Meta-analysis of genome-wide association studies of as American populations

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Citation Report

#	Article	IF	Citations
1	Populationâ€Based Caseâ€Control Association Studies. Current Protocols in Human Genetics, 2007, 52, Unit 1.17.	3.5	6
2	Successfully mapping novel asthma loci by GWAS. Lancet, The, 2011, 378, 967-968.	6.3	3
3	The genetics of asthma and allergic disease: a 21st century perspective. Immunological Reviews, 2011, 242, 10-30.	2.8	537
4	Genome-wide association study identifies PERLD1 as asthma candidate gene. BMC Medical Genetics, 2011, 12, 170.	2.1	22
5	Polymorphism in Osteopontin Gene (SPP1) Is Associated with Asthma and Related Phenotypes in a Puerto Rican Population. Pediatric, Allergy, Immunology, and Pulmonology, 2011, 24, 207-214.	0.3	18
6	Lung eQTLs to Help Reveal the Molecular Underpinnings of Asthma. PLoS Genetics, 2012, 8, e1003029.	1.5	261
7	Genome-Wide Association Analysis in Asthma Subjects Identifies SPATS2L as a Novel Bronchodilator Response Gene. PLoS Genetics, 2012, 8, e1002824.	1.5	107
8	Genome-Wide Joint Meta-Analysis of SNP and SNP-by-Smoking Interaction Identifies Novel Loci for Pulmonary Function. PLoS Genetics, 2012, 8, e1003098.	1.5	130
9	Two single nucleotide polymorphisms in TSLP gene are associated with asthma susceptibility in Chinese Han population. Experimental Lung Research, 2012, 38, 375-382.	0.5	22
10	Mast Cells Respond to Cell Injury through the Recognition of IL-33. Frontiers in Immunology, 2012, 3, 82.	2.2	74
11	Severe Asthma. American Journal of Respiratory and Critical Care Medicine, 2012, 185, 356-362.	2.5	242
12	Extensive evolutionary and functional diversity among mammalian AIM2-like receptors. Journal of Experimental Medicine, 2012, 209, 1969-1983.	4.2	200
13	Epigenetics and childhood asthma: current evidence and future research directions. Epigenomics, 2012, 4, 415-429.	1.0	29
14	Asthma Research for All of the United States. Pediatric, Allergy, Immunology, and Pulmonology, 2012, 25, 128-131.	0.3	3
15	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
16	Health Disparities in Asthma. American Journal of Respiratory and Critical Care Medicine, 2012, 185, 1033-1035.	2.5	111
17	Asthma. Clinics in Chest Medicine, 2012, 33, 473-484.	0.8	7
18	Genetic basis for personalized medicine in asthma. Expert Review of Respiratory Medicine, 2012, 6, 223-236.	1.0	39

#	Article	IF	Citations
19	Gene-environment interactions in asthma and allergic diseases: Challenges and perspectives. Journal of Allergy and Clinical Immunology, 2012, 130, 1229-1240.	1.5	88
20	The multiple facets of thymic stromal lymphopoietin (TSLP) during allergic inflammation and beyond. Journal of Leukocyte Biology, 2012, 91, 877-886.	1.5	76
21	Gut matters: Microbe-host interactions in allergic diseases. Journal of Allergy and Clinical Immunology, 2012, 129, 1452-1459.	1.5	68
22	Asthma: The paradox of heterogeneity. Journal of Allergy and Clinical Immunology, 2012, 129, 1200-1201.	1.5	21
23	The Childhood Asthma Management Program (CAMP): contributions to the understanding of therapy and the natural history of childhood asthma. Current Respiratory Care Reports, 2012, 1, 243-250.	0.6	32
24	The Peru Urban versus Rural Asthma (PURA) Study: methods and baseline quality control data from a cross-sectional investigation into the prevalence, severity, genetics, immunology and environmental factors affecting asthma in adolescence in Peru. BMJ Open, 2012, 2, e000421.	0.8	27
25	Immunologic Therapeutic Interventions in Asthma. Clinics in Chest Medicine, 2012, 33, 585-597.	0.8	6
26	Genetic variation and the risk of asthma: does it drive the differences in asthma prevalence among ethnic groups in North America?. Annals of Allergy, Asthma and Immunology, 2012, 108, 206-207.	0.5	4
28	Clinical Use of Probiotics in Pediatric Allergy (cuppa): A World Allergy Organization Position Paper. World Allergy Organization Journal, 2012, 5, 148-167.	1.6	117
29	Genetic, epigenetic, and environmental factors in asthma and allergy. Annals of Allergy, Asthma and Immunology, 2012, 108, 69-73.	0.5	31
30	<scp>HLA</scp>â€<scp>DQ</scp> strikes again: Genomeâ€wide association study further confirms <scp>HLA</scp>â€<scp>DQ</scp> in the diagnosis of asthma among adults. Clinical and Experimental Allergy, 2012, 42, 1724-1733.	1.4	62
31	Populationâ€Based Caseâ€Control Association Studies. Current Protocols in Human Genetics, 2012, 74, Unit1.17.	3.5	9
32	Asthma and Respiratory Allergic Disease. Molecular and Integrative Toxicology, 2012, , 51-101.	0.5	0
33	Genome-wide association study identifies eight new susceptibility loci for atopic dermatitis in the Japanese population. Nature Genetics, 2012, 44, 1222-1226.	9.4	310
34	Respiratory medicine - genetic base for allergy and asthma. Swiss Medical Weekly, 2012, 142, w13612.	0.8	12
35	IL-1 receptorâ€“associated kinase 3 gene (IRAK3) variants associate with asthma in a replication study in the Spanish population. Journal of Allergy and Clinical Immunology, 2012, 129, 573-575.e10.	1.5	22
36	Antiviral IFN-Î³ responses of monocytes at birth predict respiratory tract illness in the first year of life. Journal of Allergy and Clinical Immunology, 2012, 129, 1267-1273.e1.	1.5	37
37	Case-control admixture mapping in Latino populations enriches for known asthma-associated genes. Journal of Allergy and Clinical Immunology, 2012, 130, 76-82.e12.	1.5	53

#	Article	IF	Citations
38	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
39	Genome-wide prediction of childhood asthma and related phenotypes in a longitudinal birth cohort. Journal of Allergy and Clinical Immunology, 2012, 130, 503-509.e7.	1.5	50
40	Thymic stromal lymphopoietin and allergic disease. Journal of Allergy and Clinical Immunology, 2012, 130, 845-852.	1.5	192
41	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, 1294-1301.	1.5	30
42	Genetic ancestry and its association with asthma exacerbations among African American subjects with asthma. Journal of Allergy and Clinical Immunology, 2012, 130, 1302-1306.	1.5	53
43	Genetics of Asthma Susceptibility and Severity. Clinics in Chest Medicine, 2012, 33, 431-443.	0.8	25
44	Immunotoxicity, Immune Dysfunction, and Chronic Disease. Molecular and Integrative Toxicology, 2012, , .	0.5	4
45	TSLP: a key regulator of asthma pathogenesis. Drug Discovery Today Disease Mechanisms, 2012, 9, e83-e88.	0.8	53
46	African Ancestry Is Associated with Asthma Risk in African Americans. PLoS ONE, 2012, 7, e26807.	1.1	60
47	Assessment of Genotype Imputation Performance Using 1000 Genomes in African American Studies. PLoS ONE, 2012, 7, e50610.	1.1	50
48	The Role ofCFTRMutations in Asthma. Canadian Respiratory Journal, 2012, 19, 44-45.	0.8	9
49	Vitamin D and Allergic Disease: Sunlight at the End of the Tunnel?. Nutrients, 2012, 4, 13-28.	1.7	36
50	Antioxidant Strategies in the Treatment of Bronchial Asthma. , 2012, , .		0
51	Asthma as a chronic disease of the innate and adaptive immune systems responding to viruses and allergens. Journal of Clinical Investigation, 2012, 122, 2741-2748.	3.9	134
52	Functions of thymic stromal lymphopoietin in immunity and disease. Immunologic Research, 2012, 52, 211-223.	1.3	85
53	Genome-wide association study to identify genetic determinants of severe asthma. Thorax, 2012, 67, 762-768.	2.7	169
54	Power Comparison of Admixture Mapping and Direct Association Analysis in Genomeâ€Wide Association Studies. Genetic Epidemiology, 2012, 36, 235-243.	0.6	23
55	Resequencing Candidate Genes Implicates Rare Variants in Asthma Susceptibility. American Journal of Human Genetics, 2012, 90, 273-281.	2.6	65

#	Article	IF	Citations
57	Dynamic role of epithelium-derived cytokines in asthma. Clinical Immunology, 2012, 143, 222-235.	1.4	127
58	Pathophysiology of asthma: lessons from genetic research with particular focus on severe asthma. Journal of Internal Medicine, 2012, 272, 108-120.	2.7	24
59	Genome-Wide Association Studies and Prediction of Normal Tissue Toxicity. Seminars in Radiation Oncology, 2012, 22, 91-99.	1.0	23
60	The investigation of severe asthma to define phenotypes. Clinical and Experimental Allergy, 2012, 42, 678-692.	1.4	31
61	Pathogenesis of severe asthma. Clinical and Experimental Allergy, 2012, 42, 625-637.	1.4	86
62	Fetal and infant origins of asthma. European Journal of Epidemiology, 2012, 27, 5-14.	2.5	141
63	Investigating highly replicated asthma genes as candidate genes for allergic rhinitis. BMC Medical Genetics, 2013, 14, 51.	2.1	19
64	Replication and fine mapping of asthma-associated loci in individuals of African ancestry. Human Genetics, 2013, 132, 1039-1047.	1.8	12
65	Type 2 Innate Lymphocytes in Allergic Airway Inflammation. Current Allergy and Asthma Reports, 2013, 13, 271-280.	2.4	39
66	Rank-based genome-wide analysis reveals the association of Ryanodine receptor-2 gene variants with childhood asthma among human populations. Human Genomics, 2013, 7, 16.	1.4	46
67	The Biology of Thymic Stromal Lymphopoietin (TSLP). Advances in Pharmacology, 2013, 66, 129-155.	1.2	238
68	Genome-wide association study identifies TH1 pathway genes associated with lung function in asthmatic patients. Journal of Allergy and Clinical Immunology, 2013, 132, 313-320.e15.	1.5	98
69	Asthma. Lancet, The, 2013, 382, 1360-1372.	6.3	440
70	Impaired Sphingolipid Synthesis in the Respiratory Tract Induces Airway Hyperreactivity. Science Translational Medicine, 2013, 5, 186ra67.	5.8	98
71	Association between ADAM33 S2 and ST+4 polymorphisms and susceptibility to asthma: A meta-analysis. Gene, 2013, 524, 72-78.	1.0	15
72	Clinical and Epidemiologic Phenotypes of Childhood Asthma. American Journal of Respiratory and Critical Care Medicine, 2014, 189, 129-138.	2.5	159
73	ITGB5 and AGFG1 variants are associated with severity of airway responsiveness. BMC Medical Genetics, 2013, 14, 86.	2.1	15
74	The Th17 Pathway and Inflammatory Diseases of the Intestines, Lungs, and Skin. Annual Review of Pathology: Mechanisms of Disease, 2013, 8, 477-512.	9.6	384

#	Article	IF	Citations
75	Decoding asthma: Translating genetic variation in IL33 and IL1RL1 into disease pathophysiology. Journal of Allergy and Clinical Immunology, 2013, 131, 856-865.e9.	1.5	171
76	Implications for Interleukin-33 in solid organ transplantation. Cytokine, 2013, 62, 183-194.	1.4	28
78	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
79	Personalised Medicine and Asthma Diagnostics/Management. Current Allergy and Asthma Reports, 2013, 13, 118-129.	2.4	17
80	Variants in the 17q21 asthma susceptibility locus are associated with allergic rhinitis in the <scp>J</scp>apanese population. Allergy: European Journal of Allergy and Clinical Immunology, 2013, 68, 92-100.	2.7	40
81	Integrative genetic and metabolite profiling analysis suggests altered phosphatidylcholine metabolism in asthma. Allergy: European Journal of Allergy and Clinical Immunology, 2013, 68, 629-636.	2.7	70
82	Sex- and age-dependent DNA methylation at the 17q12-q21 locus associated with childhood asthma. Human Genetics, 2013, 132, 811-822.	1.8	59
83	High-density genotyping study identifies four new susceptibility loci for atopic dermatitis. Nature Genetics, 2013, 45, 808-812.	9.4	167
84	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
85	Body mass index, asthma, and genetic variation. Clinical and Experimental Allergy, 2013, 43, 383-384.	1.4	1
86	A genome-wide association meta-analysis of self-reported allergy identifies shared and allergy-specific susceptibility loci. Nature Genetics, 2013, 45, 907-911.	9.4	232
87	Mechanisms underlying helper T-cell plasticity: Implications for immune-mediated disease. Journal of Allergy and Clinical Immunology, 2013, 131, 1276-1287.	1.5	138
88	Genetic variations of theFCER2gene and asthma susceptibility in north Indian children: a case-control study. Biomarkers, 2013, 18, 660-667.	0.9	4
89	IL-1 Family Cytokines Drive Th2 and Th17 Cells to Innocuous Airborne Antigens. American Journal of Respiratory Cell and Molecular Biology, 2013, 49, 989-998.	1.4	30
90	Role of interactions in pharmacogenetic studies: leukotrienes in asthma. Pharmacogenomics, 2013, 14, 923-929.	0.6	4
91	Genome-wide association studies in asthma. Current Opinion in Allergy and Clinical Immunology, 2013, 13, 112-118.	1.1	39
92	Allergic rhinitis, chronic rhinosinusitis and asthma. Current Opinion in Otolaryngology and Head and Neck Surgery, 2013, 21, 79-86.	0.8	60
94	Genetics of onset of asthma. Current Opinion in Allergy and Clinical Immunology, 2013, 13, 193-202.	1.1	40

#	Article	IF	Citations
95	Genome-wide expression quantitative trait loci analysis in asthma. Current Opinion in Allergy and Clinical Immunology, 2013, 13, 487-494.	1.1	19
96	Genome-wide association studies in asthma; perhaps, the end of the beginning. Current Opinion in Allergy and Clinical Immunology, 2013, 13, 463-469.	1.1	34
97	Genome-Wide Association Studies of Allergic Diseases. Allergology International, 2013, 62, 21-28.	1.4	78
98	A genome-wide association study of atopic dermatitis identifies loci with overlapping effects on asthma and psoriasis. Human Molecular Genetics, 2013, 22, 4841-4856.	1.4	202
99	Mast Cells and IgE: From History to Today. Allergology International, 2013, 62, 3-12.	1.4	30
100	New Kids on the Block. Chest, 2013, 144, 1681-1686.	0.4	29
101	Comparing methods for performing trans-ethnic meta-analysis of genome-wide association studies. Human Molecular Genetics, 2013, 22, 2303-2311.	1.4	63
102	Novel Susceptibility Variants at 10p12.31-12.2 for Childhood Acute Lymphoblastic Leukemia in Ethnically Diverse Populations. Journal of the National Cancer Institute, 2013, 105, 733-742.	3.0	208
103	Environmental and genetic contribution in airway epithelial barrier in asthma pathogenesis. Current Opinion in Allergy and Clinical Immunology, 2013, 13, 495-499.	1.1	14
104	Mothers, places and risk of hospitalization for childhood asthma: a nationwide study from Sweden. Clinical and Experimental Allergy, 2013, 43, 652-658.	1.4	10
105	Finding Novel Genes by Testing GÂÃ—ÂE Interactions in a Genomeâ€Wide Association Study. Genetic Epidemiology, 2013, 37, 603-613.	0.6	100
106	Group 2 innate lymphoid cells in lung inflammation. Immunology, 2013, 140, 281-287.	2.0	48
107	Copy number variation prevalence in known asthma genes and their impact on asthma susceptibility. Clinical and Experimental Allergy, 2013, 43, 455-462.	1.4	25
108	MicroRNA-375 Regulation of Thymic Stromal Lymphopoietin by Diesel Exhaust Particles and Ambient Particulate Matter in Human Bronchial Epithelial Cells. Journal of Immunology, 2013, 190, 3757-3763.	0.4	92
109	Biomedical research, a tool to address the health issues that affect African populations. Globalization and Health, 2013, 9, 50.	2.4	14
110	Reaching Beyond Disparity: Safely Improving Asthma Control in the At-Risk African-American Population. Journal of the National Medical Association, 2013, 105, 138-149.	0.6	9
111	Polygenic heritability estimates in pharmacogenetics. Pharmacogenetics and Genomics, 2013, 23, 324-328.	0.7	45
112	A Distinct Sensitization Pattern Associated with Asthma and the Thymic Stromal Lymphopoietin (TSLP) Genotype. Allergology International, 2013, 62, 123-130.	1.4	13

#	Article	IF	Citations
114	Long-term IL-33â€“producing epithelial progenitor cells in chronic obstructive lung disease. Journal of Clinical Investigation, 2013, 123, 3967-3982.	3.9	269
115	Genetic polymorphisms and associated susceptibility to asthma. International Journal of General Medicine, 2013, 6, 253.	0.8	50
116	Predicting Cell Types and Genetic Variations Contributing to Disease by Combining GWAS and Epigenetic Data. PLoS ONE, 2013, 8, e54359.	1.1	35
117	Integration of Mouse and Human Genome-Wide Association Data Identifies KCNIP4 as an Asthma Gene. PLoS ONE, 2013, 8, e56179.	1.1	28
118	Interaction between Retinoid Acid Receptor-Related Orphan Receptor Alpha (RORA) and Neuropeptide S Receptor 1 (NPSR1) in Asthma. PLoS ONE, 2013, 8, e60111.	1.1	28
119	The Correlation Analysis of Two Common Polymorphisms in STAT6 Gene and the Risk of Asthma: A Meta-Analysis. PLoS ONE, 2013, 8, e67657.	1.1	6
120	Assessing the Validity of Asthma Associations for Eight Candidate Genes and Age at Diagnosis Effects. PLoS ONE, 2013, 8, e73157.	1.1	13
121	Central Role of Cellular Senescence in TSLP-Induced Airway Remodeling in Asthma. PLoS ONE, 2013, 8, e77795.	1.1	55
122	Genome-Wide Association Study for Levels of Total Serum IgE Identifies HLA-C in a Japanese Population. PLoS ONE, 2013, 8, e80941.	1.1	40
124	Association between Tumor Necrosis Factor-Î± rs1800629 Polymorphism and Risk of Asthma: A Meta-Analysis. PLoS ONE, 2014, 9, e99962.	1.1	16
125	Whole-Genome Sequencing of Individuals from a Founder Population Identifies Candidate Genes for Asthma. PLoS ONE, 2014, 9, e104396.	1.1	42
126	Asthma: NHLBI Workshop on the Primary Prevention of Chronic Lung Diseases. Annals of the American Thoracic Society, 2014, 11, S139-S145.	1.5	46
127	Integrative Genetic Analysis of Allergic Inflammation in the Murine Lung. American Journal of Respiratory Cell and Molecular Biology, 2014, 51, 436-445.	1.4	37
128	The Wuhan-Zhuhai (WHZH) cohort study of environmental air particulate matter and the pathogenesis of cardiopulmonary diseases: study design, methods and baseline characteristics of the cohort. BMC Public Health, 2014, 14, 994.	1.2	98
129	The importance of TSLP in allergic disease and its role as a potential therapeutic target. Expert Review of Clinical Immunology, 2014, 10, 1463-1474.	1.3	151
130	Early origins of chronic obstructive lung diseases across the life course. European Journal of Epidemiology, 2014, 29, 871-885.	2.5	102
131	Thymic Stromal Lymphopoietin (TSLP). , 2014, , 301-323.		1
132	Antioxidant Defense Enzyme Genes and Asthma Susceptibility: Gender-Specific Effects and Heterogeneity in Gene-Gene Interactions between Pathogenetic Variants of the Disease. BioMed Research International, 2014, 2014, 1-17.	0.9	18

#	Article	IF	Citations
133	Phenome-wide association study (PheWAS) in EMR-linked pediatric cohorts, genetically links PLCL1 to speech language development and IL5-IL13 to Eosinophilic Esophagitis. Frontiers in Genetics, 2014, 5, 401.	1.1	70
134	Gene-based association identifies SPATA13-AS1 as a pharmacogenomic predictor of inhaled short-acting beta-agonist response in multiple population groups. Pharmacogenomics Journal, 2014, 14, 365-371.	0.9	37
135	Asthma genetics 2014: reaching for highâ€hanging fruit. Clinical and Experimental Allergy, 2014, 44, 1296-1298.	1.4	0
136	Damageâ€associated molecular patterns stimulate interleukinâ€33 expression in nasal polyp epithelial cells. International Forum of Allergy and Rhinology, 2014, 4, 15-21.	1.5	45
137	Genetic heterogeneity of asthma phenotypes identified by a clustering approach. European Respiratory Journal, 2014, 43, 439-452.	3.1	57
138	Genome-wide interaction studies reveal sex-specific asthma risk alleles. Human Molecular Genetics, 2014, 23, 5251-5259.	1.4	70
139	Trans-ethnic genome-wide association studies: advantages and challenges of mapping in diverse populations. Genome Medicine, 2014, 6, 91.	3.6	167
140	The clinical and genetic features of COPD-asthma overlap syndrome. European Respiratory Journal, 2014, 44, 341-350.	3.1	249
141	Th17 Cells Demonstrate Stable Cytokine Production in a Proallergic Environment. Journal of Immunology, 2014, 193, 2631-2640.	0.4	14
142	Genetic and biochemical mechanisms of involvement of antioxidant defense enzymes in the development of bronchial asthma: A review. Biochemistry (Moscow) Supplement Series B: Biomedical Chemistry, 2014, 8, 273-285.	0.2	1
143	Genetic variant in IL33 is associated with susceptibility to rheumatoid arthritis. Arthritis Research and Therapy, 2014, 16, R105.	1.6	49
144	Implications of population structure and ancestry on asthma genetic studies. Current Opinion in Allergy and Clinical Immunology, 2014, 14, 381-389.	1.1	11
145	Innate lymphoid cells in asthma. Current Opinion in Allergy and Clinical Immunology, 2014, 14, 29-34.	1.1	24
146	Early-life viral infections and the development of asthma. Current Opinion in Allergy and Clinical Immunology, 2014, 14, 131-136.	1.1	35
147	Asthma in Hispanics. An 8-Year Update. American Journal of Respiratory and Critical Care Medicine, 2014, 189, 1316-1327.	2.5	121
148	Childhood asthma: causes, risks, and protective factors; a role of innate immunity. Swiss Medical Weekly, 2014, 144, w14036.	0.8	54
149	Introduction to Genetics and Genomics in Asthma: Genetics of Asthma. Advances in Experimental Medicine and Biology, 2014, 795, 125-155.	0.8	30
150	Evidence of Heterogeneity by Race/Ethnicity in Genetic Determinants of QT Interval. Epidemiology, 2014, 25, 790-798.	1.2	22

#	Article	IF	Citations
151	Childhood asthma. Current Opinion in Pulmonary Medicine, 2014, 20, 8-16.	1.2	13
152	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.	1.5	33
153	Increased density of intraepithelial mast cells in patients with exercise-induced bronchoconstriction regulated through epithelially derived thymic stromal lymphopoietin and IL-33. Journal of Allergy and Clinical Immunology, 2014, 133, 1448-1455.	1.5	52
154	Revisiting fatal asthma. Annals of Allergy, Asthma and Immunology, 2014, 112, 4-5.	0.5	4
155	Structural basis of the proinflammatory signaling complex mediated by TSLP. Nature Structural and Molecular Biology, 2014, 21, 375-382.	3.6	45
156	Neighborhood, family, and childhood and adolescent epilepsy: A nationwide epidemiological study from Sweden. Seizure: the Journal of the British Epilepsy Association, 2014, 23, 62-68.	0.9	6
157	On individual genome-wide association studies and their meta-analysis. Human Genetics, 2014, 133, 265-279.	1.8	30
158	Dissecting childhood asthma with nasal transcriptomics distinguishes subphenotypes of disease. Journal of Allergy and Clinical Immunology, 2014, 133, 670-678.e12.	1.5	204
159	Airway epithelial barrier function regulates the pathogenesis of allergic asthma. Clinical and Experimental Allergy, 2014, 44, 620-630.	1.4	92
160	A genome-wide association study identifies CDHR3 as a susceptibility locus for early childhood asthma with severe exacerbations. Nature Genetics, 2014, 46, 51-55.	9.4	497
161	The Genetic Variants of Thymic Stromal Lymphopoietin Protein in Children with Asthma and Allergic Rhinitis. International Archives of Allergy and Immunology, 2014, 163, 185-192.	0.9	26
162	Association of IL33â€“IL-1 receptorâ€“like 1 (IL1RL1) pathway polymorphisms with wheezing phenotypes and asthma in childhood. Journal of Allergy and Clinical Immunology, 2014, 134, 170-177.	1.5	162
163	Effects of antioxidant supplements and nutrients on patients with asthma and allergies. Journal of Allergy and Clinical Immunology, 2014, 133, 1237-1244.	1.5	102
164	Epistasis between serine protease inhibitor Kazal-type 5 (SPINK5) and thymic stromal lymphopoietin (TSLP) genes contributes to childhood asthma. Journal of Allergy and Clinical Immunology, 2014, 134, 891-899.e3.	1.5	37
165	Cytokine Frontiers. , 2014, , .		25
166	International ERS/ATS guidelines on definition, evaluation and treatment of severe asthma. European Respiratory Journal, 2014, 43, 343-373.	3.1	2,898
167	Genome-wide association analysis identifies 11 risk variants associated with the asthma with hay fever phenotype. Journal of Allergy and Clinical Immunology, 2014, 133, 1564-1571.	1.5	195
168	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

#	Article	IF	Citations
169	Genomeâ€wide association studies of atopic dermatitis. Journal of Dermatology, 2014, 41, 213-220.	0.6	76
170	GWAS identifies four novel eosinophilic esophagitis loci. Nature Communications, 2014, 5, 5593.	5.8	181
171	Genetic variation of TBX21 gene increases risk of asthma and its severity in Indian children. Journal of Human Genetics, 2014, 59, 437-443.	1.1	8
172	A thymic stromal lymphopoietinâ€“responsive dendritic cell subset mediates allergic responses in the upper airway mucosa. Journal of Allergy and Clinical Immunology, 2014, 134, 613-621.e7.	1.5	57
173	Immune mechanisms and development of childhood asthma. Lancet Respiratory Medicine,the, 2014, 2, 647-656.	5.2	50
174	Defining the Roles of IL-33, Thymic Stromal Lymphopoietin, and IL-25 in Human Asthma. American Journal of Respiratory and Critical Care Medicine, 2014, 190, 715-716.	2.5	13
175	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
176	The role of airway epithelial cells and innate immune cells in chronic respiratory disease. Nature Reviews Immunology, 2014, 14, 686-698.	10.6	193
177	IL-33: an alarmin cytokine with crucial roles in innate immunity, inflammation and allergy. Current Opinion in Immunology, 2014, 31, 31-37.	2.4	560
178	Thymic stromal lymphopoietin: a central regulator of allergic asthma. Expert Opinion on Therapeutic Targets, 2014, 18, 771-785.	1.5	49
179	The cell biology of asthma. Journal of Cell Biology, 2014, 205, 621-631.	2.3	223
180	Molecular Biology of Atopic Dermatitis. Clinical Reviews in Allergy and Immunology, 2014, 47, 193-218.	2.9	76
181	Heterogeneity in Asthma. Advances in Experimental Medicine and Biology, 2014, , .	0.8	1
182	The emerging role of human PYHIN proteins in innate immunity: Implications for health and disease. Biochemical Pharmacology, 2014, 92, 405-414.	2.0	71
183	Stress and asthma: Novel insights on genetic, epigenetic, and immunologic mechanisms. Journal of Allergy and Clinical Immunology, 2014, 134, 1009-1015.	1.5	146
184	Genome-wide association study and admixture mapping identify different asthma-associated loci in Latinos: The Genes-environments & Admixture in Latino Americans study. Journal of Allergy and Clinical Immunology, 2014, 134, 295-305.	1.5	106
185	The genetics of Mexico recapitulates Native American substructure and affects biomedical traits. Science, 2014, 344, 1280-1285.	6.0	420
186	17q21 locus and ORMDL3: an increased risk for childhood asthma. Pediatric Research, 2014, 75, 165-170.	1.1	51

#	Article	IF	Citations
187	Asthma genetics and personalised medicine. Lancet Respiratory Medicine,the, 2014, 2, 405-415.	5.2	91
188	Association of MUC19 gene polymorphic variants with asthma in Russians based on genome-wide study results. Russian Journal of Genetics, 2015, 51, 1135-1143.	0.2	4
189	Methylomic markers of persistent childhood asthma: a longitudinal study of asthma-discordant monozygotic twins. Clinical Epigenetics, 2015, 7, 130.	1.8	38
190	Rhinoviral stimuli, epithelial factors and ATP signalling contribute to bronchial smooth muscle production of IL-33. Journal of Translational Medicine, 2015, 13, 281.	1.8	20
191	Genetics of Asthma. Journal of General and Family Medicine, 2015, 16, 252-259.	0.3	1
192	Polymorphisms of <scp>RAD50</scp>, <scp>IL33</scp> and <scp>IL1RL1</scp> are associated with atopic asthma in Chinese population. Tissue Antigens, 2015, 86, 443-447.	1.0	17
193	Interleukinâ€33 exacerbates allergic bronchoconstriction in the mice via activation of mast cells. Allergy: European Journal of Allergy and Clinical Immunology, 2015, 70, 514-521.	2.7	51
194	<scp>eQTL</scp> of bronchial epithelial cells and bronchial alveolar lavage deciphers <scp>GWAS</scp>â€identified asthma genes. Allergy: European Journal of Allergy and Clinical Immunology, 2015, 70, 1309-1318.	2.7	82
195	iGWAS: Integrative Genomeâ€Wide Association Studies of Genetic and Genomic Data for Disease Susceptibility Using Mediation Analysis. Genetic Epidemiology, 2015, 39, 347-356.	0.6	45
196	Single Nucleotide Polymorphisms in Thymic Stromal Lymphopoietin Gene are not Associated with Aspirin-Exacerbated Respiratory Disease Susceptibility - A Pilot Study in a Japanese Population. Journal of Allergy & Therapy, 2015, 06, .	0.1	3
197	Hypothetical Mechanism of Aspirin-Exacerbated Respiratory Disease Based on Recent Investigations of Gene Polymorphisms in Japanese Patients. Journal of Allergy & Therapy, 2015, 07, .	0.1	0
198	Asthma Metabolomics: The Missing Step for Translating Bench Work into the Clinic. Journal of Pulmonary & Respiratory Medicine, 2015, 05, .	0.1	0
199	Genetic Aspects of Respiratory Allergy. , 0, , .		0
200	Mapping asthma-associated variants in admixed populations. Frontiers in Genetics, 2015, 6, 292.	1.1	31
201	Novel Genetic Locus Implicated for HIV-1 Acquisition with Putative Regulatory Links to HIV Replication and Infectivity: A Genome-Wide Association Study. PLoS ONE, 2015, 10, e0118149.	1.1	23
202	Exome Analysis of Patients with Concurrent Pediatric Inflammatory Bowel Disease and Autoimmune Disease. Inflammatory Bowel Diseases, 2015, 21, 1.	0.9	18
203	Expression Quantitative Trait Loci Information Improves Predictive Modeling of Disease Relevance of Non-Coding Genetic Variation. PLoS ONE, 2015, 10, e0140758.	1.1	17
204	Interleukin-33 and its Receptor in Pulmonary Inflammatory Diseases. Critical Reviews in Immunology, 2015, 35, 451-461.	1.0	27

#	Article	IF	Citations
205	Racial and Ethnic Disparities in Research Studies: The Challenge of Creating More Diverse Cohorts. Environmental Health Perspectives, 2015, 123, A297-302.	2.8	89
206	Discovering susceptibility genes for allergic rhinitis and allergy using a genome-wide association study strategy. Current Opinion in Allergy and Clinical Immunology, 2015, 15, 33-40.	1.1	45
207	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
208	Genome-wide association studies in asthma: progress and pitfalls. Advances in Genomics and Genetics, 2015, , 107.	0.8	2
209	Prevalence of gene polymorphisms associated with immune disorders in populations of Northern Eurasia. Molecular Biology, 2015, 49, 881-889.	0.4	2
210	Fine mapping of the myosin light chain kinase (MYLK) gene replicates the association with asthma in populations of Spanish descent. Journal of Allergy and Clinical Immunology, 2015, 136, 1116-1118.e9.	1.5	8
211	Genetic ancestry influences asthma susceptibility and lung function among Latinos. Journal of Allergy and Clinical Immunology, 2015, 135, 228-235.	1.5	113
212	Phenotypic and genotypic association of epithelial IL1RL1Âto human TH2-like asthma. Journal of Allergy and Clinical Immunology, 2015, 135, 92-99.e10.	1.5	57
213	Genetic variants of inducible costimulator are associated with allergic asthma susceptibility. Journal of Allergy and Clinical Immunology, 2015, 135, 556-558.e13.	1.5	4
214	The Interleukin-33-p38 Kinase Axis Confers Memory T Helper 2 Cell Pathogenicity in the Airway. Immunity, 2015, 42, 294-308.	6.6	199
215	Thymic stromal lymphopoietin (TSLP) secretion from human nasal epithelium is a function of TSLP genotype. Mucosal Immunology, 2015, 8, 993-999.	2.7	31
216	Can probiotics be used to treat allergic diseases?. Journal of the Chinese Medical Association, 2015, 78, 154-157.	0.6	27
217	A disease module in the interactome explains disease heterogeneity, drug response and captures novel pathways and genes in asthma. Human Molecular Genetics, 2015, 24, 3005-3020.	1.4	162
218	Genome-wide association study identifies peanut allergy-specific loci and evidence of epigenetic mediation in US children. Nature Communications, 2015, 6, 6304.	5.8	192
219	Potential effector and immunoregulatory functions of mast cells in mucosal immunity. Mucosal Immunology, 2015, 8, 444-463.	2.7	112
220	Association Between TSLP Polymorphisms and Eczema in Japanese Women: the Kyushu Okinawa Maternal and Child Health Study. Inflammation, 2015, 38, 1663-1668.	1.7	12
221	Genetic variation in HTR4 and lung function: GWAS followâ€up in mouse. FASEB Journal, 2015, 29, 323-335.	0.2	16
222	Interleukin-33 in Tissue Homeostasis, Injury, and Inflammation. Immunity, 2015, 42, 1005-1019.	6.6	492

#	Article	IF	Citations
223	An allergist's perspective to the evaluation of Eosinophilic Esophagitis. Bailliere's Best Practice and Research in Clinical Gastroenterology, 2015, 29, 771-781.	1.0	28
224	Asthma in Latin America. Thorax, 2015, 70, 898-905.	2.7	68
225	The role of antioxidants in the chemistry of oxidative stress: A review. European Journal of Medicinal Chemistry, 2015, 97, 55-74.	2.6	1,771
226	Contributing factors to the development of childhood asthma: working toward risk minimization. Expert Review of Clinical Immunology, 2015, 11, 721-735.	1.3	7
227	Thymic stromal lymphopoietin signaling in CD4+ T cells is required for TH2 memory. Journal of Allergy and Clinical Immunology, 2015, 135, 781-791.e3.	1.5	62
228	Transcriptome analysis of controlled and therapy-resistant childhood asthma reveals distinct gene expression profiles. Journal of Allergy and Clinical Immunology, 2015, 136, 638-648.	1.5	59
229	Association between adverse childhood experiences in the home and pediatric asthma. Annals of Allergy, Asthma and Immunology, 2015, 114, 379-384.	0.5	81
230	Group 2 innate lymphoid cells and asthma. Allergology International, 2015, 64, 227-234.	1.4	71
231	Genetics of allergy and allergic sensitization: common variants, rare mutations. Current Opinion in Immunology, 2015, 36, 115-126.	2.4	56
232	Genes associated with RSV lower respiratory tract infection and asthma: the application of genetic epidemiological methods to understand causality. Future Virology, 2015, 10, 883-897.	0.9	32
233	Genome-Wide Association Studies in Africans and African Americans: Expanding the Framework of the Genomics of Human Traits and Disease. Public Health Genomics, 2015, 18, 40-51.	0.6	73
234	Ethnic-specific associations of rare and low-frequency DNA sequence variants with asthma. Nature Communications, 2015, 6, 5965.	5.8	66
235	Lâ€™interleukine-33Â: une cible thÃ©rapeutique potentielle de la nÃ©o-angiogenÃ¨se associÃ©e Ã lâ€™asthme. Revue Francaise D'allergologie, 2015, 55, 372-378.	0.1	0
236	A Generalized Sequential Bonferroni Procedure for GWAS in Admixed Populations Incorporating Admixture Mapping Information into Association Tests. Human Heredity, 2015, 79, 80-92.	0.4	9
237	Genetic and epigenetic studies of FOXP3 in asthma and allergy. Asthma Research and Practice, 2015, 1, 10.	1.2	23
238	Should lung biopsies be performed in patients with severe asthma?. European Respiratory Review, 2015, 24, 525-539.	3.0	19
239	Systems biology of asthma and allergic diseases: AÂmultiscale approach. Journal of Allergy and Clinical Immunology, 2015, 135, 31-42.	1.5	121
240	Genome-wide association studies (GWAS) and their importance in asthma. Allergologia Et Immunopathologia, 2015, 43, 601-608.	1.0	17

#	Article	IF	Citations
241	Asthma. Immunology and Allergy Clinics of North America, 2015, 35, 115-127.	0.7	24
242	Genetics of Allergic Diseases. Immunology and Allergy Clinics of North America, 2015, 35, 19-44.	0.7	55
243	Pathobiology of Severe Asthma. Annual Review of Pathology: Mechanisms of Disease, 2015, 10, 511-545.	9.6	100
244	The messenger between worlds: the regulation of innate and adaptive typeâ€2 immunity by innate lymphoid cells. Clinical and Experimental Allergy, 2015, 45, 9-20.	1.4	20
245	Genetic risk factors for the development of allergic disease identified by genomeâ€wide association. Clinical and Experimental Allergy, 2015, 45, 21-31.	1.4	158
246	Dusp5 negatively regulates <scp>IL</scp> â€33â€mediated eosinophil survival and function. EMBO Journal, 2015, 34, 218-235.	3.5	45
247	Emerging molecular phenotypes of asthma. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 308, L130-L140.	1.3	116
248	The role of the IL-33/IL-1RL1 axis in mast cell and basophil activation in allergic disorders. Molecular Immunology, 2015, 63, 80-85.	1.0	103
249	Increasing Prevalence of Chronic Lung Disease in Veterans of the Wars in Iraq and Afghanistan. Military Medicine, 2016, 181, 476-481.	0.4	33
250	Prenatal Air Pollution Exposures, DNA Methyl Transferase Genotypes, and Associations with Newborn LINE1 and Alu Methylation and Childhood Blood Pressure and Carotid Intima-Media Thickness in the Childrenâ€™s Health Study. Environmental Health Perspectives, 2016, 124, 1905-1912.	2.8	83
251	DNA methylation in lung cells is associated with asthma endotypes and genetic risk. JCI Insight, 2016, 1, e90151.	2.3	133
252	IL1RL1 asthma risk variants regulate airway type 2 inflammation. JCI Insight, 2016, 1, e87871.	2.3	42
253	Genetics of Allergic Asthma and Current Perspectives on Therapeutic Management. , 0, , .		2
254	The interleukinâ€33 receptor <scp>ST</scp>2 is important for the development of peripheral airway hyperresponsiveness and inflammation in a house dust mite mouse model of asthma. Clinical and Experimental Allergy, 2016, 46, 479-490.	1.4	63
255	ADRB2 polymorphisms in allergic asthma in Han Chinese children. International Forum of Allergy and Rhinology, 2016, 6, 367-372.	1.5	9
256	KAT2Bpolymorphism identified for drug abuse in African Americans with regulatory links to drug abuse pathways in human prefrontal cortex. Addiction Biology, 2016, 21, 1217-1232.	1.4	18
257	Genetic effects of multiple asthma loci identified by genomewide association studies on asthma and spirometric indices. Pediatric Allergy and Immunology, 2016, 27, 185-194.	1.1	13
258	Heritability and confirmation of genetic association studies for childhood asthma in twins. Allergy: European Journal of Allergy and Clinical Immunology, 2016, 71, 230-238.	2.7	75

#	Article	IF	Citations
259	Local genotype influences DNA methylation at two asthma-associated regions, 5q31 and 17q21, in a founder effect population. Journal of Medical Genetics, 2016, 53, 232-241.	1.5	17
260	Alternate-locus aware variant calling in whole genome sequencing. Genome Medicine, 2016, 8, 130.	3.6	16
261	Perinatal Activation of the Interleukin-33 Pathway Promotes Type 2 Immunity in the Developing Lung. Immunity, 2016, 45, 1285-1298.	6.6	271
262	Genome-wide association study in Spanish identifies ADAM metallopeptidase with thrombospondin type 1 motif, 9 (ADAMTS9), as a novel asthma susceptibility gene. Journal of Allergy and Clinical Immunology, 2016, 137, 964-966.	1.5	15
263	Integrated analyses of gene expression and genetic association studies in a founder population. Human Molecular Genetics, 2016, 25, 2104-2112.	1.4	18
264	Asthma susceptibility variants are more strongly associated with clinically similar subgroups. Journal of Asthma, 2016, 53, 907-913.	0.9	8
265	The genetic and epigenetic landscapes of the epithelium in asthma. Respiratory Research, 2016, 17, 119.	1.4	72
266	Regulation of IL-4 Expression in Immunity and Diseases. Advances in Experimental Medicine and Biology, 2016, 941, 31-77.	0.8	67
267	Interleukin-33 in health and disease. Nature Reviews Immunology, 2016, 16, 676-689.	10.6	794
268	Combining genomewide association study and lung <scp>eQTL</scp> analysis provides evidence for novel genes associated with asthma. Allergy: European Journal of Allergy and Clinical Immunology, 2016, 71, 1712-1720.	2.7	47
269	What Ancestry Can Tell Us About the Genetic Origins of Inter-Ethnic Differences in Asthma Expression. Current Allergy and Asthma Reports, 2016, 16, 53.	2.4	21
270	17q21 asthma-risk variants switch CTCF binding and regulate IL-2 production by T cells. Nature Communications, 2016, 7, 13426.	5.8	105
273	A Player and Coordinator: The Versatile Roles of Eosinophils in the Immune System. Transfusion Medicine and Hemotherapy, 2016, 43, 96-108.	0.7	68
274	Expression of asthma susceptibility genes in bronchial epithelial cells and bronchial alveolar lavage in the Severe Asthma Research Program (SARP) cohort. Journal of Asthma, 2016, 53, 775-782.	0.9	23
275	Explaining the disease phenotype of intergenic SNP through predicted long range regulation. Nucleic Acids Research, 2016, 44, 8641-8654.	6.5	40
276	Soluble ST2 suppresses the effect of interleukin-33 on lung type 2 innate lymphoid cells. Biochemistry and Biophysics Reports, 2016, 5, 401-407.	0.7	17
277	Resolving the etiology of atopic disorders by using genetic analysis of racial ancestry. Journal of Allergy and Clinical Immunology, 2016, 138, 676-699.	1.5	48
278	Novel genetic risk factors for asthma in African American children: Precision Medicine and the SAGE II Study. Immunogenetics, 2016, 68, 391-400.	1.2	61

#	Article	IF	Citations
279	Applications of Molecular Genetics to the Study of Asthma. Methods in Molecular Biology, 2016, 1434, 1-13.	0.4	1
280	Genetic Variants of Thymic Stromal Lymphopoietin in Nonsteroidal Anti-Inflammatory Drug-Induced Urticaria/Angioedema. International Archives of Allergy and Immunology, 2016, 169, 249-255.	0.9	7
281	IL-33 and Thymic Stromal Lymphopoietin in mast cell functions. European Journal of Pharmacology, 2016, 778, 68-76.	1.7	44
282	Complex genetics of pulmonary diseases: lessons from genome-wide association studies and next-generation sequencing. Translational Research, 2016, 168, 22-39.	2.2	13
283	Genetics of Lung Disease. , 2016, , 32-43.e3.		0
284	Pulmonary Disease and Age at Immigration among Hispanics. Results from the Hispanic Community Health Study/Study of Latinos. American Journal of Respiratory and Critical Care Medicine, 2016, 193, 386-395.	2.5	70
285	Severe Asthma in Children: Lessons Learned and Future Directions. Journal of Allergy and Clinical Immunology: in Practice, 2016, 4, 11-19.	2.0	62
286	Functional variants of 17q12-21 are associated with allergic asthma but not allergic rhinitis. Journal of Allergy and Clinical Immunology, 2016, 137, 758-766.e3.	1.5	34
287	Increased expression of nuclear factor of activated TÂcells 1 drives IL-9â€“mediated allergic asthma. Journal of Allergy and Clinical Immunology, 2016, 137, 1898-1902.e7.	1.5	16
288	Exploring the Major Sources and Extent of Heterogeneity in a Genomeâ€Wide Association Metaâ€Analysis. Annals of Human Genetics, 2016, 80, 113-122.	0.3	9
289	Innate lymphoid cells in asthma: Will they take your breath away?. European Journal of Immunology, 2016, 46, 795-806.	1.6	64
290	Association Between Gasdermin A and Gasdermin B Polymorphisms and Susceptibility to Adult and Childhood Asthma Among Jordanians. Genetic Testing and Molecular Biomarkers, 2016, 20, 143-148.	0.3	16
291	TSLP polymorphisms, allergen exposures, and the risk of atopic disorders in children. Annals of Allergy, Asthma and Immunology, 2016, 116, 139-145.e1.	0.5	18
292	Type 2 innate lymphoid cells: at the cross-roads in allergic asthma. Seminars in Immunopathology, 2016, 38, 483-496.	2.8	65
293	Unsupervised text mining for assessing and augmenting GWAS results. Journal of Biomedical Informatics, 2016, 60, 252-259.	2.5	15
294	Leveraging gene-environment interactions and endotypes for asthma gene discovery. Journal of Allergy and Clinical Immunology, 2016, 137, 667-679.	1.5	96
295	Airway Epithelial Expression Quantitative Trait Loci Reveal Genes Underlying Asthma and Other Airway Diseases. American Journal of Respiratory Cell and Molecular Biology, 2016, 54, 177-187.	1.4	28
296	The Genetics of Allergic Disease and Asthma. , 2016, , 18-30.e4.		0

#	Article	IF	Citations
297	Genetic variation in uncontrolled childhood asthma despite ICS treatment. Pharmacogenomics Journal, 2016, 16, 158-163.	0.9	16
298	Genetics in Asthma and COPD. , 2016, , 786-806.e8.		0
301	Dysregulation of type 2 innate lymphoid cells and T H 2 cells impairs pollutant-induced allergic airway responses. Journal of Allergy and Clinical Immunology, 2017, 139, 246-257.e4.	1.5	55
302	Transferability of genome-wide associated loci for asthma in African Americans. Journal of Asthma, 2017, 54, 1-8.	0.9	11
303	Association between IL-13 +1923C/T polymorphism and asthma risk: a meta-analysis based on 26 case-control studies. Bioscience Reports, 2017, 37, .	1.1	15
304	A pathwayâ€based association study reveals variants from Wnt signalling genes contributing to asthma susceptibility. Clinical and Experimental Allergy, 2017, 47, 618-626.	1.4	29
305	Personalised medicine in asthma: from curative to preventive medicine. European Respiratory Review, 2017, 26, 160010.	3.0	30
306	Linking childhood allergic asthma phenotypes with endotype through integrated systems biology: current evidence and research needs. Reviews on Environmental Health, 2017, 32, 55-63.	1.1	7
307	IL33 and IL1RL1 variants are associated with asthma and atopy in a Brazilian population. International Journal of Immunogenetics, 2017, 44, 51-61.	0.8	25
308	Nicotinamide N -Methyltransferase: More Than a Vitamin B3 Clearance Enzyme. Trends in Endocrinology and Metabolism, 2017, 28, 340-353.	3.1	172
309	Polygenic risk assessment reveals pleiotropy between sarcoidosis and inflammatory disorders in the context of genetic ancestry. Genes and Immunity, 2017, 18, 88-94.	2.2	21
310	Effects of Allergic Sensitization on Antiviral Immunity: Allergen, Virus, and Host Cell Mechanisms. Current Allergy and Asthma Reports, 2017, 17, 9.	2.4	10
311	Regulatory T cells and type 2 innate lymphoid cellâ€dependent asthma. Allergy: European Journal of Allergy and Clinical Immunology, 2017, 72, 1148-1155.	2.7	84
312	Hits and defeats of genome-wide association studies of atopy and asthma. Journal of Applied Biomedicine, 2017, 15, 161-168.	0.6	1
313	On a Collision Course: The Electronic Medical Record and Genetic Studies of Asthma. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 412-414.	2.5	4
314	Predictors of emergency department use in children with persistent asthma in metropolitan Atlanta, Georgia. Annals of Allergy, Asthma and Immunology, 2017, 119, 129-136.	0.5	16
315	A meta-analysis of genome-wide association studies of asthma in PuertoÂRicans. European Respiratory Journal, 2017, 49, 1601505.	3.1	51
316	When Innate Responses Matter: ILC2s Loom Large in Allergic Airway Inflammation. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 1544-1546.	2.5	5

#	Article	IF	Citations
317	Airway Epithelial Cells Are Crucial Targets of Glucocorticoids in a Mouse Model of Allergic Asthma. Journal of Immunology, 2017, 199, 48-61.	0.4	44
318	Phenotypic and genetic aspects of epithelial barrier function in asthmatic patients. Journal of Allergy and Clinical Immunology, 2017, 139, 1736-1751.	1.5	73
319	Thymic stromal lymphopoietin and apocynin alter the expression of airway remodeling factors in human rhinovirus-infected cells. Immunobiology, 2017, 222, 892-899.	0.8	14
320	<scp>PAI</scp>â€1 gainâ€ofâ€function genotype, factors increasing <scp>PAI</scp>â€1 levels, and airway obstruction: The <scp>GALA II</scp> Cohort. Clinical and Experimental Allergy, 2017, 47, 1150-1158.	1.4	2
321	Structure and antagonism of the receptor complex mediated by human TSLP in allergy and asthma. Nature Communications, 2017, 8, 14937.	5.8	115
322	Analyses of caspase-1-regulated transcriptomes in various tissues lead to identification of novel IL-1Î²-, IL-18- and sirtuin-1-independent pathways. Journal of Hematology and Oncology, 2017, 10, 40.	6.9	64
323	Genome-Wide Interaction Analysis of Air Pollution Exposure and Childhood Asthma with Functional Follow-up. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 1373-1383.	2.5	107
324	Immune development and environment: lessons from Amish and Hutterite children. Current Opinion in Immunology, 2017, 48, 51-60.	2.4	74
325	Allergic diseases: From bench to clinic - Contribution of the discovery of interleukin-5. Cytokine, 2017, 98, 59-70.	1.4	68
326	Archaic Hominin Introgression in Africa Contributes to Functional Salivary MUC7 Genetic Variation. Molecular Biology and Evolution, 2017, 34, 2704-2715.	3.5	57
327	Genetic variants and risk of asthma in an American Indian population. Annals of Allergy, Asthma and Immunology, 2017, 119, 31-36.e1.	0.5	12
328	Didox (3,4-dihydroxybenzohydroxamic acid) suppresses IL-33-induced cytokine production in primary mouse mast cells. Cellular Immunology, 2017, 319, 10-16.	1.4	6
329	Innate lymphoid cells: major players in inflammatory diseases. Nature Reviews Immunology, 2017, 17, 665-678.	10.6	282
330	Memory-type ST2+CD4+ T cells participate in the steroid-resistant pathology of eosinophilic pneumonia. Scientific Reports, 2017, 7, 6805.	1.6	21
331	Microbial Insights into Asthmatic Immunopathology. A Forward-Looking Synthesis and Commentary. Annals of the American Thoracic Society, 2017, 14, S316-S325.	1.5	5
332	Hygiene Hypothesis in Asthma Development: Is Hygiene to Blame?. Archives of Medical Research, 2017, 48, 717-726.	1.5	33
333	The Innate Cytokines IL-25, IL-33, and TSLP Cooperate in the Induction of Type 2 Innate Lymphoid Cell Expansion and Mucous Metaplasia in Rhinovirus-Infected Immature Mice. Journal of Immunology, 2017, 199, 1308-1318.	0.4	114
334	10 Years of GWAS Discovery: Biology, Function, and Translation. American Journal of Human Genetics, 2017, 101, 5-22.	2.6	2,793

#	Article	IF	Citations
335	Interleukin 33 exacerbates antigen driven airway hyperresponsiveness, inflammation and remodeling in a mouse model of asthma. Scientific Reports, 2017, 7, 4219.	1.6	53
336	<scp>IL</scp>â€33: biological properties, functions, and roles in airway disease. Immunological Reviews, 2017, 278, 173-184.	2.8	182
337	Gender-specific determinants of asthma among U.S. adults. Asthma Research and Practice, 2017, 3, 2.	1.2	32
338	Pathogenic T cell subsets in allergic and chronic inflammatory bowel disorders. Immunological Reviews, 2017, 278, 263-276.	2.8	20
339	Are <scp>ILC</scp>2s Jekyll and Hyde in airway inflammation?. Immunological Reviews, 2017, 278, 207-218.	2.8	36
340	The environment, epigenome, and asthma. Journal of Allergy and Clinical Immunology, 2017, 140, 14-23.	1.5	125
342	Asthma phenotypes in childhood. Expert Review of Clinical Immunology, 2017, 13, 705-713.	1.3	30
343	MicroRNA-155 is a critical regulator of type 2 innate lymphoid cells and IL-33 signaling in experimental models of allergic airway inflammation. Journal of Allergy and Clinical Immunology, 2017, 139, 1007-1016.e9.	1.5	101
344	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
345	Gene-based analysis of regulatory variants identifies 4 putative novel asthma risk genes related to nucleotide synthesis and signaling. Journal of Allergy and Clinical Immunology, 2017, 139, 1148-1157.	1.5	72
346	Identification of Four Novel Loci in Asthma in European American and African American Populations. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 456-463.	2.5	91
347	Predicting Severe Asthma Exacerbations in Children. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 854-859.	2.5	81
348	NOD2 promotes cell proliferation and inflammatory response by mediating expression of TSLP in human airway smooth muscle cells. Cellular Immunology, 2017, 312, 35-41.	1.4	14
349	Asthma and genetics: Investigating nucleotide variants. , 2017, , .		0
350	Lessons from ten years of genomeâ€wide association studies of asthma. Clinical and Translational Immunology, 2017, 6, e165.	1.7	103
352	An intronic single-nucleotide polymorphism (rs13217795) in FOXO3 is associated with asthma and allergic rhinitis: a caseâ€“caseâ€“control study. BMC Medical Genetics, 2017, 18, 132.	2.1	15
353	Using omics approaches to understand pulmonary diseases. Respiratory Research, 2017, 18, 149.	1.4	90
354	Epigenetic regulation of AXL and risk of childhood asthma symptoms. Clinical Epigenetics, 2017, 9, 121.	1.8	22

#	Article	IF	Citations
355	Impacts of different cytokine and chemokine polymorphisms in Pakistani asthmatics a case control study. COPD Research and Practice, 2017, 3, .	0.7	3
356	Gene expression analysis in asthma using a targeted multiplex array. BMC Pulmonary Medicine, 2017, 17, 189.	0.8	36
357	DNA methylation in childhood asthma: an epigenome-wide meta-analysis. Lancet Respiratory Medicine,the, 2018, 6, 379-388.	5.2	170
358	Food allergen triggers are increased in children with the TSLP risk allele and eosinophilic esophagitis. Clinical and Translational Gastroenterology, 2018, 9, e139.	1.3	23
359	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.	1.5	20
360	Changing the thresholdâ€"Signals and mechanisms of mast cell priming. Immunological Reviews, 2018, 282, 73-86.	2.8	41
361	Role of epigenetics in the development of childhood asthma. Current Opinion in Allergy and Clinical Immunology, 2018, 18, 132-138.	1.1	25
362	Genome-wide association study of self-reported food reactions in Japanese identifies shrimp and peach specific loci in the HLA-DR/DQ gene region. Scientific Reports, 2018, 8, 1069.	1.6	29
363	Eosinophilic esophagitis (EoE) genetic susceptibility is mediated by synergistic interactions between EoE-specific and general atopic disease loci. Journal of Allergy and Clinical Immunology, 2018, 141, 1690-1698.	1.5	51
364	Interleukinâ€33 (<scp>IL</scp>â€33): A nuclear cytokine from the <scp>IL</scp>â€1 family. Immunological Reviews, 2018, 281, 154-168.	2.8	586
365	Multiancestry association study identifies new asthma risk loci that colocalize with immune-cell enhancer marks. Nature Genetics, 2018, 50, 42-53.	9.4	426
366	A functional splice variant associated with decreased asthma risk abolishes the ability of gasdermin B to induce epithelial cell pyroptosis. Journal of Allergy and Clinical Immunology, 2018, 142, 1469-1478.e2.	1.5	121
367	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
368	Small Molecule Mimetics of Î±-Helical Domain of IRAK2 Attenuate the Proinflammatory Effects of IL-33 in Asthma-like Mouse Models. Journal of Immunology, 2018, 200, 4036-4043.	0.4	8
369	Nasal epithelium as a proxy for bronchial epithelium for smoking-induced gene expression and expression Quantitative Trait Loci. Journal of Allergy and Clinical Immunology, 2018, 142, 314-317.e15.	1.5	32
370	Assessing Asthma Medication Responses in U.S. Minority Children by Whole-Genome Sequencing. American Journal of Respiratory and Critical Care Medicine, 2018, 197, 1513-1514.	2.5	1
371	Orchestration of epithelial-derived cytokines and innate immune cells in allergic airway inflammation. Cytokine and Growth Factor Reviews, 2018, 39, 19-25.	3.2	22
372	Genetic regulation of IL1RL1 methylation and IL1RL1-a protein levels in asthma. European Respiratory Journal, 2018, 51, 1701377.	3.1	24

#	Article	IF	Citations
373	Blood Eosinophil Count and Metabolic, Cardiac and Pulmonary Outcomes: A Mendelian Randomization Study. Twin Research and Human Genetics, 2018, 21, 89-100.	0.3	11
374	Antialarmins for treatment of asthma. Current Opinion in Pulmonary Medicine, 2018, 24, 32-41.	1.2	17
375	Bone marrow type 2 innate lymphoid cells: a local source of interleukinâ€5 in interleukinâ€33â€driven eosinophilia. Immunology, 2018, 153, 268-278.	2.0	34
376	After asthma: redefining airways diseases. Lancet, The, 2018, 391, 350-400.	6.3	744
377	IL-33/ST2 Pathway as a Rational Therapeutic Target for CNS Diseases. Neuroscience, 2018, 369, 222-230.	1.1	33
378	Mast cell-dependent IL-33/ST2 signaling is protective against the development of airway hyperresponsiveness in a house dust mite mouse model of asthma. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2018, 314, L484-L492.	1.3	21
379	Nursing Practice and Particulate Matter Exposure. American Journal of Nursing, 2018, 118, 52-56.	0.2	7
380	Genetic-Epigenetic Interactions in Asthma Revealed by a Genome-Wide Gene-Centric Search. Human Heredity, 2018, 83, 130-152.	0.4	18
381	Genetics of Exfoliation Syndrome. Journal of Glaucoma, 2018, 27, S12-S14.	0.8	25
382	Recent developments in statistical methods for GWAS and high-throughput sequencing association studies of complex traits. Biostatistics and Epidemiology, 2018, 2, 132-159.	0.4	3
383	Identification of deleterious and regulatory genomic variations in known asthma loci. Respiratory Research, 2018, 19, 248.	1.4	5
384	Inhibiting Glycolysis and ATP Production Attenuates IL-33-Mediated Mast Cell Function and Peritonitis. Frontiers in Immunology, 2018, 9, 3026.	2.2	47
385	Genetic Determinants of Telomere Length in African American Youth. Scientific Reports, 2018, 8, 13265.	1.6	20
386	Glucocorticoid Receptor Binding Inhibits an Intronic IL33 Enhancer and is Disrupted by rs4742170 (T) Allele Associated with Specific Wheezing Phenotype in Early Childhood. International Journal of Molecular Sciences, 2018, 19, 3956.	1.8	9
387	The Risk G Allele of the Single-Nucleotide Polymorphism rs928413 Creates a CREB1-Binding Site That Activates IL33 Promoter in Lung Epithelial Cells. International Journal of Molecular Sciences, 2018, 19, 2911.	1.8	18
388	The clinical imperative for inclusivity: Race, ethnicity, and ancestry (REA) in genomics. Human Mutation, 2018, 39, 1713-1720.	1.1	102
389	Gene Coexpression Networks in Whole Blood Implicate Multiple Interrelated Molecular Pathways in Obesity in People with Asthma. Obesity, 2018, 26, 1938-1948.	1.5	11
390	Childhood asthma is associated with COPD and known asthma variants in COPDGene: a genome-wide association study. Respiratory Research, 2018, 19, 209.	1.4	41

#	Article	IF	Citations
391	Insights into respiratory disease through bioinformatics. Respirology, 2018, 23, 1117-1126.	1.3	19
392	Interleukin 33 ameliorates disturbance of regulatory T cells in pulmonary sarcoidosis. International Immunopharmacology, 2018, 64, 208-216.	1.7	7
393	A Systems Perspective of Complex Diseases: From Reductionism to Integration. RNA Technologies, 2018, , 17-36.	0.2	0
394	Microarray data analysis to identify differentially expressed genes and biological pathways associated with asthma. Experimental and Therapeutic Medicine, 2018, 16, 1613-1620.	0.8	2
395	<scp>IL</scp>â€33 signalling contributes to pollutantâ€induced allergic airway inflammation. Clinical and Experimental Allergy, 2018, 48, 1665-1675.	1.4	35
396	The Genetics and Genomics of Asthma. Annual Review of Genomics and Human Genetics, 2018, 19, 223-246.	2.5	47
397	Insights in particulate matterâ€induced allergic airway inflammation: Focus on the epithelium. Clinical and Experimental Allergy, 2018, 48, 773-786.	1.4	73
398	A genome-wide cross-trait analysis from UK Biobank highlights the shared genetic architecture of asthma and allergic diseases. Nature Genetics, 2018, 50, 857-864.	9.4	191
399	Association of ST2 polymorphisms with atopy, asthma, and leukemia. Journal of Allergy and Clinical Immunology, 2018, 142, 991-993.e3.	1.5	4
400	Eosinophils from Physiology to Disease: A Comprehensive Review. BioMed Research International, 2018, 2018, 1-28.	0.9	182
401	Established and Emerging Environmental Contributors to Disparities in Asthma and Chronic Obstructive Pulmonary Disease. Current Epidemiology Reports, 2018, 5, 114-124.	1.1	20
402	An Integrative Transcriptomic and Metabolomic Study of Lung Function in Children With Asthma. Chest, 2018, 154, 335-348.	0.4	52
403	Association of IL-33, IL1RL1 gene polymorphisms with serum IL-33 levels and risk of asthma in adults and asthmatic bronchitis in children (Chinese). Biotechnology and Biotechnological Equipment, 2018, 32, 1251-1256.	0.5	5
404	Thymic Stromal Lymphopoietin Isoforms, Inflammatory Disorders, and Cancer. Frontiers in Immunology, 2018, 9, 1595.	2.2	133
405	Precision Medicine in Targeted Therapies for Severe Asthma: Is There Any Place for â€œOmicsâ€• Technology?. BioMed Research International, 2018, 2018, 1-15.	0.9	21
406	Genetic Mechanisms of Asthma and the Implications for Drug Repositioning. Genes, 2018, 9, 237.	1.0	14
407	Assessment of genetic factor and depression interactions for asthma symptom severity in cohorts of childhood and elderly asthmatics. Experimental and Molecular Medicine, 2018, 50, 1-7.	3.2	10
408	The effects of caregiver depression on childhood asthma. Annals of Allergy, Asthma and Immunology, 2018, 121, 421-427.	0.5	33

#	Article	IF	Citations
409	Application of High-Throughput Technologies in Personal Genomics: How Is the Progress in Personal Genome Service?. Respiratory Disease Series, 2018, , 319-331.	0.1	0
410	Association between TSLP gene polymorphism and bronchial asthma in children in Beni Suef Governorate in Egypt. Comparative Clinical Pathology, 2018, 27, 565-570.	0.3	3
411	Novel eosinophilic gene expression networks associated with IgE in two distinct asthma populations. Clinical and Experimental Allergy, 2018, 48, 1654-1664.	1.4	22
412	Multiethnic meta-analysis identifies ancestry-specific and cross-ancestry loci for pulmonary function. Nature Communications, 2018, 9, 2976.	5.8	85
413	Gene editing in the context of an increasingly complex genome. BMC Genomics, 2018, 19, 595.	1.2	8
414	All along the watchtower: group 2 innate lymphoid cells in allergic responses. Current Opinion in Immunology, 2018, 54, 13-19.	2.4	15
415	The Epidemiology of Asthma. , 2019, , 640-664.e8.		1
416	TSLP and TSLP receptors variants are associated with smoking. Molecular Genetics & Genomic Medicine, 2019, 7, e842.	0.6	8
417	OCTN2-Mediated Acetyl-l-Carnitine Transport in Human Pulmonary Epithelial Cells In Vitro. Pharmaceutics, 2019, 11, 396.	2.0	11
418	Association of Polymorphisms at theSIX1-SIX6Locus With Primary Open-Angle Glaucoma. , 2019, 60, 2914.		13
419	The airway epithelium in asthma. Advances in Immunology, 2019, 142, 1-34.	1.1	33
420	Asthma in Children and Adultsâ€"What Are the Differences and What Can They Tell us About Asthma?. Frontiers in Pediatrics, 2019, 7, 256.	0.9	145
421	Use of precision cut lung slices as a translational model for the study of lung biology. Respiratory Research, 2019, 20, 162.	1.4	128
422	Short-term effect of PM2.5 on pediatric asthma incidence in Shanghai, China. Environmental Science and Pollution Research, 2019, 26, 27832-27841.	2.7	20
423	The discovery of novel mechanisms for lymphangioleiomyomatosis pathogenesis through GWAS: a rarity in rare respiratory disorders. European Respiratory Journal, 2019, 53, 1900863.	3.1	2
424	Caesarean section and childrenâ€™s health: A quasi-experimental design. Population Studies, 2019, 73, 353-368.	1.1	5
425	Genomeâ€wide association studies of structural birth defects: A review and commentary. Birth Defects Research, 2019, 111, 1329-1342.	0.8	34
426	Advances in asthma and allergic disease genetics: Is bigger always better?. Journal of Allergy and Clinical Immunology, 2019, 144, 1495-1506.	1.5	61

#	Article	IF	Citations
427	Shared genetics of asthma and mental health disorders: a large-scale genome-wide cross-trait analysis. European Respiratory Journal, 2019, 54, 1901507.	3.1	106
428	ERS/EAACI statement on severe exacerbations in asthma in adults: facts, priorities and key research questions. European Respiratory Journal, 2019, 54, 1900900.	3.1	56
429	IL-33 blockade affects mediators of persistence and exacerbation in a model of chronic airway inflammation. Journal of Allergy and Clinical Immunology, 2019, 144, 1624-1637.e10.	1.5	64
430	Whole Genome Sequencing Identifies CRISPLD2 as a Lung Function Gene in Children With Asthma. Chest, 2019, 156, 1068-1079.	0.4	5
431	Pilot GWAS of caries in African-Americans shows genetic heterogeneity. BMC Oral Health, 2019, 19, 215.	0.8	9
432	Lessons Learned From GWAS of Asthma. Allergy, Asthma and Immunology Research, 2019, 11, 170.	1.1	77
433	Large-scale, multiethnic genome-wide association study identifies novel loci contributing to asthma susceptibility in adults. Journal of Allergy and Clinical Immunology, 2019, 143, 1633-1635.	1.5	26
434	Proinflammatory Pathways in the Pathogenesis of Asthma. Clinics in Chest Medicine, 2019, 40, 29-50.	0.8	83
435	Modulation of Allergic Reactivity in Humans Is Dependent on Schistosoma mansoni Parasite Burden, Low Levels of IL-33 or TNF-Î± and High Levels of IL-10 in Serum. Frontiers in Immunology, 2018, 9, 3158.	2.2	26
436	Validation of childhood asthma predictive tools: A systematic review. Clinical and Experimental Allergy, 2019, 49, 410-418.	1.4	21
437	Group 2 Innate Lymphoid Cells in Airway Diseases. Chest, 2019, 156, 141-149.	0.4	108
438	Childhood Asthma. , 2019, , 305-351.		1
439	BAL Cell Gene Expression in Severe Asthma Reveals Mechanisms of Severe Disease and Influences of Medications. American Journal of Respiratory and Critical Care Medicine, 2019, 200, 837-856.	2.5	37
440	Measuring Micrometers of Matter and Inventing Indices: Entangling Social Perception within Discrete and Continuous Measurements of Air Quality. Social Sciences, 2019, 8, 48.	0.7	1
441	An integrative association method for omics data based on a modified Fisherâ€™s method with application to childhood asthma. PLoS Genetics, 2019, 15, e1008142.	1.5	3
442	IL-33 Mediated Inflammation in Chronic Respiratory Diseasesâ€"Understanding the Role of the Member of IL-1 Superfamily. Frontiers in Immunology, 2019, 10, 692.	2.2	81
443	Ecological determinants of respiratory health: Examining associations between asthma emergency department visits, diesel particulate matter, and public parks and open space in Los Angeles, California. Preventive Medicine Reports, 2019, 14, 100855.	0.8	18
444	Sex-associated TSLP-induced immune alterations following early-life RSV infection leads to enhanced allergic disease. Mucosal Immunology, 2019, 12, 969-979.	2.7	54

#	Article	IF	Citations
445	Association of IL1RL1 rs3771180 and TSLP rs1837253 variants with asthma in the Guangxi Zhuang population in China. Journal of Clinical Laboratory Analysis, 2019, 33, e22905.	0.9	6
446	What did we learn from multiple omics studies in asthma?. Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 2129-2145.	2.7	29
447	Deconstructing the sex bias in allergy and autoimmunity: From sex hormones and beyond. Advances in Immunology, 2019, 142, 35-64.	1.1	48
448	The Advantages and Challenges of Diversity in Pharmacogenomics: Can Minority Populations Bring Us Closer to Implementation?. Clinical Pharmacology and Therapeutics, 2019, 106, 338-349.	2.3	31
449	Reconstructing recent population history while mapping rare variants using haplotypes. Scientific Reports, 2019, 9, 5849.	1.6	4
450	IL33: Roles in Allergic Inflammation and Therapeutic Perspectives. Frontiers in Immunology, 2019, 10, 364.	2.2	191
451	Epigenome-wide association study reveals methylation pathways associated with childhood allergic sensitization. Epigenetics, 2019, 14, 445-466.	1.3	43
452	Contributions of Innate Lymphoid Cells in Chronic Rhinosinusitis. Current Allergy and Asthma Reports, 2019, 19, 28.	2.4	6
453	Relationship of common variants in Interleukin 33 gene with susceptibility and prognosis of osteosarcoma in Han Chinese population. Journal of Cancer, 2019, 10, 1138-1144.	1.2	5
454	The Future of Genomic Studies Must Be Globally Representative: Perspectives from PAGE. Annual Review of Genomics and Human Genetics, 2019, 20, 181-200.	2.5	33
455	Nocturnal asthma is affected by genetic interactions between RORA and NPSR1. Pediatric Pulmonology, 2019, 54, 847-857.	1.0	9
456	Childhood Asthma. , 2019, , 1-47.		0
457	Interleukinâ€33 in the developing lungâ€"Roles in asthma and infection. Pediatric Allergy and Immunology, 2019, 30, 503-510.	1.1	37
458	Genomic Predictors of Asthma Phenotypes and Treatment Response. Frontiers in Pediatrics, 2019, 7, 6.	0.9	61
459	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
460	African American ancestry contribution to asthma and atopic dermatitis. Annals of Allergy, Asthma and Immunology, 2019, 122, 456-462.	0.5	33
461	A chalcone derivative suppresses the induction of TSLP in mice and human keratinocytes and attenuates OVA-induced antibody production in mice. European Journal of Pharmacology, 2019, 851, 52-62.	1.7	7
462	Rhinovirus Attributes that Contribute to Asthma Development. Immunology and Allergy Clinics of North America, 2019, 39, 345-359.	0.7	7

#	Article	IF	Citations
463	The role of the 17q21 genotype in the prevention of early childhood asthma and recurrent wheeze by vitamin D. European Respiratory Journal, 2019, 54, 1900761.	3.1	29
464	Asthma: An integrative physiologic approach. , 2019, , 23-53.		0
465	TSLP: from allergy to cancer. Nature Immunology, 2019, 20, 1603-1609.	7.0	132
466	How does race and ethnicity effect the precision treatment of asthma?. Expert Review of Precision Medicine and Drug Development, 2019, 4, 337-356.	0.4	7
467	Genetic profiling for disease stratification in chronic obstructive pulmonary disease and asthma. Current Opinion in Pulmonary Medicine, 2019, 25, 317-322.	1.2	8
468	A GWAS approach identifies Dapp1 as a determinant of air pollution-induced airway hyperreactivity. PLoS Genetics, 2019, 15, e1008528.	1.5	9
469	Leveraging genomics to uncover the genetic, environmental and age-related factors leading to asthma. , 2019, , 331-381.		2
470	Environment and Host-Genetic Determinants in Early Development of Allergic Asthma: Contribution of Fungi. Frontiers in Immunology, 2019, 10, 2696.	2.2	11
471	A genome-wide association and admixture mapping study of bronchodilator drug response in African Americans with asthma. Pharmacogenomics Journal, 2019, 19, 249-259.	0.9	54
472	Moderate-to-severe asthma in individuals of European ancestry: a genome-wide association study. Lancet Respiratory Medicine,the, 2019, 7, 20-34.	5.2	183
473	High-Throughput Sequencing in Respiratory, Critical Care, and Sleep Medicine Research. An Official American Thoracic Society Workshop Report. Annals of the American Thoracic Society, 2019, 16, 1-16.	1.5	9
474	Integrative approach identifies corticosteroid response variant in diverse populations with asthma. Journal of Allergy and Clinical Immunology, 2019, 143, 1791-1802.	1.5	33
475	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.	1.5	33
476	Genetic risk factors for the development of pulmonary disease identified by genomeâ€wide association. Respirology, 2019, 24, 204-214.	1.3	44
477	Identification of novel allergic diathesis genes: Are we closer to novel therapeutic targets?. Journal of Allergy and Clinical Immunology, 2019, 143, 557-559.	1.5	0
478	The SLC transporter in nutrient and metabolic sensing, regulation, and drug development. Journal of Molecular Cell Biology, 2019, 11, 1-13.	1.5	159
479	Interactions between polycyclic aromatic hydrocarbons and epoxide hydrolase 1 play roles in asthma. Environmental Geochemistry and Health, 2019, 41, 191-210.	1.8	8
480	Eleven loci with new reproducible genetic associations with allergic disease risk. Journal of Allergy and Clinical Immunology, 2019, 143, 691-699.	1.5	49

#	Article	IF	Citations
481	Linking endotypes to omics profiles in difficult-to-control asthma using the diagnostic Chinese medicine syndrome differentiation algorithm. Journal of Asthma, 2020, 57, 532-542.	0.9	5
482	Prodromal clinical, demographic, and socio-ecological correlates of asthma in adults: a 10-year statewide big data multi-domain analysis. Journal of Asthma, 2020, 57, 1155-1167.	0.9	2
483	The role of innate immunity in asthma development and protection: Lessons from the environment. Clinical and Experimental Allergy, 2020, 50, 282-290.	1.4	18
485	Systems biology and big data in asthma and allergy: recent discoveries and emerging challenges. European Respiratory Journal, 2020, 55, 1900844.	3.1	22
486	Genetic variants of the C11orf30-LRRC32 region are associated with childhood asthma in the Chinese population. Allergologia Et Immunopathologia, 2020, 48, 390-394.	1.0	4
487	Molecular and genomic basis of bronchial asthma. , 2020, , 353-366.		0
488	Anti-alarmin approaches entering clinical trials. Current Opinion in Pulmonary Medicine, 2020, 26, 69-76.	1.2	12
489	Association of Single-Nucleotide Polymorphisms With Chronic Rhinosinusitis in a Southwestern Han Chinese Population: A Replication Study. American Journal of Rhinology and Allergy, 2020, 34, 352-360.	1.0	3
490	Integrated genomics analysis highlights important SNPs and genes implicated in moderate-to-severe asthma based on GWAS and eQTL datasets. BMC Pulmonary Medicine, 2020, 20, 270.	0.8	20
491	Adultâ€onset eosinophilic airway diseases. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 3087-3099.	2.7	54
492	The association between secondhand smoke and childhood asthma: A systematic review and metaâ€analysis. Pediatric Pulmonology, 2020, 55, 2518-2531.	1.0	42
493	The Airway Epitheliumâ€"A Central Player in Asthma Pathogenesis. International Journal of Molecular Sciences, 2020, 21, 8907.	1.8	47
494	Discovery through Diversity: Insights into the Genetics of Lung Function in Latino Youth. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 913-914.	2.5	0
495	Genomics of asthma, allergy and chronic rhinosinusitis: novel concepts and relevance in airway mucosa. Clinical and Translational Allergy, 2020, 10, 45.	1.4	26
496	Maturation of the gut microbiome during the first year of life contributes to the protective farm effect on childhood asthma. Nature Medicine, 2020, 26, 1766-1775.	15.2	202
497	Unmet need in severe, uncontrolled asthma: can anti-TSLP therapy with tezepelumab provide a valuable new treatment option?. Respiratory Research, 2020, 21, 268.	1.4	30
498	Integrative genomics analysis of various omics data and networks identify risk genes and variants vulnerable to childhood-onset asthma. BMC Medical Genomics, 2020, 13, 123.	0.7	15
499	The Utility of Resolving Asthma Molecular Signatures Using Tissue-Specific Transcriptome Data. G3: Genes, Genomes, Genetics, 2020, 10, 4049-4062.	0.8	12

#	Article	IF	Citations
500	Health Disparities in Environmental and Occupational Lung Disease. Clinics in Chest Medicine, 2020, 41, 623-639.	0.8	10
501	Treatment of Allergic Asthma with Fenretinide Formulation (LAU-7b) Downregulates ORMDL Sphingolipid Biosynthesis Regulator 3 (Ormdl3) Expression and Normalizes Ceramide Imbalance. Journal of Pharmacology and Experimental Therapeutics, 2020, 373, 476-487.	1.3	5
502	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
503	Asthma genetics revisited: understanding disease mechanisms by studying ethnically diverse groups. Lancet Respiratory Medicine,the, 2020, 8, 427-429.	5.2	5
504	Detecting Genotype-Population Interaction Effects by Ancestry Principal Components. Frontiers in Genetics, 2020, 11, 379.	1.1	2
505	Asthma/Rhinitis (The United Airway) and Allergy: Chicken or Egg; Which Comes First?. Journal of Clinical Medicine, 2020, 9, 1483.	1.0	6
506	Monoclonal Antibody Therapy in Childhood Asthma. Current Allergy and Asthma Reports, 2020, 20, 26.	2.4	3
507	Group 2 Innate Lymphoid Cells and the House Dust Mite-Induced Asthma Mouse Model. Cells, 2020, 9, 1178.	1.8	28
508	Thymic stromal lymphopoietin: its role and potential as a therapeutic target in asthma. Expert Opinion on Therapeutic Targets, 2020, 24, 777-792.	1.5	108
509	Interplay Between the IL-33/ST2 Axis and Bone Marrow ILC2s in Protease Allergen-Induced IL-5-Dependent Eosinophilia. Frontiers in Immunology, 2020, 11, 1058.	2.2	22
510	Gut Microbial-Derived Metabolomics of Asthma. Metabolites, 2020, 10, 97.	1.3	31
511	Gene-Environment Interaction between the IL1RN Variants and Childhood Environmental Tobacco Smoke Exposure in Asthma Risk. International Journal of Environmental Research and Public Health, 2020, 17, 2036.	1.2	9
512	Comprehensive functional annotation of susceptibility variants associated with asthma. Human Genetics, 2020, 139, 1037-1053.	1.8	11
513	Joint variable selection and network modeling for detecting eQTLs. Statistical Applications in Genetics and Molecular Biology, 2020, 19, .	0.2	0
514	Contributions of IL-33 in Non-hematopoietic Lung Cells to Obstructive Lung Disease. Frontiers in Immunology, 2020, 11, 1798.	2.2	8
515	PYHIN1 regulates pro-inflammatory cytokine induction rather than innate immune DNA sensing in airway epithelial cells. Journal of Biological Chemistry, 2020, 295, 4438-4450.	1.6	15
516	Recent findings in the genetics and epigenetics of asthma and allergy. Seminars in Immunopathology, 2020, 42, 43-60.	2.8	63
517	Targeted deletion of the TSLP receptor reveals cellular mechanisms that promote type 2 airway inflammation. Mucosal Immunology, 2020, 13, 626-636.	2.7	52

#	Article	IF	Citations
518	Expression of SMARCD1 interacts with age in association with asthma control on inhaled corticosteroid therapy. Respiratory Research, 2020, 21, 31.	1.4	6
519	A genome-wide association study on medulloblastoma. Journal of Neuro-Oncology, 2020, 147, 309-315.	1.4	10
520	Anti-TSLP antibodies: Targeting a master regulator of type 2 immune responses. Allergology International, 2020, 69, 197-203.	1.4	58
521	IL-33 in Chronic Respiratory Disease: From Preclinical to Clinical Studies. ACS Pharmacology and Translational Science, 2020, 3, 56-62.	2.5	32
522	Association of HLA-DRB1âˆ—09:01 with tIgE levels among African-ancestry individuals with asthma. Journal of Allergy and Clinical Immunology, 2020, 146, 147-155.	1.5	14
523	Biologics or immunotherapeutics for asthma?. Pharmacological Research, 2020, 158, 104782.	3.1	7
524	Resolving Clinical Phenotypes into Endotypes in Allergy: Molecular and Omics Approaches. Clinical Reviews in Allergy and Immunology, 2021, 60, 200-219.	2.9	18
525	Home environment allergen exposure scale in older adult cohort with asthma. Canadian Journal of Public Health, 2021, 112, 97-106.	1.1	5
526	Mapping the 17q12â€“21.1 Locus for Variants Associated with Early-Onset Asthma in African Americans. American Journal of Respiratory and Critical Care Medicine, 2021, 203, 424-436.	2.5	16
527	Genetic analyses identify GSDMB associated with asthma severity, exacerbations, and antiviral pathways. Journal of Allergy and Clinical Immunology, 2021, 147, 894-909.	1.5	50
528	TSLP as druggable target â€“ a silver-lining for atopic diseases?. , 2021, 217, 107648.		33
529	Estrogen receptorâ€Î± signaling increases allergenâ€induced ILâ€33 release and airway inflammation. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 255-268.	2.7	36
530	A genome-wide association study of severe asthma exacerbations in Latino children and adolescents. European Respiratory Journal, 2021, 57, 2002693.	3.1	15
531	Diversity and the Splice of Life: Mapping the 17q12â€“21.1 Locus for Variants Associated with Early-Onset Asthma in African American Individuals. American Journal of Respiratory and Critical Care Medicine, 2021, 203, 401-403.	2.5	4
532	A genome-wide association study of asthma hospitalizations in adults. Journal of Allergy and Clinical Immunology, 2021, 147, 933-940.	1.5	23
533	Interleukinâ€18, ILâ€18 binding protein and ILâ€18 receptor expression in asthma: a hypothesis showing ILâ€18 promotes epithelial cell differentiation. Clinical and Translational Immunology, 2021, 10, e1301.	1.7	3
534	Genome-Wide Association Study of Korean Asthmatics: A Comparison With UK Asthmatics. Allergy, Asthma and Immunology Research, 2021, 13, 609.	1.1	4
536	Genetics and Epigenetics in Asthma. International Journal of Molecular Sciences, 2021, 22, 2412.	1.8	74

#	Article	IF	Citations
537	Race and Genetic Ancestry in Medicine â€" A Time for Reckoning with Racism. New England Journal of Medicine, 2021, 384, 474-480.	13.9	371
538	Advances in the genomics of ANCA-associated vasculitisâ€"a view from East Asia. Genes and Immunity, 2021, 22, 1-11.	2.2	12
539	Genome-wide association study of asthma, total IgE, and lung function in a cohort of Peruvian children. Journal of Allergy and Clinical Immunology, 2021, 148, 1493-1504.	1.5	19
540	A study on the short-term effect of particulate matter pollution on hospital visits for asthma in children in Shanghai, China. Environmental Geochemistry and Health, 2021, 43, 4123-4138.	1.8	1
541	Tezepelumab: A Potential New Biological Therapy for Severe Refractory Asthma. International Journal of Molecular Sciences, 2021, 22, 4369.	1.8	33
542	Prostaglandin I2 signaling licenses Treg suppressive function and prevents pathogenic reprogramming. Journal of Clinical Investigation, 2021, 131, .	3.9	10
543	Pathogenic helper T cells. Allergology International, 2021, 70, 169-173.	1.4	7
544	Association study between asthma and single nucleotide polymorphisms of ORMDL3, GSDMB, and IL1RL1 genes in an Algerian population. Egyptian Journal of Medical Human Genetics, 2021, 22, .	0.5	2
545	Association between Green Space Structure and the Prevalence of Asthma: A Case Study of Toronto. International Journal of Environmental Research and Public Health, 2021, 18, 5852.	1.2	8
546	A pilot study of differential gene expressions in patients with cough variant asthma and classic bronchial asthma. Journal of Asthma, 2022, 59, 1070-1078.	0.9	2
547	Targeting androgen signaling in ILC2s protects from IL-33â€"driven lung inflammation, independently of KLRG1. Journal of Allergy and Clinical Immunology, 2022, 149, 237-251.e12.	1.5	23
548	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.	1.5	14
549	Potential Metabolic Biomarkers in Adult Asthmatics. Metabolites, 2021, 11, 430.	1.3	15
550	Airway smooth muscle pathophysiology in asthma. Journal of Allergy and Clinical Immunology, 2021, 147, 1983-1995.	1.5	44
551	Prioritization of candidate causal genes for asthma in susceptibility loci derived from UK Biobank. Communications Biology, 2021, 4, 700.	2.0	77
552	TSLP disease-associated genetic variants combined with airway TSLP expression influence asthma risk. Journal of Allergy and Clinical Immunology, 2022, 149, 79-88.	1.5	11
553	Genetic ancestry differences in pediatric asthma readmission are mediated by socioenvironmental factors. Journal of Allergy and Clinical Immunology, 2021, 148, 1210-1218.e4.	1.5	16
554	Milestones of Precision Medicine: An Innovative, Multidisciplinary Overview. Molecular Diagnosis and Therapy, 2021, 25, 563-576.	1.6	5

#	Article	IF	Citations
556	Generation and Characterization of Torudokimab (LY3375880): A Monoclonal Antibody That Neutralizes Interleukin-33. Journal of Inflammation Research, 2021, Volume 14, 3823-3835.	1.6	6
557	Cellular and molecular mechanisms of allergic asthma. Molecular Aspects of Medicine, 2022, 85, 100995.	2.7	71
558	Monoclonal Antibodies Targeting Alarmins: A New Perspective for Biological Therapies of Severe Asthma. Biomedicines, 2021, 9, 1108.	1.4	24
559	Thymic stromal lymphopoietin, skin barrier dysfunction, and the atopic march. Annals of Allergy, Asthma and Immunology, 2021, 127, 306-311.	0.5	14
560	US Childhood Asthma Incidence Rate Patterns From the ECHO Consortium to Identify High-risk Groups for Primary Prevention. JAMA Pediatrics, 2021, 175, 919.	3.3	25
561	Current Knowledge of Asthma-COPD Overlap (ACO) Genetic Risk Factors, Characteristics, and Prognosis. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2021, 18, 585-595.	0.7	6
562	IL-33-ILC2 axis represents a potential adjuvant target to increase the cross-protective efficacy of influenza vaccine. Journal of Virology, 2021, 95, e0059821.	1.5	11
563	Structural racism and readmission for childhood asthmaâ€"a quest for causality. Journal of Allergy and Clinical Immunology, 2021, 148, 1165-1166.	1.5	0
564	LTA4H rs2660845 association with montelukast response in early and late-onset asthma. PLoS ONE, 2021, 16, e0257396.	1.1	6
565	Genetic Architecture of Depression: Where Do We Stand Now?. Advances in Experimental Medicine and Biology, 2021, 1305, 203-230.	0.8	4
566	Asthma and allergies in offspring conceived by ART: a systematic review and meta-analysis. Human Reproduction Update, 2021, 28, 132-148.	5.2	12
567	Phenotypic and functional translation of IL33 genetics in asthma. Journal of Allergy and Clinical Immunology, 2021, 147, 144-157.	1.5	29
568	Genetik und Epigenetik von allergischen Erkrankungen und Asthma. , 2016, , 23-36.		2
569	Genetics and Epigenetics of Allergic Diseases and Asthma. , 2014, , 343-363.		2
570	IL-33 gene variants and protein expression in pediatric Tunisian asthmatic patients. Cytokine, 2018, 104, 85-91.	1.4	13
571	Discovering the genes mediating the interactions between chronic respiratory diseases in the human interactome. Nature Communications, 2020, 11, 811.	5.8	25
580	Phenotypic and functional translation of IL1RL1 locus polymorphisms in lung tissue and asthmatic airway epithelium. JCI Insight, 2020, 5, .	2.3	26
581	Epithelial cellâ€"derived cytokines: more than just signaling the alarm. Journal of Clinical Investigation, 2019, 129, 1441-1451.	3.9	283

#	Article	IF	Citations
582	IL-33â€“dependent induction of allergic lung inflammation by FcÎ³RIII signaling. Journal of Clinical Investigation, 2013, 123, 2287-2297.	3.9	78
583	SARP: dissecting subphenotypes and endotypes of asthma. , 2019, , 167-183.		2
584	A rare IL33 loss-of-function mutation reduces blood eosinophil counts and protects from asthma. PLoS Genetics, 2017, 13, e1006659.	1.5	126
585	Genome-Wide Association Studies of Asthma in Population-Based Cohorts Confirm Known and Suggested Loci and Identify an Additional Association near HLA. PLoS ONE, 2012, 7, e44008.	1.1	111
586	A Twin Study of Early-Childhood Asthma in Puerto Ricans. PLoS ONE, 2013, 8, e68473.	1.1	9
587	Rule-Based Models of the Interplay between Genetic and Environmental Factors in Childhood Allergy. PLoS ONE, 2013, 8, e80080.	1.1	18
588	Functional Fcgamma Receptor Polymorphisms Are Associated with Human Allergy. PLoS ONE, 2014, 9, e89196.	1.1	24
589	Attention to Local Health Burden and the Global Disparity of Health Research. PLoS ONE, 2014, 9, e90147.	1.1	113
590	A Candidate Gene Approach Identifies an IL33 Genetic Variant as a Novel Genetic Risk Factor for GCA. PLoS ONE, 2014, 9, e113476.	1.1	17
591	Interleukin-33 from Monocytes Recruited to the Lung Contributes to House Dust Mite-Induced Airway Inflammation in a Mouse Model. PLoS ONE, 2016, 11, e0157571.	1.1	35
592	Asthma Genetics in the Post-GWAS Era. Annals of the American Thoracic Society, 2016, 13, S85-S90.	1.5	93
594	MicroRNA-145 down-regulates mucin 5AC to alleviate airway remodeling and targets EGFR to inhibit cytokine expression. Oncotarget, 2017, 8, 46312-46325.	0.8	29
595	Prenatal exposures and exposomics of asthma. AIMS Environmental Science, 2015, 2, 87-109.	0.7	7
596	Examining the rare disease assumption used to justify HWE testing with control samples. Mathematical Biosciences and Engineering, 2020, 17, 73-91.	1.0	3
597	TBXA2R rSNPs, Transcriptional Factor Binding Sites and Asthma in Asians. Open Journal of Pediatrics, 2014, 04, 148-161.	0.0	4
598	Multivariate Asthma Phenotypes in Adults: The Quebec City Case-Control Asthma Cohort. Open Journal of Respiratory Diseases, 2013, 03, 133-142.	0.1	5
599	Interleukin-33 and Mast Cells Bridge Innate and Adaptive Immunity: From the Allergologistâ€™s Perspective. International Neurourology Journal, 2015, 19, 142-150.	0.5	24
600	Potential therapeutic targets from genetic and epigenetic approaches for asthma. World Journal of Translational Medicine, 2016, 5, 14.	3.5	1

#	Article	IF	Citations
601	Sequence variant analysis of RNA sequences in severe equine asthma. PeerJ, 2018, 6, e5759.	0.9	8
602	Asthma-associated genetic variants induce IL33 differential expression through an enhancer-blocking regulatory region. Nature Communications, 2021, 12, 6115.	5.8	28
603	Translational Analysis of Moderate to Severe Asthma GWAS Signals Into Candidate Causal Genes and Their Functional, Tissue-Dependent and Disease-Related Associations. Frontiers in Allergy, 2021, 2, 738741.	1.2	3
604	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.	3.6	21
605	Genetics of allergic diseases. Journal of Japan Society of Immunology & Allergology in Otolaryngology, 2012, 30, 15-20.	0.0	0
606	Can Science Explain the Concept of Race?. PsycCritiques, 2012, 57, .	0.0	0
607	Genetic factors of childhood asthma. Nihon Shoni Arerugi Gakkaishi the Japanese Journal of Pediatric Allergy and Clinical Immunology, 2013, 27, 539-547.	0.0	0
609	Clinical and pathobiological heterogeneity of asthmaâ€"Mechanisms of severe and glucocorticoid-resistant asthma. Health, 2013, 05, 344-350.	0.1	0
612	IL-33. Nihon Shoni Arerugi Gakkaishi the Japanese Journal of Pediatric Allergy and Clinical Immunology, 2015, 29, 227-228.	0.0	0
613	Genetics and Epigenetic Regulation in Allergic Diseases. Translational Bioinformatics, 2015, , 49-65.	0.0	0
614	Powerful Tests for Multi-Marker Association Analysis Using Ensemble Learning. PLoS ONE, 2015, 10, e0143489.	1.1	0
617	Personalized Medicine. Respiratory Medicine, 2017, , 149-171.	0.1	0
618	Obstructive Airway Diseases. Respiratory Medicine, 2017, , 113-129.	0.1	2
620	Making progress toward understanding the genetic architecture of asthma in the most affected US ethnic group. European Respiratory Journal, 2017, 49, 1700329.	3.1	0
623	Bronchial Asthma: Is Asthma Inherited?. Respiratory Disease Series, 2018, , 39-56.	0.1	0
624	Overview and challenges of current genetic research on allergic diseases in Korean children. Allergy Asthma & Respiratory Disease, 2018, 6, S77.	0.3	2
625	Genome Wide Association Studies (GWAS) and Their Clinical Applications in Asthma. Translational Bioinformatics, 2018, , 31-44.	0.0	0
629	Relations between obesity and asthma in young adult females. Frontiers in Women's Health, 2019, 4, .	0.1	0

#	Article	IF	Citations
630	Association Between Interleukin-33 Polymorphism and Henoch-SchÃ¶nlein Purpura in Chinese Children. Iranian Journal of Pediatrics, 2019, In Press, .	0.1	1
632	Precision Medicine for All: Minority Health. Respiratory Medicine, 2020, , 395-407.	0.1	0
633	Singleâ€'nucleotide polymorphisms and haplotypes in the interleukinâ€'33 gene are associated with a risk of allergic rhinitis in the Chinese population. Experimental and Therapeutic Medicine, 2020, 20, 1-1.	0.8	3
634	Racial and Ethnic Disparity in Allergic Diseases in the United States: Example of a Large Country with a Diverse Population. , 2020, , 73-96.		0
635	Respiratory Disorders of theÂImmune System and Their Pharmacological Treatment. , 2020, , 99-140.		0
636	Genetics and Pharmacogenetics of Asthma. Respiratory Medicine, 2020, , 25-37.	0.1	1
637	Summary and Future Applications of Precision Medicine in Pulmonary, Critical Care, and Sleep Medicine. Respiratory Medicine, 2020, , 417-428.	0.1	0
642	Interleukin 13 and the evolution of asthma therapy. American Journal of Clinical and Experimental Immunology, 2012, 1, 20-27.	0.2	21
643	Enhancing Electronic Health Record Data with Geospatial Information. AMIA Summits on Translational Science Proceedings, 2017, 2017, 123-132.	0.4	12
644	Disease-Specific Integration of Omics Data to Guide Functional Validation of Genetic Associations. AMIA ... Annual Symposium proceedings, 2017, 2017, 1589-1596.	0.2	6
645	Asthma Prevalence and its Risk Factors Among a Multi-Ethnic Adult Population. Yale Journal of Biology and Medicine, 2021, 94, 417-427.	0.2	0
646	An Overview of Health Disparities in Asthma. Yale Journal of Biology and Medicine, 2021, 94, 497-507.	0.2	5
648	Asthma Mechanisms. , 2021, , .		0
649	Genetics of Asthma and Allergic Diseases. Handbook of Experimental Pharmacology, 2021, 268, 313-329.	0.9	5
650	Airway epithelial dysfunction contributes to the pathogenesis of asthma. Journal of Lung, Pulmonary & Respiratory Research, 2020, 7, 101-105.	0.3	1
651	Genetics and Epigenetics in Allergic Rhinitis. Genes, 2021, 12, 2004.	1.0	32
652	Androgen receptor signaling promotes Treg suppressive function during allergic airway inflammation. Journal of Clinical Investigation, 2022, 132, .	3.9	30
653	Multi-Omics Profiling Approach to Asthma: An Evolving Paradigm. Journal of Personalized Medicine, 2022, 12, 66.	1.1	30

#	Article	IF	Citations
654	Vulnerability to acid reflux of the airway epithelium in severe asthma. European Respiratory Journal, 2022, , 2101634.	3.1	10
655	Microbiome Research and Multi-Omics Integration for Personalized Medicine in Asthma. Journal of Personalized Medicine, 2021, 11, 1299.	1.1	9
656	Asthma Susceptibility Gene ORMDL3 Promotes Autophagy in Human Bronchial Epithelium. American Journal of Respiratory Cell and Molecular Biology, 2022, 66, 661-670.	1.4	6
657	IL1RL1 single nucleotide polymorphisms are associated with asthma in the Iranian population. Monaldi Archives for Chest Disease, 2021, , .	0.3	0
658	Barrier Impairment and Type 2 Inflammation in Allergic Diseases: The Pediatric Perspective. Children, 2021, 8, 1165.	0.6	10
659	Multiomics analysis identifies BIRC3 as a novel glucocorticoid responseâ€“associated gene. Journal of Allergy and Clinical Immunology, 2022, 149, 1981-1991.	1.5	6
671	Epithelial immune regulation of inflammatory airway diseases: Chronic rhinosinusitis with nasal polyps (CRSwNP). Allergologie Select, 2022, 6, 148-166.	1.6	4
672	ILCs and Allergy. Advances in Experimental Medicine and Biology, 2022, 1365, 75-95.	0.8	15
673	From Zero to Fifty: Considerations on Eric Lennebergâ€™s Biological Foundations of Language and Updates. Biolinguistics, 0, 11, 423-444.	0.6	2
674	Interleukin-33 (IL-33): A critical review of its biology and the mechanisms involved in its release as a potent extracellular cytokine. Cytokine, 2022, 156, 155891.	1.4	75
675	Asthma and the Missing Heritability Problem: Necessity for Multiomics Approaches in Determining Accurate Risk Profiles. Frontiers in Immunology, 2022, 13, .	2.2	5
677	Role of thymic stromal lymphopoietin in allergy and beyond. Nature Reviews Immunology, 2023, 23, 24-37.	10.6	54
678	Asthma and allergies in a cohort of adolescents conceived with ART. Reproductive BioMedicine Online, 2022, 45, 1255-1265.	1.1	2
679	The Therapeutic Potential for Targeting Group 2 Innate Lymphoid Cells in Asthma. Frontiers in Immunology, 0, 13, .	2.2	11
680	A pathogenic integrated view explaining the different endotypes of asthma and allergic disorders. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 3267-3292.	2.7	15
681	Editorial comments on: â€œMultiâ€ancestry genomeâ€wide association study of asthma exacerbationsâ€• Pediatric Allergy and Immunology, 2022, 33, .	1.1	0
682	Nanovesicles for the delivery of antibiotics. , 2022, , 371-382.		0
683	Pyrroloquinoline Quinone Administration Alleviates Allergic Airway Inflammation in Mice by Regulating the JAK-STAT Signaling Pathway. Mediators of Inflammation, 2022, 2022, 1-18.	1.4	1

#	Article	IF	Citations
684	The Role of Systems Biology in Deciphering Asthma Heterogeneity. Life, 2022, 12, 1562.	1.1	1
685	IL-33 Induces an Antiviral Signature in Mast Cells but Enhances Their Permissiveness for Human Rhinovirus Infection. Viruses, 2022, 14, 2430.	1.5	2
686	Genetic and epigenetic links to asthma. , 2023, , 173-194.		0
687	Atopic Dermatitis: The Need for a Sub-Saharan Perspective. European Medical Journal Allergy & Immunology, 0, , 58-64.	0.0	0
688	Discerning asthma endotypes through comorbidity mapping. Nature Communications, 2022, 13, .	5.8	8
689	How the Immune System Responds to Allergy Immunotherapy. Biomedicines, 2022, 10, 2825.	1.4	4
690	Multi-ancestry meta-analysis of asthma identifies novel associations and highlights the value of increased power and diversity. Cell Genomics, 2022, 2, 100212.	3.0	16
691	Indian Guidelines for Diagnosis of Respiratory Allergy. The Indian Journal of Chest Diseases & Allied Sciences, 2022, 63, 223-348.	0.1	0
693	Development of an inhaled anti-TSLP therapy for asthma. Pulmonary Pharmacology and Therapeutics, 2023, 78, 102184.	1.1	12
694	A Poisson reduced-rank regression model for association mapping in sequencing data. BMC Bioinformatics, 2022, 23, .	1.2	2
696	Inflammatory and infectious upper respiratory diseases associate with 41 genomic loci and type 2 inflammation. Nature Communications, 2023, 14, .	5.8	1
697	Type 2 cytokine genes as allergic asthma risk factors after viral bronchiolitis in early childhood. Frontiers in Immunology, 0, 13, .	2.2	0
698	Group 2 innate lymphoid cells in human asthma. Allergology International, 2023, 72, 194-200.	1.4	5
699	Targeting interleukin-33 and thymic stromal lymphopoietin pathways for novel pulmonary therapeutics in asthma and COPD. European Respiratory Review, 2023, 32, 220144.	3.0	17
700	Disparities in Asthma Rates Amongst Black Residents of New York City. Journal of Community Health, 0, , .	1.9	0
702	Asthma susceptibility: Learning from genetic diversity. Journal of Allergy and Clinical Immunology, 2023, 151, 904-906.	1.5	1
703	Niosome nanocarrier enhances the ameliorating effects of myrtenol in the lungs of rats with experimental asthma. OpenNano, 2023, 11, 100129.	1.8	12
704	The Legacy of Infectious Disease Exposure on the Genomic Diversity of Indigenous Southern Mexicans. Genome Biology and Evolution, 2023, 15, .	1.1	0

#	Article	IF	Citations
705	Decoding the genetic and epigenetic basis of asthma. Allergy: European Journal of Allergy and Clinical Immunology, 2023, 78, 940-956.	2.7	17
706	TSLP and HMGB1: Inflammatory Targets and Potential Biomarkers for Precision Medicine in Asthma and COPD. Biomedicines, 2023, 11, 437.	1.4	7
708	Transgenerational epigenetic inheritance: Perspectives and challenges. Journal of Allergy and Clinical Immunology, 2023, , .	1.5	3
709	A20 is a master switch of IL-33 signaling in macrophages and determines IL-33â€“induced lung immunity. Journal of Allergy and Clinical Immunology, 2023, 152, 244-256.e4.	1.5	6
710	ILC2 require cell-intrinsic ST2 signals to promote type 2 immune responses. Frontiers in Immunology, 0, 14, .	2.2	4
712	Severe Asthmatic Responses: The Impact of TSLP. International Journal of Molecular Sciences, 2023, 24, 7581.	1.8	4
726	The Influence of Sex Hormones and X Chromosome in Immune Responses. Current Topics in Microbiology and Immunology, 2023, , 21-59.	0.7	0