ECLIPSE cohort. *European Respiratory Journal*, **2021**, 57,	13.6	6
307	Interstitial Lung Abnormalities, Emphysema and Spirometry in Smokers. *Chest*, **2021**,	5.3	1
306	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,	11.5	1
305	Alternative poly-adenylation modulates 1-antitrypsin expression in chronic obstructive pulmonary disease. *PLoS Genetics*, **2021**, 17, e1009912	6	1
304	Lung proteomic biomarkers associated with chronic obstructive pulmonary disease. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2021**, 321, L1119-L1130	5.8	1
303	Improved prediction of smoking status via isoform-aware RNA-seq deep learning models. *PLoS Computational Biology*, **2021**, 17, e1009433	5	0
302	Clinical epigenetics settings for cancer and cardiovascular diseases: real-life applications of network medicine at the bedside. *Clinical Epigenetics*, **2021**, 13, 66	7.7	9
301	Soluble receptor for advanced glycation end products (sRAGE) as a biomarker of COPD. *Respiratory Research*, **2021**, 22, 127	7.3	7
300	A fast and efficient smoothing approach to Lasso regression and an application in statistical genetics: polygenic risk scores for chronic obstructive pulmonary disease (COPD). *Statistics and Computing*, **2021**, 31, 1	1.8	1

299	Heterozygosity of the Alpha 1-Antitrypsin Pi*Z Allele and Risk of Liver Disease. *Hepatology Communications*, **2021**, 5, 1348-1361	6	4
298	Identification of putative causal loci in whole-genome sequencing data via knockoff statistics. *Nature Communications*, **2021**, 12, 3152	17.4	3
297	Connecting COPD GWAS Genes: FAM13A Controls TGF Secretion by Modulating AP-3 Transport. *American Journal of Respiratory Cell and Molecular Biology*, **2021**, 65, 532-543	5.7	1
296	Genome-wide association analysis of COVID-19 mortality risk in SARS-CoV-2 genomes identifies mutation in the SARS-CoV-2 spike protein that colocalizes with P.1 of the Brazilian strain. *Genetic Epidemiology*, **2021**, 45, 685-693	2.6	2
295	Secondary polycythemia in chronic obstructive pulmonary disease: prevalence and risk factors. *BMC Pulmonary Medicine*, **2021**, 21, 235	3.5	3
294	An Integrative Genomic Strategy Identifies sRAGE as a Causal and Protective Biomarker of Lung Function. *Chest*, **2021**,	5.3	1
293	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	5.8	2
292	Epigenetics and pulmonary diseases in the horizon of precision medicine: a review. *European Respiratory Journal*, **2021**, 57,	13.6	7
291	locStra: Fast analysis of regional/global stratification in whole-genome sequencing studies. *Genetic Epidemiology*, **2021**, 45, 82-98	2.6	5
290	Genome-Wide Gene-by-Smoking Interaction Study of Chronic Obstructive Pulmonary Disease. *American Journal of Epidemiology*, **2021**, 190, 875-885	3.8	9
289	Sex-specific associations with DNA methylation in lung tissue demonstrate smoking interactions. *Epigenetics*, **2021**, 16, 692-703	5.7	6
288	DNA methylation perturbations may link altered development and aging in the lung. *Aging*, **2021**, 13, 1742-1764	5.6	3
287	Sequencing of 53,831 diverse genomes from the NHLBI TOPMed Program. *Nature*, **2021**, 590, 290-299	50.4	268
286	Genetic Variation in the Mitochondrial Glycerol-3-Phosphate Acyltransferase Is Associated With Liver Injury. *Hepatology*, **2021**, 74, 3394-3408	11.2	0
285	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	5.7	2
284	Pulmonary Artery Enlargement Is Associated with Exacerbations and Mortality in Ever-Smokers with Preserved Ratio Impaired Spirometry. *American Journal of Respiratory and Critical Care Medicine*, **2021**, 204, 481-485	10.2	1
283	Population sequencing data reveal a compendium of mutational processes in the human germ line. *Science*, **2021**, 373, 1030-1035	33.3	7
282	Hedgehog interacting protein-expressing lung fibroblasts suppress lymphocytic inflammation in mice. *JCI Insight*, **2021**, 6,	9.9	1

281	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**,	10.3	1
280	Significant Spirometric Transitions and Preserved Ratio Impaired Spirometry Among Ever Smokers. *Chest*, **2021**,	5.3	2
279	Increased mortality associated with frequent exacerbations in COPD patients with mild-to-moderate lung function impairment, and smokers with normal spirometry. *Respiratory Medicine: X*, **2021**, 3, 100025	1.6	1
278	Interaction of Cigarette Smoking and Polygenic Risk Score on Reduced Lung Function.. *JAMA Network Open*, **2021**, 4, e2139525	10.4	3
277	Heme metabolism genes Downregulated in COPD Cachexia. *Respiratory Research*, **2020**, 21, 100	7.3	0
276	Validation of a method to assess emphysema severity by spirometry in the COPDGene study. *Respiratory Research*, **2020**, 21, 103	7.3	2
275	Machine Learning and Prediction of All-Cause Mortality in COPD. *Chest*, **2020**, 158, 952-964	5.3	15
274	Low FVC/TLC in Preserved Ratio Impaired Spirometry (PRISm) is associated with features of and progression to obstructive lung disease. *Scientific Reports*, **2020**, 10, 5169	4.9	8
273	Integrated transcriptomic correlation network analysis identifies COPD molecular determinants. *Scientific Reports*, **2020**, 10, 3361	4.9	18
272	Pulmonary artery enlargement and mortality risk in moderate to severe COPD: results from COPDGene. *European Respiratory Journal*, **2020**, 55,	13.6	9
271	Luminal Plugging on Chest CT Scan: Association With Lung Function, Quality of Life, and COPD Clinical Phenotypes. *Chest*, **2020**, 158, 121-130	5.3	10
270	A Between Ethnicities Comparison of Chronic Obstructive Pulmonary Disease Genetic Risk. *Frontiers in Genetics*, **2020**, 11, 329	4.5	4
269	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,	5.6	2
268	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. *Radiology*, **2020**, 295, 218-226	29.5	24
267	The Association of Multiparity with Lung Function and Chronic Obstructive Pulmonary Disease-Related Phenotypes. *Chronic Obstructive Pulmonary Diseases (Miami, Fla)*, **2020**, 7, 86-98	2.7	3
266	A Risk Prediction Model for Mortality Among Smokers in the COPDGene Study. *Chronic Obstructive Pulmonary Diseases (Miami, Fla)*, **2020**, 7, 346-361	2.7	3
265	Letter to the Editor: Response by Authors. *Chronic Obstructive Pulmonary Diseases (Miami, Fla)*, **2020**, 7, 82-85	2.7	
264	Discovering the genes mediating the interactions between chronic respiratory diseases in the human interactome. *Nature Communications*, **2020**, 11, 811	17.4	13

263	Subtyping COPD by Using Visual and Quantitative CT Imaging Features. *Chest*, **2020**, 157, 47-60	5.3	25
262	Genetics of COPD. *Annual Review of Physiology*, **2020**, 82, 413-431	23.1	36
261	Machine Learning Characterization of COPD Subtypes: Insights From the COPDGene Study. *Chest*, **2020**, 157, 1147-1157	5.3	18
260	A flexible and nearly optimal sequential testing approach to randomized testing: QUICK-STOP. *Genetic Epidemiology*, **2020**, 44, 139-147	2.6	2
259	Deep Learning Enables Automatic Classification of Emphysema Pattern at CT. *Radiology*, **2020**, 294, 434-444	20.5	40
258	Whole genome sequence analysis of pulmonary function and COPD in 19,996 multi-ethnic participants. *Nature Communications*, **2020**, 11, 5182	17.4	6
257	Inherited causes of clonal haematopoiesis in 97,691 whole genomes. *Nature*, **2020**, 586, 763-768	50.4	127
256	ADAM15 expression is increased in lung CD8 T cells, macrophages, and bronchial epithelial cells in patients with COPD and is inversely related to airflow obstruction. *Respiratory Research*, **2020**, 21, 188	7.3	3
255	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	35.1	29
254	Somatotypes trajectories during adulthood and their association with COPD phenotypes. *ERJ Open Research*, **2020**, 6,	3.5	3
253	Diffuse Idiopathic Skeletal Hyperostosis in Smokers and Restrictive Spirometry Pattern: An Analysis of the COPDGene Cohort. *Journal of Rheumatology*, **2020**, 47, 531-538	4.1	4
252	Molecular networks in Network Medicine: Development and applications. *Wiley Interdisciplinary Reviews: Systems Biology and Medicine*, **2020**, 12, e1489	6.6	63
251	Genome-Wide Association Analysis of Single-Breath Dl. *American Journal of Respiratory Cell and Molecular Biology*, **2019**, 60, 523-531	5.7	4
250	It's more than low BMI: prevalence of cachexia and associated mortality in COPD. *Respiratory Research*, **2019**, 20, 100	7.3	34
249	Subjects with diffuse idiopathic skeletal hyperostosis have an increased burden of coronary artery disease: An evaluation in the COPDGene cohort. *Atherosclerosis*, **2019**, 287, 24-29	3.1	10
248	Turning subtypes into disease axes to improve prediction of COPD progression. *Thorax*, **2019**, 74, 906-909	7.3	2
247	The St. George's Respiratory Questionnaire Definition of Chronic Bronchitis May Be a Better Predictor of COPD Exacerbations Compared With the Classic Definition. *Chest*, **2019**, 156, 685-695	5.3	19
246	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	10.2	53

245	Reported environmental exposures are inversely associated with obtaining a genetic diagnosis in the Undiagnosed Diseases Network. *American Journal of Medical Genetics, Part A*, **2019**, 179, 958-965	2.5	3
244	Reply to Marruchella: Preserved Ratio Impaired Spirometry and Interstitial Lung Abnormalities in Smokers. *American Journal of Respiratory and Critical Care Medicine*, **2019**, 199, 1293-1294	10.2	0
243	Genetic Advances in Chronic Obstructive Pulmonary Disease. Insights from COPDGene. *American Journal of Respiratory and Critical Care Medicine*, **2019**, 200, 677-690	10.2	31
242	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	5.6	8
241	RNA-sequencing across three matched tissues reveals shared and tissue-specific gene expression and pathway signatures of COPD. *Respiratory Research*, **2019**, 20, 65	7.3	20
240	Assessing pleiotropy and mediation in genetic loci associated with chronic obstructive pulmonary disease. *Genetic Epidemiology*, **2019**, 43, 318-329	2.6	3
239	New genetic signals for lung function highlight pathways and chronic obstructive pulmonary disease associations across multiple ancestries. *Nature Genetics*, **2019**, 51, 481-493	36.3	156
238	Genetic landscape of chronic obstructive pulmonary disease identifies heterogeneous cell-type and phenotype associations. *Nature Genetics*, **2019**, 51, 494-505	36.3	119
237	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	10.2	23
236	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	4.9	7
235	Overlap of Genetic Risk between Interstitial Lung Abnormalities and Idiopathic Pulmonary Fibrosis. *American Journal of Respiratory and Critical Care Medicine*, **2019**, 200, 1402-1413	10.2	37
234	DSP variants may be associated with longitudinal change in quantitative emphysema. *Respiratory Research*, **2019**, 20, 160	7.3	4
233	Analysis of genetically driven alternative splicing identifies FBXO38 as a novel COPD susceptibility gene. *PLoS Genetics*, **2019**, 15, e1008229	6	9
232	Clinical Epidemiology of COPD: Insights From 10 Years of the COPDGene Study. *Chest*, **2019**, 156, 228-238	9.3	29
231	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	11	4
230	Genetics and epidemiology of AATD **2019**, 27-38		4
229	Mortality and Exacerbations by Global Initiative for Chronic Obstructive Lung Disease Groups ABCD: 2011 Versus 2017 in the COPDGene Cohort. *Chronic Obstructive Pulmonary Diseases (Miami, Fla)*, **2019**, 6, 64-73	2.7	22
228	COPDGene 2019: Redefining the Diagnosis of Chronic Obstructive Pulmonary Disease. *Chronic Obstructive Pulmonary Diseases (Miami, Fla)*, **2019**, 6, 384-399	2.7	61

227	Subtypes of COPD Have Unique Distributions and Differential Risk of Mortality. *Chronic Obstructive Pulmonary Diseases (Miami, Fla)*, **2019**, 6, 400-413	2.7	13
226	Pulmonary Subtypes Exhibit Differential Global Initiative for Chronic Obstructive Lung Disease Spirometry Stage Progression: The COPDGene Study. *Chronic Obstructive Pulmonary Diseases (Miami, Fla)*, **2019**, 6, 414-429	2.7	15
225	Identification of an emphysema-associated genetic variant near with regulatory effects in lung fibroblasts. *ELife*, **2019**, 8,	8.9	12
224	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	6	90
223	GWAS and systems biology analysis of depressive symptoms among smokers from the COPDGene cohort. *Journal of Affective Disorders*, **2019**, 243, 16-22	6.6	7
222	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	11	43
221	Do sputum or circulating blood samples reflect the pulmonary transcriptomic differences of COPD patients? A multi-tissue transcriptomic network META-analysis. *Respiratory Research*, **2019**, 20, 5	7.3	4
220	Functional Assays to Screen and Dissect Genomic Hits: Doubling Down on the National Investment in Genomic Research. *Circulation Genomic and Precision Medicine*, **2018**, 11, e002178	5.2	16
219	Asthma Is a Risk Factor for Respiratory Exacerbations Without Increased Rate of Lung Function Decline: Five-Year Follow-up in Adult Smokers From the COPDGene Study. *Chest*, **2018**, 153, 368-377	5.3	11
218	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	10.2	29
217	Pectoralis muscle area and mortality in smokers without airflow obstruction. *Respiratory Research*, **2018**, 19, 62	7.3	24
216	Blood eosinophil count thresholds and exacerbations in patients with chronic obstructive pulmonary disease. *Journal of Allergy and Clinical Immunology*, **2018**, 141, 2037-2047.e10	11.5	95
215	Disease Severity Dependence of the Longitudinal Association Between CT Lung Density and Lung Function in Smokers. *Chest*, **2018**, 153, 638-645	5.3	12
214	Lobar Emphysema Distribution Is Associated With 5-Year Radiological Disease Progression. *Chest*, **2018**, 153, 65-76	5.3	23
213	Integrative genomics identifies new genes associated with severe COPD and emphysema. *Respiratory Research*, **2018**, 19, 46	7.3	9
212	Ensemble genomic analysis in human lung tissue identifies novel genes for chronic obstructive pulmonary disease. *Human Genomics*, **2018**, 12, 1	6.8	20
211	Longitudinal Phenotypes and Mortality in Preserved Ratio Impaired Spirometry in the COPDGene Study. *American Journal of Respiratory and Critical Care Medicine*, **2018**, 198, 1397-1405	10.2	59
210	Elevated circulating MMP-9 is linked to increased COPD exacerbation risk in SPIROMICS and COPDGene. *JCI Insight*, **2018**, 3,	9.9	19

209	Systemic Markers of Adaptive and Innate Immunity Are Associated with Chronic Obstructive Pulmonary Disease Severity and Spirometric Disease Progression. *American Journal of Respiratory Cell and Molecular Biology*, **2018**, 58, 500-509	5.7	21
208	Applying Functional Genomics to Chronic Obstructive Pulmonary Disease. *Annals of the American Thoracic Society*, **2018**, 15, S239-S242	4.7	6
207	Expert Panel Discusses the Importance of Systems Medicine. *Systems Medicine (New Rochelle, N Y)*, **2018**, 1, 3-8	1.6	1
206	Association Between Titin Loss-of-Function Variants and Early-Onset Atrial Fibrillation. *JAMA - Journal of the American Medical Association*, **2018**, 320, 2354-2364	27.4	75
205	Integration of Molecular Interactome and Targeted Interaction Analysis to Identify a COPD Disease Network Module. *Scientific Reports*, **2018**, 8, 14439	4.9	21
204	Genomics and response to long-term oxygen therapy in chronic obstructive pulmonary disease. *Journal of Molecular Medicine*, **2018**, 96, 1375-1385	5.5	8
203	Childhood asthma is associated with COPD and known asthma variants in COPDGene: a genome-wide association study. *Respiratory Research*, **2018**, 19, 209	7.3	22
202	CT-based Visual Classification of Emphysema: Association with Mortality in the COPDGene Study. *Radiology*, **2018**, 288, 859-866	20.5	80
201	Identification of Chronic Obstructive Pulmonary Disease Axes That Predict All-Cause Mortality: The COPDGene Study. *American Journal of Epidemiology*, **2018**, 187, 2109-2116	3.8	14
200	Controllability in an islet specific regulatory network identifies the transcriptional factor NFATC4, which regulates Type 2 Diabetes associated genes. *Npj Systems Biology and Applications*, **2018**, 4, 25	5	14
199	Whole-Genome Sequencing in Severe Chronic Obstructive Pulmonary Disease. *American Journal of Respiratory Cell and Molecular Biology*, **2018**, 59, 614-622	5.7	14
198	The Undiagnosed Diseases Network: Accelerating Discovery about Health and Disease. *American Journal of Human Genetics*, **2017**, 100, 185-192	11	102
197	Association Between Telomere Length and Risk of Cancer and Non-Neoplastic Diseases: A Mendelian Randomization Study. *JAMA Oncology*, **2017**, 3, 636-651	13.4	236
196	Genetic loci associated with chronic obstructive pulmonary disease overlap with loci for lung function and pulmonary fibrosis. *Nature Genetics*, **2017**, 49, 426-432	36.3	201
195	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	36.3	170
194	Transcriptomic Analysis of Lung Tissue from Cigarette Smoke-Induced Emphysema Murine Models and Human Chronic Obstructive Pulmonary Disease Show Shared and Distinct Pathways. *American Journal of Respiratory Cell and Molecular Biology*, **2017**, 57, 47-58	5.7	22
193	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	5.7	37
192	Metabolomic profiling in a Hedgehog Interacting Protein (Hhip) murine model of chronic obstructive pulmonary disease. *Scientific Reports*, **2017**, 7, 2504	4.9	11

191	Do COPD subtypes really exist? COPD heterogeneity and clustering in 10 independent cohorts. *Thorax*, **2017**, 72, 998-1006	7.3	40
190	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	4.7	39
189	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	4.9	57
188	On the association analysis of genome-sequencing data: A spatial clustering approach for partitioning the entire genome into nonoverlapping windows. *Genetic Epidemiology*, **2017**, 41, 332-340	2.6	8
187	Lung Mass in Smokers. *Academic Radiology*, **2017**, 24, 386-392	4.3	10
186	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	10.3	7
185	Big Data and Network Medicine in COPD **2017**, 321-332		
184	RNA sequencing identifies novel non-coding RNA and exon-specific effects associated with cigarette smoking. *BMC Medical Genomics*, **2017**, 10, 58	3.7	29
183	The value of blood cytokines and chemokines in assessing COPD. *Respiratory Research*, **2017**, 18, 180	7.3	62
182	The promoter polymorphism is associated with specific interstitial lung abnormality subtypes. *European Respiratory Journal*, **2017**, 50,	13.6	34
181	Electronic Cigarette Use in US Adults at Risk for or with COPD: Analysis from Two Observational Cohorts. *Journal of General Internal Medicine*, **2017**, 32, 1315-1322	4	48
180	Chest computed tomography-derived low‐fat-free mass index and mortality in COPD. *European Respiratory Journal*, **2017**, 50,	13.6	29
179	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	5.7	22
178	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	4.7	13
177	Susceptibility to Childhood Pneumonia: A Genome-Wide Analysis. *American Journal of Respiratory Cell and Molecular Biology*, **2017**, 56, 20-28	5.7	17
176	A Bayesian Nonparametric Model for Disease Subtyping: Application to Emphysema Phenotypes. *IEEE Transactions on Medical Imaging*, **2017**, 36, 343-354	11.7	13
175	Genome-Wide Association Study of the Genetic Determinants of Emphysema Distribution. *American Journal of Respiratory and Critical Care Medicine*, **2017**, 195, 757-771	10.2	33
174	Influence of SIGLEC9 polymorphisms on COPD phenotypes including exacerbation frequency. *Respirology*, **2017**, 22, 684-690	3.6	19

173	Estimating drivers of cell state transitions using gene regulatory network models. *BMC Systems Biology*, **2017**, 11, 139	3.5	9
172	Network Medicine **2017**,		36
171	Serum Proteins Associated with Emphysema Progression in Severe Alpha-1 Antitrypsin Deficiency. *Chronic Obstructive Pulmonary Diseases (Miami, Fla)*, **2017**, 4, 204-216	2.7	3
170	Blockers are associated with a reduction in COPD exacerbations. *Thorax*, **2016**, 71, 8-14	7.3	78
169	DNA methylation profiling in human lung tissue identifies genes associated with COPD. *Epigenetics*, **2016**, 11, 730-739	5.7	48
168	Hhip haploinsufficiency sensitizes mice to age-related emphysema. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, E4681-7	11.5	43
167	Clinical, physiologic, and radiographic factors contributing to development of hypoxemia in moderate to severe COPD: a cohort study. *BMC Pulmonary Medicine*, **2016**, 16, 169	3.5	13
166	COPD subtypes identified by network-based clustering of blood gene expression. *Genomics*, **2016**, 107, 51-58	4.3	30
165	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	10.2	37
164	Desmoplakin Variants Are Associated with Idiopathic Pulmonary Fibrosis. *American Journal of Respiratory and Critical Care Medicine*, **2016**, 193, 1151-60	10.2	46
163	Association Between Interstitial Lung Abnormalities and All-Cause Mortality. *JAMA - Journal of the American Medical Association*, **2016**, 315, 672-81	27.4	209
162	A Chronic Obstructive Pulmonary Disease Susceptibility Gene, FAM13A, Regulates Protein Stability of Catenin. *American Journal of Respiratory and Critical Care Medicine*, **2016**, 194, 185-97	10.2	74
161	Association between Functional Small Airway Disease and FEV1 Decline in Chronic Obstructive Pulmonary Disease. *American Journal of Respiratory and Critical Care Medicine*, **2016**, 194, 178-84	10.2	194
160	Utilizing the Jaccard index to reveal population stratification in sequencing data: a simulation study and an application to the 1000 Genomes Project. *Bioinformatics*, **2016**, 32, 1366-72	7.2	29
159	Mitochondrial iron chelation ameliorates cigarette smoke-induced bronchitis and emphysema in mice. *Nature Medicine*, **2016**, 22, 163-74	50.5	136
158	Exome Sequencing Analysis in Severe, Early-Onset Chronic Obstructive Pulmonary Disease. *American Journal of Respiratory and Critical Care Medicine*, **2016**, 193, 1353-63	10.2	35
157	Sex-specific features of emphysema among current and former smokers with COPD. *European Respiratory Journal*, **2016**, 47, 104-12	13.6	37
156	Common Genetic Polymorphisms Influence Blood Biomarker Measurements in COPD. *PLoS Genetics* , **2016**, 12, e1006011	6	64

155	Hemizygous Deletion on Chromosome 3p26.1 Is Associated with Heavy Smoking among African American Subjects in the COPDGene Study. *PLoS ONE*, **2016**, 11, e0164134	3.7	4
154	Pulmonary Predictors of Incident Diabetes in Smokers. *Chronic Obstructive Pulmonary Diseases (Miami, Fla)*, **2016**, 3, 739-747	2.7	9
153	FARVATX: Family-Based Rare Variant Association Test for X-Linked Genes. *Genetic Epidemiology*, **2016**, 40, 475-85	2.6	3
152	Persistent and Newly Developed Chronic Bronchitis Are Associated with Worse Outcomes in Chronic Obstructive Pulmonary Disease. *Annals of the American Thoracic Society*, **2016**, 13, 1016-25	4.7	27
151	Interpretable Clustering via Discriminative Rectangle Mixture Model **2016**,		5
150	Sarcopenic Obesity, Functional Outcomes, and Systemic Inflammation in Patients With Chronic Obstructive Pulmonary Disease. *Journal of the American Medical Directors Association*, **2016**, 17, 712-8	5.9	41
149	Risk of Lung Disease in PI MZ Heterozygotes. Current Status and Future Research Directions. *Annals of the American Thoracic Society*, **2016**, 13 Suppl 4, S341-5	4.7	15
148	Increasing Generality and Power of Rare-Variant Tests by Utilizing Extended Pedigrees. *American Journal of Human Genetics*, **2016**, 99, 846-859	11	13
147	Identifying a Deletion Affecting Total Lung Capacity Among Subjects in the COPDGene Study Cohort. *Genetic Epidemiology*, **2016**, 40, 81-8	2.6	4
146	A genome-wide association study of chronic obstructive pulmonary disease in Hispanics. *Annals of the American Thoracic Society*, **2015**, 12, 340-8	4.7	35
145	Circulating soluble receptor for advanced glycation end products (sRAGE) as a biomarker of emphysema and the RAGE axis in the lung. *American Journal of Respiratory and Critical Care Medicine*, **2015**, 192, 785-92	10.2	70
144	Clinical and Radiologic Disease in Smokers With Normal Spirometry. *JAMA Internal Medicine*, **2015**, 175, 1539-49	11.5	243
143	IREB2 and GALC are associated with pulmonary artery enlargement in chronic obstructive pulmonary disease. *American Journal of Respiratory Cell and Molecular Biology*, **2015**, 52, 365-76	5.7	23
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