Carole Ober

List of Publications by Citations

315 papers	23,745 citations	79 h-index	145 g-index
349 ext. papers	27,677 ext. citations	8.9 avg, IF	6.73 L-index

#	Paper	IF	Citations
315	Genome-wide association study identifies a second prostate cancer susceptibility variant at 8q24. *Nature Genetics*, **2007**, 39, 631-7	36.3	739
314	PRDM9 is a major determinant of meiotic recombination hotspots in humans and mice. *Science*, **2010**, 327, 836-40	33.3	685
313	A common variant associated with prostate cancer in European and African populations. *Nature Genetics*, **2006**, 38, 652-8	36.3	661
312	Two variants on chromosome 17 confer prostate cancer risk, and the one in TCF2 protects against type 2 diabetes. *Nature Genetics*, **2007**, 39, 977-83	36.3	616
311	Meta-analysis of genome-wide association studies of asthma in ethnically diverse North American populations. *Nature Genetics*, **2011**, 43, 887-92	36.3	605
310	Genetic Determinants of the Gut Microbiome in UK Twins. *Cell Host and Microbe*, **2016**, 19, 731-43	23.4	547
309	Innate Immunity and Asthma Risk in Amish and Hutterite Farm Children. *New England Journal of Medicine*, **2016**, 375, 411-421	59.2	537
308	Asthma genetics 2006: the long and winding road to gene discovery. *Genes and Immunity*, **2006**, 7, 95-100	4.4	500
307	Microchimerism and HLA-compatible relationships of pregnancy in scleroderma. *Lancet, The*, **1998**, 351, 559-62	40	496
306	Sex-specific genetic architecture of human disease. *Nature Reviews Genetics*, **2008**, 9, 911-22	30.1	495
305	The genetics of asthma and allergic disease: a 21st century perspective. *Immunological Reviews*, **2011**, 242, 10-30	11.3	417
304	Effect of variation in CHI3L1 on serum YKL-40 level, risk of asthma, and lung function. *New England Journal of Medicine*, **2008**, 358, 1682-91	59.2	390
303	HLA-G and immune tolerance in pregnancy. *FASEB Journal*, **2005**, 19, 681-93	0.9	373
302	Paternally inherited HLA alleles are associated with women's choice of male odor. *Nature Genetics*, **2002**, 30, 175-9	36.3	345
301	Rhinovirus wheezing illness and genetic risk of childhood-onset asthma. *New England Journal of Medicine*, **2013**, 368, 1398-407	59.2	336
300	Multi-ancestry genome-wide association study of 21,000 cases and 95,000 controls identifies new risk loci for atopic dermatitis. *Nature Genetics*, **2015**, 47, 1449-1456	36.3	329
299	Common sequence variants on 2p15 and Xp11.22 confer susceptibility to prostate cancer. *Nature Genetics*, **2008**, 40, 281-3	36.3	327

298	The sex-specific genetic architecture of quantitative traits in humans. *Nature Genetics*, **2006**, 38, 218-22	36.3	319
297	Allele-specific targeting of microRNAs to HLA-G and risk of asthma. *American Journal of Human Genetics*, **2007**, 81, 829-34	11	316
296	A Second-Generation Genomewide Screen for Asthma-Susceptibility Alleles in a Founder Population. *American Journal of Human Genetics*, **2000**, 67, 1154-1162	11	302
295	HLA and mate choice in humans. *American Journal of Human Genetics*, **1997**, 61, 497-504	11	290
294	High-resolution mapping of crossovers reveals extensive variation in fine-scale recombination patterns among humans. *Science*, **2008**, 319, 1395-8	33.3	287
293	Genome-wide search for asthma susceptibility loci in a founder population. The Collaborative Study on the Genetics of Asthma. *Human Molecular Genetics*, **1998**, 7, 1393-8	5.6	282
292	Multiancestry association study identifies new asthma risk loci that colocalize with immune-cell enhancer marks. *Nature Genetics*, **2018**, 50, 42-53	36.3	246
291	Variation in the interleukin 4-receptor alpha gene confers susceptibility to asthma and atopy in ethnically diverse populations. *American Journal of Human Genetics*, **2000**, 66, 517-26	11	230
290	Fine mapping and positional candidate studies identify HLA-G as an asthma susceptibility gene on chromosome 6p21. *American Journal of Human Genetics*, **2005**, 76, 349-57	11	213
289	Genomewide screen and identification of gene-gene interactions for asthma-susceptibility loci in three U.S. populations: collaborative study on the genetics of asthma. *American Journal of Human Genetics*, **2001**, 68, 1437-46	11	202
288	Variation in the HLA-G promoter region influences miscarriage rates. *American Journal of Human Genetics*, **2003**, 72, 1425-35	11	200
287	Seasonal variation in human gut microbiome composition. *PLoS ONE*, **2014**, 9, e90731	3.7	179
286	Human leukocyte antigen matching and fetal loss: results of a 10 year prospective study. *Human Reproduction*, **1998**, 13, 33-8	5.7	173
285	Effects of dog ownership and genotype on immune development and atopy in infancy. *Journal of Allergy and Clinical Immunology*, **2004**, 113, 307-14	11.5	170
284	HLA-G1 protein expression is not essential for fetal survival. *Placenta*, **1998**, 19, 127-32	3.4	169
283	Estimating the human mutation rate using autozygosity in a founder population. *Nature Genetics*, **2012**, 44, 1277-81	36.3	162
282	Mononuclear-cell immunisation in prevention of recurrent miscarriages: a randomised trial. *Lancet, The*, **1999**, 354, 365-9	40	158
281	The genetic dissection of complex traits in a founder population. *American Journal of Human Genetics*, **2001**, 69, 1068-79	11	156

280	Cystic fibrosis mutation screening in healthy men with reduced sperm quality. *Human Reproduction*, **1996**, 11, 513-7	5.7	154
279	Genome-Wide Association Studies of the Human Gut Microbiota. *PLoS ONE*, **2015**, 10, e0140301	3.7	153
278	Assembly of a pan-genome from deep sequencing of 910 humans of African descent. *Nature Genetics*, **2019**, 51, 30-35	36.3	153
277	Association studies for asthma and atopic diseases: a comprehensive review of the literature. *Respiratory Research*, **2003**, 4, 14	7.3	150
276	TMEM237 is mutated in individuals with a Joubert syndrome related disorder and expands the role of the TMEM family at the ciliary transition zone. *American Journal of Human Genetics*, **2011**, 89, 713-30	11	145
275	Soluble HLA-G circulates in maternal blood during pregnancy. *American Journal of Obstetrics and Gynecology*, **2000**, 183, 682-8	6.4	141
274	An siRNA-based functional genomics screen for the identification of regulators of ciliogenesis and ciliopathy genes. *Nature Cell Biology*, **2015**, 17, 1074-1087	23.4	140
273	Loneliness is associated with sleep fragmentation in a communal society. *Sleep*, **2011**, 34, 1519-26	1.1	138
272	Novel case-control test in a founder population identifies P-selectin as an atopy-susceptibility locus. *American Journal of Human Genetics*, **2003**, 73, 612-26	11	138
271	Evidence of balancing selection at the HLA-G promoter region. *Human Molecular Genetics*, **2005**, 14, 3619-28	5.78	137
270	Autoimmune etiology in premature ovarian failure. *American Journal of Reproductive Immunology and Microbiology: AJRIM*, **1988**, 16, 115-22		136
269	Evidence for gene-environment interactions in a linkage study of asthma and smoking exposure. *Journal of Allergy and Clinical Immunology*, **2003**, 111, 840-6	11.5	128
268	Estimation of variance components of quantitative traits in inbred populations. *American Journal of Human Genetics*, **2000**, 66, 629-50	11	122
267	HLA-G genotypes and pregnancy outcome in couples with unexplained recurrent miscarriage. *Molecular Human Reproduction*, **2001**, 7, 1167-72	4.4	120
266	Directional dominance on stature and cognition in diverse human populations. *Nature*, **2015**, 523, 459-462	50.4	119
265	Gene-environment interactions in human disease: nuisance or opportunity?. *Trends in Genetics*, **2011**, 27, 107-15	8.5	119
264	Variants in DENND1A are associated with polycystic ovary syndrome in women of European ancestry. *Journal of Clinical Endocrinology and Metabolism*, **2012**, 97, E1342-7	5.6	118
263	Present status on the genetic studies of asthma. *Current Opinion in Immunology*, **2002**, 14, 709-17	7.8	116

262	Broad and narrow heritabilities of quantitative traits in a founder population. *American Journal of Human Genetics*, **2001**, 68, 1302-7	11	114
261	Shared and distinct genetic risk factors for childhood-onset and adult-onset asthma: genome-wide and transcriptome-wide studies. *Lancet Respiratory Medicine,the*, **2019**, 7, 509-522	35.1	111
260	Population genetic studies of HLA-E: evidence for selection. *Human Immunology*, **1997**, 52, 33-40	2.3	110
259	Genome-wide association studies of asthma indicate opposite immunopathogenesis direction from autoimmune diseases. *Journal of Allergy and Clinical Immunology*, **2012**, 130, 861-8.e7	11.5	109
258	Sex-specific genetic architecture of whole blood serotonin levels. *American Journal of Human Genetics*, **2005**, 76, 33-41	11	109
257	Inheritance of most X-linked traits is not dominant or recessive, just X-linked. *American Journal of Medical Genetics Part A*, **2004**, 129A, 136-43		108
256	The effects of EBV transformation on gene expression levels and methylation profiles. *Human Molecular Genetics*, **2011**, 20, 1643-52	5.6	104
255	Genome-wide association study identifies candidate genes for male fertility traits in humans. *American Journal of Human Genetics*, **2012**, 90, 950-61	11	102
254	Human spermatogenic failure purges deleterious mutation load from the autosomes and both sex chromosomes, including the gene DMRT1. *PLoS Genetics*, **2013**, 9, e1003349	6	99
253	Quantitative-trait homozygosity and association mapping and empirical genomewide significance in large, complex pedigrees: fasting serum-insulin level in the Hutterites. *American Journal of Human Genetics*, **2002**, 70, 920-34	11	99
252	The ABO blood group is a trans-species polymorphism in primates. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 18493-8	11.5	98
251	A second-generation genomewide screen for asthma-susceptibility alleles in a founder population. *American Journal of Human Genetics*, **2000**, 67, 1154-62	11	96
250	Prenatal tobacco smoke exposure is associated with childhood DNA CpG methylation. *PLoS ONE*, **2014**, 9, e99716	3.7	94
249	Evidence for extensive transmission distortion in the human genome. *American Journal of Human Genetics*, **2004**, 74, 62-72	11	94
248	Gene-environment interaction effects on the development of immune responses in the 1st year of life. *American Journal of Human Genetics*, **2005**, 76, 696-704	11	93
247	DNA methylation in lung cells is associated with asthma endotypes and genetic risk. *JCI Insight*, **2016**, 1, e90151	9.9	92
246	Ethnic differences in asthma and associated phenotypes: collaborative study on the genetics of asthma. *Journal of Allergy and Clinical Immunology*, **2001**, 108, 357-62	11.5	91
245	A decade of research on the 17q12-21 asthma locus: Piecing together the puzzle. *Journal of Allergy and Clinical Immunology*, **2018**, 142, 749-764.e3	11.5	90

244	A continuum of admixture in the Western Hemisphere revealed by the African Diaspora genome. *Nature Communications*, **2016**, 7, 12522	17.4	90
243	Identification of glucokinase mutations in subjects with gestational diabetes mellitus. *Diabetes*, **1993**, 42, 937-40	0.9	90
242	The chitinase and chitinase-like proteins: a review of genetic and functional studies in asthma and immune-mediated diseases. *Current Opinion in Allergy and Clinical Immunology*, **2009**, 9, 401-8	3.3	84
241	Does HLA-dependent chimerism underlie the pathogenesis of juvenile dermatomyositis?. *Journal of Immunology*, **2004**, 172, 5041-6	5.3	84
240	Genetic variation in immunoregulatory pathways and atopic phenotypes in infancy. *Journal of Allergy and Clinical Immunology*, **2004**, 113, 511-8	11.5	83
239	Best linear unbiased allele-frequency estimation in complex pedigrees. *Biometrics*, **2004**, 60, 359-67	1.8	80
238	Exome sequencing reveals a novel mutation for autosomal recessive non-syndromic mental retardation in the TECR gene on chromosome 19p13. *Human Molecular Genetics*, **2011**, 20, 1285-9	5.6	79
237	Inbreeding effects on fertility in humans: evidence for reproductive compensation. *American Journal of Human Genetics*, **1999**, 64, 225-31	11	79
236	Targeted Germline Modifications in Rats Using CRISPR/Cas9 and Spermatogonial Stem Cells. *Cell Reports*, **2015**, 10, 1828-35	10.6	78
235	Genome-wide association study of plasma lipoprotein(a) levels identifies multiple genes on chromosome 6q. *Journal of Lipid Research*, **2009**, 50, 798-806	6.3	78
234	The effects of EBV transformation on gene expression levels and methylation profiles. *Human Molecular Genetics*, **2012**, 21, 2142-2142	5.6	78
233	Perspectives on the past decade of asthma genetics. *Journal of Allergy and Clinical Immunology*, **2005**, 116, 274-8	11.5	78
232	Broad-scale recombination patterns underlying proper disjunction in humans. *PLoS Genetics*, **2009**, 5, e1000658	6	77
231	Recessive TRAPPC11 mutations cause a disease spectrum of limb girdle muscular dystrophy and myopathy with movement disorder and intellectual disability. *American Journal of Human Genetics*, **2013**, 93, 181-90	11	76
230	The miscarriage-associated HLA-G -725G allele influences transcription rates in JEG-3 cells. *Human Reproduction*, **2006**, 21, 1743-8	5.7	76
229	HLA and pregnancy: the paradox of the fetal allograft. *American Journal of Human Genetics*, **1998**, 62, 1-5	11	75
228	Variation in ITGB3 is associated with whole-blood serotonin level and autism susceptibility. *European Journal of Human Genetics*, **2006**, 14, 923-31	5.3	73
227	HLA-G polymorphisms: neutral evolution or novel function?. *Journal of Reproductive Immunology*, **1997**, 36, 1-21	4.2	72

226	Studies of HLA, fertility and mate choice in a human isolate. *Human Reproduction Update*, **1999**, 5, 103-7	15.8	72
225	Population genetic studies of HLA-G: allele frequencies and linkage disequilibrium with HLA-A1. *Journal of Reproductive Immunology*, **1996**, 32, 111-23	4.2	72
224	Stress and Bronchodilator Response in Children with Asthma. *American Journal of Respiratory and Critical Care Medicine*, **2015**, 192, 47-56	10.2	71
223	Genome-wide linkage analyses of total serum IgE using variance components analysis in asthmatic families. *Genetic Epidemiology*, **2001**, 20, 340-55	2.6	71
222	Genome-Wide Methylation Study Identifies an IL-13-induced Epigenetic Signature in Asthmatic Airways. *American Journal of Respiratory and Critical Care Medicine*, **2016**, 193, 376-85	10.2	70
221	Leveraging gene-environment interactions and endotypes for asthma gene discovery. *Journal of Allergy and Clinical Immunology*, **2016**, 137, 667-79	11.5	69
220	Genetic studies of stuttering in a founder population. *Journal of Fluency Disorders*, **2007**, 32, 33-50	2.3	69
219	Molecular genetic studies of major histocompatibility complex genes in children with juvenile dermatomyositis: increased risk associated with HLA-DQA1 *0501. *Human Immunology*, **1991**, 32, 235-40	2.3	69
218	A novel polymorphism in the 5' promoter region of the human interleukin-4 receptor alpha-chain gene is associated with decreased soluble interleukin-4 receptor protein levels. *Immunogenetics*, **2001**, 53, 264-9	3.2	66
217	The importance of genealogy in determining genetic associations with complex traits. *American Journal of Human Genetics*, **2001**, 69, 1146-8	11	66
216	Decreased fecundability in Hutterite couples sharing HLA-DR. *American Journal of Human Genetics*, **1992**, 50, 6-14	11	66
215	Contributing factors to the pathobiology. The genetics of asthma. *Clinics in Chest Medicine*, **2000**, 21, 245-61	5.3	65
214	Epigenome-wide analysis links SMAD3 methylation at birth to asthma in children of asthmatic mothers. *Journal of Allergy and Clinical Immunology*, **2017**, 140, 534-542	11.5	63
213	Colloquium papers: Heritability of reproductive fitness traits in a human population. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107 Suppl 1, 1772-8	11.5	63
212	Noninvasive analysis of the sputum transcriptome discriminates clinical phenotypes of asthma. *American Journal of Respiratory and Critical Care Medicine*, **2015**, 191, 1116-25	10.2	62
211	Fine mapping and positional candidate studies on chromosome 5p13 identify multiple asthma susceptibility loci. *Journal of Allergy and Clinical Immunology*, **2006**, 118, 396-402	11.5	61
210	A genome-wide search for allergic response (atopy) genes in three ethnic groups: Collaborative Study on the Genetics of Asthma. *Human Genetics*, **2004**, 114, 157-64	6.3	61
209	Genome-wide association study identifies ITGB3 as a QTL for whole blood serotonin. *European Journal of Human Genetics*, **2004**, 12, 949-54	5.3	59

208	HLA-G in reproduction: studies on the maternal-fetal interface. *Human Immunology*, **2000**, 61, 1113-7	2.3	59
207	Rethinking genetic models of asthma: the role of environmental modifiers. *Current Opinion in Immunology*, **2005**, 17, 670-8	7.8	58
206	Ethnic-specific associations of rare and low-frequency DNA sequence variants with asthma. *Nature Communications*, **2015**, 6, 5965	17.4	56
205	A variant of the myosin light chain kinase gene is associated with severe asthma in African Americans. *Genetic Epidemiology*, **2007**, 31, 296-305	2.6	56
204	Resequencing candidate genes implicates rare variants in asthma susceptibility. *American Journal of Human Genetics*, **2012**, 90, 273-81	11	55
203	Determining the genetic basis of anthracycline-cardiotoxicity by molecular response QTL mapping in induced cardiomyocytes. *ELife*, **2018**, 7,	8.9	54
202	Genome-wide association study of body mass index in 23 000 individuals with and without asthma. *Clinical and Experimental Allergy*, **2013**, 43, 463-74	4.1	54
201	Genome-wide association and HLA fine-mapping studies identify risk loci and genetic pathways underlying allergic rhinitis. *Nature Genetics*, **2018**, 50, 1072-1080	36.3	52
200	Immune development and environment: lessons from Amish and Hutterite children. *Current Opinion in Immunology*, **2017**, 48, 51-60	7.8	52
199	Asthma Genetics in the Post-GWAS Era. *Annals of the American Thoracic Society*, **2016**, 13 Suppl 1, S85-90	4.7	52
198	Future Research Directions in Asthma. An NHLBI Working Group Report. *American Journal of Respiratory and Critical Care Medicine*, **2015**, 192, 1366-72	10.2	51
197	Genome-wide interaction studies reveal sex-specific asthma risk alleles. *Human Molecular Genetics*, **2014**, 23, 5251-9	5.6	50
196	Thyrotropin-receptor and thyroid peroxidase-specific T cell clones and their cytokine profile in autoimmune thyroid disease. *Journal of Clinical Endocrinology and Metabolism*, **1997**, 82, 3655-63	5.6	50
195	A meta-analysis of genome-wide association studies for serum total IgE in diverse study populations. *Journal of Allergy and Clinical Immunology*, **2013**, 131, 1176-84	11.5	49
194	Exome sequencing and the genetics of intellectual disability. *Clinical Genetics*, **2011**, 80, 117-26	4	49
193	Testing for Hardy-Weinberg equilibrium in samples with related individuals. *Genetics*, **2004**, 168, 2349-61	4	49
192	Cadherin-related Family Member 3 Genetics and Rhinovirus C Respiratory Illnesses. *American Journal of Respiratory and Critical Care Medicine*, **2018**, 197, 589-594	10.2	49
191	Lessons Learned From GWAS of Asthma. *Allergy, Asthma and Immunology Research*, **2019**, 11, 170-187	5.3	46

190	Host genetic variation influences gene expression response to rhinovirus infection. *PLoS Genetics*, **2015**, 11, e1005111	6	45
189	An estimate of the average number of recessive lethal mutations carried by humans. *Genetics*, **2015** , 199, 1243-54	4	45
188	Associations between fungal and bacterial microbiota of airways and asthma endotypes. *Journal of Allergy and Clinical Immunology*, **2019**, 144, 1214-1227.e7	11.5	45
187	Integrated genome-wide association, coexpression network, and expression single nucleotide polymorphism analysis identifies novel pathway in allergic rhinitis. *BMC Medical Genomics*, **2014**, 7, 48	3.7	45
186	Linkage disequilibrium and age estimates of a deletion polymorphism (1597DeltaC) in HLA-G suggest non-neutral evolution. *Human Immunology*, **2002**, 63, 405-12	2.3	45
185	Genetic variability in the major histocompatibility complex: A review of non-pathogen-mediated selective mechanisms. *American Journal of Physical Anthropology*, **1993**, 36, 71-89	2.5	45
184	Genome-wide association study of lung function phenotypes in a founder population. *Journal of Allergy and Clinical Immunology*, **2014**, 133, 248-55.e1-10	11.5	44
183	Empirical data about women's attitudes towards a hypothetical pediatric biobank. *American Journal of Medical Genetics, Part A*, **2008**, 146A, 297-304	2.5	44
182	A null mutation in HLA-G is not associated with preeclampsia or intrauterine growth retardation. *Journal of Reproductive Immunology*, **2000**, 47, 41-8	4.2	44
181	Host genetic variation in mucosal immunity pathways influences the upper airway microbiome. *Microbiome*, **2017**, 5, 16	16.6	43
180	A population-based study of autosomal-recessive disease-causing mutations in a founder population. *American Journal of Human Genetics*, **2012**, 91, 608-20	11	41
179	Cutting edge: polymorphisms in the ICOS promoter region are associated with allergic sensitization and Th2 cytokine production. *Journal of Immunology*, **2005**, 175, 2061-5	5.3	41
178	Associations of autozygosity with a broad range of human phenotypes. *Nature Communications*, **2019**, 10, 4957	17.4	40
177	A genome-wide survey of CD4(+) lymphocyte regulatory genetic variants identifies novel asthma genes. *Journal of Allergy and Clinical Immunology*, **2014**, 134, 1153-62	11.5	40
176	Genome-wide association study and admixture mapping reveal new loci associated with total IgE levels in Latinos. *Journal of Allergy and Clinical Immunology*, **2015**, 135, 1502-10	11.5	40
175	ITGB3 shows genetic and expression interaction with SLC6A4. *Human Genetics*, **2006**, 120, 93-100	6.3	40
174	HLA sharing and fertility in Hutterite couples: evidence for prenatal selection against compatible fetuses. *American Journal of Reproductive Immunology and Microbiology: AJRIM*, **1988**, 18, 111-5		40
173	Major loci influencing serum triglyceride levels on 2q14 and 9p21 localized by homozygosity-by-descent mapping in a large Hutterite pedigree. *Human Molecular Genetics*, **2003**, 12, 137-44	5.6	39

172	HLA-H: a pseudogene with increased variation due to balancing selection at neighboring loci. *Molecular Biology and Evolution*, **1998**, 15, 1581-8	8.3	39
171	Maternal asthma and microRNA regulation of soluble HLA-G in the airway. *Journal of Allergy and Clinical Immunology*, **2013**, 131, 1496-503	11.5	38
170	Homozygous founder mutation in desmocollin-2 (DSC2) causes arrhythmogenic cardiomyopathy in the Hutterite population. *Circulation: Cardiovascular Genetics*, **2013**, 6, 327-36		38
169	The combination of a genome-wide association study of lymphocyte count and analysis of gene expression data reveals novel asthma candidate genes. *Human Molecular Genetics*, **2012**, 21, 2111-23	5.6	38
168	Sequencing the IL4 locus in African Americans implicates rare noncoding variants in asthma susceptibility. *Journal of Allergy and Clinical Immunology*, **2009**, 124, 1204-9.e9	11.5	38
167	Gene Expression Profiling in Blood Provides Reproducible Molecular Insights into Asthma Control. *American Journal of Respiratory and Critical Care Medicine*, **2017**, 195, 179-188	10.2	37
166	HLA-G polymorphisms and soluble HLA-G protein levels in women with recurrent pregnancy loss from Basrah province in Iraq. *Human Immunology*, **2012**, 73, 811-7	2.3	37
165	Functional variants of the sphingosine-1-phosphate receptor 1 gene associate with asthma susceptibility. *Journal of Allergy and Clinical Immunology*, **2010**, 126, 241-9, 249.e1-3	11.5	37
164	Genome scan for loci linked to mite sensitivity: the Collaborative Study on the Genetics of Asthma (CSGA). *Genes and Immunity*, **2004**, 5, 226-31	4.4	37
163	Variation in conserved non-coding sequences on chromosome 5q and susceptibility to asthma and atopy. *Respiratory Research*, **2005**, 6, 145	7.3	36
162	Association study in African-admixed populations across the Americas recapitulates asthma risk loci in non-African populations. *Nature Communications*, **2019**, 10, 880	17.4	36
161	Variation in ITGB3 is associated with asthma and sensitization to mold allergen in four populations. *American Journal of Respiratory and Critical Care Medicine*, **2005**, 172, 67-73	10.2	35
160	Reducing mitochondrial reads in ATAC-seq using CRISPR/Cas9. *Scientific Reports*, **2017**, 7, 2451	4.9	34
159	Advances in asthma and allergic disease genetics: Is bigger always better?. *Journal of Allergy and Clinical Immunology*, **2019**, 144, 1495-1506	11.5	34
158	Intellectual disability associated with a homozygous missense mutation in THOC6. *Orphanet Journal of Rare Diseases*, **2013**, 8, 62	4.2	34
157	Evaluating the evidence for transmission distortion in human pedigrees. *Genetics*, **2012**, 191, 215-32	4	34
156	Heritability estimation and differential analysis of count data with generalized linear mixed models in genomic sequencing studies. *Bioinformatics*, **2019**, 35, 487-496	7.2	32
155	Heritability estimation of sex-specific effects on human quantitative traits. *Genetic Epidemiology*, **2007**, 31, 338-47	2.6	32

154	HLA-DRB1*01 alleles are associated with sensitization to cockroach allergens. *Journal of Allergy and Clinical Immunology*, **2000**, 105, 960-6	11.5	32
153	IFNG genotype and sex interact to influence the risk of childhood asthma. *Journal of Allergy and Clinical Immunology*, **2011**, 128, 524-31	11.5	29
152	Are common disease susceptibility alleles the same in outbred and founder populations?. *European Journal of Human Genetics*, **2004**, 12, 584-90	5.3	29
151	Genetic associations with viral respiratory illnesses and asthma control in children. *Clinical and Experimental Allergy*, **2016**, 46, 112-24	4.1	29
150	The maternal HLA-G 1597C null mutation is associated with increased risk of pre-eclampsia and reduced HLA-G expression during pregnancy in African-American women. *Molecular Human Reproduction*, **2013**, 19, 144-52	4.4	28
149	Current topic: HLA and reproduction: lessons from studies in the Hutterites. *Placenta*, **1995**, 16, 569-77	3.4	28
148	Increased risk for gestational diabetes mellitus associated with insulin receptor and insulin-like growth factor II restriction fragment length polymorphisms. *Genetic Epidemiology*, **1989**, 6, 559-69	2.6	28
147	Immunogenetic studies in families of children with juvenile dermatomyositis. *Journal of Rheumatology*, **1998**, 25, 1000-2	4.1	28
146	PRIMAL: Fast and accurate pedigree-based imputation from sequence data in a founder population. *PLoS Computational Biology*, **2015**, 11, e1004139	5	27
145	Fraction of exhaled nitric oxide values in childhood are associated with 17q11.2-q12 and 17q12-q21 variants. *Journal of Allergy and Clinical Immunology*, **2014**, 134, 46-55	11.5	27
144	Genome-wide ancestry association testing identifies a common European variant on 6q14.1 as a risk factor for asthma in African American subjects. *Journal of Allergy and Clinical Immunology*, **2012** , 130, 622-629.e9	11.5	27
143	Further replication studies of the EVE Consortium meta-analysis identifies 2 asthma risk loci in European Americans. *Journal of Allergy and Clinical Immunology*, **2012**, 130, 1294-301	11.5	27
142	Sequence variation in the promoter region of the cholinergic receptor muscarinic 3 gene and asthma and atopy. *Journal of Allergy and Clinical Immunology*, **2003**, 111, 527-32	11.5	27
141	A population genetics study of single nucleotide polymorphisms in the interleukin 4 receptor alpha (IL4RA) gene. *Genes and Immunity*, **2001**, 2, 128-34	4.4	27
140	Genome-wide association study of recalcitrant atopic dermatitis in Korean children. *Journal of Allergy and Clinical Immunology*, **2015**, 136, 678-684.e4	11.5	26
139	Whole-genome sequencing of individuals from a founder population identifies candidate genes for asthma. *PLoS ONE*, **2014**, 9, e104396	3.7	26
138	Correlation of intergenerational family sizes suggests a genetic component of reproductive fitness. *American Journal of Human Genetics*, **2007**, 81, 165-9	11	26
137	Sex differences in the genetic basis of morning serum cortisol levels: genome-wide screen identifies two novel loci specific to women. *Journal of Clinical Endocrinology and Metabolism*, **2005**, 90, 4747-52	5.6	26

136	Matching two independent cohorts validates DPH1 as a gene responsible for autosomal recessive intellectual disability with short stature, craniofacial, and ectodermal anomalies. *Human Mutation*, **2015**, 36, 1015-9	4.7	25
135	Evolutionary forward genomics reveals novel insights into the genes and pathways dysregulated in recurrent early pregnancy loss. *Human Reproduction*, **2015**, 30, 519-29	5.7	25
134	Integration of mouse and human genome-wide association data identifies KCNIP4 as an asthma gene. *PLoS ONE*, **2013**, 8, e56179	3.7	25
133	The genetics of asthma. Mapping genes for complex traits in founder populations. *Clinical and Experimental Allergy*, **1998**, 28 Suppl 1, 101-5; discussion 108-10	4.1	25
132	Empirical data about women's attitudes toward a biobank focused on pregnancy outcomes. *American Journal of Medical Genetics, Part A*, **2008**, 146A, 305-11	2.5	25
131	Immunogenicity of the soluble isoforms of HLA-G. *Molecular Human Reproduction*, **2003**, 9, 729-35	4.4	25
130	Polymorphisms in the HLA-linked olfactory receptor genes in the Hutterites. *Human Immunology*, **2000**, 61, 711-7	2.3	25
129	Genome-Wide Association Study Identification of Novel Loci Associated with Airway Responsiveness in Chronic Obstructive Pulmonary Disease. *American Journal of Respiratory Cell and Molecular Biology*, **2015**, 53, 226-34	5.7	24
128	Inverted duplications on acentric markers: mechanism of formation. *Human Molecular Genetics*, **2009**, 18, 2241-56	5.6	24
127	Variation in ITGB3 has sex-specific associations with plasma lipoprotein(a) and whole blood serotonin levels in a population-based sample. *Human Genetics*, **2005**, 117, 81-7	6.3	24
126	A robust test for assortative mating. *European Journal of Human Genetics*, **2000**, 8, 119-24	5.3	24
125	The maternal-fetal relationship in human pregnancy: an immunogenetic perspective. *Experimental and Clinical Immunogenetics*, **1992**, 9, 1-14		24
124	Association of ORMDL3 with rhinovirus-induced endoplasmic reticulum stress and type I Interferon responses in human leucocytes. *Clinical and Experimental Allergy*, **2017**, 47, 371-382	4.1	23
123	Integrin beta 3 genotype influences asthma and allergy phenotypes in the first 6 years of life. *Journal of Allergy and Clinical Immunology*, **2007**, 119, 1423-9	11.5	23
122	Ancestral and recombinant 16-locus HLA haplotypes in the Hutterites. *Immunogenetics*, **1999**, 49, 491-7	3.2	23
121	Expression Quantitative Trait Locus Mapping Studies in Mid-secretory Phase Endometrial Cells Identifies HLA-F and TAP2 as Fecundability-Associated Genes. *PLoS Genetics*, **2016**, 12, e1005858	6	23
120	A comparison of humans and baboons suggests germline mutation rates do not track cell divisions. *PLoS Biology*, **2020**, 18, e3000838	9.7	23
119	Global DNA methylation changes spanning puberty are near predicted estrogen-responsive genes and enriched for genes involved in endocrine and immune processes. *Clinical Epigenetics*, **2018**, 10, 62	7.7	22

118	Mutation for nonsyndromic mental retardation in the trans-2-enoyl-CoA reductase TER gene involved in fatty acid elongation impairs the enzyme activity and stability, leading to change in sphingolipid profile. *Journal of Biological Chemistry*, **2013**, 288, 36741-9	5.4	22
117	XM: association testing on the X-chromosome in case-control samples with related individuals. *Genetic Epidemiology*, **2012**, 36, 438-50	2.6	21
116	Levels of soluble human leukocyte antigen-G are increased in asthmatic airways. *European Respiratory Journal*, **2010**, 35, 925-7	13.6	21
115	A genomewide screen for chronic rhinosinusitis genes identifies a locus on chromosome 7q. *Laryngoscope*, **2008**, 118, 2067-72	3.6	21
114	HLA-G: an asthma gene on chromosome 6p. *Immunology and Allergy Clinics of North America*, **2005**, 25, 669-79	3.3	21
113	Susceptibility genes in asthma and allergy. *Current Allergy and Asthma Reports*, **2001**, 1, 174-9	5.6	21
112	Extensive pleiotropism and allelic heterogeneity mediate metabolic effects of and. *Science*, **2021**, 372, 1085-1091	33.3	21
111	Expression quantitative trait locus fine mapping of the 17q12-21 asthma locus in African American children: a genetic association and gene expression study. *Lancet Respiratory Medicine,the*, **2020**, 8, 482-492	35.1	20
110	Rising prevalence of asthma is sex-specific in a US farming population. *Journal of Allergy and Clinical Immunology*, **2011**, 128, 774-9	11.5	20
109	Drawing the history of the Hutterite population on a genetic landscape: inference from Y-chromosome and mtDNA genotypes. *European Journal of Human Genetics*, **2010**, 18, 463-70	5.3	20
108	A genome-wide search for quantitative trait loci contributing to variation in seasonal pollen reactivity. *Journal of Allergy and Clinical Immunology*, **2006**, 117, 79-85	11.5	20
107	An admixture mapping meta-analysis implicates genetic variation at 18q21 with asthma susceptibility in Latinos. *Journal of Allergy and Clinical Immunology*, **2019**, 143, 957-969	11.5	20
106	Club Cell TRPV4 Serves as a Damage Sensor Driving Lung Allergic Inflammation. *Cell Host and Microbe*, **2020**, 27, 614-628.e6	23.4	18
105	Maternal microchimerism protects against the development of asthma. *Journal of Allergy and Clinical Immunology*, **2013**, 132, 39-44	11.5	18
104	The effect of freeze-thaw cycles on gene expression levels in lymphoblastoid cell lines. *PLoS ONE*, **2014**, 9, e107166	3.7	18
103	Accurate imputation of rare and common variants in a founder population from a small number of sequenced individuals. *Genetic Epidemiology*, **2012**, 36, 312-9	2.6	18
102	The CFTR Met 470 allele is associated with lower birth rates in fertile men from a population isolate. *PLoS Genetics*, **2010**, 6, e1000974	6	18
101	T-cell phenotypes are associated with serum IgE levels in Amish and Hutterite children. *Journal of Allergy and Clinical Immunology*, **2019**, 144, 1391-1401.e10	11.5	17

100	Role of local CpG DNA methylation in mediating the 17q21 asthma susceptibility gasdermin B (GSDMB)/ORMDL sphingolipid biosynthesis regulator 3 (ORMDL3) expression quantitative trait locus. *Journal of Allergy and Clinical Immunology*, **2018**, 141, 2282-2286.e6	11.5	17
99	Sequence variation in the IL4 gene and resistance to Trypanosoma cruzi infection in Bolivians. *Journal of Allergy and Clinical Immunology*, **2011**, 127, 279-82, 282.e1-3	11.5	17
98	CFTR mutations and reproductive outcomes in a population isolate. *Human Genetics*, **2008**, 122, 583-8	6.3	17
97	Sex-specific genetic architecture of asthma-associated quantitative trait loci in a founder population. *Current Allergy and Asthma Reports*, **2006**, 6, 241-6	5.6	17
96	Rare non-coding variants are associated with plasma lipid traits in a founder population. *Scientific Reports*, **2017**, 7, 16415	4.9	16
95	A genome-wide screen for hyposmia susceptibility Loci. *Chemical Senses*, **2008**, 33, 319-29	4.8	16
94	Variation in the type I interferon gene cluster on 9p21 influences susceptibility to asthma and atopy. *Genes and Immunity*, **2006**, 7, 169-78	4.4	16
93	Missing data in haplotype analysis: a study on the MILC method. *Annals of Human Genetics*, **2002**, 66, 99-108	2.2	16
92	The role of environmental tobacco smoke in genetic susceptibility to asthma. *Current Opinion in Allergy and Clinical Immunology*, **2004**, 4, 335-9	3.3	16
91	Genome-wide screen for atopy susceptibility alleles in the Hutterites. *Clinical and Experimental Allergy*, **1999**, 29 Suppl 4, 11-5	4.1	16
90	Linkage analysis with dense SNP maps in isolated populations. *Human Heredity*, **2009**, 68, 87-97	1.1	15
89	Characterization of a Unique Form of Arrhythmic Cardiomyopathy Caused by Recessive Mutation in LEMD2. *JACC Basic To Translational Science*, **2019**, 4, 204-221	8.7	14
88	Epigenome-wide association study of DNA methylation and adult asthma in the Agricultural Lung Health Study. *European Respiratory Journal*, **2020**, 56,	13.6	14
87	Epigenetic landscape links upper airway microbiota in infancy with allergic rhinitis at 6 years of age. *Journal of Allergy and Clinical Immunology*, **2020**, 146, 1358-1366	11.5	14
86	A common spinal muscular atrophy deletion mutation is present on a single founder haplotype in the US Hutterites. *European Journal of Human Genetics*, **2011**, 19, 1045-51	5.3	13
85	A common cortactin gene variation confers differential susceptibility to severe asthma. *Genetic Epidemiology*, **2008**, 32, 757-66	2.6	13
84	The Children's Respiratory and Environmental Workgroup (CREW) birth cohort consortium: design, methods, and study population. *Respiratory Research*, **2019**, 20, 115	7.3	12
83	Evolutionary genetics of the human Rh blood group system. *Human Genetics*, **2012**, 131, 1205-16	6.3	12

82	Human body scents: conscious perceptions and biological effects. *Chemical Senses*, **2005**, 30 Suppl 1, i135-7	4.8	12
81	Immunogenetics of reproduction: an overview. *Current Topics in Microbiology and Immunology*, **1997**, 222, 1-23	3.3	12
80	A novel NDUFS4 frameshift mutation causes Leigh disease in the Hutterite population. *American Journal of Medical Genetics, Part A*, **2017**, 173, 596-600	2.5	11
79	Increased protein-coding mutations in the mitochondrial genome of African American women with preeclampsia. *Reproductive Sciences*, **2012**, 19, 1343-51	3	11
78	Statistical analysis of outcomes from repeated pregnancies: effects of HLA sharing on fetal loss rates. *Genetic Epidemiology*, **1991**, 8, 187-97	2.6	11
77	Demographic components of gene frequency change in free-ranging macaques on Cayo Santiago. *American Journal of Physical Anthropology*, **1984**, 64, 223-31	2.5	11
76	Genetic-Epigenetic Interactions in Asthma Revealed by a Genome-Wide Gene-Centric Search. *Human Heredity*, **2018**, 83, 130-152	1.1	11
75	A multiple splitting approach to linkage analysis in large pedigrees identifies a linkage to asthma on chromosome 12. *Genetic Epidemiology*, **2009**, 33, 207-16	2.6	10
74	Ethnic heterogeneity and cystic fibrosis transmembrane regulator (CFTR) mutation frequencies in Chicago-area CF families. *American Journal of Human Genetics*, **1992**, 51, 1344-8	11	10
73	Integrated analyses of gene expression and genetic association studies in a founder population. *Human Molecular Genetics*, **2016**, 25, 2104-2112	5.6	10
72	A common variant in RAB27A gene is associated with fractional exhaled nitric oxide levels in adults. *Clinical and Experimental Allergy*, **2015**, 45, 797-806	4.1	9
71	Ultra-fast local-haplotype variant calling using paired-end DNA-sequencing data reveals somatic mosaicism in tumor and normal blood samples. *Nucleic Acids Research*, **2016**, 44, e25	20.1	9
70	A shared founder mutation underlies restrictive dermopathy in Old Colony (Dutch-German) Mennonite and Hutterite patients in North America. *American Journal of Medical Genetics, Part A*, **2012**, 158A, 1229-32	2.5	9
69	Studies of cystic fibrosis in Hutterite families by using linked DNA probes. *American Journal of Human Genetics*, **1987**, 41, 1145-51	11	9
68	Cytokine-induced molecular responses in airway smooth muscle cells inform genome-wide association studies of asthma. *Genome Medicine*, **2020**, 12, 64	14.4	9
67	Transcriptome and regulatory maps of decidua-derived stromal cells inform gene discovery in preterm birth. *Science Advances*, **2020**, 6,	14.3	9
66	Positive selection on human gamete-recognition genes. *PeerJ*, **2018**, 6, e4259	3.1	9
65	Gene Coexpression Networks in Whole Blood Implicate Multiple Interrelated Molecular Pathways in Obesity in People with Asthma. *Obesity*, **2018**, 26, 1938-1948	8	9

64	Parent-of-origin effects on quantitative phenotypes in a large Hutterite pedigree. *Communications Biology*, **2019**, 2, 28	6.7	8
63	Evidence for an IL-6-high asthma phenotype in asthmatic patients of African ancestry. *Journal of Allergy and Clinical Immunology*, **2019**, 144, 304-306.e4	11.5	8
62	Pathogenic Variant in , p.Arg183Trp, Causes Juvenile-Onset Dystonia, Hearing Loss, and Developmental Delay without Midline Malformation. *Case Reports in Genetics*, **2017**, 2017, 9184265	0.7	8
61	Innate Immunity and Asthma Risk. *New England Journal of Medicine*, **2016**, 375, 1898-1899	59.2	8
60	Transcriptional programming and T cell receptor repertoires distinguish human lung and lymph node memory T cells. *Communications Biology*, **2019**, 2, 411	6.7	8
59	Sequence variations at the human leukocyte antigen-linked olfactory receptor cluster do not influence female preferences for male odors. *Human Immunology*, **2010**, 71, 100-3	2.3	8
58	Shades of gray: a comparison of linkage disequilibrium between Hutterites and Europeans. *Genetic Epidemiology*, **2010**, 34, 133-9	2.6	8
57	Reply to The MHC and body odors: arbitrary effects caused by shifts of mean pleasantness *Nature Genetics*, **2002**, 31, 237-238	36.3	8
56	A LASSO penalized regression approach for genome-wide association analyses using related individuals: application to the Genetic Analysis Workshop 19 simulated data. *BMC Proceedings*, **2016** , 10, 221-226	2.3	8
55	Elevated levels of soluble humanleukocyte antigen-G in the airways are a marker for a low-inflammatory endotype of asthma. *Journal of Allergy and Clinical Immunology*, **2017**, 140, 857-860	11.5	7
54	Fine mapping of a locus for nonsyndromic mental retardation on chromosome 19p13. *American Journal of Medical Genetics, Part A*, **2008**, 146A, 1414-22	2.5	7
53	Extended HLA profile of an inbred isolate: the Schmiedeleut Hutterites of South Dakota. *Genetic Epidemiology*, **1995**, 12, 47-62	2.6	7
52	Prenatal effects of maternal-fetal HLA compatibility. *American Journal of Reproductive Immunology and Microbiology: AJRIM*, **1987**, 15, 141-9		7
51	Pluripotent stem cell-derived endometrial stromal fibroblasts in a cyclic, hormone-responsive, coculture model of human decidua. *Cell Reports*, **2021**, 35, 109138	10.6	7
50	Association of HLA-DRB1*09:01 with tIgE levels among African-ancestry individuals with asthma. *Journal of Allergy and Clinical Immunology*, **2020**, 146, 147-155	11.5	6
49	Variants in DPF3 and DSCAML1 are associated with sperm morphology. *Journal of Assisted Reproduction and Genetics*, **2014**, 31, 131-7	3.4	6
48	(Too) great expectations: the challenges in replicating asthma disease genes. *American Journal of Respiratory and Critical Care Medicine*, **2009**, 179, 1078-9	10.2	6
47	Multilocus linkage disequilibrium mapping by the decay of haplotype sharing with samples of related individuals. *Genetic Epidemiology*, **2005**, 29, 128-40	2.6	6

46	Effect of inbreeding avoidance on Hardy-Weinberg expectations: examples of neutral and selected loci. *Genetic Epidemiology*, **1999**, 17, 165-73	2.6	6
45	Chromosome 17q12-21 Variants Are Associated with Multiple Wheezing Phenotypes in Childhood. *American Journal of Respiratory and Critical Care Medicine*, **2021**, 203, 864-870	10.2	6
44	Parent of origin gene expression in a founder population identifies two new candidate imprinted genes at known imprinted regions. *PLoS ONE*, **2018**, 13, e0203906	3.7	6
43	Effects of an FcRIIA polymorphism on leukocyte gene expression and cytokine responses to anti-CD3 and anti-CD28 antibodies. *Genes and Immunity*, **2019**, 20, 462-472	4.4	5
42	Genetic variance components estimation for binary traits using multiple related individuals. *Genetic Epidemiology*, **2011**, 35, 291-302	2.6	5
41	Correlation of phenotypic and genetic heterogeneity in cystic fibrosis: variability in sweat electrolyte levels contributes to heterogeneity and is increased with the XV-2c/KM19 B haplotype. *American Journal of Medical Genetics Part A*, **1991**, 39, 137-43		5
40	Asthma-associated genetic variants induce IL33 differential expression through an enhancer-blocking regulatory region. *Nature Communications*, **2021**, 12, 6115	17.4	5
39	Disclosure of genetic research results to members of a founder population. *Journal of Genetic Counseling*, **2014**, 23, 984-91	2.5	4
38	Asthma Bridge: The Asthma Biorepository For Integrative Genomic Exploration **2011**,		4
37	Author response: Determining the genetic basis of anthracycline-cardiotoxicity by molecular response QTL mapping in induced cardiomyocytes **2018**,		4
36	FUT2-ABO epistasis increases the risk of early childhood asthma and Streptococcus pneumoniae respiratory illnesses. *Nature Communications*, **2020**, 11, 6398	17.4	4
35	Altered transcriptional and chromatin responses to rhinovirus in bronchial epithelial cells from adults with asthma. *Communications Biology*, **2020**, 3, 678	6.7	4
34	Longitudinal data reveal strong genetic and weak non-genetic components of ethnicity-dependent blood DNA methylation levels. *Epigenetics*, **2021**, 16, 662-676	5.7	4
33	A functional genomics pipeline identifies pleiotropy and cross-tissue effects within obesity-associated GWAS loci. *Nature Communications*, **2021**, 12, 5253	17.4	4
32	Allele-Specific Targeting of microRNAs to HLA-G and Risk of Asthma. *American Journal of Human Genetics*, **2008**, 82, 251	11	3
31	Polymorphic microsatellite markers within the MHC of Peromyscus polionotus. *Hereditas*, **2000**, 133, 179-81	2.4	3
30	Multi-omics co-localization with genome-wide association studies reveals a context-specific genetic mechanism at a childhood onset asthma risk locus		3
29	Enhanced Neutralizing Antibody Responses to Rhinovirus C and Age-Dependent Patterns of Infection. *American Journal of Respiratory and Critical Care Medicine*, **2021**, 203, 822-830	10.2	3

28	Expression Quantitative Trait Locus (eQTL) Mapping In Diverse Populations And Cell Types Identifies Numerous Asthma-Associated Regulatory Variants **2012**,		2
27	Multi-omics colocalization with genome-wide association studies reveals a context-specific genetic mechanism at a childhood onset asthma risk locus. *Genome Medicine*, **2021**, 13, 157	14.4	2
26	Functional significance of MHC variation in mate choice, reproductive outcome, and disease risk **2007**, 95-108		2
25	Heritability Estimation and Differential Analysis with Generalized Linear Mixed Models in Genomic Sequencing Studies		2
24	Genome-wide association study identifies TNFSF15 associated with childhood asthma. *Allergy: European Journal of Allergy and Clinical Immunology*, **2021**,	9.3	2
23	Development of a diagnostic DNA chip to screen for 30 autosomal recessive disorders in the Hutterite population. *Molecular Genetics & Genomic Medicine*, **2016**, 4, 312-21	2.3	2
22	Gut Microbiota from Amish but Not Hutterite Children Protect Germ-Free Mice from Experimental Asthma **2019**,		2
21	Sex-specific differences in peripheral blood leukocyte transcriptional response to LPS are enriched for HLA region and X chromosome genes. *Scientific Reports*, **2021**, 11, 1107	4.9	2
20	Unconjugated bilirubin is associated with protection from early-life wheeze and childhood asthma. *Journal of Allergy and Clinical Immunology*, **2021**, 148, 128-138	11.5	2
19	Association of common filaggrin null mutations with atopy but not chronic rhinosinusitis. *Annals of Allergy, Asthma and Immunology*, **2015**, 114, 420-421	3.2	1
18	Shared and Distinct Genetic Risk Factors for Childhood Onset and Adult Onset Asthma: Genome- and Transcriptome-wide Studies		1
17	A comparison of humans and baboons suggests germline mutation rates do not track cell divisions		1
16	Inducible expression quantitative trait locus analysis of the MUC5AC gene in asthma in urban populations of children. *Journal of Allergy and Clinical Immunology*, **2021**, 148, 1505-1514	11.5	1
15	Two-stage genome-wide association study of chronic rhinosinusitis and disease subphenotypes highlights mucosal immunity contributing to risk. *International Forum of Allergy and Rhinology*, **2021**, 11, 814-817	6.3	1
14	A-to-I editing of miR-200b-3p in airway cells is associated with moderate-to-severe asthma. *European Respiratory Journal*, **2021**, 58,	13.6	1
13	Multiethnic genome-wide and HLA association study of total serum IgE level. *Journal of Allergy and Clinical Immunology*, **2021**, 148, 1589-1595	11.5	1
12	Establishment of human induced trophoblast stem-like cells from term villous cytotrophoblasts. *Stem Cell Research*, **2021**, 56, 102507	1.6	1
11	Effect of inbreeding avoidance on Hardy-Weinberg expectations: Examples of neutral and selected loci **1999**, 17, 165		1

10	Response to correspondence of NDUFS4-related Leigh syndrome in Hutterites. *American Journal of Medical Genetics, Part A*, **2017**, 173, 1452	2.5
9	Frequencies of Hemoglobin Variants: Thalassemia, the Glucose-6-Phosphate Dehydrogenase Deficiency, G6PD Variants, and Ovalocytosis in Human Populations. Frank B. Livingstone.. *American Anthropologist*, **1987**, 89, 208-209	1.5
8	Genetics of Populations. Philip W. Hedrick.. *American Anthropologist*, **1987**, 89, 209-209	1.5
7	Amish and Hutterite Environmental Farm Products Have Opposite Effects on Experimental Models of Asthma. *Annals of the American Thoracic Society*, **2016**, 13 Suppl 1, S99	4.7
6	A comparison of humans and baboons suggests germline mutation rates do not track cell divisions **2020**, 18, e3000838	
5	A comparison of humans and baboons suggests germline mutation rates do not track cell divisions **2020**, 18, e3000838	
4	A comparison of humans and baboons suggests germline mutation rates do not track cell divisions **2020**, 18, e3000838	
3	A comparison of humans and baboons suggests germline mutation rates do not track cell divisions **2020**, 18, e3000838	
2	A comparison of humans and baboons suggests germline mutation rates do not track cell divisions **2020**, 18, e3000838	
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