Markus Johannes Ege

List of Publications by Year
in descending order

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Version: 2024-02-01

100 papers	9,257 citations	50276 46 h-index	39675 94 g-index
105 all docs	105 docs citations	105 times ranked	9916 citing authors

#	Article	IF	Citations
1	The Asthma Epidemic. New England Journal of Medicine, 2006, 355, 2226-2235.	27.0	1,432
2	Exposure to Environmental Microorganisms and Childhood Asthma. New England Journal of Medicine, 2011, 364, 701-709.	27.0	1,339
3	Farm dust and endotoxin protect against allergy through A20 induction in lung epithelial cells. Science, 2015, 349, 1106-1110.	12.6	483
4	Prenatal farm exposure is related to the expression of receptors of the innate immunity and to atopic sensitization in school-age children. Journal of Allergy and Clinical Immunology, 2006, 117, 817-823.	2.9	413
5	Not all farming environments protect against the development of asthma and wheeze in children. Journal of Allergy and Clinical Immunology, 2007, 119, 1140-1147.	2.9	252
6	The protective effect of farm milk consumption on childhood asthma and atopy: The GABRIELA study. Journal of Allergy and Clinical Immunology, 2011, 128, 766-773.e4.	2.9	244
7	Inverse association of farm milk consumption with asthma and allergy in rural and suburban populations across Europe. Clinical and Experimental Allergy, 2007, 37, 661-670.	2.9	223
8	Farm-like indoor microbiota in non-farm homes protects children from asthma development. Nature Medicine, 2019, 25, 1089-1095.	30.7	219
9	Transplacentally acquired maternal T lymphocytes in severe combined immunodeficiency: a study of 121 patients. Blood, 2001, 98, 1847-1851.	1.4	217
10	Omenn syndrome due to ARTEMIS mutations. Blood, 2005, 105, 4179-4186.	1.4	205
11	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.	30.7	202
12	Phenotypes of Atopic Dermatitis Depending on the Timing of Onset and Progression in Childhood. JAMA Pediatrics, 2017, 171, 655.	6.2	197
13	Prenatal exposure to a farm environment modifies atopic sensitization at birth. Journal of Allergy and Clinical Immunology, 2008, 122, 407-412.e4.	2.9	165
14	Bacterial microbiota of the upper respiratory tract and childhood asthma. Journal of Allergy and Clinical Immunology, 2017, 139, 826-834.e13.	2.9	165
15	Clinical and Epidemiologic Phenotypes of Childhood Asthma. American Journal of Respiratory and Critical Care Medicine, 2014, 189, 129-138.	5.6	159
16	Cord blood cytokines are modulated by maternal farming activities and consumption of farm dairy products during pregnancy: The PASTURE Study. Journal of Allergy and Clinical Immunology, 2010, 125, 108-115.e3.	2.9	157
17	SCID patients with ARTEMIS vs RAG deficiencies following HCT: increased risk of late toxicity in ARTEMIS-deficient SCID. Blood, 2014, 123, 281-289.	1.4	150
18	Meta-analysis identifies seven susceptibility loci involved in the atopic march. Nature Communications, 2015, 6, 8804.	12.8	148

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19	Allergic rhinitis as a predictor for wheezing onset in school-aged children. Journal of Allergy and Clinical Immunology, 2010, 126, 1170-1175.e2.	2.9	138
20	Gene-environment interaction for childhood asthma and exposure to farming in Central Europe. Journal of Allergy and Clinical Immunology, 2011, 127, 138-144.e4.	2.9	138
21	The Early Development of Wheeze. Environmental Determinants and Genetic Susceptibility at 17q21. American Journal of Respiratory and Critical Care Medicine, 2016, 193, 889-897.	5.6	130
22	Genome-wide association and HLA fine-mapping studies identify risk loci and genetic pathways underlying allergic rhinitis. Nature Genetics, 2018, 50, 1072-1080.	21.4	106
23	Consumption of unprocessed cow's milk protects infants from common respiratory infections. Journal of Allergy and Clinical Immunology, 2015, 135, 56-62.e2.	2.9	96
24	Environmental and mucosal microbiota and their role in childhood asthma. Allergy: European Journal of Allergy and Clinical Immunology, 2017, 72, 109-119.	5.7	94
25	Ï‰-3 fatty acids contribute to the asthma-protective effect of unprocessed cow's milk. Journal of Allergy and Clinical Immunology, 2016, 137, 1699-1706.e13.	2.9	90
26	The Hygiene Hypothesis in the Age of the Microbiome. Annals of the American Thoracic Society, 2017, 14, S348-S353.	3.2	88
27	Environmental bacteria and childhood asthma. Allergy: European Journal of Allergy and Clinical Immunology, 2012, 67, 1565-1571.	5.7	87
28	Prenatal and early-life exposures alter expression of innate immunity genes: The PASTURE cohort study. Journal of Allergy and Clinical Immunology, 2012, 130, 523-530.e9.	2.9	87
29	Cord blood allergen-specific IgE is associated with reduced IFN-Î³ production by cord blood cells: The Protection against Allergyâ€"Study in Rural Environments (PASTURE) study. Journal of Allergy and Clinical Immunology, 2008, 122, 711-716.	2.9	84
30	Latent class analysis reveals clinically relevant atopy phenotypes in 2 birth cohorts. Journal of Allergy and Clinical Immunology, 2017, 139, 1935-1945.e12.	2.9	76
31	microRNA in native and processed cow's milk and its implication for the farm milk effect on asthma. Journal of Allergy and Clinical Immunology, 2016, 137, 1893-1895.e13.	2.9	69
32	Genomeâ€wide association study of body mass index in 23Â000 individuals with and without asthma. Clinical and Experimental Allergy, 2013, 43, 463-474.	2.9	68
33	Farmâ€derived <scp>G</scp>ramâ€positive bacterium <i><scp>S</scp>taphylococcus sciuri </i><scp>W</scp>620 prevents asthma phenotype in <scp>HDM</scp>â€•and <scp>OVA</scp>â€exposed mice. Allergy: European Journal of Allergy and Clinical Immunology, 2013, 68, 322-329.	5.7	68
34	Microbes and asthma: Opportunities for intervention. Journal of Allergy and Clinical Immunology, 2016, 137, 690-697.	2.9	68
35	Association between antibiotic treatment during pregnancy and infancy and the development of allergic diseases. Pediatric Allergy and Immunology, 2019, 30, 423-433.	2.6	68
36	Animal shed Bacillus licheniformis spores possess allergy-protective as well as inflammatory properties. Journal of Allergy and Clinical Immunology, 2008, 122, 307-312.e8.	2.9	65

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37	Development and genetic influence of the rectal bacterial flora of newborn calves. Veterinary Microbiology, 2012, 161, 179-185.	1.9	62
38	Asthma and the Hygiene Hypothesis. Does Cleanliness Matter?. American Journal of Respiratory and Critical Care Medicine, 2015, 191, 522-529.	5.6	61
39	Exposure to microbial agents in house dust and wheezing, atopic dermatitis and atopic sensitization in early childhood: a birth cohort study in rural areas. Clinical and Experimental Allergy, 2012, 42, 1246-1256.	2.9	58
40	Effect of Processing Intensity on Immunologically Active Bovine Milk Serum Proteins. Nutrients, 2017, 9, 963.	4.1	56
41	Maternal vitamin D intake during pregnancy increases gene expression of ILT3 and ILT4 in cord blood. Clinical and Experimental Allergy, 2010, 40, 786-794.	2.9	53
42	The Beneficial Effect of Farm Milk Consumption on Asthma, Allergies, and Infections: From Meta-Analysis of Evidence to Clinical Trial. Journal of Allergy and Clinical Immunology: in Practice, 2020, 8, 878-889.e3.	3.8	53
43	Atopic sensitization in the first year of life. Journal of Allergy and Clinical Immunology, 2013, 131, 781-788.e9.	2.9	49
44	Allergic Disease and Atopic Sensitization in Children in Relation to Measles Vaccination and Measles Infection. Pediatrics, 2009, 123, 771-778.	2.1	47
45	The GABRIEL Advanced Surveys: study design, participation and evaluation of bias. Paediatric and Perinatal Epidemiology, 2011, 25, 436-447.	1.7	47
46	Novel childhood asthma genes interact with in utero and early-life tobacco smoke exposure. Journal of Allergy and Clinical Immunology, 2014, 133, 885-888.	2.9	47
47	A switch in regulatory T cells through farm exposure during immune maturation in childhood. Allergy: European Journal of Allergy and Clinical Immunology, 2017, 72, 604-615.	5.7	46
48	Exposure to nonmicrobial N-glycolylneuraminic acid protects farmers' children against airway inflammation and colitis. Journal of Allergy and Clinical Immunology, 2018, 141, 382-390.e7.	2.9	44
49	An approach to the asthmaâ€protective farm effect by geocoding: Good farms and better farms. Pediatric Allergy and Immunology, 2018, 29, 275-282.	2.6	42
50	TNF-Î±â€“induced protein 3 is a key player in childhood asthma development and environment-mediated protection. Journal of Allergy and Clinical Immunology, 2019, 144, 1684-1696.e12.	2.9	40
51	Application of PCR-SSCP for molecular epidemiological studies on the exposure of farm children to bacteria in environmental dust. Journal of Microbiological Methods, 2008, 73, 49-56.	1.6	35
52	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.	2.9	33
53	<i><scp>IL</scp>â€33</i> polymorphisms are associated with increased risk of hay fever and reduced regulatory T cells in a birth cohort. Pediatric Allergy and Immunology, 2016, 27, 687-695.	2.6	31
54	Skin prick tests and specific IgE in 10â€yearâ€old children: Agreement and association with allergic diseases. Allergy: European Journal of Allergy and Clinical Immunology, 2017, 72, 1365-1373.	5.7	28

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55	The role of parasitic infections in atopic diseases in rural schoolchildren. Allergy: European Journal of Allergy and Clinical Immunology, 2006, 61, 996-1001.	5.7	26
56	Environmental determinants of atopic eczema phenotypes in relation to asthma and atopic sensitization. Allergy: European Journal of Allergy and Clinical Immunology, 2007, 62, 1387-1393.	5.7	25
57	Identification of a new locus at 16q12 associated with time to asthma onset. Journal of Allergy and Clinical Immunology, 2016, 138, 1071-1080.	2.9	25
58	Serum vitamin E concentrations at 1Âyear and risk of atopy, atopic dermatitis, wheezing, and asthma in childhood: the <scp>PASTURE</scp> study. Allergy: European Journal of Allergy and Clinical Immunology, 2014, 69, 87-94.	5.7	23
59	Rule-Based Models of the Interplay between Genetic and Environmental Factors in Childhood Allergy. PLoS ONE, 2013, 8, e80080.	2.5	18
60	Immunoglobulin <scp>A</scp> and immunoglobulin <scp>G</scp> antibodies against Î²â€lactoglobulin and gliadin at age 1 associate with immunoglobulin <scp>E</scp> sensitization at age 6. Pediatric Allergy and Immunology, 2014, 25, 329-337.	2.6	17
61	Protective effects of breastfeeding on respiratory symptoms in infants with 17q21 asthma risk variants. Allergy: European Journal of Allergy and Clinical Immunology, 2018, 73, 2388-2392.	5.7	17
62	Asthma in farm children is more determined by genetic polymorphisms and in nonâ€farm children by environmental factors. Pediatric Allergy and Immunology, 2021, 32, 295-304.	2.6	17
63	Specific IgE to allergens in cord blood is associated with maternal immunity to <i>Toxoplasma gondii</i> and rubella virus. Allergy: European Journal of Allergy and Clinical Immunology, 2008, 63, 1505-1511.	5.7	16
64	Inflammatory response and IgE sensitization at early age. Pediatric Allergy and Immunology, 2013, 24, 395-401.	2.6	16
65	Functional phenotypes determined by fluctuation-based clustering of lung function measurements in healthy and asthmatic cohort participants. Thorax, 2018, 73, 107-115.	5.6	15
66	Occurrence of Listeria spp. in mattress dust of farm children in Bavaria. Environmental Research, 2008, 107, 299-304.	7.5	13
67	Few associations between highâ€sensitivity Câ€reactive protein and environmental factors in 4.5â€yearâ€old children. Pediatric Allergy and Immunology, 2012, 23, 522-528.	2.6	13
68	Immune Responsiveness to LPS Determines Risk of Childhood Wheeze and Asthma in 17q21 Risk Allele Carriers. American Journal of Respiratory and Critical Care Medicine, 2022, 205, 641-650.	5.6	13
69	Microbial Airway Colonization: A Cause of Asthma and Pneumonia?. American Journal of Respiratory and Critical Care Medicine, 2013, 188, 1188-1189.	5.6	12
70	Identification of fungal candidates for asthma protection in a large populationâ€based study. Pediatric Allergy and Immunology, 2017, 28, 72-78.	2.6	10
71	Development of atopic sensitization in Finnish and Estonian children: AÂlatent class analysis in a multicenter cohort. Journal of Allergy and Clinical Immunology, 2019, 143, 1904-1913.e9.	2.9	10
72	Intestinal microbial diversity in infancy and allergy risk at school age. Journal of Allergy and Clinical Immunology, 2011, 128, 653-654.	2.9	9

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73	Bioavailability and Allergoprotective Capacity of Milk-Associated Conjugated Linoleic Acid in a Murine Model of Allergic Airway Inflammation. International Archives of Allergy and Immunology, 2014, 163, 234-242.	2.1	9
74	Genomeâ€wide interaction study of earlyâ€life smoking exposure on timeâ€toâ€asthma onset in childhood. Clinical and Experimental Allergy, 2019, 49, 1342-1351.	2.9	9
75	Trajectories of asthma and allergy symptoms from childhood to adulthood. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 1192-1203.	5.7	9
76	The international effort: building the bridge for Translational Medicine: Report of the 1st International Conference of Translational Medicine (ICTM). Clinical and Translational Medicine, 2012, 1, 15.	4.0	8
77	Comparisons of power of statistical methods for geneâ€"environment interaction analyses. European Journal of Epidemiology, 2013, 28, 785-797.	5.7	8
78	Analysis of the Fungal Flora in Environmental Dust Samples by PCRâ€"SSCP Method. Current Microbiology, 2013, 67, 156-169.	2.2	8
79	Late thymic deficiency after HLA-haploidentical hematopoietic stem cell transplantation for severe combined immunodeficiency. Journal of Allergy and Clinical Immunology, 2019, 143, 1623-1626.e13.	2.9	8
80	Skin cancer risk and shade: comparing the risk of foresters with other outdoor workers. Journal of the European Academy of Dermatology and Venereology, 2020, 34, 2526-2533.	2.4	8
81	Parents know it best: Prediction of asthma and lung function by parental perception of early wheezing episodes. Pediatric Allergy and Immunology, 2019, 30, 795-802.	2.6	7
82	Excessive Unbalanced Meat Consumption in the First Year of Life Increases Asthma Risk in the PASTURE and LUKAS2 Birth Cohorts. Frontiers in Immunology, 2021, 12, 651709.	4.8	7
83	Healthâ€related quality of life does not explain the protective effect of farming on allergies. Pediatric Allergy and Immunology, 2012, 23, 519-521.	2.6	6
84	Atopy: AÂmirror of environmental changes?. Journal of Allergy and Clinical Immunology, 2014, 133, 1354-1355.	2.9	6
85	The Hygiene Hypothesis of Allergy and Asthma. , 2016, , 328-335.		5
86	Enhanced T helper 1 and 2 cytokine responses at birth associate with lower risk of middle ear infections in infancy. Pediatric Allergy and Immunology, 2017, 28, 53-59.	2.6	5
87	Can genes forecast asthma risk?. Lancet Respiratory Medicine,the, 2013, 1, 425-426.	10.7	4
88	Asthma and Prenatal Inflammation. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 546-548.	5.6	3
89	Asthmatic farm children show increased CD3+CD8low T-cells compared to non-asthmatic farm children. Clinical Immunology, 2017, 183, 285-292.	3.2	3
90	Identification of OCA2 as a novel locus for the coâ€morbidity of asthmaâ€plusâ€eczema. Clinical and Experimental Allergy, 2021, , .	2.9	3

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91	Early priming of asthma and respiratory allergies: Future aspects of prevention. Pediatric Allergy and Immunology, 2022, 33, e13773.	2.6	3
92	Eradication of a dysfunctional HLA-haploidentical T cell system by a second HLA-identical BMT. Bone Marrow Transplantation, 2001, 28, 993-995.	2.4	2
93	Reply. Journal of Allergy and Clinical Immunology, 2016, 138, 938-939.	2.9	1
94	Good and Bad Farming: The Right Microbiome Protects from Allergy. Birkhauser Advances in Infectious Diseases, 2017, , 51-68.	0.3	1
95	Prenatal Markers of Asthma and Maternal Asthma Status. American Journal of Respiratory Cell and Molecular Biology, 2018, 59, 529-530.	2.9	1
96	LATE-BREAKING ABSTRACT: Chr17q21 modifies environmental effects on respiratory infections in infancy and effects on asthma. , 2015, , .		1
97	Skin-explant model to evaluate effectiveness of depletion of hla-alloreactive t-cells. Experimental Hematology, 2000, 28, 103.	0.4	0
98	Coincidence of Recurrent Hemiparesis and Detection of ALL in a 4-Year-Old Girl: One or Two Diseases?. Klinische Padiatrie, 2009, 221, 386-389.	0.6	0
99	Cord Blood Cytokines are Modulated by Maternal Farming Activities and Consumption of Farm Products during Pregnancy - The PASTURE-Study. Journal of Allergy and Clinical Immunology, 2009, 123, S21-S21.	2.9	0
100	Structural racism and readmission for childhood asthmaâ€"a quest for causality. Journal of Allergy and Clinical Immunology, 2021, 148, 1165-1166.	2.9	0