Carole Ober

List of Publications by Year
in descending order

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323 papers	30,066 citations	4831 87 h-index	7234 158 g-index
349 all docs	349 docs citations	349 times ranked	35585 citing authors

#	Article	IF	Citations
1	PRDM9 Is a Major Determinant of Meiotic Recombination Hotspots in Humans and Mice. Science, 2010, 327, 836-840.	6.0	893
2	Genetic Determinants of the Gut Microbiome in UK Twins. Cell Host and Microbe, 2016, 19, 731-743.	5.1	831
3	Genome-wide association study identifies a second prostate cancer susceptibility variant at 8q24. Nature Genetics, 2007, 39, 631-637.	9.4	818
4	Innate Immunity and Asthma Risk in Amish and Hutterite Farm Children. New England Journal of Medicine, 2016, 375, 411-421.	13.9	745
5	A common variant associated with prostate cancer in European and African populations. Nature Genetics, 2006, 38, 652-658.	9.4	738
6	Meta-analysis of genome-wide association studies of asthma in ethnically diverse North American populations. Nature Genetics, 2011, 43, 887-892.	9.4	736
7	Two variants on chromosome 17 confer prostate cancer risk, and the one in TCF2 protects against type 2 diabetes. Nature Genetics, 2007, 39, 977-983.	9.4	670
8	Sex-specific genetic architecture of human disease. Nature Reviews Genetics, 2008, 9, 911-922.	7.7	623
9	Microchimerism and HLA-compatible relationships of pregnancy in scleroderma. Lancet, The, 1998, 351, 559-562.	6.3	574
10	Asthma genetics 2006: the long and winding road to gene discovery. Genes and Immunity, 2006, 7, 95-100.	2.2	574
11	The genetics of asthma and allergic disease: a 21st century perspective. Immunological Reviews, 2011, 242, 10-30.	2.8	537
12	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.	9.4	529
13	Rhinovirus Wheezing Illness and Genetic Risk of Childhood-Onset Asthma. New England Journal of Medicine, 2013, 368, 1398-1407.	13.9	449
14	Effect of Variation inCHI3L1on Serum YKL-40 Level, Risk of Asthma, and Lung Function. New England Journal of Medicine, 2008, 358, 1682-1691.	13.9	445
15	HLAâ€G and immune tolerance in pregnancy. FASEB Journal, 2005, 19, 681-693.	0.2	432
16	Multiancestry association study identifies new asthma risk loci that colocalize with immune-cell enhancer marks. Nature Genetics, 2018, 50, 42-53.	9.4	426
17	Paternally inherited HLA alleles are associated with women's choice of male odor. Nature Genetics, 2002, 30, 175-179.	9.4	411
18	The sex-specific genetic architecture of quantitative traits in humans. Nature Genetics, 2006, 38, 218-222.	9.4	365

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19	Common sequence variants on 2p15 and Xp11.22 confer susceptibility to prostate cancer. Nature Genetics, 2008, 40, 281-283.	9.4	357
20	Genome-wide search for asthma susceptibility loci in a founder population. The Collaborative Study on the Genetics of Asthma. Human Molecular Genetics, 1998, 7, 1393-1398.	1.4	356
21	HLA and Mate Choice in Humans. American Journal of Human Genetics, 1997, 61, 497-504.	2.6	345
22	Allele-Specific Targeting of microRNAs to HLA-G and Risk of Asthma. American Journal of Human Genetics, 2007, 81, 829-834.	2.6	344
23	High-Resolution Mapping of Crossovers Reveals Extensive Variation in Fine-Scale Recombination Patterns Among Humans. Science, 2008, 319, 1395-1398.	6.0	340
24	A Secondâ€Generation Genomewide Screen for Asthmaâ€Susceptibility Alleles in a Founder Population. American Journal of Human Genetics, 2000, 67, 1154-1162.	2.6	328
25	Assembly of a pan-genome from deep sequencing of 910 humans of African descent. Nature Genetics, 2019, 51, 30-35.	9.4	276
26	Variation in the Interleukin 4â€“Receptor Î± Gene Confers Susceptibility to Asthma and Atopy in Ethnically Diverse Populations. American Journal of Human Genetics, 2000, 66, 517-526.	2.6	251
27	Seasonal Variation in Human Gut Microbiome Composition. PLoS ONE, 2014, 9, e90731.	1.1	246
28	Variation in the HLA-G Promoter Region Influences Miscarriage Rates. American Journal of Human Genetics, 2003, 72, 1425-1435.	2.6	242
29	Fine Mapping and Positional Candidate Studies Identify HLA-G as an Asthma Susceptibility Gene on Chromosome 6p21. American Journal of Human Genetics, 2005, 76, 349-357.	2.6	238
30	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.	5.2	238
31	Genome-Wide Association Studies of the Human Gut Microbiota. PLoS ONE, 2015, 10, e0140301.	1.1	228
32	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, 1437-1446.	2.6	225
33	An siRNA-based functional genomics screen for theÂidentification of regulators of ciliogenesis and ciliopathyÂgenes. Nature Cell Biology, 2015, 17, 1074-1087.	4.6	215
34	Human leukocyte antigen matching and fetal loss: results of a 10 year prospective study. Human Reproduction, 1998, 13, 33-38.	0.4	211
35	Effects of dog ownership and genotype on immune development and atopy in infancyâ˜†. Journal of Allergy and Clinical Immunology, 2004, 113, 307-314.	1.5	202
36	Estimating the human mutation rate using autozygosity in a founder population. Nature Genetics, 2012, 44, 1277-1281.	9.4	202

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37	Mononuclear-cell immunisation in prevention of recurrent miscarriages: a randomised trial. Lancet, The, 1999, 354, 365-369.	6.3	192
38	Association studies for asthma and atopic diseases: a comprehensive review of the literature. Respiratory Research, 2003, 4, 14.	1.4	189
39	HLA-G1 protein expression is not essential for fetal survival. Placenta, 1998, 19, 127-132.	0.7	179
40	Loneliness Is Associated with Sleep Fragmentation in a Communal Society. Sleep, 2011, 34, 1519-1526.	0.6	179
41	Cystic fibrosis mutation screening in healthy men with reduced sperm quality. Human Reproduction, 1996, 11, 513-517.	0.4	178
42	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, 713-730.	2.6	178
43	The Genetic Dissection of Complex Traits in a Founder Population. American Journal of Human Genetics, 2001, 69, 1068-1079.	2.6	175
44	Directional dominance on stature and cognition inÂdiverse human populations. Nature, 2015, 523, 459-462.	13.7	173
45	Evidence of balancing selection at the HLA-G promoter region. Human Molecular Genetics, 2005, 14, 3619-3628.	1.4	169
46	Autoimmune Etiology in Premature Ovarian Failure. American Journal of Reproductive Immunology and Microbiology: AJRIM, 1988, 16, 115-122.	1.5	165
47	Geneâ€“environment interactions in human disease: nuisance or opportunity?. Trends in Genetics, 2011, 27, 107-115.	2.9	162
48	Soluble HLA-G circulates in maternal blood during pregnancy. American Journal of Obstetrics and Gynecology, 2000, 183, 682-688.	0.7	157
49	HLA-G genotypes and pregnancy outcome in couples with unexplained recurrent miscarriage. Molecular Human Reproduction, 2001, 7, 1167-1172.	1.3	154
50	A Second-Generation Genomewide Screen for Asthma-Susceptibility Alleles in a Founder Population. American Journal of Human Genetics, 2000, 67, 1154-1162.	2.6	152
51	Novel Case-Control Test in a Founder Population Identifies P-Selectin as an Atopy-Susceptibility Locus. American Journal of Human Genetics, 2003, 73, 612-626.	2.6	148
52	Evidence for gene-environment interactions in a linkage study of asthma and smoking exposure. Journal of Allergy and Clinical Immunology, 2003, 111, 840-846.	1.5	146
53	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.	1.5	143
54	Variants inDENND1AAre Associated with Polycystic Ovary Syndrome in Women of European Ancestry. Journal of Clinical Endocrinology and Metabolism, 2012, 97, E1342-E1347.	1.8	142

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55	Inheritance of most X-linked traits is not dominant or recessive, just X-linked. American Journal of Medical Genetics Part A, 2004, 129A, 136-143.	2.4	140
56	A continuum of admixture in the Western Hemisphere revealed by the African Diaspora genome. Nature Communications, 2016, 7, 12522.	5.8	136
57	Broad and Narrow Heritabilities of Quantitative Traits in a Founder Population. American Journal of Human Genetics, 2001, 68, 1302-1307.	2.6	135
58	DNA methylation in lung cells is associated with asthma endotypes and genetic risk. JCI Insight, 2016, 1, e90151.	2.3	133
59	Estimation of Variance Components of Quantitative Traits in Inbred Populations. American Journal of Human Genetics, 2000, 66, 629-650.	2.6	130
60	Genome-wide association studies of asthma indicate opposite immunopathogenesis direction from autoimmune diseases. Journal of Allergy and Clinical Immunology, 2012, 130, 861-868.e7.	1.5	130
61	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, 18493-18498.	3.3	127
62	Population genetic studies of HLA-E. Human Immunology, 1997, 52, 33-40.	1.2	126
63	The effects of EBV transformation on gene expression levels and methylation profiles. Human Molecular Genetics, 2011, 20, 1643-1652.	1.4	124
64	Present status on the genetic studies of asthma. Current Opinion in Immunology, 2002, 14, 709-717.	2.4	123
65	Sex-Specific Genetic Architecture of Whole Blood Serotonin Levels. American Journal of Human Genetics, 2005, 76, 33-41.	2.6	122
66	Human Spermatogenic Failure Purges Deleterious Mutation Load from the Autosomes and Both Sex Chromosomes, including the Gene DMRT1. PLoS Genetics, 2013, 9, e1003349.	1.5	118
67	Genome-wide Association Study Identifies Candidate Genes for Male Fertility Traits in Humans. American Journal of Human Genetics, 2012, 90, 950-961.	2.6	117
68	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, 920-934.	2.6	111
69	Evidence for Extensive Transmission Distortion in the Human Genome. American Journal of Human Genetics, 2004, 74, 62-72.	2.6	111
70	Broad-Scale Recombination Patterns Underlying Proper Disjunction in Humans. PLoS Genetics, 2009, 5, e1000658.	1.5	107
71	Genome-wide association and HLA fine-mapping studies identify risk loci and genetic pathways underlying allergic rhinitis. Nature Genetics, 2018, 50, 1072-1080.	9.4	106
72	Prenatal Tobacco Smoke Exposure Is Associated with Childhood DNA CpG Methylation. PLoS ONE, 2014, 9, e99716.	1.1	105

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73	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.	2.6	104
74	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, 401-408.	1.1	103
75	Identification of Glucokinase Mutations in Subjects With Gestational Diabetes Mellitus. Diabetes, 1993, 42, 937-940.	0.3	102
76	Best Linear Unbiased Allele-Frequency Estimation in Complex Pedigrees. Biometrics, 2004, 60, 359-367.	0.8	101
77	Ethnic differences in asthma and associated phenotypes: Collaborative Study on the Genetics of Asthma. Journal of Allergy and Clinical Immunology, 2001, 108, 357-362.	1.5	99
78	Stress and Bronchodilator Response in Children with Asthma. American Journal of Respiratory and Critical Care Medicine, 2015, 192, 47-56.	2.5	99
79	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, 181-190.	2.6	98
80	Does HLA-Dependent Chimerism Underlie the Pathogenesis of Juvenile Dermatomyositis?. Journal of Immunology, 2004, 172, 5041-5046.	0.4	96
81	The miscarriage-associated HLA-G â€“725G allele influences transcription rates in JEG-3 cells. Human Reproduction, 2006, 21, 1743-1748.	0.4	96
82	Leveraging gene-environment interactions and endotypes for asthma gene discovery. Journal of Allergy and Clinical Immunology, 2016, 137, 667-679.	1.5	96
83	Associations between fungal and bacterial microbiota of airways and asthma endotypes. Journal of Allergy and Clinical Immunology, 2019, 144, 1214-1227.e7.	1.5	96
84	Decreased fecundability in Hutterite couples sharing HLA-DR. American Journal of Human Genetics, 1992, 50, 6-14.	2.6	96
85	Genetic variation in immunoregulatory pathways and atopic phenotypes in infancy. Journal of Allergy and Clinical Immunology, 2004, 113, 511-518.	1.5	95
86	Inbreeding Effects on Fertility in Humans: Evidence for Reproductive Compensation. American Journal of Human Genetics, 1999, 64, 225-231.	2.6	94
87	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, 1285-1289.	1.4	94
88	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.	1.5	94
89	Determining the genetic basis of anthracycline-cardiotoxicity by molecular response QTL mapping in induced cardiomyocytes. ELife, 2018, 7, .	2.8	94
90	Targeted Germline Modifications in Rats Using CRISPR/Cas9 and Spermatogonial Stem Cells. Cell Reports, 2015, 10, 1828-1835.	2.9	93

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91	Asthma Genetics in the Post-GWAS Era. Annals of the American Thoracic Society, 2016, 13, S85-S90.	1.5	93
92	Studies of HLA, fertility and mate choice in a human isolate. Human Reproduction Update, 1999, 5, 103-107.	5.2	92
93	HLA and Pregnancy: The Paradox of the Fetal Allograft. American Journal of Human Genetics, 1998, 62, 1-5.	2.6	91
94	Genome-Wide Methylation Study Identifies an IL-13â€“induced Epigenetic Signature in Asthmatic Airways. American Journal of Respiratory and Critical Care Medicine, 2016, 193, 376-385.	2.5	90
95	Perspectives on the past decade of asthma genetics. Journal of Allergy and Clinical Immunology, 2005, 116, 274-278.	1.5	89
96	Genome-wide association study of plasma lipoprotein(a) levels identifies multiple genes on chromosome 6q. Journal of Lipid Research, 2009, 50, 798-806.	2.0	86
97	Noninvasive Analysis of the Sputum Transcriptome Discriminates Clinical Phenotypes of Asthma. American Journal of Respiratory and Critical Care Medicine, 2015, 191, 1116-1125.	2.5	86
98	Future Research Directions in Asthma. An NHLBI Working Group Report. American Journal of Respiratory and Critical Care Medicine, 2015, 192, 1366-1372.	2.5	84
99	Associations of autozygosity with a broad range of human phenotypes. Nature Communications, 2019, 10, 4957.	5.8	84
100	Variation in ITGB3 is associated with whole-blood serotonin level and autism susceptibility. European Journal of Human Genetics, 2006, 14, 923-931.	1.4	82
101	Molecular genetic studies of major histocompatibility complex genes in children with Juvenile dermatomyositis: Increased risk associated with HLA-DQA1â*—0501. Human Immunology, 1991, 32, 235-240.	1.2	80
102	Cadherin-related Family Member 3 Genetics and Rhinovirus C Respiratory Illnesses. American Journal of Respiratory and Critical Care Medicine, 2018, 197, 589-594.	2.5	80
103	Heritability of reproductive fitness traits in a human population. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 1772-1778.	3.3	79
104	HLA-G polymorphisms: neutral evolution or novel function?. Journal of Reproductive Immunology, 1997, 36, 1-21.	0.8	78
105	Genome-wide linkage analyses of total serum IgE using variance components analysis in asthmatic families. Genetic Epidemiology, 2001, 20, 340-355.	0.6	78
106	Population genetic studies of HLA-G: allele frequencies and linkage disequilibrium with HLA-A. Journal of Reproductive Immunology, 1996, 32, 111-123.	0.8	77
107	Lessons Learned From GWAS of Asthma. Allergy, Asthma and Immunology Research, 2019, 11, 170.	1.1	77
108	CONTRIBUTING FACTORS TO THE PATHOBIOLOGY. Clinics in Chest Medicine, 2000, 21, 245-261.	0.8	76

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109	HLA-G in reproduction: studies on the maternalâ€“fetal interface. Human Immunology, 2000, 61, 1113-1117.	1.2	74
110	The Importance of Genealogy in Determining Genetic Associations with Complex Traits. American Journal of Human Genetics, 2001, 69, 1146-1148.	2.6	74
111	Genetic studies of stuttering in a founder population. Journal of Fluency Disorders, 2007, 32, 33-50.	0.7	74
112	Immune development and environment: lessons from Amish and Hutterite children. Current Opinion in Immunology, 2017, 48, 51-60.	2.4	74
113	Association study in African-admixed populations across the Americas recapitulates asthma risk loci in non-African populations. Nature Communications, 2019, 10, 880.	5.8	71
114	A genome-wide search for allergic response (atopy) genes in three ethnic groups: Collaborative Study on the Genetics of Asthma. Human Genetics, 2004, 114, 157-164.	1.8	70
115	Rethinking genetic models of asthma: the role of environmental modifiers. Current Opinion in Immunology, 2005, 17, 670-678.	2.4	70
116	Genome-wide interaction studies reveal sex-specific asthma risk alleles. Human Molecular Genetics, 2014, 23, 5251-5259.	1.4	70
117	An Estimate of the Average Number of Recessive Lethal Mutations Carried by Humans. Genetics, 2015, 199, 1243-1254.	1.2	69
118	Fine mapping and positional candidate studies on chromosome 5p13 identify multiple asthma susceptibility loci. Journal of Allergy and Clinical Immunology, 2006, 118, 396-402.	1.5	68
119	Genomeâ€wide association study of body mass index in 23Â000 individuals with and without asthma. Clinical and Experimental Allergy, 2013, 43, 463-474.	1.4	68
120	A novel polymorphism in the 5â€² promoter region of the human interleukin-4 receptor Î±-chain gene is associated with decreased soluble interleukin-4 receptor protein levels. Immunogenetics, 2001, 53, 264-269.	1.2	67
121	Host Genetic Variation Influences Gene Expression Response to Rhinovirus Infection. PLoS Genetics, 2015, 11, e1005111.	1.5	67
122	Ethnic-specific associations of rare and low-frequency DNA sequence variants with asthma. Nature Communications, 2015, 6, 5965.	5.8	66
123	Extensive pleiotropism and allelic heterogeneity mediate metabolic effects of IRX3 and IRX5. Science, 2021, 372, 1085-1091.	6.0	66
124	Genome-wide association study identifies ITGB3 as a QTL for whole blood serotonin. European Journal of Human Genetics, 2004, 12, 949-954.	1.4	65
125	Resequencing Candidate Genes Implicates Rare Variants in Asthma Susceptibility. American Journal of Human Genetics, 2012, 90, 273-281.	2.6	65
126	A comparison of humans and baboons suggests germline mutation rates do not track cell divisions. PLoS Biology, 2020, 18, e3000838.	2.6	64

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127	Integrated genome-wide association, coexpression network, and expression single nucleotide polymorphism analysis identifies novel pathway in allergic rhinitis. BMC Medical Genomics, 2014, 7, 48.	0.7	63
128	Genetic variability in the major histocompatibility complex: A review of non-pathogen-mediated selective mechanisms. American Journal of Physical Anthropology, 1993, 36, 71-89.	2.1	62
129	Host genetic variation in mucosal immunity pathways influences the upper airway microbiome. Microbiome, 2017, 5, 16.	4.9	61
130	Advances in asthma and allergic disease genetics: Is bigger always better?. Journal of Allergy and Clinical Immunology, 2019, 144, 1495-1506.	1.5	61
131	A variant of the myosin light chain kinase gene is associated with severe asthma in African Americans. Genetic Epidemiology, 2007, 31, 296-305.	0.6	60
132	Heritability estimation and differential analysis of count data with generalized linear mixed models in genomic sequencing studies. Bioinformatics, 2019, 35, 487-496.	1.8	60
133	Thyrotropin-Receptor and Thyroid Peroxidase-Specific T Cell Clones and Their Cytokine Profile in Autoimmune Thyroid Disease1. Journal of Clinical Endocrinology and Metabolism, 1997, 82, 3655-3663.	1.8	59
134	Testing for Hardy-Weinberg Equilibrium in Samples With Related Individuals. Genetics, 2004, 168, 2349-2361.	1.2	59
135	Exome sequencing and the genetics of intellectual disability. Clinical Genetics, 2011, 80, 117-126.	1.0	59
136	Linkage disequilibrium and age estimates of a deletion polymorphism (1597Î”C) in HLA-G suggest non-neutral evolution. Human Immunology, 2002, 63, 405-412.	1.2	58
137	A meta-analysis of genome-wide association studies for serum total IgE in diverse study populations. Journal of Allergy and Clinical Immunology, 2013, 131, 1176-1184.	1.5	58
138	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, 1502-1510.	1.5	52
139	Reducing mitochondrial reads in ATAC-seq using CRISPR/Cas9. Scientific Reports, 2017, 7, 2451.	1.6	51
140	HLA Sharing and Fertility in Hutterite Couples: Evidence for Prenatal Selection Against Compatible Fetuses. American Journal of Reproductive Immunology and Microbiology: AJRIM, 1988, 18, 111-115.	1.5	50
141	A null mutation in HLA-G is not associated with preeclampsia or intrauterine growth retardation. Journal of Reproductive Immunology, 2000, 47, 41-48.	0.8	50
142	A Population-Based Study of Autosomal-Recessive Disease-Causing Mutations in a Founder Population. American Journal of Human Genetics, 2012, 91, 608-620.	2.6	50
143	Genome-wide association study of lung function phenotypes in a founder population. Journal of Allergy and Clinical Immunology, 2014, 133, 248-255.e10.	1.5	50
144	Gene Expression Profiling in Blood Provides Reproducible Molecular Insights into Asthma Control. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 179-188.	2.5	49

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145	Intellectual disability associated with a homozygous missense mutation in THOC6. Orphanet Journal of Rare Diseases, 2013, 8, 62.	1.2	48
146	Empirical data about women's attitudes towards a hypothetical pediatric biobank. American Journal of Medical Genetics, Part A, 2008, 146A, 297-304.	0.7	47
147	Homozygous Founder Mutation in Desmocollin-2 (DSC2) Causes Arrhythmogenic Cardiomyopathy in the Hutterite Population. Circulation: Cardiovascular Genetics, 2013, 6, 327-336.	5.1	47
148	Expression quantitative trait locus fine mapping of the 17q12â€“21 asthma locus in African American children: a genetic association and gene expression study. Lancet Respiratory Medicine,the, 2020, 8, 482-492.	5.2	47
149	Club Cell TRPV4 Serves as a Damage Sensor Driving Lung Allergic Inflammation. Cell Host and Microbe, 2020, 27, 614-628.e6.	5.1	47
150	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, 2111-2123.	1.4	46
151	A genome-wide survey of CD4+ lymphocyte regulatory genetic variants identifies novel asthma genes. Journal of Allergy and Clinical Immunology, 2014, 134, 1153-1162.	1.5	46
152	Cutting Edge: Polymorphisms in the ICOS Promoter Region Are Associated with Allergic Sensitization and Th2 Cytokine Production. Journal of Immunology, 2005, 175, 2061-2065.	0.4	45
153	Genome-wide association study of recalcitrant atopic dermatitis in Korean children. Journal of Allergy and Clinical Immunology, 2015, 136, 678-684.e4.	1.5	45
154	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.	1.8	45
155	ITGB3 shows genetic and expression interaction with SLC6A4. Human Genetics, 2006, 120, 93-100.	1.8	44
156	Maternal asthma and microRNA regulation of soluble HLA-G in the airway. Journal of Allergy and Clinical Immunology, 2013, 131, 1496-1503.e4.	1.5	44
157	HLA-H: a pseudogene with increased variation due to balancing selection at neighboring loci. Molecular Biology and Evolution, 1998, 15, 1581-1588.	3.5	43
158	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, 137-144.	1.4	43
159	Variation in conserved non-coding sequences on chromosome 5q and susceptibility to asthma and atopy. Respiratory Research, 2005, 6, 145.	1.4	43
160	Sequencing the IL4 locus in African Americans implicates rare noncoding variants in asthma susceptibility. Journal of Allergy and Clinical Immunology, 2009, 124, 1204-1209.e9.	1.5	43
161	Evaluating the Evidence for Transmission Distortion in Human Pedigrees. Genetics, 2012, 191, 215-232.	1.2	43
162	HLA-G polymorphisms and soluble HLA-G protein levels in women with recurrent pregnancy loss from Basrah province in Iraq. Human Immunology, 2012, 73, 811-817.	1.2	42

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163	Whole-Genome Sequencing of Individuals from a Founder Population Identifies Candidate Genes for Asthma. PLoS ONE, 2014, 9, e104396.	1.1	42
164	Genome scan for loci linked to mite sensitivity: the Collaborative Study on the Genetics of Asthma (CSGA). Genes and Immunity, 2004, 5, 226-231.	2.2	41
165	Childhood Asthma Incidence, Early and Persistent Wheeze, and Neighborhood Socioeconomic Factors in the ECHO/CREW Consortium. JAMA Pediatrics, 2022, 176, 759.	3.3	41
166	Epigenome-wide association study of DNA methylation and adult asthma in the Agricultural Lung Health Study. European Respiratory Journal, 2020, 56, 2000217.	3.1	40
167	Genetic associations with viral respiratory illnesses and asthma control inÂchildren. Clinical and Experimental Allergy, 2016, 46, 112-124.	1.4	39
168	Variation inITGB3Is Associated with Asthma and Sensitization to Mold Allergen in Four Populations. American Journal of Respiratory and Critical Care Medicine, 2005, 172, 67-73.	2.5	38
169	Heritability estimation of sex-specific effects on human quantitative traits. Genetic Epidemiology, 2007, 31, 338-347.	0.6	38
170	Functional variants of the sphingosine-1-phosphate receptor 1 gene associate with asthma susceptibility. Journal of Allergy and Clinical Immunology, 2010, 126, 241-249.e3.	1.5	38
171	IFNG genotype and sex interact to influence the risk of childhood asthma. Journal of Allergy and Clinical Immunology, 2011, 128, 524-531.	1.5	38
172	The maternal HLA-G 1597ÂC 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, 144-152.	1.3	38
173	Increased risk for gestational diabetes mellitus associated with insulin receptor and insulin-like growth factor II restriction fragment length polymorphisms. Genetic Epidemiology, 1989, 6, 559-569.	0.6	37
174	Mapping genes for complex traits in founder populations. Clinical and Experimental Allergy, 1998, 28, 101-105.	1.4	37
175	HLA-DRB1*01 alleles are associated with sensitization to cockroach allergens. Journal of Allergy and Clinical Immunology, 2000, 105, 960-966.	1.5	37
176	Characterization of a Unique Form of Arrhythmic Cardiomyopathy Caused by Recessive Mutation in LEMD2. JACC Basic To Translational Science, 2019, 4, 204-221.	1.9	37
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