

# Esteban Burchard

## 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.

169 papers	8,103 citations	46 h-index	87 g-index
191 ext. papers	11,243 ext. citations	10.3 avg, IF	5.36 L-index

#	Paper	IF	Citations
169	Epigenome-wide association study of lung function in Latino children and youth with asthma.. <i>Clinical Epigenetics</i> , <b>2022</b> , 14, 9	7.7	1
168	Genetic determinants of telomere length from 109,122 ancestrally diverse whole-genome sequences in TOPMed.. <i>Cell Genomics</i> , <b>2022</b> , 2, 100084-100084		1
167	Nasal airway transcriptome-wide association study of asthma reveals genetically driven mucus pathobiology.. <i>Nature Communications</i> , <b>2022</b> , 13, 1632	17.4	2
166	Genome-wide association study of asthma exacerbations despite inhaled corticosteroid use. <i>European Respiratory Journal</i> , <b>2021</b> , 57,	13.6	5
165	Pharmacogenetic studies of long-acting beta agonist and inhaled corticosteroid responsiveness in randomised controlled trials of individuals of African descent with asthma. <i>The Lancet Child and Adolescent Health</i> , <b>2021</b> , 5, 862-872	14.5	2
164	Lymph node-resident dendritic cells drive T2 cell development involving MARCH1. <i>Science Immunology</i> , <b>2021</b> , 6, eabh0707	28	2
163	Genome-wide association studies of exacerbations in children using long-acting beta2-agonists. <i>Pediatric Allergy and Immunology</i> , <b>2021</b> , 32, 1197-1207	4.2	5
162	NLRP1 variant M1184V decreases inflammasome activation in the context of DPP9 inhibition and asthma severity. <i>Journal of Allergy and Clinical Immunology</i> , <b>2021</b> , 147, 2134-2145.e20	11.5	2
161	ADRB2 haplotypes and asthma exacerbations in children and young adults: An individual participant data meta-analysis. <i>Clinical and Experimental Allergy</i> , <b>2021</b> , 51, 1157-1171	4.1	0
160	Identification of as a Potential Locus Associated with Inhaled Corticosteroid Response in Childhood Asthma. <i>Journal of Personalized Medicine</i> , <b>2021</b> , 11,	3.6	1
159	Integrative genomic analysis in African American children with asthma finds three novel loci associated with lung function. <i>Genetic Epidemiology</i> , <b>2021</b> , 45, 190-208	2.6	1
158	A genome-wide association study of severe asthma exacerbations in Latino children and adolescents. <i>European Respiratory Journal</i> , <b>2021</b> , 57,	13.6	6
157	A deoxyribonuclease 1-like 3 genetic variant associates with asthma exacerbations. <i>Journal of Allergy and Clinical Immunology</i> , <b>2021</b> , 147, 1095-1097.e10	11.5	1
156	Combined analysis of transcriptomic and genetic data for the identification of loci involved in glucocorticosteroid response in asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2021</b> , 76, 1238-1243	9.3	5
155	A genome-wide study of DNA methylation in white blood cells and asthma in Latino children and youth. <i>Epigenetics</i> , <b>2021</b> , 16, 577-585	5.7	4
154	A genome-wide association study of asthma hospitalizations in adults. <i>Journal of Allergy and Clinical Immunology</i> , <b>2021</b> , 147, 933-940	11.5	5
153	Genome-wide association study reveals a novel locus for asthma with severe exacerbations in diverse populations. <i>Pediatric Allergy and Immunology</i> , <b>2021</b> , 32, 106-115	4.2	5

152	Biologic Factors and Molecular Determinants in Inflammatory and Metabolic Diseases <b>2021</b> , 125-137		
151	Race and Genetic Ancestry in Medicine - A Time for Reckoning with Racism. <i>New England Journal of Medicine</i> , <b>2021</b> , 384, 474-480	59.2	100
150	Sequencing of 53,831 diverse genomes from the NHLBI TOPMed Program. <i>Nature</i> , <b>2021</b> , 590, 290-299	50.4	268
149	Population sequencing data reveal a compendium of mutational processes in the human germ line. <i>Science</i> , <b>2021</b> , 373, 1030-1035	33.3	7
148	Racial/ethnic differences in eligibility for asthma biologics among pediatric populations. <i>Journal of Allergy and Clinical Immunology</i> , <b>2021</b> , 148, 1324-1331.e12	11.5	2
147	LTA4H rs2660845 association with montelukast response in early and late-onset asthma. <i>PLoS ONE</i> , <b>2021</b> , 16, e0257396	3.7	1
146	Paths and timings of the peopling of Polynesia inferred from genomic networks. <i>Nature</i> , <b>2021</b> , 597, 522-526	50.4	9
145	Native American Ancestry and Air Pollution Interact to Impact Bronchodilator Response in Puerto Rican Children with Asthma. <i>Ethnicity and Disease</i> , <b>2021</b> , 31, 77-88	1.8	0
144	Lung Function in African American Children with Asthma Is Associated with Novel Regulatory Variants of the KIT Ligand and Gene-By-Air-Pollution Interaction. <i>Genetics</i> , <b>2020</b> , 215, 869-886	4	3
143	Differential asthma odds following respiratory infection in children from three minority populations. <i>PLoS ONE</i> , <b>2020</b> , 15, e0231782	3.7	4
142	Whole-Genome Sequencing Identifies Novel Functional Loci Associated with Lung Function in Puerto Rican Youth. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2020</b> , 202, 962-972	10.2	1
141	Sequencing and imputation in GWAS: Cost-effective strategies to increase power and genomic coverage across diverse populations. <i>Genetic Epidemiology</i> , <b>2020</b> , 44, 537-549	2.6	10
140	Native American gene flow into Polynesia predating Easter Island settlement. <i>Nature</i> , <b>2020</b> , 583, 572-577	50.4	28
139	An epistatic interaction between pre-natal smoke exposure and socioeconomic status has a significant impact on bronchodilator drug response in African American youth with asthma. <i>BioData Mining</i> , <b>2020</b> , 13, 7	4.3	1
138	Asthma and its relationship to mitochondrial copy number: Results from the Asthma Translational Genomics Collaborative (ATGC) of the Trans-Omics for Precision Medicine (TOPMed) program. <i>PLoS ONE</i> , <b>2020</b> , 15, e0242364	3.7	2
137	Type 2 and interferon inflammation strongly regulate SARS-CoV-2 related gene expression in the airway epithelium <b>2020</b> ,		30
136	Identification of CFTR variants in Latino patients with cystic fibrosis from the Dominican Republic and Puerto Rico. <i>Pediatric Pulmonology</i> , <b>2020</b> , 55, 533-540	3.5	3
135	Population History and Gene Divergence in Native Mexicans Inferred from 76 Human Exomes. <i>Molecular Biology and Evolution</i> , <b>2020</b> , 37, 994-1006	8.3	19

134	IL1RL1 gene variations are associated with asthma exacerbations in children and adolescents using inhaled corticosteroids. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2020</b> , 75, 984-989	9.3	7
133	Type 2 and interferon inflammation regulate SARS-CoV-2 entry factor expression in the airway epithelium. <i>Nature Communications</i> , <b>2020</b> , 11, 5139	17.4	68
132	Inherited causes of clonal haematopoiesis in 97,691 whole genomes. <i>Nature</i> , <b>2020</b> , 586, 763-768	50.4	127
131	Single-Cell and Population Transcriptomics Reveal Pan-epithelial Remodeling in Type 2-High Asthma. <i>Cell Reports</i> , <b>2020</b> , 32, 107872	10.6	19
130	On the cross-population generalizability of gene expression prediction models. <i>PLoS Genetics</i> , <b>2020</b> , 16, e1008927	6	14
129	The genetic diversity of multiple sclerosis risk among Hispanic and African American populations living in the United States. <i>Multiple Sclerosis Journal</i> , <b>2020</b> , 26, 1329-1339	5	7
128	Development of a small panel of SNPs to infer ancestry in Chileans that distinguishes Aymara and Mapuche components. <i>Biological Research</i> , <b>2020</b> , 53, 15	7.6	9
127	Genome-Wide Analysis Reveals Mucociliary Remodeling of the Nasal Airway Epithelium Induced by Urban PM. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2020</b> , 63, 172-184	5.7	16
126	Outdoor Air Pollution and New-Onset Airway Disease. An Official American Thoracic Society Workshop Report. <i>Annals of the American Thoracic Society</i> , <b>2020</b> , 17, 387-398	4.7	52
125	On the cross-population generalizability of gene expression prediction models <b>2020</b> , 16, e1008927		
124	On the cross-population generalizability of gene expression prediction models <b>2020</b> , 16, e1008927		
123	On the cross-population generalizability of gene expression prediction models <b>2020</b> , 16, e1008927		
122	On the cross-population generalizability of gene expression prediction models <b>2020</b> , 16, e1008927		
121	On the cross-population generalizability of gene expression prediction models <b>2020</b> , 16, e1008927		
120	On the cross-population generalizability of gene expression prediction models <b>2020</b> , 16, e1008927		
119	Differential asthma odds following respiratory infection in children from three minority populations <b>2020</b> , 15, e0231782		
118	Differential asthma odds following respiratory infection in children from three minority populations <b>2020</b> , 15, e0231782		
117	Differential asthma odds following respiratory infection in children from three minority populations <b>2020</b> , 15, e0231782		

116	Differential asthma odds following respiratory infection in children from three minority populations <b>2020</b> , 15, e0231782		
115	Ancestry-Dependent Enrichment of Deleterious Homozygotes in Runs of Homozygosity. <i>American Journal of Human Genetics</i> , <b>2019</b> , 105, 747-762	11	17
114	Whole Genome Sequencing Identifies CRISPLD2 as a Lung Function Gene in Children With Asthma. <i>Chest</i> , <b>2019</b> , 156, 1068-1079	5.3	3
113	Genome-wide association study of inhaled corticosteroid response in admixed children with asthma. <i>Clinical and Experimental Allergy</i> , <b>2019</b> , 49, 789-798	4.1	32
112	Epigenome-wide meta-analysis of DNA methylation and childhood asthma. <i>Journal of Allergy and Clinical Immunology</i> , <b>2019</b> , 143, 2062-2074	11.5	87
111	Racial/Ethnic-Specific Differences in the Effects of Inhaled Corticosteroid Use on Bronchodilator Response in Patients With Asthma. <i>Clinical Pharmacology and Therapeutics</i> , <b>2019</b> , 106, 1133-1140	6.1	7
110	Functional genomics of CDHR3 confirms its role in HRV-C infection and childhood asthma exacerbations. <i>Journal of Allergy and Clinical Immunology</i> , <b>2019</b> , 144, 962-971	11.5	34
109	Acculturation is associated with asthma burden and pulmonary function in Latino youth: The GALA II study. <i>Journal of Allergy and Clinical Immunology</i> , <b>2019</b> , 143, 1914-1922	11.5	7
108	Ambient air pollution, asthma drug response, and telomere length in African American youth. <i>Journal of Allergy and Clinical Immunology</i> , <b>2019</b> , 144, 839-845.e10	11.5	10
107	Meta-analysis of GWA studies provides new insights on the genetic architecture of skin pigmentation in recently admixed populations. <i>BMC Genetics</i> , <b>2019</b> , 20, 59	2.6	17
106	In utero tobacco smoke exposure, DNA methylation, and asthma in Latino children. <i>Environmental Epidemiology</i> , <b>2019</b> , 3, e048	0.2	9
105	Bacterial salivary microbiome associates with asthma among african american children and young adults. <i>Pediatric Pulmonology</i> , <b>2019</b> , 54, 1948-1956	3.5	7
104	Association study in African-admixed populations across the Americas recapitulates asthma risk loci in non-African populations. <i>Nature Communications</i> , <b>2019</b> , 10, 880	17.4	36
103	A genome-wide association and admixture mapping study of bronchodilator drug response in African Americans with asthma. <i>Pharmacogenomics Journal</i> , <b>2019</b> , 19, 249-259	3.5	25
102	Novel locus for atopic dermatitis in African Americans and replication in European Americans. <i>Journal of Allergy and Clinical Immunology</i> , <b>2019</b> , 143, 1229-1231	11.5	4
101	Integrative approach identifies corticosteroid response variant in diverse populations with asthma. <i>Journal of Allergy and Clinical Immunology</i> , <b>2019</b> , 143, 1791-1802	11.5	17
100	Assembly of a pan-genome from deep sequencing of 910 humans of African descent. <i>Nature Genetics</i> , <b>2019</b> , 51, 30-35	36.3	153
99	An admixture mapping meta-analysis implicates genetic variation at 18q21 with asthma susceptibility in Latinos. <i>Journal of Allergy and Clinical Immunology</i> , <b>2019</b> , 143, 957-969	11.5	20

98	Genetic loci determining total immunoglobulin E levels from birth through adulthood. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2019</b> , 74, 621-625	9.3	1
97	Novel susceptibility variants at the locus for childhood acute lymphoblastic leukemia in Hispanics. <i>Blood</i> , <b>2019</b> , 133, 724-729	2.2	29
96	Dysregulated invertebrate tropomyosin-dectin-1 interaction confers susceptibility to allergic diseases. <i>Science Immunology</i> , <b>2018</b> , 3,	28	36
95	Whole-Genome Sequencing of Pharmacogenetic Drug Response in Racially Diverse Children with Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2018</b> , 197, 1552-1564	10.2	65
94	Genomic insights into the origin and diversification of late maritime hunter-gatherers from the Chilean Patagonia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, E4006-E4012	11.5	25
93	Multiancestry association study identifies new asthma risk loci that colocalize with immune-cell enhancer marks. <i>Nature Genetics</i> , <b>2018</b> , 50, 42-53	36.3	246
92	Impact of Moderate Alcohol Discontinuation on Insulin Action and Secretion in Latinos With and Without Hepatitis C. <i>Alcoholism: Clinical and Experimental Research</i> , <b>2018</b> , 42, 492-499	3.7	0
91	Genome-wide association and HLA fine-mapping studies identify risk loci and genetic pathways underlying allergic rhinitis. <i>Nature Genetics</i> , <b>2018</b> , 50, 1072-1080	36.3	52
90	ROP: dumpster diving in RNA-sequencing to find the source of 1 trillion reads across diverse adult human tissues. <i>Genome Biology</i> , <b>2018</b> , 19, 36	18.3	26
89	Multiethnic meta-analysis identifies ancestry-specific and cross-ancestry loci for pulmonary function. <i>Nature Communications</i> , <b>2018</b> , 9, 2976	17.4	45
88	Ancestry and genetic associations with bronchopulmonary dysplasia in preterm infants. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2018</b> , 315, L858-L869	5.8	13
87	Secondhand smoke exposure and asthma outcomes among African-American and Latino children with asthma. <i>Thorax</i> , <b>2018</b> , 73, 1041-1048	7.3	17
86	17q21 variant increases the risk of exacerbations in asthmatic children despite inhaled corticosteroids use. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2018</b> , 73, 2083-2088	9.3	14
85	An ancestry-based approach for detecting interactions. <i>Genetic Epidemiology</i> , <b>2018</b> , 42, 49-63	2.6	11
84	Genetic Determinants of Telomere Length in African American Youth. <i>Scientific Reports</i> , <b>2018</b> , 8, 13265	4.9	15
83	Current Status and Future Opportunities in Lung Precision Medicine Research with a Focus on Biomarkers. An American Thoracic Society/National Heart, Lung, and Blood Institute Research Statement. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2018</b> , 198, e116-e136	10.2	30
82	Association Between Titin Loss-of-Function Variants and Early-Onset Atrial Fibrillation. <i>JAMA - Journal of the American Medical Association</i> , <b>2018</b> , 320, 2354-2364	27.4	75
81	Optimized distributed systems achieve significant performance improvement on sorted merging of massive VCF files. <i>GigaScience</i> , <b>2018</b> , 7,	7.6	1

80	Variants in genes coding for glutathione S-transferases and asthma outcomes in children. <i>Pharmacogenomics</i> , <b>2018</b> , 19, 707-713	2.6	7
79	COMT ValMet polymorphism is associated with post-traumatic stress disorder and functional outcome following mild traumatic brain injury. <i>Journal of Clinical Neuroscience</i> , <b>2017</b> , 35, 109-116	2.2	32
78	An epigenome-wide association study of total serum IgE in Hispanic children. <i>Journal of Allergy and Clinical Immunology</i> , <b>2017</b> , 140, 571-577	11.5	41
77	Dual RNA-seq reveals viral infections in asthmatic children without respiratory illness which are associated with changes in the airway transcriptome. <i>Genome Biology</i> , <b>2017</b> , 18, 12	18.3	46
76	Suggestive association between variants in IL1RAPL and asthma symptoms in Latin American children. <i>European Journal of Human Genetics</i> , <b>2017</b> , 25, 439-445	5.3	9
75	Correcting for cell-type heterogeneity in DNA methylation: a comprehensive evaluation. <i>Nature Methods</i> , <b>2017</b> , 14, 218-219	21.6	27
74	A meta-analysis of genome-wide association studies of asthma in Puerto Ricans. <i>European Respiratory Journal</i> , <b>2017</b> , 49,	13.6	36
73	PAI-1 gain-of-function genotype, factors increasing PAI-1 levels, and airway obstruction: The GALA II Cohort. <i>Clinical and Experimental Allergy</i> , <b>2017</b> , 47, 1150-1158	4.1	2
72	Identification of a novel locus associated with skin colour in African-admixed populations. <i>Scientific Reports</i> , <b>2017</b> , 7, 44548	4.9	24
71	Breastfeeding associated with higher lung function in African American youths with asthma. <i>Journal of Asthma</i> , <b>2017</b> , 54, 856-865	1.9	6
70	The Effects of Migration and Assortative Mating on Admixture Linkage Disequilibrium. <i>Genetics</i> , <b>2017</b> , 205, 375-383	4	14
69	Pulmonary function disparities exist and persist in Hispanic patients with cystic fibrosis: A longitudinal analysis. <i>Pediatric Pulmonology</i> , <b>2017</b> , 52, 1550-1557	3.5	15
68	Origins of Cancer Disparities in Young Adults: Logic Models to Guide Research. <i>American Journal of Preventive Medicine</i> , <b>2017</b> , 53, S95-S102	6.1	3
67	Self-reported racial/ethnic discrimination and bronchodilator response in African American youth with asthma. <i>PLoS ONE</i> , <b>2017</b> , 12, e0179091	3.7	16
66	Rationale and design of the multiethnic Pharmacogenomics in Childhood Asthma consortium. <i>Pharmacogenomics</i> , <b>2017</b> , 18, 931-943	2.6	22
65	Genome-wide methylation data mirror ancestry information. <i>Epigenetics and Chromatin</i> , <b>2017</b> , 10, 1	5.8	48
64	DRD2 C957T polymorphism is associated with improved 6-month verbal learning following traumatic brain injury. <i>Neurogenetics</i> , <b>2017</b> , 18, 29-38	3	20
63	Predictive Properties of the Asthma Control Test and Its Component Questions for Severe Asthma Exacerbations. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , <b>2017</b> , 5, 121-127.e2	5.4	17



62	Differential methylation between ethnic sub-groups reflects the effect of genetic ancestry and environmental exposures. <i>ELife</i> , <b>2017</b> , 6,	8.9	93
61	Genetic Investigation Into the Differential Risk of Atrial Fibrillation Among Black and White Individuals. <i>JAMA Cardiology</i> , <b>2016</b> , 1, 442-50	16.2	20
60	What Ancestry Can Tell Us About the Genetic Origins of Inter-Ethnic Differences in Asthma Expression. <i>Current Allergy and Asthma Reports</i> , <b>2016</b> , 16, 53	5.6	14
59	A continuum of admixture in the Western Hemisphere revealed by the African Diaspora genome. <i>Nature Communications</i> , <b>2016</b> , 7, 12522	17.4	90
58	Early-life ozone exposure associated with asthma without sensitization in Latino children. <i>Journal of Allergy and Clinical Immunology</i> , <b>2016</b> , 138, 1703-1706.e1	11.5	14
57	Novel genetic risk factors for asthma in African American children: Precision Medicine and the SAGE II Study. <i>Immunogenetics</i> , <b>2016</b> , 68, 391-400	3.2	46
56	COMT Val 158 Met polymorphism is associated with nonverbal cognition following mild traumatic brain injury. <i>Neurogenetics</i> , <b>2016</b> , 17, 31-41	3	28
55	Sparse PCA corrects for cell type heterogeneity in epigenome-wide association studies. <i>Nature Methods</i> , <b>2016</b> , 13, 443-5	21.6	154
54	Air Pollution and Lung Function in Minority Youth with Asthma in the GALA II (Genes-Environments and Admixture in Latino Americans) and SAGE II (Study of African Americans, Asthma, Genes, and Environments) Studies. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2016</b> , 193, 1271-80	10.2	41
53	Childhood asthma exacerbations and the Arg16 G-receptor polymorphism: A meta-analysis stratified by treatment. <i>Journal of Allergy and Clinical Immunology</i> , <b>2016</b> , 138, 107-113.e5	11.5	66
52	Racial Differences in Left Atrial Size: Results from the Coronary Artery Risk Development in Young Adults (CARDIA) Study. <i>PLoS ONE</i> , <b>2016</b> , 11, e0151559	3.7	8
51	Association of a PAI-1 Gene Polymorphism and Early Life Infections with Asthma Risk, Exacerbations, and Reduced Lung Function. <i>PLoS ONE</i> , <b>2016</b> , 11, e0157848	3.7	5
50	Maternal age and asthma in Latino populations. <i>Clinical and Experimental Allergy</i> , <b>2016</b> , 46, 1398-1406	4.1	7
49	The TAM family receptor tyrosine kinase TYRO3 is a negative regulator of type 2 immunity. <i>Science</i> , <b>2016</b> , 352, 99-103	33.3	54
48	DNA Methylation in Newborns and Maternal Smoking in Pregnancy: Genome-wide Consortium Meta-analysis. <i>American Journal of Human Genetics</i> , <b>2016</b> , 98, 680-96	11	489
47	Assessing differences in inhaled corticosteroid response by self-reported race-ethnicity and genetic ancestry among asthmatic subjects. <i>Journal of Allergy and Clinical Immunology</i> , <b>2016</b> , 137, 1364-1369.e2	11.5	19
46	The landscape of genomic imprinting across diverse adult human tissues. <i>Genome Research</i> , <b>2015</b> , 25, 927-36	9.7	139
45	Moving toward true inclusion of racial/ethnic minorities in federally funded studies. A key step for achieving respiratory health equality in the United States. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2015</b> , 191, 514-21	10.2	54



44	Multi-ancestry genome-wide association study of 21,000 cases and 95,000 controls identifies new risk loci for atopic dermatitis. <i>Nature Genetics</i> , <b>2015</b> , 47, 1449-1456	36.3	329
43	Genetic and socioeconomic study of mate choice in Latinos reveals novel assortment patterns. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 13621-6	11.5	26
42	Ethnic-specific associations of rare and low-frequency DNA sequence variants with asthma. <i>Nature Communications</i> , <b>2015</b> , 6, 5965	17.4	56
41	A Genome-Wide Association Study of Post-bronchodilator Lung Function in Children with Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2015</b> , 192, 634-7	10.2	10
40	A genome-wide association study of susceptibility to acute lymphoblastic leukemia in adolescents and young adults. <i>Blood</i> , <b>2015</b> , 125, 680-6	2.2	84
39	A genome-wide association study of asthma symptoms in Latin American children. <i>BMC Genetics</i> , <b>2015</b> , 16, 141	2.6	18
38	The Hawaii clopidogrel lawsuit: the possible effect on clinical laboratory testing. <i>Personalized Medicine</i> , <b>2015</b> , 12, 179-181	2.2	20
37	Diversity in Clinical and Biomedical Research: A Promise Yet to Be Fulfilled. <i>PLoS Medicine</i> , <b>2015</b> , 12, e1001818	10.18	268
36	ST13 polymorphisms and their effect on exacerbations in steroid-treated asthmatic children and young adults. <i>Clinical and Experimental Allergy</i> , <b>2015</b> , 45, 1051-9	4.1	16
35	Obesity and bronchodilator response in black and Hispanic children and adolescents with asthma. <i>Chest</i> , <b>2015</b> , 147, 1591-1598	5.3	60
34	Genome-wide association study and admixture mapping reveal new loci associated with total IgE levels in Latinos. <i>Journal of Allergy and Clinical Immunology</i> , <b>2015</b> , 135, 1502-10	11.5	40
33	CRISPR-Cas9-mediated gene knockout in primary human airway epithelial cells reveals a proinflammatory role for MUC18. <i>Gene Therapy</i> , <b>2015</b> , 22, 822-9	4	70
32	Adapt-Mix: learning local genetic correlation structure improves summary statistics-based analyses. <i>Bioinformatics</i> , <b>2015</b> , 31, i181-9	7.2	11
31	Inferring parental genomic ancestries using pooled semi-Markov processes. <i>Bioinformatics</i> , <b>2015</b> , 31, i190-6	7.2	8
30	Fine mapping of the myosin light chain kinase (MYLK) gene replicates the association with asthma in populations of Spanish descent. <i>Journal of Allergy and Clinical Immunology</i> , <b>2015</b> , 136, 1116-8.e9	11.5	7
29	Genetic ancestry influences asthma susceptibility and lung function among Latinos. <i>Journal of Allergy and Clinical Immunology</i> , <b>2015</b> , 135, 228-35	11.5	85
28	Powerful Tests for Multi-Marker Association Analysis Using Ensemble Learning. <i>PLoS ONE</i> , <b>2015</b> , 10, e0143489	13.7	489
27	Dissecting childhood asthma with nasal transcriptomics distinguishes subphenotypes of disease. <i>Journal of Allergy and Clinical Immunology</i> , <b>2014</b> , 133, 670-8.e12	11.5	144

26	Genome-wide association study of lung function phenotypes in a founder population. <i>Journal of Allergy and Clinical Immunology</i> , <b>2014</b> , 133, 248-55.e1-10	11.5	44
25	Telomere length and the risk of atrial fibrillation: insights into the role of biological versus chronological aging. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2014</b> , 7, 1026-32	6.4	16
24	Genome-wide association analysis identifies six new loci associated with forced vital capacity. <i>Nature Genetics</i> , <b>2014</b> , 46, 669-77	36.3	104
23	Genome-wide association study and admixture mapping identify different asthma-associated loci in Latinos: the Genes-environments & Admixture in Latino Americans study. <i>Journal of Allergy and Clinical Immunology</i> , <b>2014</b> , 134, 295-305	11.5	84
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21	Whole-genome sequencing of individuals from a founder population identifies candidate genes for asthma. <i>PLoS ONE</i> , <b>2014</b> , 9, e104396	3.7	26
20	Gene-based association identifies SPATA13-AS1 as a pharmacogenomic predictor of inhaled short-acting beta-agonist response in multiple population groups. <i>Pharmacogenomics Journal</i> , <b>2014</b> , 14, 365-71	3.5	27
19	Genome-wide interaction studies reveal sex-specific asthma risk alleles. <i>Human Molecular Genetics</i> , <b>2014</b> , 23, 5251-9	5.6	50
18	A genome-wide association study of bronchodilator response in Latinos implicates rare variants. <i>Journal of Allergy and Clinical Immunology</i> , <b>2014</b> , 133, 370-8	11.5	84
17	Medical research: Missing patients. <i>Nature</i> , <b>2014</b> , 513, 301-2	50.4	32
16	Early-life air pollution and asthma risk in minority children. The GALA II and SAGE II studies. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2013</b> , 188, 309-18	10.2	188
15	Factors associated with degree of atopy in Latino children in a nationwide pediatric sample: the Genes-environments and Admixture in Latino Asthmatics (GALA II) study. <i>Journal of Allergy and Clinical Immunology</i> , <b>2013</b> , 132, 896-905.e1	11.5	20
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3	Whole genome sequencing of pharmacogenetic drug response in racially and ethnically diverse children with asthma		3
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