H Bisgaard

List of Publications by Year
in descending order

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		2963	4203
475	38,819	93	174
papers	citations	h-index	g-index

501	501	501	31994
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Common loss-of-function variants of the epidermal barrier protein filaggrin are a major predisposing factor for atopic dermatitis. Nature Genetics, 2006, 38, 441-446.	9.4	2,584
2	Genome-wide association study identifies 74 loci associated with educational attainment. Nature, 2016, 533, 539-542.	13.7	1,204
3	An Official American Thoracic Society/European Respiratory Society Statement: Pulmonary Function Testing in Preschool Children. American Journal of Respiratory and Critical Care Medicine, 2007, 175, 1304-1345.	2.5	1,033
4	Childhood Asthma after Bacterial Colonization of the Airway in Neonates. New England Journal of Medicine, 2007, 357, 1487-1495.	13.9	878
5	Definition, assessment and treatment of wheezing disorders in preschool children: an evidence-based approach. European Respiratory Journal, 2008, 32, 1096-1110.	3.1	713
6	Large-scale association analyses identify host factors influencing human gut microbiome composition. Nature Genetics, 2021, 53, 156-165.	9.4	676
7	Reduced diversity of the intestinal microbiota during infancy is associated with increased risk of allergic disease at school age. Journal of Allergy and Clinical Immunology, 2011, 128, 646-652.e5.	1.5	628
8	Budesonide/Formoterol Combination Therapy as Both Maintenance and Reliever Medication in Asthma. American Journal of Respiratory and Critical Care Medicine, 2005, 171, 129-136.	2.5	593
9	Multi-ancestry genome-wide association study of 21,000 cases and 95,000 controls identifies new risk loci for atopic dermatitis. Nature Genetics, 2015, 47, 1449-1456.	9.4	529
10	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
11	Intermittent Inhaled Corticosteroids in Infants with Episodic Wheezing. New England Journal of Medicine, 2006, 354, 1998-2005.	13.9	492
12	Rhinovirus Wheezing Illness and Genetic Risk of Childhood-Onset Asthma. New England Journal of Medicine, 2013, 368, 1398-1407.	13.9	449
13	Clinical and inflammatory characteristics of the European U-BIOPRED adult severe asthma cohort. European Respiratory Journal, 2015, 46, 1308-1321.	3.1	434
14	Multiancestry association study identifies new asthma risk loci that colocalize with immune-cell enhancer marks. Nature Genetics, 2018, 50, 42-53.	9.4	426
15	Genome-wide associations for birth weight and correlations with adult disease. Nature, 2016, 538, 248-252.	13.7	406
16	Maternal and fetal genetic effects on birth weight and their relevance to cardio-metabolic risk factors. Nature Genetics, 2019, 51, 804-814.	9.4	402
17	Cesarean Section and Chronic Immune Disorders. Pediatrics, 2015, 135, e92-e98.	1.0	395
18	Maturation of the gut microbiome and risk of asthma in childhood. Nature Communications, 2018, 9, 141.	5.8	380

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19	Fish Oilâ€"Derived Fatty Acids in Pregnancy and Wheeze and Asthma in Offspring. New England Journal of Medicine, 2016, 375, 2530-2539.	13.9	367
20	A genome-wide association meta-analysis identifies new childhood obesity loci. Nature Genetics, 2012, 44, 526-531.	9.4	352
21	The trans-ancestral genomic architecture of glycemic traits. Nature Genetics, 2021, 53, 840-860.	9.4	341
22	Measurements of exhaled nitric oxide in healthy subjects age 4 to 17 years. Journal of Allergy and Clinical Immunology, 2005, 115, 1130-1136.	1.5	339
23	Montelukast Reduces Asthma Exacerbations in 2- to 5-Year-Old Children with Intermittent Asthma. American Journal of Respiratory and Critical Care Medicine, 2005, 171, 315-322.	2.5	325
24	Montelukast, a Leukotriene Receptor Antagonist, for the Treatment of Persistent Asthma in Children Aged 2 to 5 Years. Pediatrics, 2001, 108, e48-e48.	1.0	317
25	Meta-analysis of genome-wide association studies identifies three new risk loci for atopic dermatitis. Nature Genetics, 2012, 44, 187-192.	9.4	311
26	Variants ofDENND1BAssociated with Asthma in Children. New England Journal of Medicine, 2010, 362, 36-44.	13.9	306
27	Measurement of exhaled nitric oxide in children, 2001: E. Baraldi and J.C. de Jongste on behalf of the Task Force. European Respiratory Journal, 2002, 20, 223-237.	3.1	303
28	New loci associated with birth weight identify genetic links between intrauterine growth and adult height and metabolism. Nature Genetics, 2013, 45, 76-82.	9.4	293
29	Preterm birth, infant weight gain, and childhood asthma risk: AÂmeta-analysis of 147,000 European children. Journal of Allergy and Clinical Immunology, 2014, 133, 1317-1329.	1.5	285
30	Genome-wide analysis identifies 12 loci influencing human reproductive behavior. Nature Genetics, 2016, 48, 1462-1472.	9.4	284
31	Association of bacteria and viruses with wheezy episodes in young children: prospective birth cohort study. BMJ: British Medical Journal, 2010, 341, c4978-c4978.	2.4	281
32	Genome-wide association analysis identifies three new susceptibility loci for childhood body mass index. Human Molecular Genetics, 2016, 25, 389-403.	1.4	275
33	Effect of Vitamin D₃Supplementation During Pregnancy on Risk of Persistent Wheeze in the Offspring. JAMA - Journal of the American Medical Association, 2016, 315, 353.	3.8	260
34	Life-Course Genome-wide Association Study Meta-analysis of Total Body BMD and Assessment of Age-Specific Effects. American Journal of Human Genetics, 2018, 102, 88-102.	2.6	252
35	Lung function measurement in awake young children. European Respiratory Journal, 1995, 8, 2067-2075.	3.1	246
36	Interaction between Asthma and Lung Function Growth in Early Life. American Journal of Respiratory and Critical Care Medicine, 2012, 185, 1183-1189.	2.5	244

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37	Longitudinal study of lung function in a cohort of primary ciliary dyskinesia. European Respiratory Journal, 1997, 10, 2376-2379.	3.1	241
38	NO in Exhaled Air of Asthmatic Children Is Reduced by the Leukotriene Receptor Antagonist Montelukast. American Journal of Respiratory and Critical Care Medicine, 1999, 160, 1227-1231.	2.5	239
39	Prevalence of asthma-like symptoms in young children. Pediatric Pulmonology, 2007, 42, 723-728.	1.0	237
40	A Randomized Trial of Montelukast in Respiratory Syncytial Virus Postbronchiolitis. American Journal of Respiratory and Critical Care Medicine, 2003, 167, 379-383.	2.5	236
41	U-BIOPRED clinical adult asthma clusters linked to a subset of sputum omics. Journal of Allergy and Clinical Immunology, 2017, 139, 1797-1807.	1.5	236
42	The gut microbiota and inflammatory noncommunicable diseases: Associations and potentials for gut microbiota therapies. Journal of Allergy and Clinical Immunology, 2015, 135, 3-13.	1.5	232
43	Budesonide/Formoterol Maintenance Plus Reliever Therapy. Chest, 2006, 130, 1733-1743.	0.4	230
44	Bioadhesive microspheres as a potential nasal drug delivery system. International Journal of Pharmaceutics, 1987, 39, 189-199.	2.6	226
45	Meta-analysis of genome-wide association studies identifies ten loci influencing allergic sensitization. Nature Genetics, 2013, 45, 902-906.	9.4	221
46	Genetic Evidence for Causal Relationships Between Maternal Obesity-Related Traits and Birth Weight. JAMA - Journal of the American Medical Association, 2016, 315, 1129.	3.8	220
47	Gene-Environment Interaction in the Onset of Eczema in Infancy: Filaggrin Loss-of-Function Mutations Enhanced by Neonatal Cat Exposure. PLoS Medicine, 2008, 5, e131.	3.9	215
48	Polygenic prediction of educational attainment within and between families from genome-wide association analyses in 3 million individuals. Nature Genetics, 2022, 54, 437-449.	9.4	215
49	Use of Antibiotics during Pregnancy Increases the Risk of Asthma in Early Childhood. Journal of Pediatrics, 2013, 162, 832-838.e3.	0.9	210
50	Discriminative Capacity of Bronchodilator Response Measured with Three Different Lung Function Techniques in Asthmatic and Healthy Children Aged 2 to 5 Years. American Journal of Respiratory and Critical Care Medicine, 2001, 164, 554-559.	2.5	197
51	Chromosome 17q21 Gene Variants Are Associated with Asthma and Exacerbations but Not Atopy in Early Childhood. American Journal of Respiratory and Critical Care Medicine, 2009, 179, 179-185.	2.5	196
52	Montelukast and fluticasone compared with salmeterol and fluticasone in protecting against asthma exacerbation in adults: one year, double blind, randomised, comparative trial. BMJ: British Medical Journal, 2003, 327, 891-0.	2.4	190
53	Genome-wide association and longitudinal analyses reveal genetic loci linking pubertal height growth, pubertal timing and childhood adiposity. Human Molecular Genetics, 2013, 22, 2735-2747.	1.4	188
54	The burden of severe asthma in childhood and adolescence: results from the paediatric U-BIOPRED cohorts. European Respiratory Journal, 2015, 46, 1322-1333.	3.1	179

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55	The Copenhagen Prospective Study on Asthma in Childhood (COPSAC): design, rationale, and baseline data from a longitudinal birth cohort study. Annals of Allergy, Asthma and Immunology, 2004, 93, 381-389.	0.5	176
56	Directional dominance on stature and cognition inÂdiverse human populations. Nature, 2015, 523, 459-462.	13.7	173
57	The Effect of Inhaled Fluticasone Propionate in the Treatment of Young Asthmatic Children. American Journal of Respiratory and Critical Care Medicine, 1999, 160, 126-131.	2.5	170
58	Inhaled budesonide for treatment of recurrent wheezing in early childhood. Lancet, The, 1990, 336, 649-651.	6.3	169
59	Specific airway resistance, interrupter resistance, and respiratory impedance in healthy children aged 2â€“7 years. , 1998, 25, 322-331.		168
60	Exploring the Association between Severe Respiratory Syncytial Virus Infection and Asthma. American Journal of Respiratory and Critical Care Medicine, 2009, 179, 1091-1097.	2.5	162
61	The Effect of Inhaled Budesonide on Symptoms, Lung Function, and Cold Air and Methacholine Responsiveness in 2- to 5-yearâ€“old Asthmatic Children. American Journal of Respiratory and Critical Care Medicine, 2000, 162, 1500-1506.	2.5	161
62	Measurement of lung function in awake 2â€“4-year-old asthmatic children during methacholine challenge and acute asthma: A comparison of the impulse oscillation technique, the interrupter technique, and transcutaneous measurement of oxygen versus whole-body plethysmography. , 1996, 21, 290-300.		160
63	Effect of leukotriene D4 on nasal mucosal blood flow, nasal airway resistance and nasal secretion in humans. Clinical and Experimental Allergy, 1986, 16, 289-297.	1.4	159
64	Prenatal vitamin D supplementation reduces risk of asthma/recurrent wheeze in early childhood: A combined analysis of two randomized controlled trials. PLoS ONE, 2017, 12, e0186657.	1.1	158
65	Genome-wide association study of offspring birth weight in 86â€‰577 women identifies five novel loci and highlights maternal genetic effects that are independent of fetal genetics. Human Molecular Genetics, 2018, 27, 742-756.	1.4	156
66	Cesarean section changes neonatal gut colonization. Journal of Allergy and Clinical Immunology, 2016, 138, 881-889.e2.	1.5	154
67	Early growth characteristics and the risk of reduced lung function and asthma: AÂmeta-analysis of 25,000 children. Journal of Allergy and Clinical Immunology, 2016, 137, 1026-1035.	1.5	154
68	Coarse and fine particles but not ultrafine particles in urban air trigger hospital admission for asthma in children. Thorax, 2012, 67, 252-257.	2.7	149
69	Azithromycin for episodes with asthma-like symptoms in young children aged 1â€“3 years: a randomised, double-blind, placebo-controlled trial. Lancet Respiratory Medicine,the, 2016, 4, 19-26.	5.2	148
70	Long-term studies of the natural history of asthma in childhood. Journal of Allergy and Clinical Immunology, 2010, 126, 187-197.	1.5	147
71	Deep phenotyping of the unselected <scp>COPSAC</scp>₂₀₁₀ birth cohort study. Clinical and Experimental Allergy, 2013, 43, 1384-1394.	1.4	145
72	Increased Risk of Pneumonia and Bronchiolitis after Bacterial Colonization of the Airways as Neonates. American Journal of Respiratory and Critical Care Medicine, 2013, 188, 1246-1252.	2.5	144

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73	Epithelial IL-6 trans-signaling defines a new asthma phenotype with increased airway inflammation. Journal of Allergy and Clinical Immunology, 2019, 143, 577-590.	1.5	140
74	Large-scale benchmarking reveals false discoveries and count transformation sensitivity in 16S rRNA gene amplicon data analysis methods used in microbiome studies. Microbiome, 2016, 4, 62.	4.9	138
75	Twelve-Month Safety and Efficacy of Inhaled Fluticasone Propionate in Children Aged 1 to 3 Years With Recurrent Wheezing. Pediatrics, 2004, 113, e87-e94.	1.0	136
76	Study of Montelukast for the Treatment of Respiratory Symptoms of Postâ€“Respiratory Syncytial Virus Bronchiolitis in Children. American Journal of Respiratory and Critical Care Medicine, 2008, 178, 854-860.	2.5	134
77	Common variants at 12q15 and 12q24 are associated with infant head circumference. Nature Genetics, 2012, 44, 532-538.	9.4	130
78	A rare IL33 loss-of-function mutation reduces blood eosinophil counts and protects from asthma. PLoS Genetics, 2017, 13, e1006659.	1.5	126
79	Pathogenic Bacteria Colonizing the Airways in Asymptomatic Neonates Stimulates Topical Inflammatory Mediator Release. American Journal of Respiratory and Critical Care Medicine, 2013, 187, 589-595.	2.5	124
80	Adrenal function in children with bronchial asthma treated with beclomethasone dipropionate or budesonide. Journal of Allergy and Clinical Immunology, 1988, 81, 1088-1095.	1.5	122
81	Long-acting ?2-agonists in management of childhood asthma: A critical review of the literature. , 2000, 29, 221-234.		122
82	Association between respiratory infections in early life and later asthma is independent of virus type. Journal of Allergy and Clinical Immunology, 2015, 136, 81-86.e4.	1.5	121
83	The causal direction in the association between respiratory syncytial virus hospitalization and asthma. Journal of Allergy and Clinical Immunology, 2009, 123, 131-137.e1.	1.5	113
84	The effect of leucotriene C4 and D4 on cutaneous blood flow in humans. Prostaglandins, 1982, 23, 797-801.	1.2	110
85	Genetic variants linked to education predict longevity. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 13366-13371.	3.3	110
86	Maternal vaginal microflora during pregnancy and the risk of asthma hospitalization and use of antiasthma medication in early childhood. Journal of Allergy and Clinical Immunology, 2002, 110, 72-77.	1.5	109
87	A novel common variant in DCST2 is associated with length in early life and height in adulthood. Human Molecular Genetics, 2015, 24, 1155-1168.	1.4	109
88	Antibiotic use during pregnancy alters the commensal vaginal microbiota. Clinical Microbiology and Infection, 2014, 20, 629-635.	2.8	108
89	Bronchoprotection with a Leukotriene Receptor Antagonist in Asthmatic Preschool Children. American Journal of Respiratory and Critical Care Medicine, 2000, 162, 187-190.	2.5	107
90	Genome-wide association and HLA fine-mapping studies identify risk loci and genetic pathways underlying allergic rhinitis. Nature Genetics, 2018, 50, 1072-1080.	9.4	106

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91	Pathway discovery using transcriptomic profiles in adult-onset severe asthma. Journal of Allergy and Clinical Immunology, 2018, 141, 1280-1290.	1.5	105
92	A non-electrostatic spacer for aerosol delivery.. Archives of Disease in Childhood, 1995, 73, 226-230.	1.0	104
93	Effect of long-acting ?2 agonists on exacerbation rates of asthma in children. Pediatric Pulmonology, 2003, 36, 391-398.	1.0	103
94	Fine particle mass from the Diskus inhaler and Turbuhaler inhaler in children with asthma. European Respiratory Journal, 1998, 11, 1111-1115.	3.1	102
95	Development of Atopic Dermatitis During the First 3 Years of Life. Archives of Dermatology, 2006, 142, 561-6.	1.7	100
96	Lung Function Response to Cold Air Challenge in Asthmatic and Healthy Children of 2â€“5 Years of Age. American Journal of Respiratory and Critical Care Medicine, 2000, 161, 1805-1809.	2.5	98
97	Serial Lung Function and Responsiveness in Cystic Fibrosis during Early Childhood. American Journal of Respiratory and Critical Care Medicine, 2004, 169, 1209-1216.	2.5	98
98	Plethysmographic Measurements of Specific Airway Resistance in Young Children. Chest, 2005, 128, 355-362.	0.4	98
99	The Brussels Declaration: the need for change in asthma management. European Respiratory Journal, 2008, 32, 1433-1442.	3.1	96
100	Children with allergic and nonallergic rhinitis have a similar risk of asthma. Journal of Allergy and Clinical Immunology, 2010, 126, 567-573.e8.	1.5	95
101	Novel loci for childhood body mass index and shared heritability with adult cardiometabolic traits. PLoS Genetics, 2020, 16, e1008718.	1.5	95
102	Allergen-induced increase of eosinophil cationic protein in nasal lavage fluid: Effect of the glucocorticoid budesonide. Journal of Allergy and Clinical Immunology, 1990, 85, 891-895.	1.5	92
103	Delivery of Inhaled Medication to Children. Journal of Asthma, 1997, 34, 443-467.	0.9	92
104	Prevalence and Predictors of Antibiotic Administration during Pregnancy and Birth. PLoS ONE, 2013, 8, e82932.	1.1	92
105	Maternal propensity for infections and risk of childhood asthma: a registry-based cohort study. Lancet Respiratory Medicine,the, 2014, 2, 631-637.	5.2	92
106	Infant airway microbiota and topical immune perturbations in the origins of childhood asthma. Nature Communications, 2019, 10, 5001.	5.8	92
107	Delivery mode and gut microbial changes correlate with an increased risk of childhood asthma. Science Translational Medicine, 2020, 12, .	5.8	92
108	ORMDL3 variants associated with asthma susceptibility in North Americans of European ancestry. Journal of Allergy and Clinical Immunology, 2008, 122, 1225-1227.	1.5	89

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109	Cord Blood 25(OH)-Vitamin D Deficiency and Childhood Asthma, Allergy and Eczema: The COPSAC2000 Birth Cohort Study. PLoS ONE, 2014, 9, e99856.	1.1	88
110	Daily home measurements of exhaled nitric oxide in asthmatic children during natural birch pollen exposure. Journal of Allergy and Clinical Immunology, 2006, 117, 1272-1276.	1.5	87
111	GWAS on longitudinal growth traits reveals different genetic factors influencing infant, child, and adult BMI. Science Advances, 2019, 5, eaaw3095.	4.7	86
112	Response of preschool children with asthma symptoms to fluticasone propionate. Journal of Allergy and Clinical Immunology, 2001, 108, 540-546.	1.5	85
113	Leukotriene Modifiers in Pediatric Asthma Management. Pediatrics, 2001, 107, 381-390.	1.0	85
114	Ambient air pollution triggers wheezing symptoms in infants. Thorax, 2008, 63, 710-716.	2.7	85
115	Sensitization does not develop in utero. Journal of Allergy and Clinical Immunology, 2008, 121, 646-651.	1.5	84
116	Children with asthma by school age display aberrant immune responses to pathogenic airway bacteria as infants. Journal of Allergy and Clinical Immunology, 2014, 133, 1008-1013.e4.	1.5	83
117	Flow-dependent effect of formoterol dry-powder inhaled from the Aerolizerfi. European Respiratory Journal, 1997, 10, 2105-2109.	3.1	82
118	Lung Deposition of Inhaled Drugs Increases with Age. American Journal of Respiratory and Critical Care Medicine, 2000, 162, 1819-1822.	2.5	82
119	Risk analysis of early childhood eczema. Journal of Allergy and Clinical Immunology, 2009, 123, 1355-1360.e5.	1.5	82
120	Bivariate genome-wide association meta-analysis of pediatric musculoskeletal traits reveals pleiotropic effects at the SREBF1/TOM1L2 locus. Nature Communications, 2017, 8, 121.	5.8	82
121	Cadherin-related Family Member 3 Genetics and Rhinovirus C Respiratory Illnesses. American Journal of Respiratory and Critical Care Medicine, 2018, 197, 589-594.	2.5	80
122	IL-17â€“high asthma with features of a psoriasis immunophenotype. Journal of Allergy and Clinical Immunology, 2019, 144, 1198-1213.	1.5	80
123	Pathophysiology of the cysteinyl leukotrienes and effects of leukotriene receptor antagonists in asthma. Allergy: European Journal of Allergy and Clinical Immunology, 2001, 56, 7-11.	2.7	80
124	Robustness of genome-wide scanning using archived dried blood spot samples as a DNA source. BMC Genetics, 2011, 12, 58.	2.7	79
125	Controlled Trial of Inhaled Budesonide in Patients with Cystic Fibrosis and Chronic Bronchopulmonary Pseudomonas aeruginosa Infection. American Journal of Respiratory and Critical Care Medicine, 1997, 156, 1190-1196.	2.5	78
126	Disagreement between skin prick test and specific IgE inÂyoung children. Allergy: European Journal of Allergy and Clinical Immunology, 2015, 70, 41-48.	2.7	78

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127	Increased risk of eczema but reduced risk of early wheezy disorder from exclusive breast-feeding in high-risk infants. Journal of Allergy and Clinical Immunology, 2010, 125, 866-871.	1.5	77
128	Amplicon sequencing provides more accurate microbiome information in healthy children compared to culturing. Communications Biology, 2019, 2, 291.	2.0	77
129	Bronchial hyperreactivity to leucotriene D4 and histamine in exogenous asthma.. BMJ: British Medical Journal, 1985, 290, 1468-1471.	2.4	76
130	Skin barrier abnormality caused by filaggrin (FLG) mutations is associated with increased serum 25-hydroxyvitamin D concentrations. Journal of Allergy and Clinical Immunology, 2012, 130, 1204-1207.e2.	1.5	76
131	A trans-ancestral meta-analysis of genome-wide association studies reveals loci associated with childhood obesity. Human Molecular Genetics, 2019, 28, 3327-3338.	1.4	76
132	In utero exposure to 25-hydroxyvitamin D and risk of childhood asthma, wheeze, and respiratory tract infections: AÂmeta-analysis of birth cohort studies. Journal of Allergy and Clinical Immunology, 2017, 139, 1508-1517.	1.5	75
133	Measurement of the specific airway resistance by plethysmography in young children accompanied by an adult. European Respiratory Journal, 1997, 10, 1599-1605.	3.1	74
134	Endotyping early childhood asthma by quantitative symptom assessment. Journal of Allergy and Clinical Immunology, 2011, 127, 1155-1164.e2.	1.5	73
135	Filaggrin null alleles are not associated with hand eczema or contact allergy. British Journal of Dermatology, 2007, 157, 1199-1204.	1.4	72
136	Safety and tolerability of montelukast in placeboâ€controlled pediatric studies and their openâ€label extensions. Pediatric Pulmonology, 2009, 44, 568-579.	1.0	71
137	Production of Leukotrienes in Human Skin and Conjunctival Mucosa after Specific Allergen Challenge. Allergy: European Journal of Allergy and Clinical Immunology, 1985, 40, 417-423.	2.7	70
138	Increased Concordance of Severe Respiratory Syncytial Virus Infection in Identical Twins. Pediatrics, 2008, 121, 493-496.	1.0	70
139	FeNO Measured at Fixed Exhalation Flow Rate during Controlled Tidal Breathing in Children from the Age of 2 Yr. American Journal of Respiratory and Critical Care Medicine, 2001, 163, 699-704.	2.5	69
140	Prenatal determinants of neonatal lung function in high-risk newborns. Journal of Allergy and Clinical Immunology, 2009, 123, 651-657.e4.	1.5	69
141	Clinical effect of Diskus^{â„¢} dry-powder inhaler at low and high inspiratory flow-rates in asthmatic children. European Respiratory Journal, 1998, 11, 350-354.	3.1	68
142	17q12-21 variants interact with smoke exposure as a risk factor for pediatric asthma but are equally associated with early-onset versus late-onset asthma in North Americans of European ancestry. Journal of Allergy and Clinical Immunology, 2009, 124, 605-607.	1.5	68
143	Exhaled Nitric Oxide Predicts Exercise-Induced Bronchoconstriction in Asthmatic School Children. Chest, 2005, 128, 1964-1967.	0.4	67
144	Birth weight and risk of asthma in 3-9-year-old twins: exploring the fetal origins hypothesis. Thorax, 2010, 65, 146-149.	2.7	67

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145	Clinical Presentation of Atopic Dermatitis by Filaggrin Gene Mutation Status during the First 7 Years of Life in a Prospective Cohort Study. PLoS ONE, 2012, 7, e48678.	1.1	66
146	Variations in Pediatric Asthma Hospitalization Rates and Costs Between and Within Nordic Countries. Chest, 2004, 125, 1680-1684A.	0.4	65
147	Allergic rhinitis is associated with otitis media with effusion: a birth cohort study. Clinical and Experimental Allergy, 2012, 42, 1615-1620.	1.4	65
148	Neonatal bronchial hyperresponsiveness precedes acute severe viral bronchiolitis in infants. Journal of Allergy and Clinical Immunology, 2012, 130, 354-361.e3.	1.5	65
149	The infant gut resistome associates withÂE. coli, environmental exposures, gut microbiome maturity, and asthma-associated bacterial composition. Cell Host and Microbe, 2021, 29, 975-987.e4.	5.1	64
150	A novel method for assessing unchallenged levels of mediators in nasal epithelial lining fluid. Journal of Allergy and Clinical Immunology, 2010, 125, 1387-1389.e3.	1.5	63
151	Shared genetic variants suggest common pathways in allergy and autoimmune diseases. Journal of Allergy and Clinical Immunology, 2017, 140, 771-781.	1.5	63
152	Systemic activity of inhaled topical steroid in toddlers studied by knemometry. Acta Paediatrica, International Journal of Paediatrics, 1993, 82, 1066-1071.	0.7	62
153	Safety and efficacy of tiotropium in children aged 1â€“5 years with persistent asthmatic symptoms: a randomised, double-blind, placebo-controlled trial. Lancet Respiratory Medicine,the, 2018, 6, 127-137.	5.2	62
154	Leukotriene B4 produces hyperalgesia in humans. Prostaglandins, 1985, 30, 791-797.	1.2	61
155	Risk Factors for Wheezing during Infancy A Study of 5953 Infants. Acta Paediatrica, International Journal of Paediatrics, 1987, 76, 719-726.	0.7	60
156	Preeclampsia Associates with Asthma, Allergy, and Eczema in Childhood. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 614-621.	2.5	60
157	Epidemiology and Risk Factors of Infection in Early Childhood. Pediatrics, 2018, 141, .	1.0	60
158	SRS-A leukotrienes decrease the activity of human respiratory cilia. Clinical and Experimental Allergy, 1987, 17, 95-103.	1.4	59
159	Long-acting Î²2 agonists and paediatric asthma. Lancet, The, 2006, 367, 286-288.	6.3	59
160	Virulent coliphages in 1-year-old children fecal samples are fewer, but more infectious than temperate coliphages. Nature Communications, 2020, 11, 378.	5.8	59
161	Risk of Asthma from Cesarean Delivery Depends on Membrane Rupture. Journal of Pediatrics, 2016, 171, 38-42.e4.	0.9	58
162	Short- and long-term impacts of azithromycin treatment on the gut microbiota in children: A double-blind, randomized, placebo-controlled trial. EBioMedicine, 2018, 38, 265-272.	2.7	58

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163	Effect of electrostatic charge in plastic spacers on the lung delivery of HFAâ€salbutamol in children. British Journal of Clinical Pharmacology, 1999, 47, 333-336.	1.1	57
164	Association between allergic rhinitis and hospital resource use among asthmatic children in Norway. Allergy: European Journal of Allergy and Clinical Immunology, 2005, 60, 338-342.	2.7	57
165	Neonatal Cytokine Profile in the Airway Mucosal Lining Fluid Is Skewed by Maternal Atopy. American Journal of Respiratory and Critical Care Medicine, 2012, 185, 275-280.	2.5	57
166	<I>In vitro</I> performance of three combinations of spacers and pressurized metered dose inhalers for treatment in children. European Respiratory Journal, 1998, 12, 472-476.	3.1	55
167	Role of leukotrienes in asthma pathophysiology. Pediatric Pulmonology, 2000, 30, 166-176.	1.0	54
168	Urbanized microbiota in infants, immune constitution, and later risk of atopic diseases. Journal of Allergy and Clinical Immunology, 2021, 148, 234-243.	1.5	54
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