

Celeste Eng

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.

96
papers

4,259
citations

32
h-index

64
g-index

106
ext. papers

6,146
ext. citations

10.2
avg, IF

4.34
L-index

#	Paper	IF	Citations
96	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
95	Human genetics. The genetics of Mexico recapitulates Native American substructure and affects biomedical traits. <i>Science</i> , 2014 , 344, 1280-5	33.3	331
94	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> , 2015 , 47, 1449-1456	36.3	329
93	Sequencing of 53,831 diverse genomes from the NHLBI TOPMed Program. <i>Nature</i> , 2021 , 590, 290-299	50.4	268
92	Multiancestry association study identifies new asthma risk loci that colocalize with immune-cell enhancer marks. <i>Nature Genetics</i> , 2018 , 50, 42-53	36.3	246
91	Sparse PCA corrects for cell type heterogeneity in epigenome-wide association studies. <i>Nature Methods</i> , 2016 , 13, 443-5	21.6	154
90	Assembly of a pan-genome from deep sequencing of 910 humans of African descent. <i>Nature Genetics</i> , 2019 , 51, 30-35	36.3	153
89	Dissecting childhood asthma with nasal transcriptomics distinguishes subphenotypes of disease. <i>Journal of Allergy and Clinical Immunology</i> , 2014 , 133, 670-8.e12	11.5	144
88	The landscape of genomic imprinting across diverse adult human tissues. <i>Genome Research</i> , 2015 , 25, 927-36	9.7	139
87	Differential methylation between ethnic sub-groups reflects the effect of genetic ancestry and environmental exposures. <i>ELife</i> , 2017 , 6,	8.9	93
86	A continuum of admixture in the Western Hemisphere revealed by the African Diaspora genome. <i>Nature Communications</i> , 2016 , 7, 12522	17.4	90
85	Genome-wide association study of breast cancer in Latinas identifies novel protective variants on 6q25. <i>Nature Communications</i> , 2014 , 5, 5260	17.4	89
84	Epigenome-wide meta-analysis of DNA methylation and childhood asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2019 , 143, 2062-2074	11.5	87
83	Genetic ancestry influences asthma susceptibility and lung function among Latinos. <i>Journal of Allergy and Clinical Immunology</i> , 2015 , 135, 228-35	11.5	85
82	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> , 2014 , 134, 295-305	11.5	84
81	A genome-wide association study of bronchodilator response in Latinos implicates rare variants. <i>Journal of Allergy and Clinical Immunology</i> , 2014 , 133, 370-8	11.5	84
80	Socioeconomic status and childhood asthma in urban minority youths. The GALA II and SAGE II studies. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013 , 188, 1202-9	10.2	84

79	Type 2 and interferon inflammation regulate SARS-CoV-2 entry factor expression in the airway epithelium. <i>Nature Communications</i> , 2020 , 11, 5139	17.4	68
78	Whole-Genome Sequencing of Pharmacogenetic Drug Response in Racially Diverse Children with Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 197, 1552-1564	10.2	65
77	Obesity and bronchodilator response in black and Hispanic children and adolescents with asthma. <i>Chest</i> , 2015 , 147, 1591-1598	5.3	60
76	Ethnic-specific associations of rare and low-frequency DNA sequence variants with asthma. <i>Nature Communications</i> , 2015 , 6, 5965	17.4	56
75	The TAM family receptor tyrosine kinase TYRO3 is a negative regulator of type 2 immunity. <i>Science</i> , 2016 , 352, 99-103	33.3	54
74	Perceived Discrimination Associated With Asthma and Related Outcomes in Minority Youth: The GALA II and SAGE II Studies. <i>Chest</i> , 2017 , 151, 804-812	5.3	48
73	Genome-wide methylation data mirror ancestry information. <i>Epigenetics and Chromatin</i> , 2017 , 10, 1	5.8	48
72	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> , 2017 , 18, 12	18.3	46
71	Case-control admixture mapping in Latino populations enriches for known asthma-associated genes. <i>Journal of Allergy and Clinical Immunology</i> , 2012 , 130, 76-82.e12	11.5	46
70	Genome-wide association study of lung function phenotypes in a founder population. <i>Journal of Allergy and Clinical Immunology</i> , 2014 , 133, 248-55.e1-10	11.5	44
69	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> , 2015 , 135, 1502-10	11.5	40
68	Dysregulated invertebrate tropomyosin-dectin-1 interaction confers susceptibility to allergic diseases. <i>Science Immunology</i> , 2018 , 3,	28	36
67	Association study in African-admixed populations across the Americas recapitulates asthma risk loci in non-African populations. <i>Nature Communications</i> , 2019 , 10, 880	17.4	36
66	Functional genomics of CDHR3 confirms its role in HRV-C infection and childhood asthma exacerbations. <i>Journal of Allergy and Clinical Immunology</i> , 2019 , 144, 962-971	11.5	34
65	COMT ValMet polymorphism is associated with post-traumatic stress disorder and functional outcome following mild traumatic brain injury. <i>Journal of Clinical Neuroscience</i> , 2017 , 35, 109-116	2.2	32
64	Genome-wide association study of inhaled corticosteroid response in admixed children with asthma. <i>Clinical and Experimental Allergy</i> , 2019 , 49, 789-798	4.1	32
63	Type 2 and interferon inflammation strongly regulate SARS-CoV-2 related gene expression in the airway epithelium 2020 ,		30
62	Native American gene flow into Polynesia predating Easter Island settlement. <i>Nature</i> , 2020 , 583, 572-573	30.4	28

61	COMT Val 158 Met polymorphism is associated with nonverbal cognition following mild traumatic brain injury. <i>Neurogenetics</i> , 2016 , 17, 31-41	3	28
60	Correcting for cell-type heterogeneity in DNA methylation: a comprehensive evaluation. <i>Nature Methods</i> , 2017 , 14, 218-219	21.6	27
59	ROP: dumpster diving in RNA-sequencing to find the source of 1 trillion reads across diverse adult human tissues. <i>Genome Biology</i> , 2018 , 19, 36	18.3	26
58	Whole-genome sequencing of individuals from a founder population identifies candidate genes for asthma. <i>PLoS ONE</i> , 2014 , 9, e104396	3.7	26
57	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> , 2018 , 115, E4006-E4012	11.5	25
56	A genome-wide association and admixture mapping study of bronchodilator drug response in African Americans with asthma. <i>Pharmacogenomics Journal</i> , 2019 , 19, 249-259	3.5	25
55	Identification of a novel locus associated with skin colour in African-admixed populations. <i>Scientific Reports</i> , 2017 , 7, 44548	4.9	24
54	An admixture mapping meta-analysis implicates genetic variation at 18q21 with asthma susceptibility in Latinos. <i>Journal of Allergy and Clinical Immunology</i> , 2019 , 143, 957-969	11.5	20
53	Single-Cell and Population Transcriptomics Reveal Pan-epithelial Remodeling in Type 2-High Asthma. <i>Cell Reports</i> , 2020 , 32, 107872	10.6	19
52	Ancestry-Dependent Enrichment of Deleterious Homozygotes in Runs of Homozygosity. <i>American Journal of Human Genetics</i> , 2019 , 105, 747-762	11	17
51	Secondhand smoke exposure and asthma outcomes among African-American and Latino children with asthma. <i>Thorax</i> , 2018 , 73, 1041-1048	7.3	17
50	Meta-analysis of GWA studies provides new insights on the genetic architecture of skin pigmentation in recently admixed populations. <i>BMC Genetics</i> , 2019 , 20, 59	2.6	17
49	Self-reported racial/ethnic discrimination and bronchodilator response in African American youth with asthma. <i>PLoS ONE</i> , 2017 , 12, e0179091	3.7	16
48	Genetic Determinants of Telomere Length in African American Youth. <i>Scientific Reports</i> , 2018 , 8, 13265	4.9	15
47	The Effects of Migration and Assortative Mating on Admixture Linkage Disequilibrium. <i>Genetics</i> , 2017 , 205, 375-383	4	14
46	Early-life ozone exposure associated with asthma without sensitization in Latino children. <i>Journal of Allergy and Clinical Immunology</i> , 2016 , 138, 1703-1706.e1	11.5	14
45	On the cross-population generalizability of gene expression prediction models. <i>PLoS Genetics</i> , 2020 , 16, e1008927	6	14
44	Ancestry and genetic associations with bronchopulmonary dysplasia in preterm infants. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018 , 315, L858-L869	5.8	13

43	Adapt-Mix: learning local genetic correlation structure improves summary statistics-based analyses. <i>Bioinformatics</i> , 2015 , 31, i181-9	7.2	11
42	An ancestry-based approach for detecting interactions. <i>Genetic Epidemiology</i> , 2018 , 42, 49-63	2.6	11
41	In utero tobacco smoke exposure, DNA methylation, and asthma in Latino children. <i>Environmental Epidemiology</i> , 2019 , 3, e048	0.2	9
40	Development of a small panel of SNPs to infer ancestry in Chileans that distinguishes Aymara and Mapuche components. <i>Biological Research</i> , 2020 , 53, 15	7.6	9
39	Paths and timings of the peopling of Polynesia inferred from genomic networks. <i>Nature</i> , 2021 , 597, 522-526	5.4	9
38	Racial/Ethnic-Specific Differences in the Effects of Inhaled Corticosteroid Use on Bronchodilator Response in Patients With Asthma. <i>Clinical Pharmacology and Therapeutics</i> , 2019 , 106, 1133-1140	6.1	7
37	Acculturation is associated with asthma burden and pulmonary function in Latino youth: The GALA II study. <i>Journal of Allergy and Clinical Immunology</i> , 2019 , 143, 1914-1922	11.5	7
36	Bacterial salivary microbiome associates with asthma among african american children and young adults. <i>Pediatric Pulmonology</i> , 2019 , 54, 1948-1956	3.5	7
35	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> , 2015 , 136, 1116-8.e9	11.5	7
34	Breastfeeding associated with higher lung function in African American youths with asthma. <i>Journal of Asthma</i> , 2017 , 54, 856-865	1.9	6
33	A genome-wide association study of severe asthma exacerbations in Latino children and adolescents. <i>European Respiratory Journal</i> , 2021 , 57,	13.6	6
32	Genome-wide association study of asthma exacerbations despite inhaled corticosteroid use. <i>European Respiratory Journal</i> , 2021 , 57,	13.6	5
31	Association of a PAI-1 Gene Polymorphism and Early Life Infections with Asthma Risk, Exacerbations, and Reduced Lung Function. <i>PLoS ONE</i> , 2016 , 11, e0157848	3.7	5
30	A genome-wide association study of asthma hospitalizations in adults. <i>Journal of Allergy and Clinical Immunology</i> , 2021 , 147, 933-940	11.5	5
29	Genome-wide association study reveals a novel locus for asthma with severe exacerbations in diverse populations. <i>Pediatric Allergy and Immunology</i> , 2021 , 32, 106-115	4.2	5
28	Differential asthma odds following respiratory infection in children from three minority populations. <i>PLoS ONE</i> , 2020 , 15, e0231782	3.7	4
27	A genome-wide study of DNA methylation in white blood cells and asthma in Latino children and youth. <i>Epigenetics</i> , 2021 , 16, 577-585	5.7	4
26	Whole Genome Sequencing Identifies CRISPLD2 as a Lung Function Gene in Children With Asthma. <i>Chest</i> , 2019 , 156, 1068-1079	5.3	3

25	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> , 2020 , 215, 869-886	4	3
24	Identification of CFTR variants in Latino patients with cystic fibrosis from the Dominican Republic and Puerto Rico. <i>Pediatric Pulmonology</i> , 2020 , 55, 533-540	3.5	3
23	Expression of SMARCD1 interacts with age in association with asthma control on inhaled corticosteroid therapy. <i>Respiratory Research</i> , 2020 , 21, 31	7.3	2
22	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> , 2021 , 5, 862-872	14.5	2
21	Lymph node-resident dendritic cells drive T2 cell development involving MARCH1. <i>Science Immunology</i> , 2021 , 6, eabh0707	28	2
20	NLRP1 variant M1184V decreases inflammasome activation in the context of DPP9 inhibition and asthma severity. <i>Journal of Allergy and Clinical Immunology</i> , 2021 , 147, 2134-2145.e20	11.5	2
19	Nasal airway transcriptome-wide association study of asthma reveals genetically driven mucus pathobiology.. <i>Nature Communications</i> , 2022 , 13, 1632	17.4	2
18	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> , 2020 , 202, 962-972	10.2	1
17	Epigenome-wide association study of lung function in Latino children and youth with asthma.. <i>Clinical Epigenetics</i> , 2022 , 14, 9	7.7	1
16	Genetic determinants of telomere length from 109,122 ancestrally diverse whole-genome sequences in TOPMed.. <i>Cell Genomics</i> , 2022 , 2, 100084-100084		1
15	Integrative genomic analysis in African American children with asthma finds three novel loci associated with lung function. <i>Genetic Epidemiology</i> , 2021 , 45, 190-208	2.6	1
14	A deoxyribonuclease 1-like 3 genetic variant associates with asthma exacerbations. <i>Journal of Allergy and Clinical Immunology</i> , 2021 , 147, 1095-1097.e10	11.5	1
13	Optimized distributed systems achieve significant performance improvement on sorted merging of massive VCF files. <i>GigaScience</i> , 2018 , 7,	7.6	1
12	ADRB2 haplotypes and asthma exacerbations in children and young adults: An individual participant data meta-analysis. <i>Clinical and Experimental Allergy</i> , 2021 , 51, 1157-1171	4.1	0
11	Native American Ancestry and Air Pollution Interact to Impact Bronchodilator Response in Puerto Rican Children with Asthma. <i>Ethnicity and Disease</i> , 2021 , 31, 77-88	1.8	0
10	On the cross-population generalizability of gene expression prediction models 2020 , 16, e1008927		
9	On the cross-population generalizability of gene expression prediction models 2020 , 16, e1008927		
8	On the cross-population generalizability of gene expression prediction models 2020 , 16, e1008927		

- 7 On the cross-population generalizability of gene expression prediction models **2020**, 16, e1008927
- 6 On the cross-population generalizability of gene expression prediction models **2020**, 16, e1008927
- 5 On the cross-population generalizability of gene expression prediction models **2020**, 16, e1008927
- 4 Differential asthma odds following respiratory infection in children from three minority populations **2020**, 15, e0231782
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