

Dawn L Demeo

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.

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	Genetic determinants of telomere length from 109,122 ancestrally diverse whole-genome sequences in TOPMed.. <i>Cell Genomics</i> , 2022 , 2, 100084-100084		1
167	Optimism is associated with respiratory symptoms and functional status in chronic obstructive pulmonary disease.. <i>Respiratory Research</i> , 2022 , 23, 19	7.3	0
166	gpuZoo: Cost-effective estimation of gene regulatory networks using the Graphics Processing Unit.. <i>NAR Genomics and Bioinformatics</i> , 2022 , 4, lqac002	3.7	0
165	COPD Genetics 2022 , 503-514		
164	Protein interaction networks provide insight into fetal origins of chronic obstructive pulmonary disease.. <i>Respiratory Research</i> , 2022 , 23, 69	7.3	0
163	Mendelian randomization supports bidirectional causality between telomere length and clonal hematopoiesis of indeterminate potential.. <i>Science Advances</i> , 2022 , 8, eabl6579	14.3	3
162	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
161	Pathogenesis of chronic obstructive pulmonary disease: understanding the contributions of gene-environment interactions across the lifespan.. <i>Lancet Respiratory Medicine</i> , 2022 ,	35.1	7
160	Sex-Specific Differences in MicroRNA Expression During Human Fetal Lung Development.. <i>Frontiers in Genetics</i> , 2022 , 13, 762834	4.5	
159	Covariate adjustment of spirometric and smoking phenotypes: The potential of neural network models.. <i>PLoS ONE</i> , 2022 , 17, e0266752	3.7	
158	Constructing gene regulatory networks using epigenetic data. <i>Npj Systems Biology and Applications</i> , 2021 , 7, 45	5	3
157	DNA methylation architecture of the ACE2 gene in nasal cells of children. <i>Scientific Reports</i> , 2021 , 11, 7107	4.9	12
156	Metabolomic Profiling Reveals Sex Specific Associations with Chronic Obstructive Pulmonary Disease and Emphysema. <i>Metabolites</i> , 2021 , 11,	5.6	6
155	Soluble receptor for advanced glycation end products (sRAGE) as a biomarker of COPD. <i>Respiratory Research</i> , 2021 , 22, 127	7.3	7
154	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. <i>Genetic Epidemiology</i> , 2021 , 45, 685-693	2.6	2
153	Secondary polycythemia in chronic obstructive pulmonary disease: prevalence and risk factors. <i>BMC Pulmonary Medicine</i> , 2021 , 21, 235	3.5	3
152	Sex and Gender Omic Biomarkers in Men and Women With COPD: Considerations for Precision Medicine. <i>Chest</i> , 2021 , 160, 104-113	5.3	4

151	Epigenetics and pulmonary diseases in the horizon of precision medicine: a review. <i>European Respiratory Journal</i> , 2021 , 57,	13.6	7
150	Sex-specific associations with DNA methylation in lung tissue demonstrate smoking interactions. <i>Epigenetics</i> , 2021 , 16, 692-703	5.7	6
149	Network Medicine and Systems Biology Considerations to Understand Sex Differences in Lung Disease. <i>Physiology in Health and Disease</i> , 2021 , 345-363	0.2	
148	DNA methylation perturbations may link altered development and aging in the lung. <i>Aging</i> , 2021 , 13, 1742-1764	5.6	3
147	Maternal anxiety during pregnancy and newborn epigenome-wide DNA methylation. <i>Molecular Psychiatry</i> , 2021 , 26, 1832-1845	15.1	6
146	Sequencing of 53,831 diverse genomes from the NHLBI TOPMed Program. <i>Nature</i> , 2021 , 590, 290-299	50.4	268
145	Residential PM exposure and the nasal methylome in children. <i>Environment International</i> , 2021 , 153, 106505	12.9	3
144	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
143	Longitudinal change in blood DNA epigenetic signature after smoking cessation. <i>Epigenetics</i> , 2021 , 1-12	5.7	0
142	Significant Spirometric Transitions and Preserved Ratio Impaired Spirometry Among Ever Smokers. <i>Chest</i> , 2021 ,	5.3	2
141	Molecular markers of aging, exercise capacity, & physical activity in COPD. <i>Respiratory Medicine</i> , 2021 , 187, 106576	4.6	0
140	Co-methylation analysis in lung tissue identifies pathways for fetal origins of COPD. <i>European Respiratory Journal</i> , 2020 , 56,	13.6	10
139	Sex Differences in Gene Expression and Regulatory Networks across 29 Human Tissues. <i>Cell Reports</i> , 2020 , 31, 107795	10.6	67
138	A gene-diet interaction-based score predicts response to dietary fat in the Women's Health Initiative. <i>American Journal of Clinical Nutrition</i> , 2020 , 111, 893-902	7	2
137	Identification of Novel Alzheimer's Disease Loci Using Sex-Specific Family-Based Association Analysis of Whole-Genome Sequence Data. <i>Scientific Reports</i> , 2020 , 10, 5029	4.9	16
136	Epigenome-wide meta-analysis of blood DNA methylation in newborns and children identifies numerous loci related to gestational age. <i>Genome Medicine</i> , 2020 , 12, 25	14.4	37
135	Epigenome-wide association study reveals a molecular signature of response to phylloquinone (vitamin K1) supplementation. <i>Epigenetics</i> , 2020 , 15, 859-870	5.7	6
134	DNA Methylation Is Predictive of Mortality in Current and Former Smokers. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 201, 1099-1109	10.2	6

133	The Association of Multiparity with Lung Function and Chronic Obstructive Pulmonary Disease-Related Phenotypes. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2020 , 7, 86-98	2.7	3
132	A Risk Prediction Model for Mortality Among Smokers in the COPDGene ² Study. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2020 , 7, 346-361	2.7	3
131	DNA Methylation Architecture of the ACE2 gene in Nasal Cells 2020 ,		3
130	Factors influencing decline in quality of life in smokers without airflow obstruction: The COPDGene study. <i>Respiratory Medicine</i> , 2020 , 161, 105820	4.6	3
129	Association of Neutrophil to Lymphocyte Ratio With Pulmonary Function in a 30-Year Longitudinal Study of US Veterans. <i>JAMA Network Open</i> , 2020 , 3, e2010350	10.4	9
128	Genome-Wide Sex and Gender Differences in Cancer. <i>Frontiers in Oncology</i> , 2020 , 10, 597788	5.3	16
127	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
126	Somatotypes trajectories during adulthood and their association with COPD phenotypes. <i>ERJ Open Research</i> , 2020 , 6,	3.5	3
125	Sex and gender: modifiers of health, disease, and medicine. <i>Lancet, The</i> , 2020 , 396, 565-582	4.0	347
124	Maternal Gestational Diabetes Mellitus and Newborn DNA Methylation: Findings From the Pregnancy and Childhood Epigenetics Consortium. <i>Diabetes Care</i> , 2020 , 43, 98-105	14.6	45
123	Optimism is not associated with two indicators of DNA methylation aging. <i>Aging</i> , 2019 , 11, 4970-4989	5.6	5
122	Socioeconomic status and DNA methylation from birth through mid-childhood: a prospective study in Project Viva. <i>Epigenomics</i> , 2019 , 11, 1413-1427	4.4	8
121	Hypertensive Disorders of Pregnancy and DNA Methylation in Newborns. <i>Hypertension</i> , 2019 , 74, 375-383	3.5	40
120	Prenatal Particulate Air Pollution and DNA Methylation in Newborns: An Epigenome-Wide Meta-Analysis. <i>Environmental Health Perspectives</i> , 2019 , 127, 57012	8.4	58
119	DNA methylation is associated with inhaled corticosteroid response in persistent childhood asthmatics. <i>Clinical and Experimental Allergy</i> , 2019 , 49, 1225-1234	4.1	9
118	Meta-analysis of epigenome-wide association studies in neonates reveals widespread differential DNA methylation associated with birthweight. <i>Nature Communications</i> , 2019 , 10, 1893	17.4	79
117	Epigenome-wide association study reveals methylation pathways associated with childhood allergic sensitization. <i>Epigenetics</i> , 2019 , 14, 445-466	5.7	28
116	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

115	Epigenetic age acceleration is associated with allergy and asthma in children in Project Viva. <i>Journal of Allergy and Clinical Immunology</i> , 2019 , 143, 2263-2270.e14	11.5	25
114	Prenatal maternal antidepressants, anxiety, and depression and offspring DNA methylation: epigenome-wide associations at birth and persistence into early childhood. <i>Clinical Epigenetics</i> , 2019 , 11, 56	7.7	26
113	RNA-sequencing across three matched tissues reveals shared and tissue-specific gene expression and pathway signatures of COPD. <i>Respiratory Research</i> , 2019 , 20, 65	7.3	20
112	Newborn DNA-methylation, childhood lung function, and the risks of asthma and COPD across the life course. <i>European Respiratory Journal</i> , 2019 , 53,	13.6	32
111	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
110	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
109	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
108	The nasal methylome as a biomarker of asthma and airway inflammation in children. <i>Nature Communications</i> , 2019 , 10, 3095	17.4	72
107	Clinical Epidemiology of COPD: Insights From 10 Years of the COPDGene Study. <i>Chest</i> , 2019 , 156, 228-238	38.3	29
106	DNA methylation modules associate with incident cardiovascular disease and cumulative risk factor exposure. <i>Clinical Epigenetics</i> , 2019 , 11, 142	7.7	20
105	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
104	Maternal corticotropin-releasing hormone is associated with LEP DNA methylation at birth and in childhood: an epigenome-wide study in Project Viva. <i>International Journal of Obesity</i> , 2019 , 43, 1244-1255	5.5	4
103	Smoking duration alone provides stronger risk estimates of chronic obstructive pulmonary disease than pack-years. <i>Thorax</i> , 2018 , 73, 414-421	7.3	60
102	Human Lung DNA Methylation Quantitative Trait Loci Colocalize with Chronic Obstructive Pulmonary Disease Genome-Wide Association Loci. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 197, 1275-1284	10.2	29
101	Epigenome-wide association study of total serum immunoglobulin E in children: a life course approach. <i>Clinical Epigenetics</i> , 2018 , 10, 55	7.7	24
100	Lobar Emphysema Distribution Is Associated With 5-Year Radiological Disease Progression. <i>Chest</i> , 2018 , 153, 65-76	5.3	23
99	Folic Acid in Pregnancy and Childhood Asthma: A US Cohort. <i>Clinical Pediatrics</i> , 2018 , 57, 421-427	1.2	13
98	Ensemble genomic analysis in human lung tissue identifies novel genes for chronic obstructive pulmonary disease. <i>Human Genomics</i> , 2018 , 12, 1	6.8	20

97	Female Sex and Gender in Lung/Sleep Health and Disease. Increased Understanding of Basic Biological, Pathophysiological, and Behavioral Mechanisms Leading to Better Health for Female Patients with Lung Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 198, 850-858	10.2	44
96	Detecting Differentially Variable MicroRNAs via Model-Based Clustering. <i>International Journal of Genomics</i> , 2018 , 2018, 6591634	2.5	
95	Longitudinal Phenotypes and Mortality in Preserved Ratio Impaired Spirometry in the COPD Gene Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 198, 1397-1405	10.2	59
94	Maternal alcohol consumption and offspring DNA methylation: findings from six general population-based birth cohorts. <i>Epigenomics</i> , 2018 , 10, 27-42	4.4	43
93	DNA methylation in blood as a mediator of the association of mid-childhood body mass index with cardio-metabolic risk score in early adolescence. <i>Epigenetics</i> , 2018 , 13, 1072-1087	5.7	14
92	Association of low income with pulmonary disease progression in smokers with and without chronic obstructive pulmonary disease. <i>ERJ Open Research</i> , 2018 , 4,	3.5	6
91	Gene Regulatory Network Analysis Identifies Sex-Linked Differences in Colon Cancer Drug Metabolism. <i>Cancer Research</i> , 2018 , 78, 5538-5547	10.1	41
90	Residential Proximity to Major Roadways at Birth, DNA Methylation at Birth and Midchildhood, and Childhood Cognitive Test Scores: Project Viva(Massachusetts, USA). <i>Environmental Health Perspectives</i> , 2018 , 126, 97006	8.4	8
89	Women manifest more severe COPD symptoms across the life course. <i>International Journal of COPD</i> , 2018 , 13, 3021-3029	3	33
88	Metabolomic profiling in a Hedgehog Interacting Protein (Hhip) murine model of chronic obstructive pulmonary disease. <i>Scientific Reports</i> , 2017 , 7, 2504	4.9	11
87	Persistent DNA methylation changes associated with prenatal mercury exposure and cognitive performance during childhood. <i>Scientific Reports</i> , 2017 , 7, 288	4.9	71
86	Functional interactors of three genome-wide association study genes are differentially expressed in severe chronic obstructive pulmonary disease lung tissue. <i>Scientific Reports</i> , 2017 , 7, 44232	4.9	57
85	Optimism and Cause-Specific Mortality: A Prospective Cohort Study. <i>American Journal of Epidemiology</i> , 2017 , 185, 21-29	3.8	98
84	The value of blood cytokines and chemokines in assessing COPD. <i>Respiratory Research</i> , 2017 , 18, 180	7.3	62
83	Exposure to Low Levels of Lead and Umbilical Cord Blood DNA Methylation in Project Viva: An Epigenome-Wide Association Study. <i>Environmental Health Perspectives</i> , 2017 , 125, 087019	8.4	46
82	Prenatal Exposure to Mercury: Associations with Global DNA Methylation and Hydroxymethylation in Cord Blood and in Childhood. <i>Environmental Health Perspectives</i> , 2017 , 125, 087022	8.4	43
81	Electronic Cigarette Use in US Adults at Risk for or with COPD: Analysis from Two Observational Cohorts. <i>Journal of General Internal Medicine</i> , 2017 , 32, 1315-1322	4	48
80	Genome-Wide Association Study of the Genetic Determinants of Emphysema Distribution. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 195, 757-771	10.2	33

79	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. <i>Journal of the American Medical Directors Association</i> , 2017 , 18, 1063-1068	5.9	5
78	Regulatory network changes between cell lines and their tissues of origin. <i>BMC Genomics</i> , 2017 , 18, 723	4.5	28
77	Reduced microRNA-503 expression augments lung fibroblast VEGF production in chronic obstructive pulmonary disease. <i>PLoS ONE</i> , 2017 , 12, e0184039	3.7	15
76	DNA methylation profiling in human lung tissue identifies genes associated with COPD. <i>Epigenetics</i> , 2016 , 11, 730-739	5.7	48
75	A whole-blood transcriptome meta-analysis identifies gene expression signatures of cigarette smoking. <i>Human Molecular Genetics</i> , 2016 , 25, 4611-4623	5.6	58
74	Epigenetic Signatures of Cigarette Smoking. <i>Circulation: Cardiovascular Genetics</i> , 2016 , 9, 436-447		442
73	Mitochondrial iron chelation ameliorates cigarette smoke-induced bronchitis and emphysema in mice. <i>Nature Medicine</i> , 2016 , 22, 163-74	50.5	136
72	Sex-specific features of emphysema among current and former smokers with COPD. <i>European Respiratory Journal</i> , 2016 , 47, 104-12	13.6	37
71	Bipartite Community Structure of eQTLs. <i>PLoS Computational Biology</i> , 2016 , 12, e1005033	5	28
70	Common Genetic Polymorphisms Influence Blood Biomarker Measurements in COPD. <i>PLoS Genetics</i> , 2016 , 12, e1006011	6	64
69	Birth weight-for-gestational age is associated with DNA methylation at birth and in childhood. <i>Clinical Epigenetics</i> , 2016 , 8, 118	7.7	43
68	Differential DNA methylation marks and gene comethylation of COPD in African-Americans with COPD exacerbations. <i>Respiratory Research</i> , 2016 , 17, 143	7.3	42
67	DNA Methylation in Newborns and Maternal Smoking in Pregnancy: Genome-wide Consortium Meta-analysis. <i>American Journal of Human Genetics</i> , 2016 , 98, 680-96	11	489
66	Clinical and Radiologic Disease in Smokers With Normal Spirometry. <i>JAMA Internal Medicine</i> , 2015 , 175, 1539-49	11.5	243
65	A genome-wide association study identifies risk loci for spirometric measures among smokers of European and African ancestry. <i>BMC Genetics</i> , 2015 , 16, 138	2.6	84
64	Genome-wide site-specific differential methylation in the blood of individuals with Klinefelter syndrome. <i>Molecular Reproduction and Development</i> , 2015 , 82, 377-86	2.6	16
63	The impact of genetic variation and cigarette smoke on DNA methylation in current and former smokers from the COPDGene study. <i>Epigenetics</i> , 2015 , 10, 1064-73	5.7	24
62	Smoking-Associated Site-Specific Differential Methylation in Buccal Mucosa in the COPDGene Study. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2015 , 53, 246-54	5.7	41

61	Characterising the association of latency with α_1 -antitrypsin polymerisation using a novel monoclonal antibody. <i>International Journal of Biochemistry and Cell Biology</i> , 2015 , 58, 81-91	5.6	22
60	A Comparative Study of Tests for Homogeneity of Variances with Application to DNA Methylation Data. <i>PLoS ONE</i> , 2015 , 10, e0145295	3.7	11
59	Phenotypic and genetic heterogeneity among subjects with mild airflow obstruction in COPD Gene. <i>Respiratory Medicine</i> , 2014 , 108, 1469-80	4.6	22
58	Risk loci for chronic obstructive pulmonary disease: a genome-wide association study and meta-analysis. <i>Lancet Respiratory Medicine</i> , 2014 , 2, 214-25	35.1	208
57	Prediction of acute respiratory disease in current and former smokers with and without COPD. <i>Chest</i> , 2014 , 146, 941-950	5.3	61
56	A simplified score to quantify comorbidity in COPD. <i>PLoS ONE</i> , 2014 , 9, e114438	3.7	44
55	Sexually-dimorphic targeting of functionally-related genes in COPD. <i>BMC Systems Biology</i> , 2014 , 8, 118	3.5	38
54	Fetal lung and placental methylation is associated with in utero nicotine exposure. <i>Epigenetics</i> , 2014 , 9, 1473-84	5.7	72
53	Circulating polymers in α_1 -antitrypsin deficiency. <i>European Respiratory Journal</i> , 2014 , 43, 1501-4	13.6	50
52	Interstitial pneumonitis and the risk of chronic allograft rejection in lung transplant recipients. <i>Chest</i> , 2013 , 143, 1430-1435	5.3	2
51	Association of IREB2 and CHRNA3 polymorphisms with airflow obstruction in severe alpha-1 antitrypsin deficiency. <i>Respiratory Research</i> , 2012 , 13, 16	7.3	39
50	Association of cigarette smoking and CRP levels with DNA methylation in α_1 antitrypsin deficiency. <i>Epigenetics</i> , 2012 , 7, 720-8	5.7	19
49	A genome-wide association study of COPD identifies a susceptibility locus on chromosome 19q13. <i>Human Molecular Genetics</i> , 2012 , 21, 947-57	5.6	181
48	Cigarette smoking behaviors and time since quitting are associated with differential DNA methylation across the human genome. <i>Human Molecular Genetics</i> , 2012 , 21, 3073-82	5.6	228
47	Variable DNA methylation is associated with chronic obstructive pulmonary disease and lung function. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012 , 185, 373-81	10.2	163
46	Gene-environment interaction testing in family-based association studies with phenotypically ascertained samples: a causal inference approach. <i>Biostatistics</i> , 2012 , 13, 468-81	3.7	3
45	Alu and LINE-1 methylation and lung function in the normative ageing study. <i>BMJ Open</i> , 2012 , 2,	3	30
44	Systemic steroid exposure is associated with differential methylation in chronic obstructive pulmonary disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012 , 186, 1248-55	10.2	52

43	Racial differences in quality of life in patients with COPD. <i>Chest</i> , 2011 , 140, 1169-1176	5.3	42
42	Combining disease models to test for gene-environment interaction in nuclear families. <i>Biometrics</i> , 2011 , 67, 1260-70	1.8	4
41	Early-onset chronic obstructive pulmonary disease is associated with female sex, maternal factors, and African American race in the COPD Gene Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011 , 184, 414-20	10.2	135
40	Genome-wide association analysis of body mass in chronic obstructive pulmonary disease. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2011 , 45, 304-10	5.7	43
39	Association of SERPINE2 with asthma. <i>Chest</i> , 2011 , 140, 667-674	5.3	14
38	Polymorphisms in surfactant protein-D are associated with chronic obstructive pulmonary disease. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2011 , 44, 316-22	5.7	61
37	Opportunities and challenges in the genetics of COPD 2010: an International COPD Genetics Conference report. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2011 , 8, 121-35	2	38
36	Variants in FAM13A are associated with chronic obstructive pulmonary disease. <i>Nature Genetics</i> , 2010 , 42, 200-2	36.3	295
35	Multistudy fine mapping of chromosome 2q identifies XRCC5 as a chronic obstructive pulmonary disease susceptibility gene. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010 , 182, 605-13	10.2	28
34	Gender differences in COPD: are women more susceptible to smoking effects than men?. <i>Thorax</i> , 2010 , 65, 480-5	7.3	192
33	MMP12, lung function, and COPD in high-risk populations. <i>New England Journal of Medicine</i> , 2009 , 361, 2599-608	59.2	257
32	Molecular biomarkers for quantitative and discrete COPD phenotypes. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2009 , 40, 359-67	5.7	84
31	Integration of genomic and genetic approaches implicates IREB2 as a COPD susceptibility gene. <i>American Journal of Human Genetics</i> , 2009 , 85, 493-502	11	118
30	Genetic association analysis of COPD candidate genes with bronchodilator responsiveness. <i>Respiratory Medicine</i> , 2009 , 103, 552-7	4.6	31
29	IL10 polymorphisms are associated with airflow obstruction in severe alpha1-antitrypsin deficiency. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2008 , 38, 114-20	5.7	63
28	National Emphysema Treatment Trial state of the art: genetics of emphysema. <i>Proceedings of the American Thoracic Society</i> , 2008 , 5, 486-93		24
27	Testing and estimating gene-environment interactions in family-based association studies. <i>Biometrics</i> , 2008 , 64, 458-67	1.8	34
26	Xenobiotic metabolizing enzyme gene polymorphisms predict response to lung volume reduction surgery. <i>Respiratory Research</i> , 2007 , 8, 59	7.3	14

25	Polymorphisms in IL13, total IgE, eosinophilia, and asthma exacerbations in childhood. <i>Journal of Allergy and Clinical Immunology</i> , 2007 , 120, 84-90	11.5	93
24	Determinants of airflow obstruction in severe alpha-1-antitrypsin deficiency. <i>Thorax</i> , 2007 , 62, 806-13	7.3	78
23	Genetic determinants of emphysema distribution in the national emphysema treatment trial. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007 , 176, 42-8	10.2	116
22	The Yin and Yang of COPD: sex/gender differences in the National Emphysema Treatment Trial. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007 , 176, 222-3	10.2	5
21	The SERPINE2 gene is associated with chronic obstructive pulmonary disease. <i>Proceedings of the American Thoracic Society</i> , 2006 , 3, 502		14
20	Genetic association analysis of functional impairment in chronic obstructive pulmonary disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2006 , 173, 977-84	10.2	100
19	Transmission of lymphocytic choriomeningitis virus by organ transplantation. <i>New England Journal of Medicine</i> , 2006 , 354, 2235-49	59.2	418
18	Genetic linkage and association analysis of COPD-related traits on chromosome 8p. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2006 , 3, 189-94	2	28
17	The SERPINE2 gene is associated with chronic obstructive pulmonary disease. <i>American Journal of Human Genetics</i> , 2006 , 78, 253-64	11	143
16	Reply to Chappell et al.. <i>American Journal of Human Genetics</i> , 2006 , 79, 186-187	11	12
15	Genomic screening and replication using the same data set in family-based association testing. <i>Nature Genetics</i> , 2005 , 37, 683-91	36.3	160
14	Concordance of genotypes in pre- and post-lung transplantation DNA samples. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2005 , 33, 402-5	5.7	
13	Attempted replication of reported chronic obstructive pulmonary disease candidate gene associations. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2005 , 33, 71-8	5.7	155
12	Genome-wide linkage of forced mid-expiratory flow in chronic obstructive pulmonary disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2004 , 170, 1294-301	10.2	54
11	Ambient air pollution and oxygen saturation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2004 , 170, 383-7	10.2	49
10	The transforming growth factor-beta1 (TGFB1) gene is associated with chronic obstructive pulmonary disease (COPD). <i>Human Molecular Genetics</i> , 2004 , 13, 1649-56	5.6	176
9	PBAT: tools for family-based association studies. <i>American Journal of Human Genetics</i> , 2004 , 74, 367-9	11	242
8	Predictors of survival in severe, early onset COPD. <i>Chest</i> , 2004 , 126, 1443-51	5.3	63

7	Genetics of chronic obstructive pulmonary disease. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2003 , 24, 151-60	3.9	21
6	A new powerful non-parametric two-stage approach for testing multiple phenotypes in family-based association studies. <i>Human Heredity</i> , 2003 , 56, 10-7	1.1	51
5	Using the noninformative families in family-based association tests: a powerful new testing strategy. <i>American Journal of Human Genetics</i> , 2003 , 73, 801-11	11	77
4	Power and design considerations for a general class of family-based association tests: quantitative traits. <i>American Journal of Human Genetics</i> , 2002 , 71, 1330-41	11	124
3	Lung transplantation at the turn of the century. <i>Annual Review of Medicine</i> , 2001 , 52, 185-201	17.4	33
2	Integrative genomics analysis identifies ACVR1B as a candidate causal gene of emphysema distribution in non-alpha 1-antitrypsin deficient smokers		1
1	gpuZoo: Cost-effective estimation of gene regulatory networks using the Graphics Processing Unit		1