

Tari Haahtela

List of Publications by Year in descending order

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Version: 2024-02-01

122
papers

7,271
citations

71061

41
h-index

62565

80
g-index

130
all docs

130
docs citations

130
times ranked

8878
citing authors

#	ARTICLE	IF	CITATIONS
1	A summary of the new GINA strategy: a roadmap to asthma control. <i>European Respiratory Journal</i> , 2015, 46, 622-639.	3.1	636
2	Multiancestry association study identifies new asthma risk loci that colocalize with immune-cell enhancer marks. <i>Nature Genetics</i> , 2018, 50, 42-53.	9.4	426
3	Meteorological conditions, climate change, new emerging factors, and asthma and related allergic disorders. A statement of the World Allergy Organization. <i>World Allergy Organization Journal</i> , 2015, 8, 25.	1.6	328
4	Randomised comparison of guided self management and traditional treatment of asthma over one year. <i>BMJ: British Medical Journal</i> , 1996, 312, 748-752.	2.4	320
5	The biodiversity hypothesis and allergic disease: world allergy organization position statement. <i>World Allergy Organization Journal</i> , 2013, 6, 3.	1.6	282
6	Next-generation Allergic Rhinitis and Its Impact on Asthma (ARIA) guidelines for allergic rhinitis based on Grading of Recommendations Assessment, Development and Evaluation (GRADE) and real-world evidence. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 70-80.e3.	1.5	272
7	IgE allergy diagnostics and other relevant tests in allergy, a World Allergy Organization position paper. <i>World Allergy Organization Journal</i> , 2020, 13, 100080.	1.6	245
8	The impact of human activities and lifestyles on the interlinked microbiota and health of humans and of ecosystems. <i>Science of the Total Environment</i> , 2018, 627, 1018-1038.	3.9	244
9	A biodiversity hypothesis. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 1445-1456.	2.7	222
10	DNA methylation in childhood asthma: an epigenome-wide meta-analysis. <i>Lancet Respiratory Medicine</i> , 2018, 6, 379-388.	5.2	170
11	A susceptibility locus for asthma-related traits on chromosome 7 revealed by genome-wide scan in a founder population. <i>Nature Genetics</i> , 2001, 28, 87-91.	9.4	168
12	<i>Acinetobacter</i> species in the skin microbiota protect against allergic sensitization and inflammation. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 134, 1301-1309.e11.	1.5	163
13	Mechanisms of the Development of Allergy (MeDALL): Introducing novel concepts in allergy phenotypes. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 388-399.	1.5	145
14	2019 ARIA Care pathways for allergen immunotherapy. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 2087-2102.	2.7	140
15	Impact of Rhinitis on Work Productivity: A Systematic Review. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2018, 6, 1274-1286.e9.	2.0	132
16	MACVIA clinical decision algorithm in adolescents and adults with allergic rhinitis. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 367-374.e2.	1.5	128
17	Intranasal corticosteroids in allergic rhinitis in COVID-19 infected patients: An ARIA-AAAAACI statement. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 2440-2444.	2.7	114
18	Allergic Rhinitis and its Impact on Asthma (ARIA) Phase 4 (2018): Change management in allergic rhinitis and asthma multimorbidity using mobile technology. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 864-879.	1.5	103

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19	Mobile technology offers novel insights into the control and treatment of allergic rhinitis: The MASK study. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 144, 135-143.e6.	1.5	101
20	Is diet partly responsible for differences in COVID-19 death rates between and within countries?. <i>Clinical and Translational Allergy</i> , 2020, 10, 16.	1.4	97
21	Patterns in the skin microbiota differ in children and teenagers between rural and urban environments. <i>Scientific Reports</i> , 2017, 7, 45651.	1.6	93
22	Allergic Disorders and Immediate Skin Test Reactivity in Finnish Adolescents. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 1980, 35, 433-441.	2.7	92
23	National and regional asthma programmes in Europe. <i>European Respiratory Review</i> , 2015, 24, 474-483.	3.0	91
24	Risk and safety requirements for diagnostic and therapeutic procedures in allergology: World Allergy Organization Statement. <i>World Allergy Organization Journal</i> , 2016, 9, 33.	1.6	87
25	Next-generation ARIA care pathways for rhinitis and asthma: a model for multimorbid chronic diseases. <i>Clinical and Translational Allergy</i> , 2019, 9, 44.	1.4	87
26	Cabbage and fermented vegetables: From death rate heterogeneity in countries to candidates for mitigation strategies of severe COVID-19. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 735-750.	2.7	83
27	COVID-19 pandemic: Practical considerations on the organization of an allergy clinic – An EAACI/ARIA Position Paper. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 648-676.	2.7	79
28	Adherence to treatment in allergic rhinitis using mobile technology. The MASK Study. <i>Clinical and Experimental Allergy</i> , 2019, 49, 442-460.	1.4	73
29	Randomised comparison of cost effectiveness of guided self management and traditional treatment of asthma in Finland. <i>BMJ: British Medical Journal</i> , 1998, 316, 1138-1139.	2.4	72
30	Skin Prick Test Reactivity to Common Allergens in Finnish Adolescents. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 1980, 35, 425-431.	2.7	66
31	Electronic Clinical Decision Support System for allergic rhinitis management: MASK eCDSS. <i>Clinical and Experimental Allergy</i> , 2018, 48, 1640-1653.	1.4	61
32	ARIA – EAACI statement on asthma and COVID-19 (June 2, 2020). <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 689-697.	2.7	57
33	Nrf2-interacting nutrients and COVID-19: time for research to develop adaptation strategies. <i>Clinical and Translational Allergy</i> , 2020, 10, 58.	1.4	56
34	The Finnish experience to save asthma costs by improving care in 1987-2013. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 408-414.e2.	1.5	55
35	The Finnish Allergy Programme 2008 – 2018 works. <i>European Respiratory Journal</i> , 2017, 49, 1700470.	3.1	53
36	ARIA pharmacy 2018 – Allergic rhinitis care pathways for community pharmacy. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 1219-1236.	2.7	52

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37	AIRWAYS-ICPs (European Innovation Partnership on Active and Healthy Ageing) from concept to implementation. <i>European Respiratory Journal</i> , 2016, 47, 1028-1033.	3.1	50
38	The South Karelia Air Pollution Study: Effects of Low-Level Exposure to Malodorous Sulfur Compounds on Symptoms. <i>Archives of Environmental Health</i> , 1996, 51, 315-320.	0.4	48
39	European Summit on the Prevention and Self-Management of Chronic Respiratory Diseases: report of the European Union Parliament Summit (29 March 2017). <i>Clinical and Translational Allergy</i> , 2017, 7, 49.	1.4	48
40	ARIA digital anamorphosis: Digital transformation of health and care in airway diseases from research to practice. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 168-190.	2.7	46
41	Mobile Technology in Allergic Rhinitis: Evolution in Management or Revolution in Health and Care?. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2019, 7, 2511-2523.	2.0	44
42	House dust microbiome and human health risks. <i>International Microbiology</i> , 2019, 22, 297-304.	1.1	41
43	The importance of the exposome and allostatic load in the planetary health paradigm. <i>Journal of Physiological Anthropology</i> , 2018, 37, 15.	1.0	38
44	The microbiome of the human lower airways: a next generation sequencing perspective. <i>World Allergy Organization Journal</i> , 2015, 8, 23.	1.6	36
45	Helsinki by nature: The Nature Step to Respiratory Health. <i>Clinical and Translational Allergy</i> , 2019, 9, 57.	1.4	36
46	Holistic View on Health: Two Protective Layers of Biodiversity. <i>Annales Zoologici Fennici</i> , 2017, 54, 39-49.	0.2	35
47	Asthma and respiratory allergy prevalence is still increasing among Finnish young adults. <i>European Respiratory Journal</i> , 2016, 47, 985-987.	3.1	34
48	Potential Interplay between Nrf2, TRPA1, and TRPV1 in Nutrients for the Control of COVID-19. <i>International Archives of Allergy and Immunology</i> , 2021, 182, 324-338.	0.9	33
49	The increase of asthma prevalence has levelled off and symptoms decreased in adults during 20 years from 1996 to 2016 in Helsinki, Finland. <i>Respiratory Medicine</i> , 2019, 155, 121-126.	1.3	32
50	Immunological resilience and biodiversity for prevention of allergic diseases and asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 3613-3626.	2.7	32
51	The Finnish Allergy Program 2008-2018: Society-wide proactive program for change of management to mitigate allergy burden. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 148, 319-326.e4.	1.5	32
52	Development and validation of combined symptomâ€ medication scores for allergic rhinitis*. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 2147-2162.	2.7	32
53	Differentiation of COVID-19 signs and symptoms from allergic rhinitis and common cold: An ARIAâ€ GA ² LEN consensus. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 2354-2366.	2.7	31
54	Validity, reliability, and responsiveness of daily monitoring visual analog scales in MASK- ^{air} ®. <i>Clinical and Translational Allergy</i> , 2021, 11, e12062.	1.4	31

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55	Eosinophil cationic protein in induced sputum as a marker of inflammation in asthmatic children. <i>Pediatric Allergy and Immunology</i> , 1997, 8, 45-50.	1.1	30
56	Chronic Comorbidities Contribute to the Burden and Costs of Persistent Asthma. <i>Mediators of Inflammation</i> , 2015, 2015, 1-7.	1.4	30
57	Lung function, airway remodeling, and inflammation in infants: outcome at 8 years. <i>Annals of Allergy, Asthma and Immunology</i> , 2015, 114, 90-96.e2.	0.5	30
58	Realising the potential of mHealth to improve asthma and allergy care: how to shape the future. <i>European Respiratory Journal</i> , 2017, 49, 1700447.	3.1	30
59	A call for urgent action to safeguard our planet and our health in line with the helsinki declaration. <i>Environmental Research</i> , 2021, 193, 110600.	3.7	30
60	Reduced severity and improved control of self-reported asthma in Finland during 2001-2010. <i>Asia Pacific Allergy</i> , 2015, 5, 32-39.	0.6	29
61	Efficacy of broccoli and glucoraphanin in COVID-19: From hypothesis to proof-of-concept with three experimental clinical cases. <i>World Allergy Organization Journal</i> , 2021, 14, 100498.	1.6	27
62	Thirteen-year follow-up of early intervention with an inhaled corticosteroid in patients with asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2009, 124, 1180-1185.	1.5	26
63	Dietary Intake of Flavonoids and Ventilatory Function in European Adults: A GA2LEN Study. <i>Nutrients</i> , 2018, 10, 95.	1.7	26
64	The Helsinki Declaration 2020: Europe that protects. <i>Lancet Planetary Health</i> , The, 2020, 4, e503-e505.	5.1	26
65	The South Karelia Air Pollution Study: Changes in Respiratory Health in Relation to Emission Reduction of Malodorous Sulfur Compounds from Pulp Mills. <i>Archives of Environmental Health</i> , 1999, 54, 254-263.	0.4	25
66	School environment associates with lung function and autonomic nervous system activity in children: a cross-sectional study. <i>Scientific Reports</i> , 2019, 9, 15156.	1.6	25
67	Multimorbidity in Asthma, Allergic Conditions and COPD Increase Disease Severity, Drug Use and Costs: The Finnish Pharmacy Survey. <i>International Archives of Allergy and Immunology</i> , 2019, 179, 273-280.	0.9	25
68	Integrative concepts and practices of health in transdisciplinary social ecology. <i>Socio-Ecological Practice Research</i> , 2020, 2, 71-90.	0.9	24
69	Shared DNA methylation signatures in childhood allergy: The MeDALL study. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 1031-1040.	1.5	24
70	ARIA and EAACI care pathways for allergen immunotherapy in respiratory allergy. <i>Clinical and Translational Allergy</i> , 2021, 11, e12014.	1.4	24
71	Exiting the Anthropocene: Achieving personal and planetary health in the 21st century. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 3498-3512.	2.7	24
72	Spices to Control COVID-19 Symptoms: Yes, but Not Only. <i>International Archives of Allergy and Immunology</i> , 2021, 182, 489-495.	0.9	23

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73	INTRODUCTION. <i>Clinical and Experimental Allergy</i> , 1996, 26, i-ii.	1.4	21
74	The Finnish Allergy Programme 2008-2018 - scientific rationale and practical implementation. <i>Asia Pacific Allergy</i> , 2012, 2, 275-279.	0.6	20
75	Digital transformation of health and care to sustain Planetary Health: The MASK proof-of-concept for airway diseases – POLLAR symposium under the auspices of Finland’s Presidency of the EU, 2019 and MACVIA-France, Global Alliance against Chronic Respiratory Diseases (GARD, WHO) demonstration project, Reference Site Collaborative Network of the European Innovation Partnership on Active and Healthy Ageing. <i>Clinical and Translational Allergy</i> , 2020, 10, 24.	1.4	20
76	Ophthalmologic findings in children with asthma receiving inhaled budesonide. <i>Journal of Allergy and Clinical Immunology</i> , 2008, 122, 832-834.	1.5	19
77	Immune-microbiota interaction in Finnish and Russian Karelia young people with high and low allergy prevalence. <i>Clinical and Experimental Allergy</i> , 2020, 50, 1148-1158.	1.4	19
78	Implementation gaps for asthma prevention and control. <i>Respiratory Medicine</i> , 2017, 130, 13-19.	1.3	18
79	Smoking, environmental tobacco smoke and occupational irritants increase the risk of chronic rhinitis. <i>World Allergy Organization Journal</i> , 2018, 11, 6.	1.6	18
80	What is needed for allergic children?. <i>Pediatric Allergy and Immunology</i> , 2014, 25, 21-24.	1.1	17
81	From ARIA guidelines to the digital transformation of health in rhinitis and asthma multimorbidity. <i>European Respiratory Journal</i> , 2019, 54, 1901023.	3.1	17
82	Behavioural patterns in allergic rhinitis medication in Europe: A study using MASK-air [®] real-world data. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 2699-2711.	2.7	17
83	Is fruit and vegetable intake associated with asthma or chronic rhino-sinusitis in European adults? Results from the Global Allergy and Asthma Network of Excellence (GA2LEN) Survey. <i>Clinical and Translational Allergy</i> , 2017, 7, 3.	1.4	16
84	Managing Allergic Rhinitis in the Pharmacy: An ARIA Guide for Implementation in Practice. <i>Pharmacy (Basel, Switzerland)</i> , 2020, 8, 85.	0.6	16
85	Contrasting microbiotas between Finnish and Estonian infants: Exposure to <i>Acinetobacter</i> may contribute to the allergy gap. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 2342-2351.	2.7	16
86	Management of anaphylaxis due to COVID-19 vaccines in the elderly. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 2952-2964.	2.7	16
87	Dietary patterns and respiratory health in adults from nine European countries – Evidence from the GA ² LEN study. <i>Clinical and Experimental Allergy</i> , 2018, 48, 1474-1482.	1.4	14
88	Long-term trends of asthma, allergic rhinitis and atopic eczema in young Finnish men: a retrospective analysis, 1926–2017. <i>European Respiratory Journal</i> , 2020, 56, 1902144.	3.1	14
89	Managing the allergy and asthma epidemic in 2020s – Lessons from the Finnish experience. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 2367-2380.	2.7	14
90	Conjunctival eosinophilia in atopic and non-atopic external eye symptoms. <i>Acta Ophthalmologica</i> , 1992, 70, 335-340.	0.6	13

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91	Nature-oriented daycare diversifies skin microbiota in children—No robust association with allergies. <i>Pediatric Allergy and Immunology</i> , 2018, 29, 318-321.	1.1	13
92	Prediction of Asthma Hospitalizations for the Common Cold Using Google Trends: Infodemiology Study. <i>Journal of Medical Internet Research</i> , 2021, 23, e27044.	2.1	13
93	Changes in the societal burden caused by sleep apnoea in Finland from 1996 to 2018: A national registry study. <i>Lancet Regional Health - Europe</i> , The, 2022, 16, 100338.	3.0	13
94	Birch pollen allergen immunotherapy reprograms nasal epithelial transcriptome and recovers microbial diversity. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 2293-2296.e11.	1.5	11
95	Maternal Genetic Variants of <i>IL4/IL13</i> Pathway Genes on IgE With "Western or Eastern Environments/Lifestyles". <i>Allergy, Asthma and Immunology Research</i> , 2014, 6, 350.	1.1	10
96	Revisiting early intervention in adult asthma. <i>ERJ Open Research</i> , 2015, 1, 00022-2015.	1.1	9
97	Allergen immunotherapy in MASK-air users in real-life: Results of a Bayesian mixed-effects model. <i>Clinical and Translational Allergy</i> , 2022, 12, e12128.	1.4	9
98	No simple answers for the Finnish and Russian Karelia allergy contrast: Methylation of <i>CD14</i> gene. <i>Pediatric Allergy and Immunology</i> , 2016, 27, 721-727.	1.1	8
99	25 years of respiratory health in Finland. <i>Lancet Respiratory Medicine</i> , the, 2019, 7, e16.	5.2	8
100	Comparison of rhinitis treatments using MASK-air data and considering the minimal important difference. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 3002-3014.	2.7	8
101	Nonallergic eosinophilic conjunctivitis. <i>Expert Review of Ophthalmology</i> , 2007, 2, 331-333.	0.3	7
102	Need for medication and stuffy nose predict the severity of allergic rhinitis. <i>Asia Pacific Allergy</i> , 2016, 6, 133-135.	0.6	7
103	Common environmental chemicals do not explain atopy contrast in the Finnish and Russian Karelia. <i>Clinical and Translational Allergy</i> , 2016, 6, 14.	1.4	7
104	Bet v 1 triggers antiviral-type immune signalling in birch-pollen-allergic individuals. <i>Clinical and Experimental Allergy</i> , 2022, 52, 929-941.	1.4	7
105	A strategy for measuring health outcomes and evaluating impacts of interventions on asthma and COPD—common chronic respiratory diseases in Global Alliance against Chronic Respiratory Diseases (GARD) countries. <i>Journal of Thoracic Disease</i> , 2018, 10, 5170-5177.	0.6	6
106	Fast and slow health crises of <i>Homo urbanicus</i> : loss of resilience in communicable diseases, like COVID-19, and non-communicable diseases. <i>Porto Biomedical Journal</i> , 2020, 5, e073.	0.4	6
107	Switching to the Dry-Powder Inhaler Easyhaler®: A Narrative Review of the Evidence. <i>Pulmonary Therapy</i> , 2021, 7, 409-427.	1.1	6
108	Available and affordable complementary treatments for COVID-19: From hypothesis to pilot studies and the need for implementation. <i>Clinical and Translational Allergy</i> , 2022, 12, e12127.	1.4	6

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109	Why medical community should take biodiversity loss seriously?. Porto Biomedical Journal, 2017, 2, 4-5.	0.4	5
110	Dual responses of CD14 methylation to distinct environments: a role in asthma and allergy. European Respiratory Journal, 2017, 50, 1701228.	3.1	5
111	Real-world evidence of reduced disability costs during the Finnish Allergy Programme 2008-2018. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 3817-3819.	2.7	5
112	Comparison of epidemiologic surveillance and Google Trends data on asthma and allergic rhinitis in England. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 675-678.	2.7	5
113	NSAID-exacerbated respiratory disease: a population study. ERJ Open Research, 2022, 8, 00462-2021.	1.1	5
114	Asthma endotypes in elite athletes: A cross-sectional study of European athletes participating in the Olympic Games. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 2250-2253.	2.7	5
115	Biodiversity for resilience-What is needed for allergic children. Pediatric Allergy and Immunology, 2022, 33, .	1.1	5
116	Planet earth is knocking on the doctor's door. Porto Biomedical Journal, 2022, 7, e158.	0.4	4
117	Dietary intake and risk of asthma in children and adults: protocol for a systematic review and meta-analysis. Clinical and Translational Allergy, 2016, 6, 17.	1.4	2
118	Allergy-Related Symptoms Are Poorly Predicted by IgE and Skin Prick Testing in Early Life. International Archives of Allergy and Immunology, 2021, 182, 574-584.	0.9	2
119	The combined effect of exposures to vapours, gases, dusts, fumes and tobacco smoke on current asthma. Clinical Respiratory Journal, 0, , .	0.6	2
120	A national allergy program 2008-2018. Drugs of Today, 2008, 44 Suppl B, 89-90.	0.7	1
121	Asthma as an example of non-communicable diseases - Let us simplify the chain of causality. Porto Biomedical Journal, 2016, 1, 155.	0.4	0
122	Minimising the environmental impact of inhaled therapies. European Respiratory Journal, 2020, 55, 2000721.	3.1	0