Dawn L Demeo

List of Publications by Citations

168 papers	9,447 citations	51 h-index	94 g-index
183 ext. papers	12,425 ext. citations	8.9 avg, IF	5.54 L-index

#	Paper	IF	Citations
168	DNA Methylation in Newborns and Maternal Smoking in Pregnancy: Genome-wide Consortium Meta-analysis. *American Journal of Human Genetics*, **2016**, 98, 680-96	11	489
167	Epigenetic Signatures of Cigarette Smoking. *Circulation: Cardiovascular Genetics*, **2016**, 9, 436-447		442
166	Transmission of lymphocytic choriomeningitis virus by organ transplantation. *New England Journal of Medicine*, **2006**, 354, 2235-49	59.2	418
165	Sex and gender: modifiers of health, disease, and medicine. *Lancet, The*, **2020**, 396, 565-582	40	347
164	Variants in FAM13A are associated with chronic obstructive pulmonary disease. *Nature Genetics*, **2010**, 42, 200-2	36.3	295
163	Sequencing of 53,831 diverse genomes from the NHLBI TOPMed Program. *Nature*, **2021**, 590, 290-299	50.4	268
162	MMP12, lung function, and COPD in high-risk populations. *New England Journal of Medicine*, **2009**, 361, 2599-608	59.2	257
161	Clinical and Radiologic Disease in Smokers With Normal Spirometry. *JAMA Internal Medicine*, **2015**, 175, 1539-49	11.5	243
160	PBAT: tools for family-based association studies. *American Journal of Human Genetics*, **2004**, 74, 367-9	11	242
159	Cigarette smoking behaviors and time since quitting are associated with differential DNA methylation across the human genome. *Human Molecular Genetics*, **2012**, 21, 3073-82	5.6	228
158	Risk loci for chronic obstructive pulmonary disease: a genome-wide association study and meta-analysis. *Lancet Respiratory Medicine,the*, **2014**, 2, 214-25	35.1	208
157	Gender differences in COPD: are women more susceptible to smoking effects than men?. *Thorax*, **2010**, 65, 480-5	7.3	192
156	A genome-wide association study of COPD identifies a susceptibility locus on chromosome 19q13. *Human Molecular Genetics*, **2012**, 21, 947-57	5.6	181
155	The transforming growth factor-beta1 (TGFB1) gene is associated with chronic obstructive pulmonary disease (COPD). *Human Molecular Genetics*, **2004**, 13, 1649-56	5.6	176
154	Variable DNA methylation is associated with chronic obstructive pulmonary disease and lung function. *American Journal of Respiratory and Critical Care Medicine*, **2012**, 185, 373-81	10.2	163
153	Genomic screening and replication using the same data set in family-based association testing. *Nature Genetics*, **2005**, 37, 683-91	36.3	160
152	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

151	Attempted replication of reported chronic obstructive pulmonary disease candidate gene associations. *American Journal of Respiratory Cell and Molecular Biology*, **2005**, 33, 71-8	5.7	155
150	The SERPINE2 gene is associated with chronic obstructive pulmonary disease. *American Journal of Human Genetics*, **2006**, 78, 253-64	11	143
149	Mitochondrial iron chelation ameliorates cigarette smoke-induced bronchitis and emphysema in mice. *Nature Medicine*, **2016**, 22, 163-74	50.5	136
148	Early-onset chronic obstructive pulmonary disease is associated with female sex, maternal factors, and African American race in the COPDGene Study. *American Journal of Respiratory and Critical Care Medicine*, **2011**, 184, 414-20	10.2	135
147	Power and design considerations for a general class of family-based association tests: quantitative traits. *American Journal of Human Genetics*, **2002**, 71, 1330-41	11	124
146	Genetic landscape of chronic obstructive pulmonary disease identifies heterogeneous cell-type and phenotype associations. *Nature Genetics*, **2019**, 51, 494-505	36.3	119
145	Integration of genomic and genetic approaches implicates IREB2 as a COPD susceptibility gene. *American Journal of Human Genetics*, **2009**, 85, 493-502	11	118
144	Genetic determinants of emphysema distribution in the national emphysema treatment trial. *American Journal of Respiratory and Critical Care Medicine*, **2007**, 176, 42-8	10.2	116
143	Genetic association analysis of functional impairment in chronic obstructive pulmonary disease. *American Journal of Respiratory and Critical Care Medicine*, **2006**, 173, 977-84	10.2	100
142	Optimism and Cause-Specific Mortality: A Prospective Cohort Study. *American Journal of Epidemiology*, **2017**, 185, 21-29	3.8	98
141	Polymorphisms in IL13, total IgE, eosinophilia, and asthma exacerbations in childhood. *Journal of Allergy and Clinical Immunology*, **2007**, 120, 84-90	11.5	93
140	A genome-wide association study identifies risk loci for spirometric measures among smokers of European and African ancestry. *BMC Genetics*, **2015**, 16, 138	2.6	84
139	Molecular biomarkers for quantitative and discrete COPD phenotypes. *American Journal of Respiratory Cell and Molecular Biology*, **2009**, 40, 359-67	5.7	84
138	Meta-analysis of epigenome-wide association studies in neonates reveals widespread differential DNA methylation associated with birthweight. *Nature Communications*, **2019**, 10, 1893	17.4	79
137	Determinants of airflow obstruction in severe alpha-1-antitrypsin deficiency. *Thorax*, **2007**, 62, 806-13	7.3	78
136	Using the noninformative families in family-based association tests: a powerful new testing strategy. *American Journal of Human Genetics*, **2003**, 73, 801-11	11	77
135	The nasal methylome as a biomarker of asthma and airway inflammation in children. *Nature Communications*, **2019**, 10, 3095	17.4	72
134	Fetal lung and placental methylation is associated with in utero nicotine exposure. *Epigenetics*, **2014**, 9, 1473-84	5.7	72

133	Persistent DNA methylation changes associated with prenatal mercury exposure and cognitive performance during childhood. *Scientific Reports*, **2017**, 7, 288	4.9	71
132	Sex Differences in Gene Expression and Regulatory Networks across 29 Human Tissues. *Cell Reports* , **2020**, 31, 107795	10.6	67
131	Common Genetic Polymorphisms Influence Blood Biomarker Measurements in COPD. *PLoS Genetics* , **2016**, 12, e1006011	6	64
130	IL10 polymorphisms are associated with airflow obstruction in severe alpha1-antitrypsin deficiency. *American Journal of Respiratory Cell and Molecular Biology*, **2008**, 38, 114-20	5.7	63
129	Predictors of survival in severe, early onset COPD. *Chest*, **2004**, 126, 1443-51	5.3	63
128	The value of blood cytokines and chemokines in assessing COPD. *Respiratory Research*, **2017**, 18, 180	7.3	62
127	Prediction of acute respiratory disease in current and former smokers with and without COPD. *Chest*, **2014**, 146, 941-950	5.3	61
126	Polymorphisms in surfactant protein-D are associated with chronic obstructive pulmonary disease. *American Journal of Respiratory Cell and Molecular Biology*, **2011**, 44, 316-22	5.7	61
125	COPDGene 2019: Redefining the Diagnosis of Chronic Obstructive Pulmonary Disease. *Chronic Obstructive Pulmonary Diseases (Miami, Fla)*, **2019**, 6, 384-399	2.7	61
124	Smoking duration alone provides stronger risk estimates of chronic obstructive pulmonary disease than pack-years. *Thorax*, **2018**, 73, 414-421	7.3	60
123	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
122	Prenatal Particulate Air Pollution and DNA Methylation in Newborns: An Epigenome-Wide Meta-Analysis. *Environmental Health Perspectives*, **2019**, 127, 57012	8.4	58
121	A whole-blood transcriptome meta-analysis identifies gene expression signatures of cigarette smoking. *Human Molecular Genetics*, **2016**, 25, 4611-4623	5.6	58
120	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
119	Genome-wide linkage of forced mid-expiratory flow in chronic obstructive pulmonary disease. *American Journal of Respiratory and Critical Care Medicine*, **2004**, 170, 1294-301	10.2	54
118	Systemic steroid exposure is associated with differential methylation in chronic obstructive pulmonary disease. *American Journal of Respiratory and Critical Care Medicine*, **2012**, 186, 1248-55	10.2	52
117	A new powerful non-parametric two-stage approach for testing multiple phenotypes in family-based association studies. *Human Heredity*, **2003**, 56, 10-7	1.1	51
116	Circulating polymers in 1-antitrypsin deficiency. *European Respiratory Journal*, **2014**, 43, 1501-4	13.6	50

115	Ambient air pollution and oxygen saturation. *American Journal of Respiratory and Critical Care Medicine*, **2004**, 170, 383-7	10.2	49
114	DNA methylation profiling in human lung tissue identifies genes associated with COPD. *Epigenetics*, **2016**, 11, 730-739	5.7	48
113	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
112	Exposure to Low Levels of Lead and Umbilical Cord Blood DNA Methylation in Project Viva: An Epigenome-Wide Association Study. *Environmental Health Perspectives*, **2017**, 125, 087019	8.4	46
111	Maternal Gestational Diabetes Mellitus and Newborn DNA Methylation: Findings From the Pregnancy and Childhood Epigenetics Consortium. *Diabetes Care*, **2020**, 43, 98-105	14.6	45
110	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. *American Journal of Respiratory and Critical Care Medicine*, **2018**, 198, 850-858	10.2	44
109	A simplified score to quantify comorbidity in COPD. *PLoS ONE*, **2014**, 9, e114438	3.7	44
108	Prenatal Exposure to Mercury: Associations with Global DNA Methylation and Hydroxymethylation in Cord Blood and in Childhood. *Environmental Health Perspectives*, **2017**, 125, 087022	8.4	43
107	Genome-wide association analysis of body mass in chronic obstructive pulmonary disease. *American Journal of Respiratory Cell and Molecular Biology*, **2011**, 45, 304-10	5.7	43
106	Birth weight-for-gestational age is associated with DNA methylation at birth and in childhood. *Clinical Epigenetics*, **2016**, 8, 118	7.7	43
105	Maternal alcohol consumption and offspring DNA methylation: findings from six general population-based birth cohorts. *Epigenomics*, **2018**, 10, 27-42	4.4	43
104	Racial differences in quality of life in patients with COPD. *Chest*, **2011**, 140, 1169-1176	5.3	42
103	Differential DNA methylation marks and gene comethylation of COPD in African-Americans with COPD exacerbations. *Respiratory Research*, **2016**, 17, 143	7.3	42
102	Smoking-Associated Site-Specific Differential Methylation in Buccal Mucosa in the COPDGene Study. *American Journal of Respiratory Cell and Molecular Biology*, **2015**, 53, 246-54	5.7	41
101	Gene Regulatory Network Analysis Identifies Sex-Linked Differences in Colon Cancer Drug Metabolism. *Cancer Research*, **2018**, 78, 5538-5547	10.1	41
100	Hypertensive Disorders of Pregnancy and DNA Methylation in Newborns. *Hypertension*, **2019**, 74, 375-383	8.5	40
99	Association of IREB2 and CHRNA3 polymorphisms with airflow obstruction in severe alpha-1 antitrypsin deficiency. *Respiratory Research*, **2012**, 13, 16	7.3	39
98	Sexually-dimorphic targeting of functionally-related genes in COPD. *BMC Systems Biology*, **2014**, 8, 118	3.5	38

97	Opportunities and challenges in the genetics of COPD 2010: an International COPD Genetics Conference report. *COPD: Journal of Chronic Obstructive Pulmonary Disease*, **2011**, 8, 121-35	2	38
96	Epigenome-wide meta-analysis of blood DNA methylation in newborns and children identifies numerous loci related to gestational age. *Genome Medicine*, **2020**, 12, 25	14.4	37
95	Sex-specific features of emphysema among current and former smokers with COPD. *European Respiratory Journal*, **2016**, 47, 104-12	13.6	37
94	Testing and estimating gene-environment interactions in family-based association studies. *Biometrics*, **2008**, 64, 458-67	1.8	34
93	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
92	Lung transplantation at the turn of the century. *Annual Review of Medicine*, **2001**, 52, 185-201	17.4	33
91	Women manifest more severe COPD symptoms across the life course. *International Journal of COPD*, **2018**, 13, 3021-3029	3	33
90	Newborn DNA-methylation, childhood lung function, and the risks of asthma and COPD across the life course. *European Respiratory Journal*, **2019**, 53,	13.6	32
89	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
88	Genetic association analysis of COPD candidate genes with bronchodilator responsiveness. *Respiratory Medicine*, **2009**, 103, 552-7	4.6	31
87	Alu and LINE-1 methylation and lung function in the normative ageing study. *BMJ Open*, **2012**, 2,	3	30
86	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
85	Clinical Epidemiology of COPD: Insights From 10 Years of the COPDGene Study. *Chest*, **2019**, 156, 228-238	9.3	29
84	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
83	Epigenome-wide association study reveals methylation pathways associated with childhood allergic sensitization. *Epigenetics*, **2019**, 14, 445-466	5.7	28
82	Regulatory network changes between cell lines and their tissues of origin. *BMC Genomics*, **2017**, 18, 723	4.5	28
81	Multistudy fine mapping of chromosome 2q identifies XRCC5 as a chronic obstructive pulmonary disease susceptibility gene. *American Journal of Respiratory and Critical Care Medicine*, **2010**, 182, 605-13	10.2	28
80	Genetic linkage and association analysis of COPD-related traits on chromosome 8p. *COPD: Journal of Chronic Obstructive Pulmonary Disease*, **2006**, 3, 189-94	2	28

79	Bipartite Community Structure of eQTLs. *PLoS Computational Biology*, **2016**, 12, e1005033	5	28
78	Prenatal maternal antidepressants, anxiety, and depression and offspring DNA methylation: epigenome-wide associations at birth and persistence into early childhood. *Clinical Epigenetics*, **2019**, 11, 56	7.7	26
77	Epigenetic age acceleration is associated with allergy and asthma in children in Project Viva. *Journal of Allergy and Clinical Immunology*, **2019**, 143, 2263-2270.e14	11.5	25
76	Epigenome-wide association study of total serum immunoglobulin E in children: a life course approach. *Clinical Epigenetics*, **2018**, 10, 55	7.7	24
75	The impact of genetic variation and cigarette smoke on DNA methylation in current and former smokers from the COPDGene study. *Epigenetics*, **2015**, 10, 1064-73	5.7	24
74	National Emphysema Treatment Trial state of the art: genetics of emphysema. *Proceedings of the American Thoracic Society*, **2008**, 5, 486-93		24
73	Lobar Emphysema Distribution Is Associated With 5-Year Radiological Disease Progression. *Chest*, **2018**, 153, 65-76	5.3	23
72	Phenotypic and genetic heterogeneity among subjects with mild airflow obstruction in COPDGene. *Respiratory Medicine*, **2014**, 108, 1469-80	4.6	22
71	Characterising the association of latency with (1)-antitrypsin polymerisation using a novel monoclonal antibody. *International Journal of Biochemistry and Cell Biology*, **2015**, 58, 81-91	5.6	22
70	Genetics of chronic obstructive pulmonary disease. *Seminars in Respiratory and Critical Care Medicine*, **2003**, 24, 151-60	3.9	21
69	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
68	Ensemble genomic analysis in human lung tissue identifies novel genes for chronic obstructive pulmonary disease. *Human Genomics*, **2018**, 12, 1	6.8	20
67	DNA methylation modules associate with incident cardiovascular disease and cumulative risk factor exposure. *Clinical Epigenetics*, **2019**, 11, 142	7.7	20
66	Association of cigarette smoking and CRP levels with DNA methylation in 1 antitrypsin deficiency. *Epigenetics*, **2012**, 7, 720-8	5.7	19
65	Identification of Novel Alzheimer's Disease Loci Using Sex-Specific Family-Based Association Analysis of Whole-Genome Sequence Data. *Scientific Reports*, **2020**, 10, 5029	4.9	16
64	Genome-wide site-specific differential methylation in the blood of individuals with Klinefelter syndrome. *Molecular Reproduction and Development*, **2015**, 82, 377-86	2.6	16
63	Genome-Wide Sex and Gender Differences in Cancer. *Frontiers in Oncology*, **2020**, 10, 597788	5.3	16
62	Reduced microRNA-503 expression augments lung fibroblast VEGF production in chronic obstructive pulmonary disease. *PLoS ONE*, **2017**, 12, e0184039	3.7	15

61	Association of SERPINE2 with asthma. *Chest*, **2011**, 140, 667-674	5.3	14
60	Xenobiotic metabolizing enzyme gene polymorphisms predict response to lung volume reduction surgery. *Respiratory Research*, **2007**, 8, 59	7.3	14
59	The SERPINE2 gene is associated with chronic obstructive pulmonary disease. *Proceedings of the American Thoracic Society*, **2006**, 3, 502		14
58	DNA methylation in blood as a mediator of the association of mid-childhood body mass index with cardio-metabolic risk score in early adolescence. *Epigenetics*, **2018**, 13, 1072-1087	5.7	14
57	Folic Acid in Pregnancy and Childhood Asthma: A US Cohort. *Clinical Pediatrics*, **2018**, 57, 421-427	1.2	13
56	Reply to Chappell et al.. *American Journal of Human Genetics*, **2006**, 79, 186-187	11	12
55	DNA methylation architecture of the ACE2 gene in nasal cells of children. *Scientific Reports*, **2021**, 11, 7107	4.9	12
54	Metabolomic profiling in a Hedgehog Interacting Protein (Hhip) murine model of chronic obstructive pulmonary disease. *Scientific Reports*, **2017**, 7, 2504	4.9	11
53	A Comparative Study of Tests for Homogeneity of Variances with Application to DNA Methylation Data. *PLoS ONE*, **2015**, 10, e0145295	3.7	11
52	Co-methylation analysis in lung tissue identifies pathways for fetal origins of COPD. *European Respiratory Journal*, **2020**, 56,	13.6	10
51	DNA methylation is associated with inhaled corticosteroid response in persistent childhood asthmatics. *Clinical and Experimental Allergy*, **2019**, 49, 1225-1234	4.1	9
50	Association of Neutrophil to Lymphocyte Ratio With Pulmonary Function in a 30-Year Longitudinal Study of US Veterans. *JAMA Network Open*, **2020**, 3, e2010350	10.4	9
49	Socioeconomic status and DNA methylation from birth through mid-childhood: a prospective study in Project Viva. *Epigenomics*, **2019**, 11, 1413-1427	4.4	8
48	Residential Proximity to Major Roadways at Birth, DNA Methylation at Birth and Midchildhood, and Childhood Cognitive Test Scores: Project Viva(Massachusetts, USA). *Environmental Health Perspectives*, **2018**, 126, 97006	8.4	8
47	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
46	Soluble receptor for advanced glycation end products (sRAGE) as a biomarker of COPD. *Respiratory Research*, **2021**, 22, 127	7.3	7
45	Epigenetics and pulmonary diseases in the horizon of precision medicine: a review. *European Respiratory Journal*, **2021**, 57,	13.6	7
44	Pathogenesis of chronic obstructive pulmonary disease: understanding the contributions of gene-environment interactions across the lifespan.. *Lancet Respiratory Medicine,the*, **2022**,	35.1	7

43	Epigenome-wide association study reveals a molecular signature of response to phylloquinone (vitamin K1) supplementation. *Epigenetics*, **2020**, 15, 859-870	5.7	6
42	DNA Methylation Is Predictive of Mortality in Current and Former Smokers. *American Journal of Respiratory and Critical Care Medicine*, **2020**, 201, 1099-1109	10.2	6
41	Metabolomic Profiling Reveals Sex Specific Associations with Chronic Obstructive Pulmonary Disease and Emphysema. *Metabolites*, **2021**, 11,	5.6	6
40	Sex-specific associations with DNA methylation in lung tissue demonstrate smoking interactions. *Epigenetics*, **2021**, 16, 692-703	5.7	6
39	Maternal anxiety during pregnancy and newborn epigenome-wide DNA methylation. *Molecular Psychiatry*, **2021**, 26, 1832-1845	15.1	6
38	Association of low income with pulmonary disease progression in smokers with and without chronic obstructive pulmonary disease. *ERJ Open Research*, **2018**, 4,	3.5	6
37	Optimism is not associated with two indicators of DNA methylation aging. *Aging*, **2019**, 11, 4970-4989	5.6	5
36	Examining the Effects of Age on Health Outcomes of Chronic Obstructive Pulmonary Disease: Results From the Genetic Epidemiology of Chronic Obstructive Pulmonary Disease Study and Evaluation of Chronic Obstructive Pulmonary Disease Longitudinally to Identify Predictive Surrogate Endpoints Cohorts. *Journal of the American Medical Directors Association*, **2017**, 18, 1063-1068	5.9	5
35	The Yin and Yang of COPD: sex/gender differences in the National Emphysema Treatment Trial. *American Journal of Respiratory and Critical Care Medicine*, **2007**, 176, 222-3	10.2	5
34	Combining disease models to test for gene-environment interaction in nuclear families. *Biometrics*, **2011**, 67, 1260-70	1.8	4
33	Sex and Gender Omic Biomarkers in Men and Women With COPD: Considerations for Precision Medicine. *Chest*, **2021**, 160, 104-113	5.3	4
32	Maternal corticotropin-releasing hormone is associated with LEP DNA methylation at birth and in childhood: an epigenome-wide study in Project Viva. *International Journal of Obesity*, **2019**, 43, 1244-1255	5.5	4
31	Gene-environment interaction testing in family-based association studies with phenotypically ascertained samples: a causal inference approach. *Biostatistics*, **2012**, 13, 468-81	3.7	3
30	Constructing gene regulatory networks using epigenetic data. *Npj Systems Biology and Applications*, **2021**, 7, 45	5	3
29	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
28	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
27	DNA Methylation Architecture of the ACE2 gene in Nasal Cells **2020**,		3
26	Factors influencing decline in quality of life in smokers without airflow obstruction: The COPDGene study. *Respiratory Medicine*, **2020**, 161, 105820	4.6	3

25	Somatotypes trajectories during adulthood and their association with COPD phenotypes. *ERJ Open Research*, **2020**, 6,	3.5	3
24	Secondary polycythemia in chronic obstructive pulmonary disease: prevalence and risk factors. *BMC Pulmonary Medicine*, **2021**, 21, 235	3.5	3
23	DNA methylation perturbations may link altered development and aging in the lung. *Aging*, **2021**, 13, 1742-1764	5.6	3
22	Residential PM exposure and the nasal methylome in children. *Environment International*, **2021**, 153, 106505	12.9	3
21	Mendelian randomization supports bidirectional causality between telomere length and clonal hematopoiesis of indeterminate potential.. *Science Advances*, **2022**, 8, eabl6579	14.3	3
20	A gene-diet interaction-based score predicts response to dietary fat in the Women's Health Initiative. *American Journal of Clinical Nutrition*, **2020**, 111, 893-902	7	2
19	Interstitial pneumonitis and the risk of chronic allograft rejection in lung transplant recipients. *Chest*, **2013**, 143, 1430-1435	5.3	2
18	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
17	Significant Spirometric Transitions and Preserved Ratio Impaired Spirometry Among Ever Smokers. *Chest*, **2021**,	5.3	2
16	Genetic determinants of telomere length from 109,122 ancestrally diverse whole-genome sequences in TOPMed.. *Cell Genomics*, **2022**, 2, 100084-100084		1
15	Integrative genomics analysis identifies ACVR1B as a candidate causal gene of emphysema distribution in non-alpha 1-antitrypsin deficient smokers		1
14	gpuZoo: Cost-effective estimation of gene regulatory networks using the Graphics Processing Unit		1
13	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
12	Optimism is associated with respiratory symptoms and functional status in chronic obstructive pulmonary disease.. *Respiratory Research*, **2022**, 23, 19	7.3	0
11	gpuZoo: Cost-effective estimation of gene regulatory networks using the Graphics Processing Unit.. *NAR Genomics and Bioinformatics*, **2022**, 4, lqac002	3.7	0
10	Longitudinal change in blood DNA epigenetic signature after smoking cessation. *Epigenetics*, **2021**, 1-12	5.7	0
9	Molecular markers of aging, exercise capacity, & physical activity in COPD. *Respiratory Medicine*, **2021**, 187, 106576	4.6	0
8	Protein interaction networks provide insight into fetal origins of chronic obstructive pulmonary disease.. *Respiratory Research*, **2022**, 23, 69	7.3	0

List of Publications

7	Lung tissue shows divergent gene expression between chronic obstructive pulmonary disease and idiopathic pulmonary fibrosis.. *Respiratory Research*, **2022**, 23, 97	7.3	0
6	Detecting Differentially Variable MicroRNAs via Model-Based Clustering. *International Journal of Genomics*, **2018**, 2018, 6591634	2.5	
5	Concordance of genotypes in pre- and post-lung transplantation DNA samples. *American Journal of Respiratory Cell and Molecular Biology*, **2005**, 33, 402-5	5.7	
4	Network Medicine and Systems Biology Considerations to Understand Sex Differences in Lung Disease. *Physiology in Health and Disease*, **2021**, 345-363	0.2	
3	COPD Genetics **2022**, 503-514		
2	Sex-Specific Differences in MicroRNA Expression During Human Fetal Lung Development.. *Frontiers in Genetics*, **2022**, 13, 762834	4.5	
1	Covariate adjustment of spirometric and smoking phenotypes: The potential of neural network models.. *PLoS ONE*, **2022**, 17, e0266752	3.7	