

Brian D Hobbs

List of Publications by Citations

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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.

62

papers

1,595

citations

19

h-index

39

g-index

87

ext. papers

2,491

ext. citations

9.9

avg, IF

4.06

L-index

#	Paper	IF	Citations
62	Genetic loci associated with chronic obstructive pulmonary disease overlap with loci for lung function and pulmonary fibrosis. <i>Nature Genetics</i> , 2017 , 49, 426-432	36.3	201
61	Genome-wide association analyses for lung function and chronic obstructive pulmonary disease identify new loci and potential druggable targets. <i>Nature Genetics</i> , 2017 , 49, 416-425	36.3	170
60	New genetic signals for lung function highlight pathways and chronic obstructive pulmonary disease associations across multiple ancestries. <i>Nature Genetics</i> , 2019 , 51, 481-493	36.3	156
59	Genetic landscape of chronic obstructive pulmonary disease identifies heterogeneous cell-type and phenotype associations. <i>Nature Genetics</i> , 2019 , 51, 494-505	36.3	119
58	A Genome-Wide Association Study of Emphysema and Airway Quantitative Imaging Phenotypes. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015 , 192, 559-69	10.2	103
57	Genome-Wide Association Study of Susceptibility to Idiopathic Pulmonary Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 201, 564-574	10.2	81
56	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
55	A linear prognostic score based on the ratio of interleukin-6 to interleukin-10 predicts outcomes in COVID-19. <i>EBioMedicine</i> , 2020 , 61, 103026	8.8	48
54	Multiethnic meta-analysis identifies ancestry-specific and cross-ancestry loci for pulmonary function. <i>Nature Communications</i> , 2018 , 9, 2976	17.4	45
53	Childhood pneumonia increases risk for chronic obstructive pulmonary disease: the COPDGene study. <i>Respiratory Research</i> , 2015 , 16, 115	7.3	42
52	Genetic Association and Risk Scores in a Chronic Obstructive Pulmonary Disease Meta-analysis of 16,707 Subjects. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2017 , 57, 35-46	5.7	37
51	Exome Array Analysis Identifies a Common Variant in IL27 Associated with Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016 , 194, 48-57	10.2	37
50	Overlap of Genetic Risk between Interstitial Lung Abnormalities and Idiopathic Pulmonary Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 200, 1402-1413	10.2	37
49	Integrative genomics of chronic obstructive pulmonary disease. <i>Biochemical and Biophysical Research Communications</i> , 2014 , 452, 276-86	3.4	34
48	Genetic Advances in Chronic Obstructive Pulmonary Disease. Insights from COPDGene. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 200, 677-690	10.2	31
47	Chronic obstructive pulmonary disease and related phenotypes: polygenic risk scores in population-based and case-control cohorts. <i>Lancet Respiratory Medicine</i> , 2020 , 8, 696-708	35.1	29
46	Subtyping COPD by Using Visual and Quantitative CT Imaging Features. <i>Chest</i> , 2020 , 157, 47-60	5.3	25

45	Leveraging lung tissue transcriptome to uncover candidate causal genes in COPD genetic associations. <i>Human Molecular Genetics</i> , 2018 , 27, 1819-1829	5.6	24
44	Pneumothorax risk factors in smokers with and without chronic obstructive pulmonary disease. <i>Annals of the American Thoracic Society</i> , 2014 , 11, 1387-94	4.7	22
43	Whole exome sequencing analysis in severe chronic obstructive pulmonary disease. <i>Human Molecular Genetics</i> , 2018 , 27, 3801-3812	5.6	19
42	Surfactant protein D is a causal risk factor for COPD: results of Mendelian randomisation. <i>European Respiratory Journal</i> , 2017 , 50,	13.6	18
41	Machine Learning Characterization of COPD Subtypes: Insights From the COPDGene Study. <i>Chest</i> , 2020 , 157, 1147-1157	5.3	18
40	Machine Learning and Prediction of All-Cause Mortality in COPD. <i>Chest</i> , 2020 , 158, 952-964	5.3	15
39	Clarifying the Risk of Lung Disease in SZ Alpha-1 Antitrypsin Deficiency. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 202, 73-82	10.2	15
38	Consequences of Abrupt Cessation of Alpha-Antitrypsin Replacement Therapy. <i>New England Journal of Medicine</i> , 2020 , 382, 1478-1480	59.2	15
37	Incidentally detected lung nodules: clinical predictors of adherence to Fleischner Society surveillance guidelines. <i>Journal of Computer Assisted Tomography</i> , 2014 , 38, 89-95	2.2	13
36	Gene-based segregation method for identifying rare variants in family-based sequencing studies. <i>Genetic Epidemiology</i> , 2017 , 41, 309-319	2.6	11
35	Unsupervised discovery of phenotype-specific multi-omics networks. <i>Bioinformatics</i> , 2019 , 35, 4336-4343	7.2	11
34	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. <i>Chest</i> , 2018 , 153, 368-377	5.3	11
33	Pulmonary artery enlargement and mortality risk in moderate to severe COPD: results from COPDGene. <i>European Respiratory Journal</i> , 2020 , 55,	13.6	9
32	Analysis of genetically driven alternative splicing identifies FBXO38 as a novel COPD susceptibility gene. <i>PLoS Genetics</i> , 2019 , 15, e1008229	6	9
31	Integrative Genomics Analysis Identifies ACVR1B as a Candidate Causal Gene of Emphysema Distribution. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019 , 60, 388-398	5.7	9
30	Genome-Wide Gene-by-Smoking Interaction Study of Chronic Obstructive Pulmonary Disease. <i>American Journal of Epidemiology</i> , 2021 , 190, 875-885	3.8	9
29	Exploring the cross-phenotype network region of disease modules reveals concordant and discordant pathways between chronic obstructive pulmonary disease and idiopathic pulmonary fibrosis. <i>Human Molecular Genetics</i> , 2019 , 28, 2352-2364	5.6	8
28	Plasma Metabolomic Signatures of Chronic Obstructive Pulmonary Disease and the Impact of Genetic Variants on Phenotype-Driven Modules. <i>Network and Systems Medicine</i> , 2020 , 3, 159-181	4	8

27	Common and Rare Variants Genetic Association Analysis of Cigarettes per Day Among Ever-Smokers in Chronic Obstructive Pulmonary Disease Cases and Controls. <i>Nicotine and Tobacco Research</i> , 2019 , 21, 714-722	4.9	7
26	Genetics of chronic obstructive pulmonary disease: understanding the pathobiology and heterogeneity of a complex disorder.. <i>Lancet Respiratory Medicine</i> , 2022 ,	35.1	7
25	Intermediate versus standard dose heparin prophylaxis in COVID-19 ICU patients: A propensity score-matched analysis. <i>Thrombosis Research</i> , 2021 , 203, 57-60	8.2	6
24	Genetic variants predicting aerobic capacity response to training are also associated with skeletal muscle oxidative capacity in moderate-to-severe COPD. <i>Physiological Genomics</i> , 2018 , 50, 688-690	3.6	5
23	A Genome-Wide Linkage Study for Chronic Obstructive Pulmonary Disease in a Dutch Genetic Isolate Identifies Novel Rare Candidate Variants. <i>Frontiers in Genetics</i> , 2018 , 9, 133	4.5	5
22	New genetic signals for lung function highlight pathways and pleiotropy, and chronic obstructive pulmonary disease associations across multiple ancestries		5
21	Whole-genome sequencing association analysis of quantitative red blood cell phenotypes: The NHLBI TOPMed program. <i>American Journal of Human Genetics</i> , 2021 , 108, 874-893	11	5
20	Genetics and epidemiology of AATD 2019 , 27-38		4
19	Heterozygosity of the Alpha 1-Antitrypsin Pi*Z Allele and Risk of Liver Disease. <i>Hepatology Communications</i> , 2021 , 5, 1348-1361	6	4
18	Assessing pleiotropy and mediation in genetic loci associated with chronic obstructive pulmonary disease. <i>Genetic Epidemiology</i> , 2019 , 43, 318-329	2.6	3
17	Metabo-Endotypes of Asthma Reveal Differences in Lung Function: Discovery and Validation in two TOPMed Cohorts. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021 ,	10.2	3
16	Commercially Available Blocking Oligonucleotides Effectively Suppress Unwanted Hemolysis-Related miRNAs in a Large Whole-Blood RNA Cohort. <i>Journal of Molecular Diagnostics</i> , 2021 , 23, 671-682	5.1	3
15	Secondary polycythemia in chronic obstructive pulmonary disease: prevalence and risk factors. <i>BMC Pulmonary Medicine</i> , 2021 , 21, 235	3.5	3
14	Interaction of Cigarette Smoking and Polygenic Risk Score on Reduced Lung Function.. <i>JAMA Network Open</i> , 2021 , 4, e2139525	10.4	3
13	Relative contributions of family history and a polygenic risk score on COPD and related outcomes: COPDGene and ECLIPSE studies. <i>BMJ Open Respiratory Research</i> , 2020 , 7,	5.6	2
12	Identifying miRNA-mRNA Networks Associated With COPD Phenotypes. <i>Frontiers in Genetics</i> , 2021 , 12, 748356	4.5	2
11	Why is Disease Penetration So Variable? Role of Genetic Modifiers of Lung Function in Alpha-1 Antitrypsin Deficiency. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2020 , 7, 214-223	2.7	2
10	A systematic analysis of protein-altering exonic variants in chronic obstructive pulmonary disease. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021 , 321, L130-L143	5.8	2

9	Relationship Between Rheumatoid Arthritis and Pulmonary Function Measures on Spirometry in the UK Biobank. <i>Arthritis and Rheumatology</i> , 2021 , 73, 1994-2002	9.5	2
8	Trait Insights Gained by Comparing Genome-Wide Association Study Results using Different Chronic Obstructive Pulmonary Disease Definitions. <i>AMIA Summits on Translational Science Proceedings</i> , 2020 , 2020, 278-287	1.1	1
7	Alternative poly-adenylation modulates α -antitrypsin expression in chronic obstructive pulmonary disease. <i>PLoS Genetics</i> , 2021 , 17, e1009912	6	1
6	Whole-genome sequencing in diverse subjects identifies genetic correlates of leukocyte traits: The NHLBI TOPMed program. <i>American Journal of Human Genetics</i> , 2021 , 108, 1836-1851	11	1
5	Genetic variation in genes regulating skeletal muscle regeneration and tissue remodelling associated with weight loss in chronic obstructive pulmonary disease. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2021 ,	10.3	1
4	Genetic Variation in the Mitochondrial Glycerol-3-Phosphate Acyltransferase Is Associated With Liver Injury. <i>Hepatology</i> , 2021 , 74, 3394-3408	11.2	0
3	Lung tissue shows divergent gene expression between chronic obstructive pulmonary disease and idiopathic pulmonary fibrosis.. <i>Respiratory Research</i> , 2022 , 23, 97	7.3	0
2	Recent advancements in understanding the genetic involvement of alpha-1 antitrypsin deficiency associated lung disease: a look at future precision medicine approaches.. <i>Expert Review of Respiratory Medicine</i> , 2022 , 1-10	3.8	
1	A genome-wide association study of quantitative computed tomographic emphysema in Korean populations. <i>Scientific Reports</i> , 2021 , 11, 16692	4.9	