Anne M HyvÃ¤rinen

List of Publications by Year
in descending order

95 papers	4,660 citations	76326 40 h-index	102487 66 g-index
97 all docs	97 docs citations	97 times ranked	4681 citing authors

#	Article	IF	Citations
1	Increased food diversity in the first year of life is inversely associated with allergic diseases. Journal of Allergy and Clinical Immunology, 2014, 133, 1056-1064.e7.	2.9	237
2	Farm-like indoor microbiota in non-farm homes protects children from asthma development. Nature Medicine, 2019, 25, 1089-1095.	30.7	219
3	Phenotypes of Atopic Dermatitis Depending on the Timing of Onset and Progression in Childhood. JAMA Pediatrics, 2017, 171, 655.	6.2	197
4	Fungi and actinobacteria in moisture-damaged building materials â€" concentrations and diversity. International Biodeterioration and Biodegradation, 2002, 49, 27-37.	3.9	180
5	The occupant as a source of house dust bacteria. Journal of Allergy and Clinical Immunology, 2009, 124, 834-840.e47.	2.9	180
6	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
7	Clinical and Epidemiologic Phenotypes of Childhood Asthma. American Journal of Respiratory and Critical Care Medicine, 2014, 189, 129-138.	5.6	159
8	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
9	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
10	Predominance of Gramâ€positive bacteria in house dust in the lowâ€allergy risk Russian Karelia. Environmental Microbiology, 2008, 10, 3317-3325.	3.8	126
11	Development of atopic dermatitis according to age of onset and association with early-life exposures. Journal of Allergy and Clinical Immunology, 2012, 130, 130-136.e5.	2.9	116
12	Confirmed Moisture Damage at Home, Respiratory Symptoms and Atopy in Early Life: A Birth-Cohort Study. Pediatrics, 2009, 124, e329-e338.	2.1	100
13	Production of proinflammatory mediators by indoor air bacteria and fungal spores in mouse and human cell lines.. Environmental Health Perspectives, 2003, 111, 85-92.	6.0	97
14	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
15	Indoor air pollution, physical and comfort parameters related to schoolchildren's health: Data from the European SINPHONIE study. Science of the Total Environment, 2020, 739, 139870.	8.0	94
16	Nitric Oxide and Proinflammatory Cytokines in Nasal Lavage Fluid Associated with Symptoms and Exposure to Moldy Building Microbes. American Journal of Respiratory and Critical Care Medicine, 1999, 160, 1943-1946.	5.6	82
17	Molecular profiling of fungal communities in moisture damaged buildings before and after remediation - a comparison of culture-dependent and culture-independent methods. BMC Microbiology, 2011, 11, 235.	3.3	80
18	Moisture Damage and Asthma: A Birth Cohort Study. Pediatrics, 2015, 135, e598-e606.	2.1	77

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19	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
20	Characterizing Mold Problem Buildings - Concentrations And Flora Of Viable Fungi. Indoor Air, 1993, 3, 337-343.	4.3	74
21	Microbial content of house dust samples determined with qPCR. Science of the Total Environment, 2009, 407, 4673-4680.	8.0	72
22	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
23	Comparison of concentrations and size distributions of fungal spores in buildings with and without mould problems. Journal of Aerosol Science, 1994, 25, 1595-1603.	3.8	63
24	Dampness and mould in schools and respiratory symptoms in children: the HITEA study. Occupational and Environmental Medicine, 2013, 70, 681-687.	2.8	58
25	Isolation and Identification of Aspergillus fumigatus Mycotoxins on Growth Medium and Some Building Materials. Applied and Environmental Microbiology, 2002, 68, 4871-4875.	3.1	57
26	Infant and Adult Inhalation Exposure to Resuspended Biological Particulate Matter. Environmental Science & Technology, 2018, 52, 237-247.	10.0	57
27	Passive dust collectors for assessing airborne microbial material. Microbiome, 2015, 3, 46.	11.1	55
28	Quantitative assessment of microbes from samples of indoor air and dust. Journal of Exposure Science and Environmental Epidemiology, 2018, 28, 231-241.	3.9	55
29	Metabolite profiles of Stachybotrys isolates from water-damaged buildings and their induction of inflammatory mediators and cytotoxicity in macrophages. Mycopathologia, 2002, 154, 201-206.	3.1	53
30	Exposure to Airborne Microbes During the Repair of Moldy Buildings. AIHA Journal, 1996, 57, 279-284.	0.4	52
31	Respiratory Symptoms and Infections among Children in a Day-Care Center with Mold Problems. Indoor Air, 1995, 5, 3-9.	4.3	51
32	Dampness, bacterial and fungal components in dust in primary schools and respiratory health in schoolchildren across Europe. Occupational and Environmental Medicine, 2014, 71, 704-712.	2.8	51
33	Indoor visible mold and mold odor are associated with new-onset childhood wheeze in a dose-dependent manner. Indoor Air, 2018, 28, 6-15.	4.3	51
34	Indoor bacterial microbiota and development of asthma by 10.5Âyears of age. Journal of Allergy and Clinical Immunology, 2019, 144, 1402-1410.	2.9	50
35	Microbial secondary metabolites in school buildings inspected for moisture damage in Finland, The Netherlands and Spain. Journal of Environmental Monitoring, 2012, 14, 2044.	2.1	48
36	Determination of bacterial load in house dust using qPCR, chemical markers and culture. Journal of Environmental Monitoring, 2010, 12, 759.	2.1	47

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37	Seasonal Variation in Airborne Microbial Concentrations and Diversity at Landfill, Urban and Rural Sites. Clean - Soil, Air, Water, 2008, 36, 556-563.	1.1	46
38	Airborne cultivable microflora and microbial transfer in farm buildings and rural dwellings. Occupational and Environmental Medicine, 2011, 68, 849-855.	2.8	45
39	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
40	Bacterial Exposures and Associations with Atopy and Asthma in Children. PLoS ONE, 2015, 10, e0131594.	2.5	41
41	Effect of Building Frame and Moisture Damage on Microbiological Indoor Air Quality in School Buildings. AIHA Journal: A Journal for the Science of Occupational and Environmental Health and Safety, 2003, 64, 108-116.	0.4	40
42	Indoor microbiota in severely moisture damaged homes and the impact of interventions. Microbiome, 2017, 5, 138.	11.1	40
43	Crawling-induced floor dust resuspension affects the microbiota of the infant breathing zone. Microbiome, 2018, 6, 25.	11.1	40
44	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
45	Change in IFN-Î³â€“producing capacity in early life and exposure to environmental microbes. Journal of Allergy and Clinical Immunology, 2005, 116, 1048-1052.	2.9	39
46	Quantitative PCR analysis of fungi and bacteria in building materials and comparison to culture-based analysis. Journal of Environmental Monitoring, 2008, 10, 655.	2.1	39
47	Characterizing Microbial Exposure With Ergosterol, 3-Hydroxy Fatty Acids, and Viable Microbes in House Dust: Determinants and Association With Childhood Asthma. Archives of Environmental and Occupational Health, 2006, 61, 149-157.	1.4	37
48	Monitoring success of remediation: Seven case studies of moisture and mold damaged buildings. Science of the Total Environment, 2008, 399, 19-27.	8.0	37
49	Endotoxin levels in cow's milk samples from farming and non-farming families â€” The PASTURE study. Environment International, 2008, 34, 1132-1136.	10.0	36
50	Two Moldy Day-care Centers: a Follow-up Study of Respiratory Symptoms and Infections. Indoor Air, 1997, 7, 262-268.	4.3	33
51	Cytotoxicity, production of reactive oxygen species and cytokines induced by different strains of Stachybotrys sp. from moldy buildings in RAW264.7 macrophages. Environmental Toxicology and Pharmacology, 1998, 6, 193-199.	4.0	32
52	Indoor air particles and bioaerosols before and after renovation of moisture-damaged buildings: The effect on biological activity and microbial flora. Environmental Research, 2008, 107, 291-298.	7.5	32
53	Predictors of microbial agents in dust and respiratory health in the Ecrhs. BMC Pulmonary Medicine, 2015, 15, 48.	2.0	29
54	Media for cultivation of indoor streptomycetes. Journal of Microbiological Methods, 2002, 51, 411-416.	1.6	27

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55	Chlamydia pneumoniae and newly diagnosed asthma: a case-control study in 1 to 6-year-old children. Respirology, 2004, 9, 255-259.	2.3	25
56	Application of the Environmental Relative Moldiness Index in Finland. Applied and Environmental Microbiology, 2016, 82, 578-584.	3.1	24
57	Occurrence and Characteristics of Moisture Damage in Residential Buildings as a Function of Occupant and Engineer Observations. Indoor and Built Environment, 2005, 14, 133-140.	2.8	23
58	Simkania negevensis and newly diagnosed asthma: A case-control study in 1- to 6-year-old children. Respirology, 2006, 11, 80-83.	2.3	23
59	Domestic use of bleach and infections in children: a multicentre cross-sectional study. Occupational and Environmental Medicine, 2015, 72, 602-604.	2.8	22
60	Indoor bacteria and asthma in adults: a multicentre caseâ€“control study within ECRHS II. European Respiratory Journal, 2018, 51, 1701241.	6.7	21
61	Use of household cleaning products, exhaled nitric oxide and lung function in children: Table 1â€“. European Respiratory Journal, 2013, 42, 1415-1418.	6.7	20
62	Microbial diversity in homes and the risk of allergic rhinitis and inhalant atopy in two European birth cohorts. Environmental Research, 2021, 196, 110835.	7.5	19
63	Early exposure to bio-contaminants and asthma up to 10 years of age: results of the HITEA study. European Respiratory Journal, 2015, 45, 328-337.	6.7	18
64	Floor dust bacteria and fungi and their coexistence with PAHs in Jordanian indoor environments. Science of the Total Environment, 2017, 601-602, 940-945.	8.0	18
65	Inflammatory response and IgE sensitization at early age. Pediatric Allergy and Immunology, 2013, 24, 395-401.	2.6	16
66	Early life microbial exposure and fractional exhaled nitric oxide in school-age children: a prospective birth cohort study. Environmental Health, 2013, 12, 103.	4.0	15
67	Mold-specific IgE antibodies in relation to exposure and skin test data in schoolchildren. Allergology International, 2001, 50, 239-245.	3.3	13
68	High Indoor Microbial Levels Are Associated with Reduced Th1 Cytokine Secretion Capacity in Infancy. International Archives of Allergy and Immunology, 2012, 159, 194-203.	2.1	13
69	Indoor air quality in London schools. Part 2: long-term integrated assessment. Intelligent Buildings International, 2015, 7, 130-146.	2.3	13
70	Objective assessment of domestic mold contamination using quantitative PCR. Journal of Allergy and Clinical Immunology, 2016, 137, 622-624.	2.9	13
71	Microbial exposures in moistureâ€damaged schools and associations with respiratory symptoms in students: A multiâ€country environmental exposure study. Indoor Air, 2021, 31, 1952-1966.	4.3	13
72	Comparison of methods for assessing temporal variation of growth of fungi on building materials. Microbiology (United Kingdom), 2016, 162, 1895-1903.	1.8	13

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73	Concentrations and Diversity of Microbes from Four Local Bioaerosol Emission Sources in Finland. Journal of the Air and Waste Management Association, 2011, 61, 1382-1392.	1.9	11
74	Risk of atopy associated with microbial components in house dust. Annals of Allergy, Asthma and Immunology, 2010, 104, 269-270.	1.0	10
75	Human airway construct model is suitable for studying transcriptome changes associated with indoor air particulate matter toxicity. Indoor Air, 2020, 30, 433-444.	4.3	10
76	Associations between dog keeping and indoor dust microbiota. Scientific Reports, 2021, 11, 5341.	3.3	10
77	Skin test reactivity to molds in pre-school children with newly diagnosed asthma. Pediatrics International, 2006, 48, 577-581.	0.5	8
78	Healthy people in healthy premises: the Finnish Indoor Air and Health Programme 2018â€“2028. Clinical and Translational Allergy, 2020, 10, 4.	3.2	8
79	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
80	Early age exposure to moisture and mould is related to FeNO at the age of 6Âyears. Pediatric Allergy and Immunology, 2021, 32, 1226-1237.	2.6	7
81	Nasal symptoms among residents in moldy housing. Scandinavian Journal of Work, Environment and Health, 2003, 29, 461-467.	3.4	7
82	Occurrence of Mycotoxins in Indoor Environments. , 2016, , 299-323.		6
83	Evaluation of sampling methods for toxicological testing of indoor air particulate matter. Inhalation Toxicology, 2016, 28, 500-507.	1.6	6
84	Oxidative capacity and hemolytic activity of settled dust from moistureâ€damaged schools. Indoor Air, 2019, 29, 299-307.	4.3	6
85	Toxicological transcriptome of human airway constructs after exposure to indoor air particulate matter: In search of relevant pathways of moisture damage-associated health effects. Environment International, 2022, 158, 106997.	10.0	6
86	The effect of assay type and sample matrix on detected cytokine concentrations in human blood serum and nasal lavage fluid. Journal of Pharmaceutical and Biomedical Analysis, 2014, 96, 151-155.	2.8	5
87	Toxicity of airborne dust as an indicator of moisture problems in school buildings. Inhalation Toxicology, 2017, 29, 75-81.	1.6	3
88	Asthmatic farm children show increased CD3+CD8low T-cells compared to non-asthmatic farm children. Clinical Immunology, 2017, 183, 285-292.	3.2	3
89	The effect of ozonization on furniture dust: Microbial content and immunotoxicity in vitro. Science of the Total Environment, 2010, 408, 2305-2311.	8.0	2
90	Fungi in Low-contamination Occupational Environments. , 2016, , 107-125.		2

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91	Determinants of stimulated peripheral blood cytokine production among farming women. International Journal of Hygiene and Environmental Health, 2011, 214, 205-209.	4.3	1
92	LATE-BREAKING ABSTRACT: Chr17q21 modifies environmental effects on respiratory infections in infancy and effects on asthma. , 2015, , .		1
93	Microbial toxins in residential indoor environment. ISEE Conference Abstracts, 2013, 2013, 4560.	0.0	1
94	Microbial secondary metabolites in indoor environments. ISEE Conference Abstracts, 2013, 2013, 5929.	0.0	1
95	Author response to Dr Wiseâ€™s letter. Occupational and Environmental Medicine, 2016, 73, 215.2-216.	2.8	0