Gerard H Koppelman

List of Publications by Year
in descending order

373	23,290	8755	14012
papers	citations	77 h-index	133 g-index

434	434	434	29927
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The dilemma of open or doubleâ€blind food challenges in diagnosing food allergy in children: Design of the ALDORADO trial. Pediatric Allergy and Immunology, 2022, 33, .	1.1	6
2	Functional Restoration of CFTR Nonsense Mutations in Intestinal Organoids. Journal of Cystic Fibrosis, 2022, 21, 246-253.	0.3	24
3	Detection of Salivary Tryptase Levels in Children following Oral Food Challenges. International Archives of Allergy and Immunology, 2022, 183, 322-325.	0.9	2
4	Determinants of expression of SARSâ€CoVâ€2 entryâ€related genes in upper and lower airways. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 690-694.	2.7	15
5	Low healthâ€related quality of life is associated with declining home introduction of suspected food allergens. Clinical and Experimental Allergy, 2022, 52, 201-204.	1.4	2
6	Biologic Therapies for Severe Asthma. New England Journal of Medicine, 2022, 386, 157-171.	13.9	268
7	Forskolin-induced organoid swelling is associated with long-term cystic fibrosis disease progression. European Respiratory Journal, 2022, 60, 2100508.	3.1	14
8	The discovAIR project: a roadmap towards the Human Lung Cell Atlas. European Respiratory Journal, 2022, 60, 2102057.	3.1	15
9	Predicting the course of asthma from childhood until early adulthood. Current Opinion in Allergy and Clinical Immunology, 2022, 22, 115-122.	1.1	9
10	Persistence of parentalâ€reported asthma at early ages: AÂlongitudinal twin study. Pediatric Allergy and Immunology, 2022, 33, e13762.	1.1	5
11	Pulmonary Function and Blood DNA Methylation: A Multiancestry Epigenome-Wide Association Meta-analysis. American Journal of Respiratory and Critical Care Medicine, 2022, 206, 321-336.	2.5	15
12	Genetics of early-life head circumference and genetic correlations with neurological, psychiatric and cognitive outcomes. BMC Medical Genomics, 2022, 15, .	0.7	2
13	Cellâ€type <scp>eQTL</scp> deconvolution of bronchial epithelium through integration of singleâ€cell and bulk <scp>RNA</scp>â€seq. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 3663-3666.	2.7	0
14	The association of pure fruit juice, sugar-sweetened beverages and fruit consumption with asthma prevalence in adolescents growing up from 11 to 20Âyears: The PIAMA birth cohort study. Preventive Medicine Reports, 2022, 28, 101877.	0.8	1
15	Ambient ultrafine particles and asthma onset until age 20: The PIAMA birth cohort. Environmental Research, 2022, 214, 113770.	3.7	2
16	A genome-wide association study of severe asthma exacerbations in Latino children and adolescents. European Respiratory Journal, 2021, 57, 2002693.	3.1	15
17	The pharmacokinetics of antibiotics in cystic fibrosis. Expert Opinion on Drug Metabolism and Toxicology, 2021, 17, 53-68.	1.5	34
18	Integration of gene expression and DNA methylation identifies epigenetically controlled modules related to PM2.5 exposure. Environment International, 2021, 146, 106248.	4.8	20

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19	Early-life antibiotic use and risk of attention-deficit hyperactivity disorder and autism spectrumÂdisorder: results of a discordant twinÂstudy. International Journal of Epidemiology, 2021, 50, 475-484.	0.9	20
20	Shared DNA methylation signatures in childhood allergy: The MeDALL study. Journal of Allergy and Clinical Immunology, 2021, 147, 1031-1040.	1.5	24
21	ILâ€1RL1a serum levels and IL1RL1 SNPs in the prediction of food allergy. Clinical and Experimental Allergy, 2021, 51, 614-619.	1.4	5
22	Air pollution and IgE sensitization in 4 European birth cohortsâ€"the MeDALL project. Journal of Allergy and Clinical Immunology, 2021, 147, 713-722.	1.5	30
23	DNA Methylation Levels in Mononuclear Leukocytes from the Mother and Her Child Are Associated with IgE Sensitization to Allergens in Early Life. International Journal of Molecular Sciences, 2021, 22, 801.	1.8	18
24	A widening gap between boys and girls in musculoskeletal complaints, while growing up from age 11 to age 20 â€•the PIAMA birth Cohort study. European Journal of Pain, 2021, 25, 902-912.	1.4	9
25	An update on the epigenetics of asthma. Current Opinion in Allergy and Clinical Immunology, 2021, 21, 175-181.	1.1	8
26	Grandmaternal smoking, asthma and lung function in the offspring: the Lifelines cohort study. Thorax, 2021, 76, 441-447.	2.7	12
27	Exposure to violence, chronic stress, nasal DNA methylation, and atopic asthma in children. Pediatric Pulmonology, 2021, 56, 1896-1905.	1.0	22
28	Early childhood infections and body mass index in adolescence. International Journal of Obesity, 2021, 45, 1143-1151.	1.6	3
29	Genomeâ€wide association studies of exacerbations in children using longâ€acting beta2â€agonists. Pediatric Allergy and Immunology, 2021, 32, 1197-1207.	1.1	13
30	Understanding How Asthma Starts: Longitudinal Patterns of Wheeze and the Chromosome 17q Locus. American Journal of Respiratory and Critical Care Medicine, 2021, 203, 793-795.	2.5	4
31	Green space, air pollution, traffic noise and saliva cortisol in children. Environmental Epidemiology, 2021, 5, e141.	1.4	11
32	Medical algorithm: Periâ€•operative management of mastocytosis patients. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 3233-3235.	2.7	3
33	Asthma, bronchial hyperresponsiveness, allergy and lung function development until early adulthood: A systematic literature review. Pediatric Allergy and Immunology, 2021, 32, 1238-1254.	1.1	28
34	The long-term safety of chronic azithromycin use in adult patients with cystic fibrosis, evaluating biomarkers for renal function, hepatic function and electrical properties of the heart. Expert Opinion on Drug Safety, 2021, 20, 959-963.	1.0	3
35	Biologicals in childhood severe asthma: the European PERMEABLE survey on the status quo. ERJ Open Research, 2021, 7, 00143-2021.	1.1	9
36	Residential PM2.5 exposure and the nasal methylome in children. Environment International, 2021, 153, 106505.	4.8	10

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37	Infant RSV immunoprophylaxis changes nasal epithelial DNA methylation at 6 years of age. Pediatric Pulmonology, 2021, 56, 3822-3831.	1.0	8
38	The central role of IL-33/IL-1RL1 pathway in asthma: From pathogenesis to intervention. , 2021, 225, 107847.		64
39	Genomic and phenotypic insights from an atlas of genetic effects on DNA methylation. Nature Genetics, 2021, 53, 1311-1321.	9.4	218
40	Spirometric phenotypes from early childhood to young adulthood: a Chronic Airway Disease Early Stratification study. ERJ Open Research, 2021, 7, 00457-2021.	1.1	13
41	Epigenome-Wide DNA Methylation and Pesticide Use in the Agricultural Lung Health Study. Environmental Health Perspectives, 2021, 129, 97008.	2.8	20
42	Current Smoking Alters Gene Expression and DNA Methylation in the Nasal Epithelium of Patients with Asthma. American Journal of Respiratory Cell and Molecular Biology, 2021, 65, 366-377.	1.4	10
43	A comparison of associations with childhood lung function between air pollution exposure assessment methods with and without accounting for time-activity patterns. Environmental Research, 2021, 202, 111710.	3.7	5
44	Ultrafine particles, particle components and lung function at age 16Âyears: The PIAMA birth cohort study. Environment International, 2021, 157, 106792.	4.8	9
45	Blood eosinophils associate with reduced lung function growth in adolescent asthmatics. Clinical and Experimental Allergy, 2021, 51, 556-563.	1.4	7
46	Phenotypic and functional translation of IL33 genetics in asthma. Journal of Allergy and Clinical Immunology, 2021, 147, 144-157.	1.5	29
47	Towards diversity in asthma pharmacogenetics. The Lancet Child and Adolescent Health, 2021, 5, 838-839.	2.7	3
48	Headache in girls and boys growing up from age 11 to 20 years: the Prevention and Incidence of Asthma and Mite Allergy birth cohort study. Pain, 2021, 162, 1449-1456.	2.0	3
49	Rare variant analysis in eczema identifies exonic variants in DUSP1, NOTCH4 and SLC9A4. Nature Communications, 2021, 12, 6618.	5.8	17
50	Differential DNA methylation in bronchial biopsies between persistent asthma and asthma in remission. European Respiratory Journal, 2020, 55, 1901280.	3.1	29
51	IL1RL1 gene variations are associated with asthma exacerbations in children and adolescents using inhaled corticosteroids. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 984-989.	2.7	14
52	The genetics of asthma and the promise of genomics-guided drug target discovery. Lancet Respiratory Medicine,the, 2020, 8, 1045-1056.	5.2	98
53	Novel loci for childhood body mass index and shared heritability with adult cardiometabolic traits. PLoS Genetics, 2020, 16, e1008718.	1.5	95
54	House dust endotoxin, asthma and allergic sensitization through childhood into adolescence. Clinical and Experimental Allergy, 2020, 50, 1055-1064.	1.4	9

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55	DNA methylation and body mass index from birth to adolescence: meta-analyses of epigenome-wide association studies. Genome Medicine, 2020, 12, 105.	3.6	41
56	Identifying a nasal gene expression signature associated with hyperinflation and treatment response in severe COPD. Scientific Reports, 2020, 10, 17415.	1.6	2
57	Colistin dry powder inhalation with the Twincerâ„¢: An effective and more patient friendly alternative to nebulization. PLoS ONE, 2020, 15, e0239658.	1.1	11
58	Epigenome-wide association study identifies DNA methylation markers for asthma remission in whole blood and nasal epithelium. Clinical and Translational Allergy, 2020, 10, 60.	1.4	12
59	Air pollution and the development of asthma from birth until young adulthood. European Respiratory Journal, 2020, 56, 2000147.	3.1	48
60	A Novel Role for Bronchial MicroRNAs and Long Noncoding RNAs in Asthma Remission. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 614-618.	2.5	13
61	Epigenome-wide association study of DNA methylation and adult asthma in the Agricultural Lung Health Study. European Respiratory Journal, 2020, 56, 2000217.	3.1	40
62	Clinical effects of the three CFTR potentiator treatments curcumin, genistein and ivacaftor in patients with the CFTR-S1251N gating mutation. Journal of Cystic Fibrosis, 2020, 19, 955-961.	0.3	12
63	Likely questionnaire-diagnosed food allergy in 78, 890 adults from the northern Netherlands. PLoS ONE, 2020, 15, e0231818.	1.1	9
64	Dynamic prediction model to identify young children at high risk of future overweight: Development and internal validation in a cohort study. Pediatric Obesity, 2020, 15, e12647.	1.4	10
65	Early-life antibiotic use and risk of asthma and eczema: results of a discordant twin study. European Respiratory Journal, 2020, 55, 1902021.	3.1	32
66	Epigenome-wide meta-analysis of blood DNA methylation in newborns and children identifies numerous loci related to gestational age. Genome Medicine, 2020, 12, 25.	3.6	81
67	Age-of-onset information helps identify 76 genetic variants associated with allergic disease. PLoS Genetics, 2020, 16, e1008725.	1.5	27
68	On Genetics, Lung Developmental Biology, and Adult Lung Function. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 791-793.	2.5	4
69	Lifelines NEXT: a prospective birth cohort adding the next generation to the three-generation Lifelines cohort study. European Journal of Epidemiology, 2020, 35, 157-168.	2.5	15
70	Nasal DNA methylation profiling of asthma and rhinitis. Journal of Allergy and Clinical Immunology, 2020, 145, 1655-1663.	1.5	56
71	Timing of secondhand smoke, pet, dampness or mould exposure and lung function in adolescence. Thorax, 2020, 75, 153-163.	2.7	9
72	Phenotype consensus is required to enable largeâ€scale genetic consortium studies of food allergy. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 2383-2387.	2.7	5

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73	Cholinergic neuroplasticity in asthma driven by TrkB signaling. FASEB Journal, 2020, 34, 7703-7717.	0.2	17
74	A novel whole blood gene expression signature for asthma, dermatitis, and rhinitis multimorbidity in children and adolescents. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 3248-3260.	2.7	55
75	Maternal Allergy and the Presence of Nonhuman Proteinaceous Molecules in Human Milk. Nutrients, 2020, 12, 1169.	1.7	10
76	Smooth-muscle-derived WNT5A augments allergen-induced airway remodelling and Th2 type inflammation. Scientific Reports, 2020, 10, 6754.	1.6	14
77	Phenotypic and functional translation of IL1RL1 locus polymorphisms in lung tissue and asthmatic airway epithelium. JCI Insight, 2020, 5, .	2.3	26
78	Eradication of Pseudomonas aeruginosa in cystic fibrosis patients with inhalation of dry powder tobramycin. Therapeutic Advances in Respiratory Disease, 2020, 14, 175346662090527.	1.0	8
79	Differences in lung clearance index and functional residual capacity between two commercial multiple-breath nitrogen washout devices in healthy children and adults. ERJ Open Research, 2020, 6, 00247-2019.	1.1	7
80	Genomics and Pharmacogenomics of Severe Childhood Asthma. , 2020, , 313-341.		0
81	Asthma in 9-year-old children of subfertile couples is not associated with in vitro fertilization procedures. European Journal of Pediatrics, 2019, 178, 1493-1499.	1.3	4
82	Role of timing of exposure to pets and dampness or mould on asthma and sensitization in adolescence. Clinical and Experimental Allergy, 2019, 49, 1352-1361.	1.4	10
83	The role of epigenetics in the development of childhood asthma. Expert Review of Clinical Immunology, 2019, 15, 1287-1302.	1.3	39
84	Understanding allergic multimorbidity within the non-eosinophilic interactome. PLoS ONE, 2019, 14, e0224448.	1.1	12
85	Comparison of smoking-related DNA methylation between newborns from prenatal exposure and adults from personal smoking. Epigenomics, 2019, 11, 1487-1500.	1.0	64
86	Epigenome-wide meta-analysis of DNA methylation and childhood asthma. Journal of Allergy and Clinical Immunology, 2019, 143, 2062-2074.	1.5	147
87	A cellular census of human lungs identifies novel cell states in health and in asthma. Nature Medicine, 2019, 25, 1153-1163.	15.2	631
88	Genetic risk scores do not improve asthma prediction in childhood. Journal of Allergy and Clinical Immunology, 2019, 144, 857-860.e7.	1.5	15
89	Prenatal Particulate Air Pollution and DNA Methylation in Newborns: An Epigenome-Wide Meta-Analysis. Environmental Health Perspectives, 2019, 127, 57012.	2.8	111
90	The Human Lung Cell Atlas: A High-Resolution Reference Map of the Human Lung in Health and Disease. American Journal of Respiratory Cell and Molecular Biology, 2019, 61, 31-41.	1.4	178

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91	Improvements in air quality: whose lungs benefit?. European Respiratory Journal, 2019, 53, 1900365.	3.1	1
92	Considerations in the use of different spirometers in epidemiological studies. Environmental Health, 2019, 18, 39.	1.7	13
93	Meta-analysis of epigenome-wide association studies in neonates reveals widespread differential DNA methylation associated with birthweight. Nature Communications, 2019, 10, 1893.	5.8	140
94	Pathway analysis of a genome-wide gene by air pollution interaction study in asthmatic children. Journal of Exposure Science and Environmental Epidemiology, 2019, 29, 539-547.	1.8	13
95	Use of cleaning agents at home and respiratory and allergic symptoms in adolescents: The PIAMA birth cohort study. Environment International, 2019, 128, 63-69.	4.8	10
96	Breastfeeding and cardiometabolic markers at age 12: a population-based birth cohort study. International Journal of Obesity, 2019, 43, 1568-1577.	1.6	10
97	Applying the CAMP trial asthma remission prediction model to the Dutch asthma remission studies. Journal of Allergy and Clinical Immunology, 2019, 143, 1973-1975.	1.5	3
98	Effect of long-term corticosteroid treatment on microRNA and gene-expression profiles in COPD. European Respiratory Journal, 2019, 53, 1801202.	3.1	29
99	Genetic Architectures of Childhood- and Adult-Onset Asthma Are Partly Distinct. American Journal of Human Genetics, 2019, 104, 665-684.	2.6	183
100	The Pediatric Cell Atlas: Defining the Growth Phase of Human Development at Single-Cell Resolution. Developmental Cell, 2019, 49, 10-29.	3.1	57
101	Does breast milk adiponectin affect BMI and cardio-metabolic markers in childhood?. British Journal of Nutrition, 2019, 121, 905-913.	1.2	5
102	Rectal Organoids Enable Personalized Treatment of Cystic Fibrosis. Cell Reports, 2019, 26, 1701-1708.e3.	2.9	214
103	Eliciting dose is associated with tolerance development in peanut and cowâ€™s milk allergic children. Clinical and Translational Allergy, 2019, 9, 58.	1.4	5
104	Precision medicine in childhood asthma. Current Opinion in Allergy and Clinical Immunology, 2019, 19, 141-147.	1.1	13
105	DNA methylation in nasal epithelium, atopy, and atopic asthma in children: a genome-wide study. Lancet Respiratory Medicine,the, 2019, 7, 336-346.	5.2	147
106	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
107	Childhood infections and common carotid intima media thickness in adolescence. Epidemiology and Infection, 2019, 147, e37.	1.0	4
108	The associations of air pollution, traffic noise and green space with overweight throughout childhood: The PIAMA birth cohort study. Environmental Research, 2019, 169, 348-356.	3.7	64

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109	Eleven loci with new reproducible genetic associations with allergic disease risk. Journal of Allergy and Clinical Immunology, 2019, 143, 691-699.	1.5	49
110	Understanding allergic multimorbidity within the non-eosinophilic interactome. , 2019, 14, e0224448.		0
111	Understanding allergic multimorbidity within the non-eosinophilic interactome. , 2019, 14, e0224448.		0
112	Understanding allergic multimorbidity within the non-eosinophilic interactome. , 2019, 14, e0224448.		0
113	Understanding allergic multimorbidity within the non-eosinophilic interactome. , 2019, 14, e0224448.		0
114	DNA methylation in childhood asthma: an epigenome-wide meta-analysis. Lancet Respiratory Medicine,the, 2018, 6, 379-388.	5.2	170
115	Early introduction of complementary foods and childhood overweight in breastfed and formula-fed infants in the Netherlands: the PIAMA birth cohort study. European Journal of Nutrition, 2018, 57, 1985-1993.	1.8	40
116	Association of STAT6 gene variants with food allergy diagnosed by doubleâ€blind placeboâ€controlled food challenges. Allergy: European Journal of Allergy and Clinical Immunology, 2018, 73, 1337-1341.	2.7	24
117	Atopic dermatitis: Interaction between genetic variants of <scp>GSTP</scp>1,<scp>TNF</scp>,<scp>TLR</scp>2, and <scp>TLR</scp>4 and air pollution in early life. Pediatric Allergy and Immunology, 2018, 29, 596-605.	1.1	33
118	Promoting respiratory public health through epigenetics research: an ERS Environment Health Committee workshop report. European Respiratory Journal, 2018, 51, 1702410.	3.1	7
119	Retrospective observational cohort study regarding the effect of breastfeeding on challenge-proven food allergy. European Journal of Clinical Nutrition, 2018, 72, 557-563.	1.3	12
120	Prediction of the severity of allergic reactions to foods. Allergy: European Journal of Allergy and Clinical Immunology, 2018, 73, 1532-1540.	2.7	63
121	A Canadian genome-wide association study and meta-analysis confirm HLA as a risk factor for peanut allergy independent of asthma. Journal of Allergy and Clinical Immunology, 2018, 141, 1513-1516.	1.5	21
122	Drugs during pregnancy and breast feeding in women diagnosed with Cystic Fibrosis - An update. Journal of Cystic Fibrosis, 2018, 17, 17-25.	0.3	26
123	Multiancestry association study identifies new asthma risk loci that colocalize with immune-cell enhancer marks. Nature Genetics, 2018, 50, 42-53.	9.4	426
124	What do we need to transfer pharmacogenetics findings into the clinic?. Pharmacogenomics, 2018, 19, 589-592.	0.6	22
125	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
126	Genetic regulation of IL1RL1 methylation and IL1RL1-a protein levels in asthma. European Respiratory Journal, 2018, 51, 1701377.	3.1	24

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127	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
128	Cohort Profile: Pregnancy And Childhood Epigenetics (PACE) Consortium. International Journal of Epidemiology, 2018, 47, 22-23u.	0.9	105
129	Genome-wide association study and meta-analysis in multiple populations identifies new loci for peanut allergy and establishes C11orf30/EMSY as a genetic risk factor for food allergy. Journal of Allergy and Clinical Immunology, 2018, 141, 991-1001.	1.5	57
130	Identification of atopic dermatitis subgroups in children from 2 longitudinal birth cohorts. Journal of Allergy and Clinical Immunology, 2018, 141, 964-971.	1.5	136
131	Genetic and epigenetic regulation of YKL-40 in childhood. Journal of Allergy and Clinical Immunology, 2018, 141, 1105-1114.	1.5	27
132	Maternal Smoking during Pregnancy and Early Childhood and Development of Asthma and Rhinoconjunctivitis â€“ a MeDALL Project. Environmental Health Perspectives, 2018, 126, 047005.	2.8	48
133	Associations of residential exposure to agricultural pesticides with asthma prevalence in adolescence: The PIAMA birth cohort. Environment International, 2018, 121, 435-442.	4.8	19
134	Response to letters to the editor regarding our paper â€œEarly introduction of complementary foods and childhood overweight in breastfed and formula-fed infants in the Netherlands: the PIAMA birth cohort studyâ€• European Journal of Nutrition, 2018, 57, 1999-2000.	1.8	0
135	Novel genes and insights in complete asthma remission: A genomeâ€wide association study on clinical and complete asthma remission. Clinical and Experimental Allergy, 2018, 48, 1286-1296.	1.4	17
136	Pharmacogenetics of inhaled longâ€acting beta2â€agonists in asthma: A systematic review. Pediatric Allergy and Immunology, 2018, 29, 705-714.	1.1	34
137	Air pollution and airway resistance at age 8Âyears â€“ the PIAMA birth cohort study. Environmental Health, 2018, 17, 61.	1.7	6
138	Air pollution exposure and lung function until age 16 years: the PIAMA birth cohort study. European Respiratory Journal, 2018, 52, 1800218.	3.1	59
139	Greater severity of peanut challenge reactions using a highâ€fat vs lowâ€fat matrix vehicle. Clinical and Experimental Allergy, 2018, 48, 1364-1367.	1.4	5
140	Apolipoprotein B: a possible new biomarker for anaphylaxis. Annals of Allergy, Asthma and Immunology, 2017, 118, 515-516.	0.5	3
141	The need for precision medicine clinical trials in childhood asthma: rationale and design of the PUFFIN trial. Pharmacogenomics, 2017, 18, 393-401.	0.6	19
142	Mechanisms of the Development of Allergy (MeDALL): Introducing novel concepts in allergy phenotypes. Journal of Allergy and Clinical Immunology, 2017, 139, 388-399.	1.5	145
143	Shared genetic variants suggest common pathways in allergy and autoimmune diseases. Journal of Allergy and Clinical Immunology, 2017, 140, 771-781.	1.5	63
144	Data-driven Asthma Phenotypes in Childhood. Does the Environment Hold the Clue?. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 545-546.	2.5	2

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145	Lifetime secondhand smoke exposure and childhood and adolescent asthma: findings from the PIAMA cohort. Environmental Health, 2017, 16, 14.	1.7	12
146	Predictive value of serum sST2 in preschool wheezers for development of asthma with high FeNO. Allergy: European Journal of Allergy and Clinical Immunology, 2017, 72, 1811-1815.	2.7	7
147	Pharmacogenetics of asthma. Current Opinion in Pulmonary Medicine, 2017, 23, 12-20.	1.2	27
148	Increased risk of asthma in overweight children born large for gestational age. Clinical and Experimental Allergy, 2017, 47, 1050-1056.	1.4	6
149	Childhood factors associated with complete and clinical asthma remissionÂat 25 and 49â€...years. European Respiratory Journal, 2017, 49, 1601974.	3.1	19
150	Respiratory function after esophageal replacement in children. Journal of Pediatric Surgery, 2017, 52, 1736-1741.	0.8	13
151	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
152	Asthma diagnosis in a child and cessation of smoking in the childâ€™s home: the PIAMA birth cohort. Journal of Exposure Science and Environmental Epidemiology, 2017, 27, 521-525.	1.8	4
153	Shared genetic origin of asthma, hay fever and eczema elucidates allergic disease biology. Nature Genetics, 2017, 49, 1752-1757.	9.4	432
154	Maternal BMI at the start of pregnancy and offspring epigenome-wide DNA methylation: findings from the pregnancy and childhood epigenetics (PACE) consortium. Human Molecular Genetics, 2017, 26, 4067-4085.	1.4	211
155	Joint Association of Long-term Exposure to Both O3 and NO2 with Childrenâ€™s Respiratory Health. Epidemiology, 2017, 28, e7-e9.	1.2	3
156	Rationale and design of the multiethnic Pharmacogenomics in Childhood Asthma consortium. Pharmacogenomics, 2017, 18, 931-943.	0.6	30
157	<scp>TRPA</scp>1 gene polymorphisms and childhood asthma. Pediatric Allergy and Immunology, 2017, 28, 191-198.	1.1	41
158	Concerns with beta2-agonists in pediatric asthma - a clinical perspective. Paediatric Respiratory Reviews, 2017, 21, 80-85.	1.2	8
159	Building bridges for innovation in ageing: Synergies between action groups of the EIP on AHA. Journal of Nutrition, Health and Aging, 2017, 21, 92-104.	1.5	47
160	<scp>PTTG</scp>1<scp>IP</scp> and <scp>MAML</scp>3, novel genomewide association study genes for severity of hyperresponsiveness in adult asthma. Allergy: European Journal of Allergy and Clinical Immunology, 2017, 72, 792-801.	2.7	12
161	Airway and peripheral urokinase plasminogen activator receptor is elevated in asthma, and identifies a severe, nonatopic subset of patients. Allergy: European Journal of Allergy and Clinical Immunology, 2017, 72, 473-482.	2.7	18
162	The emerging landscape of dynamic DNA methylation in early childhood. BMC Genomics, 2017, 18, 25.	1.2	49

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163	Adult onset asthma and interaction between genes and active tobacco smoking: The GABRIEL consortium. PLoS ONE, 2017, 12, e0172716.	1.1	25
164	Computational analysis of multimorbidity between asthma, eczema and rhinitis. PLoS ONE, 2017, 12, e0179125.	1.1	33
165	Epigenome-Wide Meta-Analysis of Methylation in Children Related to Prenatal NO ₂ Air Pollution Exposure. Environmental Health Perspectives, 2017, 125, 104-110.	2.8	176
166	A rare IL33 loss-of-function mutation reduces blood eosinophil counts and protects from asthma. PLoS Genetics, 2017, 13, e1006659.	1.5	126
167	Health-Related Factors Associated with Discrepancies between Childrenâ€™s Potential and Attained Secondary School Level: A Longitudinal Study. PLoS ONE, 2016, 11, e0168110.	1.1	4
168	Residential greenness is differentially associated with childhood allergic rhinitis and aeroallergen sensitization in seven birth cohorts. Allergy: European Journal of Allergy and Clinical Immunology, 2016, 71, 1461-1471.	2.7	106
169	Genetics and Genomics of Longitudinal Lung Function Patterns in Individuals with Asthma. American Journal of Respiratory and Critical Care Medicine, 2016, 194, 1465-1474.	2.5	20
170	Urokinase plasminogen activator receptor polymorphisms and airway remodelling in asthma. European Respiratory Journal, 2016, 47, 1568-1571.	3.1	7
171	Contact dermatitis in the construction industry: the role of filaggrin loss-of-function mutations. British Journal of Dermatology, 2016, 174, 348-355.	1.4	30
172	The challenge of measuring <scp>IL</scp>â€33 in serum using commercial <scp>ELISA</scp>: lessons from asthma. Clinical and Experimental Allergy, 2016, 46, 884-887.	1.4	31
173	ARIA 2016: Care pathways implementing emerging technologies for predictive medicine in rhinitis and asthma across the life cycle. Clinical and Translational Allergy, 2016, 6, 47.	1.4	121
174	DNA Methylation in Newborns and Maternal Smoking in Pregnancy: Genome-wide Consortium Meta-analysis. American Journal of Human Genetics, 2016, 98, 680-696.	2.6	717
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