Jakob Stokholm

List of Publications by Year
in descending order

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128	7,587	76196	62479
papers	citations	40 h-index	80 g-index

139	139	139	10089
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Large-scale association analyses identify host factors influencing human gut microbiome composition. Nature Genetics, 2021, 53, 156-165.	9.4	676
2	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
3	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
4	Cesarean Section and Chronic Immune Disorders. Pediatrics, 2015, 135, e92-e98.	1.0	395
5	Maturation of the gut microbiome and risk of asthma in childhood. Nature Communications, 2018, 9, 141.	5.8	380
6	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
7	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
8	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
9	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
10	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
11	Cesarean section changes neonatal gut colonization. Journal of Allergy and Clinical Immunology, 2016, 138, 881-889.e2.	1.5	154
12	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
13	Deep phenotyping of the unselected <scp>COPSAC</scp>₂₀₁₀ birth cohort study. Clinical and Experimental Allergy, 2013, 43, 1384-1394.	1.4	145
14	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
15	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
16	Antibiotic use during pregnancy alters the commensal vaginal microbiota. Clinical Microbiology and Infection, 2014, 20, 629-635.	2.8	108
17	Bronchiolitis needs a revisit: Distinguishing between virus entities and their treatments. Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 40-52.	2.7	103
18	Novel loci for childhood body mass index and shared heritability with adult cardiometabolic traits. PLoS Genetics, 2020, 16, e1008718.	1.5	95

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19	Prevalence and Predictors of Antibiotic Administration during Pregnancy and Birth. PLoS ONE, 2013, 8, e82932.	1.1	92
20	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
21	Infant airway microbiota and topical immune perturbations in the origins of childhood asthma. Nature Communications, 2019, 10, 5001.	5.8	92
22	Delivery mode and gut microbial changes correlate with an increased risk of childhood asthma. Science Translational Medicine, 2020, 12, .	5.8	92
23	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
24	Amplicon sequencing provides more accurate microbiome information in healthy children compared to culturing. Communications Biology, 2019, 2, 291.	2.0	77
25	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
26	Preeclampsia Associates with Asthma, Allergy, and Eczema in Childhood. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 614-621.	2.5	60
27	Stratification of asthma phenotypes by airway proteomic signatures. Journal of Allergy and Clinical Immunology, 2019, 144, 70-82.	1.5	59
28	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
29	Risk of Asthma from Cesarean Delivery Depends on Membrane Rupture. Journal of Pediatrics, 2016, 171, 38-42.e4.	0.9	58
30	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
31	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
32	The maternal gut microbiome during pregnancy and offspring allergy and asthma. Journal of Allergy and Clinical Immunology, 2021, 148, 669-678.	1.5	55
33	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
34	Association of High-Dose Vitamin D Supplementation During Pregnancy With the Risk of Enamel Defects in Offspring. JAMA Pediatrics, 2019, 173, 924.	3.3	53
35	Effect of High-Dose vs Standard-Dose Vitamin D Supplementation in Pregnancy on Bone Mineralization in Offspring Until Age 6 Years. JAMA Pediatrics, 2020, 174, 419.	3.3	51
36	Genetic, Clinical, and Environmental Factors Associated With Persistent Atopic Dermatitis in Childhood. JAMA Dermatology, 2019, 155, 50.	2.0	50

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37	Blood lipid levels associate with childhood asthma, airway obstruction, bronchial hyperresponsiveness, and aeroallergen sensitization. Journal of Allergy and Clinical Immunology, 2016, 137, 68-74.e4.	1.5	49
38	High-Dose Vitamin D Supplementation During Pregnancy and Asthma in Offspring at the Age of 6 Years. JAMA - Journal of the American Medical Association, 2019, 321, 1003.	3.8	49
39	The developing hypopharyngeal microbiota in early life. Microbiome, 2016, 4, 70.	4.9	46
40	Ecological succession in the vaginal microbiota during pregnancy and birth. ISME Journal, 2020, 14, 2325-2335.	4.4	45
41	Altered Response to A(H1N1)pnd09 Vaccination in Pregnant Women: A Single Blinded Randomized Controlled Trial. PLoS ONE, 2013, 8, e56700.	1.1	43
42	Cat exposure in early life decreases asthma risk from the 17q21 high-risk variant. Journal of Allergy and Clinical Immunology, 2018, 141, 1598-1606.	1.5	41
43	Genome binning of viral entities from bulk metagenomics data. Nature Communications, 2022, 13, 965.	5.8	41
44	Fish-oil supplementation in pregnancy, child metabolomics and asthma risk. EBioMedicine, 2019, 46, 399-410.	2.7	39
45	Levels of Systemic Low-grade Inflammation in Pregnant Mothers and Their Offspring are Correlated. Scientific Reports, 2019, 9, 3043.	1.6	38
46	Airway obstruction and bronchial reactivity from age 1 month until 13 years in children with asthma: A prospective birth cohort study. PLoS Medicine, 2019, 16, e1002722.	3.9	38
47	Environmental shaping of the bacterial and fungal community in infant bed dust and correlations with the airway microbiota. Microbiome, 2020, 8, 115.	4.9	36
48	Domestic dog exposure at birth reduces the incidence of atopic dermatitis. Allergy: European Journal of Allergy and Clinical Immunology, 2016, 71, 1736-1744.	2.7	35
49	Modeling transfer of vaginal microbiota from mother to infant in early life. ELife, 2021, 10, .	2.8	35
50	Characteristics and Mechanisms of a Sphingolipid-associated Childhood Asthma Endotype. American Journal of Respiratory and Critical Care Medicine, 2021, 203, 853-863.	2.5	35
51	Season of birth shapes neonatal immune function. Journal of Allergy and Clinical Immunology, 2016, 137, 1238-1246.e13.	1.5	34
52	Neonates with reduced neonatal lung function have systemic low-grade inflammation. Journal of Allergy and Clinical Immunology, 2015, 135, 1450-1456.e1.	1.5	33
53	A Protocol for Extraction of Infective Viromes Suitable for Metagenomics Sequencing from Low Volume Fecal Samples. Viruses, 2019, 11, 667.	1.5	32
54	Living with Cat and Dog Increases Vaginal Colonization with E. coli in Pregnant Women. PLoS ONE, 2012, 7, e46226.	1.1	31

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55	Epigenetic landscape links upper airway microbiota in infancy with allergic rhinitis at 6 years of age. Journal of Allergy and Clinical Immunology, 2020, 146, 1358-1366.	1.5	31
56	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
57	Effect of fish oil supplementation in pregnancy on bone, lean, and fat mass at six years: randomised clinical trial. BMJ: British Medical Journal, 2018, 362, k3312.	2.4	27
58	The Airway Microbiota Modulates Effect of Azithromycin Treatment for Episodes of Recurrent Asthma-like Symptoms in Preschool Children: A Randomized Clinical Trial. American Journal of Respiratory and Critical Care Medicine, 2021, 204, 149-158.	2.5	27
59	Immuneâ€mediated diseases and microbial exposure in early life. Clinical and Experimental Allergy, 2014, 44, 475-481.	1.4	26
60	Fish Oil Supplementation in Pregnancy Increases Gestational Age, Size for Gestational Age, and Birth Weight in Infants: A Randomized Controlled Trial. Journal of Nutrition, 2019, 149, 628-634.	1.3	26
61	Association between childhood asthma and attention deficit hyperactivity or autism spectrum disorders: A systematic review with metaâ€analysis. Clinical and Experimental Allergy, 2021, 51, 228-252.	1.4	26
62	Vaginal seeding or vaginal microbial transfer from the mother to the caesareanâ€born neonate: a commentary regarding clinical management. BJOG: an International Journal of Obstetrics and Gynaecology, 2018, 125, 533-536.	1.1	25
63	Single and multiple timeâ€point allergic sensitization during childhood and risk of asthma by age 13. Pediatric Allergy and Immunology, 2019, 30, 716-723.	1.1	25
64	Prenatal dietary supplements influence the infant airway microbiota in a randomized factorial clinical trial. Nature Communications, 2020, 11, 426.	5.8	25
65	Cesarean Delivery and Body Mass Index at 6 Months and Into Childhood. Pediatrics, 2017, 139, .	1.0	23
66	FUT2â€“ABO epistasis increases the risk of early childhood asthma and Streptococcus pneumoniae respiratory illnesses. Nature Communications, 2020, 11, 6398.	5.8	21
67	The developing airway and gut microbiota in early life is influenced by age of older siblings. Microbiome, 2022, 10, .	4.9	21
68	Antibiotics in Pregnancy Increase Children's Risk of Otitis Media and Ventilation Tubes. Journal of Pediatrics, 2017, 183, 153-158.e1.	0.9	20
69	Neonatal metabolome of caesarean section and risk of childhood asthma. European Respiratory Journal, 2022, 59, 2102406.	3.1	20
70	Questionnaire development for the Lolland-Falster Health Study, Denmark: an iterative and incremental process. BMC Medical Research Methodology, 2020, 20, 52.	1.4	19
71	Distinct immune phenotypes in infants developing asthma during childhood. Science Translational Medicine, 2020, 12, .	5.8	19
72	Prelabor cesarean section bypasses natural immune cell maturation. Journal of Allergy and Clinical Immunology, 2015, 136, 1123-1125.e6.	1.5	18

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73	Asthma-like symptoms in young children increase the risk of COPD. Journal of Allergy and Clinical Immunology, 2021, 147, 569-576.e9.	1.5	18
74	Increasing severity of earlyâ€onset atopic dermatitis, but not lateâ€onset, associates with development of aeroallergen sensitization and allergic rhinitis in childhood. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 1254-1262.	2.7	17
75	High-Dose Vitamin D Supplementation in Pregnancy and Neurodevelopment in Childhood. JAMA Network Open, 2020, 3, e2026018.	2.8	17
76	Neonatal Urine Metabolic Profiling and Development of Childhood Asthma. Metabolites, 2019, 9, 185.	1.3	16
77	Multiple Breath Washout for Diagnosing Asthma and Persistent Wheeze in Young Children. Annals of the American Thoracic Society, 2019, 16, 599-605.	1.5	16
78	Allergic sensitization at school age is a systemic lowâ€grade inflammatory disorder. Allergy: European Journal of Allergy and Clinical Immunology, 2017, 72, 1073-1080.	2.7	15
79	Determinants of neurodevelopment in early childhood â€“ results from the Copenhagen prospective studies on asthma in childhood (<scp>COPSAC</scp>₂₀₁₀) motherâ€“child cohort. Acta Paediatrica, International Journal of Paediatrics, 2019, 108, 1632-1641.	0.7	14
80	Children Monosensitized to Can f 5 Show Different Reactions to Male and Female Dog Allergen Extract Provocation: A Randomized Controlled Trial. Journal of Allergy and Clinical Immunology: in Practice, 2020, 8, 1592-1597.e2.	2.0	14
81	Neonates colonized with pathogenic bacteria in the airways have a lowâ€grade systemic inflammation. Allergy: European Journal of Allergy and Clinical Immunology, 2018, 73, 2150-2159.	2.7	12
82	Children with Asthma Have Fixed Airway Obstruction through Childhood Unaffected by Exacerbations. Journal of Allergy and Clinical Immunology: in Practice, 2020, 8, 1263-1271.e3.	2.0	12
83	Cesarean Section and Chronic Immune Disorders. Obstetrical and Gynecological Survey, 2015, 70, 303-305.	0.2	11
84	Precision allergy: Separate allergies to male and female dogs. Journal of Allergy and Clinical Immunology: in Practice, 2017, 5, 1754-1756.	2.0	11
85	CDHR3 gene variation and childhood bronchiolitis. Journal of Allergy and Clinical Immunology, 2017, 140, 1469-1471.e7.	1.5	11
86	Reduced IL-2 response from peripheral blood mononuclear cells exposed to bacteria at 6â€¯months of age is associated with elevated total-IgE and allergic rhinitis during the first 7â€¯years of life. EBioMedicine, 2019, 43, 587-593.	2.7	11
87	Maternal 17q21 genotype influences prenatal vitamin D effects on offspring asthma/recurrent wheeze. European Respiratory Journal, 2021, 58, 2002012.	3.1	11
88	Neonatal airway immune profiles and asthma and allergy endpoints in childhood. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 3713-3722.	2.7	11
89	Incidence and Determinants of Ventilation Tubes in Denmark. PLoS ONE, 2016, 11, e0165657.	1.1	10
90	Season of Birth Impacts the Neonatal Nasopharyngeal Microbiota. Children, 2020, 7, 45.	0.6	10

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91	Associations between Inhaled Corticosteroid Use in the First 6 Years of Life and Obesity-related Traits. American Journal of Respiratory and Critical Care Medicine, 2021, 204, 642-650.	2.5	10
92	FeNO and Exercise Testing in Children at Risk of Asthma. Journal of Allergy and Clinical Immunology: in Practice, 2018, 6, 855-862.e2.	2.0	9
93	Prenatal tobacco exposure and risk of asthma and allergy outcomes in childhood. European Respiratory Journal, 2022, 59, 2100453.	3.1	8
94	Genome-wide study of early and severe childhood asthma identifies interaction between CDHR3 and GSDMB. Journal of Allergy and Clinical Immunology, 2022, 150, 622-630.	1.5	8
95	Limited clinical value of exhaled volatile organic compound measurements in childhood asthma. ERJ Open Research, 2018, 4, 00026-2018.	1.1	7
96	Antibiotic exposure in infancy and development of BMI and body composition in childhood. EClinicalMedicine, 2019, 17, 100209.	3.2	7
97	Parentâ€specific effects on risk of developing allergic sensitization and asthma in childhood. Clinical and Experimental Allergy, 2020, 50, 915-921.	1.4	7
98	Allergen Specificity in Specific IgE Cutoff. JAMA Pediatrics, 2020, 174, 993.	3.3	7
99	High-dose vitamin D supplementation in pregnancy and 25(OH)D sufficiency in childhood reduce the risk of fractures and improve bone mineralization in childhood: Follow-up of a randomized clinical trial. EClinicalMedicine, 2022, 43, 101254.	3.2	7
100	Safety of High-Dose Vitamin D Supplementation Among Children Aged 0 to 6 Years. JAMA Network Open, 2022, 5, e227410.	2.8	7
101	Fish Oil Supplementation in Pregnancy and Neurodevelopment in Childhoodâ€"A Randomized Clinical Trial. Child Development, 2021, 92, 1624-1635.	1.7	6
102	Associations of 25 Hydroxyvitamin D and High Sensitivity C-reactive Protein Levels in Early Life. Nutrients, 2022, 14, 15.	1.7	6
103	Maternal antibiotic use and risk of asthma in offspringâ€"Authors' reply. Lancet Respiratory Medicine,the, 2014, 2, e17.	5.2	5
104	Environmental and Genetic Determinants of Serum 25(OH)-Vitamin D Levels during Pregnancy and Early Childhood. Children, 2019, 6, 116.	0.6	5
105	Interaction between filaggrin mutations and neonatal cat exposure in atopic dermatitis. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 1481-1485.	2.7	5
106	Airway immune mediator levels during asthmaâ€like symptoms in young children and their possible role in response to azithromycin. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 76, 1754-1764.	2.7	5
107	Highâ€dose vitamin D during pregnancy and pathway gene polymorphisms in prevention of offspring persistent wheeze. Pediatric Allergy and Immunology, 2021, 32, 679-689.	1.1	5
108	The power and potential of BIOMAP to elucidate hostâ€microbiome interplay in skin inflammatory diseases. Experimental Dermatology, 2021, 30, 1517-1531.	1.4	5

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109	Early life bacterial airway colonization, local immune mediator response and risk of otitis media. Journal of Medical Microbiology, 2020, 69, 1124-1131.	0.7	5
110	Sensitivity of multiple breath washout to detect mild-to-moderate asthma in adolescence. Journal of Allergy and Clinical Immunology: in Practice, 2019, 7, 2052-2054.e5.	2.0	4
111	Symptom burden of atopic dermatitis in early childhood assessed from daily monitoring of symptoms and topical steroid use. Journal of the American Academy of Dermatology, 2021, 84, 725-734.	0.6	4
112	Vaginal dysbiosis in pregnancy associates with risk of emergency caesarean section: a prospective cohort study. Clinical Microbiology and Infection, 2022, 28, 588-595.	2.8	4
113	Height and bone mineral content after inhaled corticosteroid use in the first 6 years of life. Thorax, 2022, 77, 745-751.	2.7	4
114	Effects of prenatal nutrient supplementation and early life exposures on neurodevelopment at age 10: a randomised controlled trial - the COPSYCH study protocol. BMJ Open, 2022, 12, e047706.	0.8	4
115	Innate ILâ€23/Type 17 immune responses mediate the effect of the 17q21 locus on childhood asthma. Clinical and Experimental Allergy, 2021, 51, 892-901.	1.4	3
116	Time trends of chronic immune diseases by year of birth in Danish registries. European Journal of Epidemiology, 2021, 36, 1179-1185.	2.5	3
117	Supplementation With Fish Oil in Pregnancy Reduces Gastroenteritis in Early Childhood. Journal of Infectious Diseases, 2023, 227, 448-456.	1.9	3
118	Delayed Motor Milestones Achievement in Infancy Associates with Perturbations of Amino Acids and Lipid Metabolic Pathways. Metabolites, 2020, 10, 337.	1.3	2
119	Cost of Illness in Young Children: A Prospective Birth Cohort Study. Children, 2021, 8, 173.	0.6	2
120	Azithromycin and high-dose vitamin D for treatment and prevention of asthma-like episodes in hospitalised preschool children: study protocol for a combined double-blind randomised controlled trial. BMJ Open, 2022, 12, e054762.	0.8	2
121	Chronic Chlamydia pneumoniae lung infection: a neglected explanation for macrolide effects in wheezing and asthma? â€“ Authors' reply. Lancet Respiratory Medicine,the, 2016, 4, e8-e9.	5.2	1
122	Noninvasive Sampling of Mucosal Lining Fluid for the Quantification of In Vivo Upper Airway Immune-mediator Levels. Journal of Visualized Experiments, 2017, , .	0.2	1
123	Can perturbations in microbial maturation cause asthma?. Lancet Respiratory Medicine,the, 2020, 8, 1063-1065.	5.2	1
124	Maternal Late Pregnancy Metabolome and Risk of Childhood Asthma or Recurrent Wheezing by Age 3 Years. , 2020, , .		0
125	Maternal 17q21 Genotype Influences the Protective Effect of Prenatal Vitamin D Supplementation Against Asthma in Offspring. , 2020, , .		0
126	Correspondence to â€œBronchiolitis needs a revisit: Distinguishing between virus entities and their treatmentsâ€• Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 1529-1530.	2.7	0

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127	Distinct Infant Immune Phenotypes Determine Childhood Disease Trajectories. SSRN Electronic Journal, 0, , .	0.4	0
128	On using kernel integration by graphical LASSO to study partial correlations between heterogeneous data sets. Journal of Chemometrics, 2021, 35, e3324.	0.7	0