Kangmo Ahn

List of Publications by Year
in descending order

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132 papers	3,402 citations	147801 31 h-index	168389 53 g-index
138 all docs	138 docs citations	138 times ranked	4089 citing authors

#	Article	IF	Citations
1	World Allergy Organization-McMaster University Guidelines for Allergic Disease Prevention (GLAD-P): Probiotics. World Allergy Organization Journal, 2015, 8, 4.	3.5	332
2	The role of air pollutants in atopic dermatitis. Journal of Allergy and Clinical Immunology, 2014, 134, 993-999.	2.9	273
3	Symptoms of atopic dermatitis are influenced by outdoor air pollution. Journal of Allergy and Clinical Immunology, 2013, 132, 495-498.e1.	2.9	157
4	World Allergy Organization-McMaster University Guidelines for Allergic Disease Prevention (GLAD-P): Prebiotics. World Allergy Organization Journal, 2016, 9, 10.	3.5	123
5	Perturbations of gut microbiome genes in infants with atopic dermatitis according to feeding type. Journal of Allergy and Clinical Immunology, 2018, 141, 1310-1319.	2.9	112
6	Prenatal maternal distress affects atopic dermatitis in offspring mediated by oxidative stress. Journal of Allergy and Clinical Immunology, 2016, 138, 468-475.e5.	2.9	99
7	Interactions Between Atopic Dermatitis and Staphylococcus aureus Infection: Clinical Implications. Allergy, Asthma and Immunology Research, 2019, 11, 593.	2.9	92
8	The incidence and risk factors of immediate type food allergy during the first year of life in Korean infants: a birth cohort study. Pediatric Allergy and Immunology, 2011, 22, 715-719.	2.6	83
9	A Multicenter Retrospective Case Study of Anaphylaxis Triggers by Age in Korean Children. Allergy, Asthma and Immunology Research, 2016, 8, 535.	2.9	73
10	The Influence of the Time and Temperature of Heat Treatment on the Allergenicity of Egg White Proteins. Allergy, Asthma and Immunology Research, 2013, 5, 96.	2.9	68
11	The prevalence of symptoms of asthma, allergic rhinoconjunctivitis, and eczema in Korean children: Nationwide cross-sectional survey using complex sampling design. Journal of the Korean Medical Association, 2011, 54, 769.	0.3	65
12	Short-term effects of weather and air pollution on atopic dermatitis symptoms in children: A panel study in Korea. PLoS ONE, 2017, 12, e0175229.	2.5	62
13	Sensitization to Aeroallergens in Korean Children: A Population-based Study in 2010. Journal of Korean Medical Science, 2011, 26, 1165.	2.5	61
14	The Cohort for Childhood Origin of Asthma and allergic diseases (COCOA) study: design, rationale and methods. BMC Pulmonary Medicine, 2014, 14, 109.	2.0	60
15	Imbalance of GutStreptococcus,Clostridium, andAkkermansiaDetermines the Natural Course of Atopic Dermatitis in Infant. Allergy, Asthma and Immunology Research, 2020, 12, 322.	2.9	60
16	Prevalence of Immediate-Type Food Allergy in Early Childhood in Seoul. Allergy, Asthma and Immunology Research, 2014, 6, 131.	2.9	58
17	Air Pollution Is Associated With Ischemic Stroke via Cardiogenic Embolism. Stroke, 2017, 48, 17-23.	2.0	55
18	Prevalence of Immediate-Type Food Allergy in Korean Schoolchildren in 2015: A Nationwide, Population-based Study. Allergy, Asthma and Immunology Research, 2017, 9, 410.	2.9	55

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19	Prevalence of Atopic Dermatitis in Korea: Analysis by Using National Statistics. Journal of Korean Medical Science, 2012, 27, 681.	2.5	54
20	Association between particulate matter concentration and symptoms of atopic dermatitis in children living in an industrial urban area of South Korea. Environmental Research, 2018, 160, 462-468.	7.5	53
21	Indoor Air Pollution Aggravates Symptoms of Atopic Dermatitis in Children. PLoS ONE, 2015, 10, e0119501.	2.5	53
22	Epidermal thymic stromal lymphopoietin predicts the development of atopic dermatitis during infancy. Journal of Allergy and Clinical Immunology, 2016, 137, 1282-1285.e4.	2.9	52
23	Age-Based Causes and Clinical Characteristics of Immediate-Type Food Allergy in Korean Children. Allergy, Asthma and Immunology Research, 2017, 9, 423.	2.9	52
24	Particulate matter causes skin barrier dysfunction. JCI Insight, 2021, 6, .	5.0	51
25	Relationship Between Indoor Air Pollutant Levels and Residential Environment in Children With Atopic Dermatitis. Allergy, Asthma and Immunology Research, 2014, 6, 517.	2.9	45
26	The Indoor Level of House Dust Mite Allergen Is Associated with Severity of Atopic Dermatitis in Children. Journal of Korean Medical Science, 2013, 28, 74.	2.5	40
27	World Allergy Organization-McMaster University Guidelines for Allergic Disease Prevention (GLAD-P): Vitamin D. World Allergy Organization Journal, 2016, 9, 17.	3.5	37
28	Exposure to phthalates aggravates pulmonary function and airway inflammation in asthmatic children. PLoS ONE, 2018, 13, e0208553.	2.5	37
29	Recent advances in atopic dermatitis. Current Opinion in Immunology, 2020, 66, 14-21.	5.5	37
30	Prevalence of immediate-type food allergy in Korean schoolchildren: A population-based study. Allergy and Asthma Proceedings, 2012, 33, 481-487.	2.2	34
31	Exposure to phthalates and bisphenol A are associated with atopic dermatitis symptoms in children: a time-series analysis. Environmental Health, 2017, 16, 24.	4.0	33
32	The effects of particulate matter on atopic dermatitis symptoms are influenced by weather type: Application of spatial synoptic classification (SSC). International Journal of Hygiene and Environmental Health, 2018, 221, 823-829.	4.3	32
33	Infantile Anaphylaxis in Korea: a Multicenter Retrospective Case Study. Journal of Korean Medical Science, 2019, 34, e106.	2.5	29
34	Effects of enzymatic hydrolysis of buckwheat protein on antigenicity and allergenicity. Nutrition Research and Practice, 2014, 8, 278.	1.9	28
35	A multicenter study on anaphylaxis caused by peanut, tree nuts, and seeds in children and adolescents. Allergy: European Journal of Allergy and Clinical Immunology, 2017, 72, 507-510.	5.7	27
36	Airborne formaldehyde causes skin barrier dysfunction in atopic dermatitis. British Journal of Dermatology, 2016, 175, 357-363.	1.5	26

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37	Prenatal PM2.5 exposureÂand vitamin Dâ€“associated early persistent atopic dermatitis via placental methylation. Annals of Allergy, Asthma and Immunology, 2020, 125, 665-673.e1.	1.0	26
38	Significance of Ara h 2 in clinical reactivity and effect of cooking methods on allergenicity. Annals of Allergy, Asthma and Immunology, 2013, 110, 34-38.	1.0	22
39	Prenatal Exposure to Lead and Chromium is Associated with IL-13 Levels in Umbilical Cord Blood and Severity of Atopic Dermatitis: COCOA Study. Immune Network, 2019, 19, e42.	3.6	21
40	Consumer's Use and Satisfaction of Allergic Food Labels. Pediatric Allergy and Respiratory Disease, 2011, 21, 294.	0.5	20
41	Prenatal Particulate Matter/Tobacco Smoke Increases Infants' Respiratory Infections: COCOA Study. Allergy, Asthma and Immunology Research, 2015, 7, 573.	2.9	20
42	Association of carbon monoxide levels with allergic diseases in children. Allergy and Asthma Proceedings, 2016, 37, 1-7.	2.2	20
43	Quantile regression analysis of the socioeconomic inequalities in air pollution and birth weight. Environment International, 2020, 142, 105875.	10.0	20
44	Spectrum of susceptibility to air quality and weather in individual children with atopic dermatitis. Pediatric Allergy and Immunology, 2019, 30, 179-187.	2.6	19
45	The Natural Course of Immediate-Type Cowâ€™s Milk and Egg Allergies in Children. International Archives of Allergy and Immunology, 2020, 181, 103-110.	2.1	19
46	A multicenter anaphylaxis registry in Korea: Clinical characteristics and acute treatment details from infants to older adults. World Allergy Organization Journal, 2020, 13, 100449.	3.5	19
47	Diagnostic Decision Points of Specific IgE Concentrations in Korean Children With Egg and Cow's Milk Allergies. Allergy, Asthma and Immunology Research, 2015, 7, 332.	2.9	18
48	Association of ambient air pollution with depressive and anxiety symptoms in pregnant women: A prospective cohort study. International Journal of Hygiene and Environmental Health, 2021, 237, 113823.	4.3	18
49	Significance of 40-, 45-, and 48-kDa Proteins in the Moderate-to-Severe Clinical Symptoms of Buckwheat Allergy. Allergy, Asthma and Immunology Research, 2015, 7, 37.	2.9	17
50	Maternal Perinatal Dietary Patterns Affect Food Allergy Development in Susceptible Infants. Journal of Allergy and Clinical Immunology: in Practice, 2019, 7, 2337-2347.e7.	3.8	17
51	Reliability and validity of the Atopic Dermatitis Symptom Score (ADSS). Pediatric Allergy and Immunology, 2018, 29, 290-295.	2.6	16
52	Prenatal 25-hydroxyvitamin D deficiency affects development of atopic dermatitis via DNA methylation. Journal of Allergy and Clinical Immunology, 2019, 143, 1215-1218.	2.9	16
53	Analysis of regional prevalence of allergic diseases in Korean school children. Allergy Asthma & Respiratory Disease, 2015, 3, 62.	0.2	15
54	The association between hypovitaminosis D and pediatric allergic diseases: A Korean nationwide population-based study. Allergy and Asthma Proceedings, 2016, 37, 64-69.	2.2	15

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55	Flow Cytometry for the Diagnosis of Primary Immunodeficiency Diseases: A Single Center Experience. Allergy, Asthma and Immunology Research, 2020, 12, 292.	2.9	14
56	The Prevalence of Atopic Dermatitis in Korean Children. Allergy, Asthma and Immunology Research, 2016, 8, 1.	2.9	13
57	Diagnostic Value of Specific IgE to Peanut and Ara h 2 in Korean Children with Peanut Allergy. Allergy, Asthma and Immunology Research, 2016, 8, 156.	2.9	13
58	Identification of atopic dermatitis phenotypes with good responses to probiotics (Lactobacillus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	2.4	13
59	Effect of acid treatment on allergenicity of peanut and egg. Journal of the Science of Food and Agriculture, 2017, 97, 2116-2121.	3.5	13
60	Cohort profile: Beyond birth cohort study â€“ The Korean CHildren's ENvironmental health Study (Ko-CHENS). Environmental Research, 2019, 172, 358-366.	7.5	13
61	Interactions Between IL-17 Variants and Streptococcus in the Gut Contribute to the Development of Atopic Dermatitis in Infancy. Allergy, Asthma and Immunology Research, 2021, 13, 404.	2.9	13
62	Risk factors of atopic dermatitis in Korean schoolchildren: 2010 international study of asthma and allergies in childhood. Asian Pacific Journal of Allergy and Immunology, 2016, 34, 65-72.	0.4	13
63	Retrospective Analysis of the Natural History of Atopic Dermatitis Occurring in the First Year of Life in Korean Children. Journal of Korean Medical Science, 2012, 27, 723.	2.5	12
64	Comparison of diverse estimation methods for personal exposure to air pollutants and associations with allergic symptoms: The Allergy & Gene-Environment Link (ANGEL) study. Science of the Total Environment, 2017, 579, 1127-1136.	8.0	12
65	Harmful Effect of Indoor Formaldehyde on Atopic Dermatitis in Children: A Longitudinal Study. Allergy, Asthma and Immunology Research, 2021, 13, 468.	2.9	12
66	Association of IL13 genetic polymorphisms with atopic dermatitis. Annals of Allergy, Asthma and Immunology, 2020, 125, 287-293.	1.0	11
67	Is the Prevalence of Atopic Dermatitis in Korean Children Decreasing? : Analysis of the National Statistics Data, 2009-2014. Asian Pacific Journal of Allergy and Immunology, 2017, 35, 144-149.	0.4	11
68	Infrared camera-proven water-damaged homes are associated with the severity of atopic dermatitis in children. Annals of Allergy, Asthma and Immunology, 2014, 113, 549-555.	1.0	10
69	Perception of food allergy among parents and school health instructors: A nationwide survey in 2015. Allergy Asthma & Respiratory Disease, 2018, 6, 97.	0.2	10
70	Mid-pregnancy PM2.5 exposure affects sex-specific growth trajectories via ARRDC3 methylation. Environmental Research, 2021, 200, 111640.	7.5	10
71	The past, present, and future of the research on food allergy in Korean children. Allergy Asthma & Respiratory Disease, 2018, 6, S44.	0.2	10
72	Special consideration is required for the component-resolved diagnosis of egg allergy in infants. Annals of Allergy, Asthma and Immunology, 2014, 112, 53-57.	1.0	9

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73	Particulate matter at third trimester and respiratory infection in infants, modified by GSTM1. Pediatric Pulmonology, 2020, 55, 245-253.	2.0	9
74	Leukocyte Telomere Length Reflects Prenatal Stress Exposure, But Does Not Predict Atopic Dermatitis Development at 1 Year. Allergy, Asthma and Immunology Research, 2019, 11, 357.	2.9	9
75	Dietary Diversity during Early Infancy Increases Microbial Diversity and Prevents Egg Allergy in High-Risk Infants. Immune Network, 2022, 22, e17.	3.6	9
76	Exposure to mould allergens and rhinoconjunctivitis in Korean children. Pediatric Allergy and Immunology, 2016, 27, 290-298.	2.6	8
77	Reference Values and Utility of Serum Total Immunoglobulin E for Predicting Atopy and Allergic Diseases in Korean Schoolchildren. Journal of Korean Medical Science, 2017, 32, 803.	2.5	8
78	Effects of Exposure to Indoor Fine Particulate Matter on Atopic Dermatitis in Children. International Journal of Environmental Research and Public Health, 2021, 18, 11509.	2.6	8
79	Clinical Characteristics of Atopic Dermatitis in Korean School-Aged Children and Adolescents According to Onset Age and Severity. Journal of Korean Medical Science, 2022, 37, e30.	2.5	8
80	Excessive Food Restriction in Children with Atopic Dermititis. Korean Journal of Community Nutrition, 2011, 16, 627.	1.0	7
81	The Interaction Between Prenatal Exposure to Home Renovation and Reactive Oxygen Species Genes in Cord Blood IgE Response is Modified by Maternal Atopy. Allergy, Asthma and Immunology Research, 2016, 8, 41.	2.9	7
82	Impact of solar ultraviolet radiation on atopic dermatitis symptoms in young children: A longitudinal study. Pediatric Allergy and Immunology, 2017, 28, 551-556.	2.6	7
83	Hepatitis B immunogenicity after a primary vaccination course associated with childhood asthma, allergic rhinitis, and allergen sensitization. Pediatric Allergy and Immunology, 2018, 29, 221-224.	2.6	7
84	Prenatal mold exposure is associated with development of atopic dermatitis in infants through allergic inflammation. Jornal De Pediatria, 2020, 96, 125-131.	2.0	7
85	Home-Based Up-Dosing in Build-Up Phase of Oral Immunotherapy of Egg Allergy Is Safe and Feasible in Real-World Practice. Allergy, Asthma and Immunology Research, 2021, 13, 791.	2.9	7
86	Time Trends in the Prevalence of Atopic Dermatitis in Korean Children According to Age. Allergy, Asthma and Immunology Research, 2022, 14, 123.	2.9	7
87	The Usefulness of Component-Resolved Diagnostics in Food Allergy. Allergy, Asthma and Immunology Research, 2014, 6, 103.	2.9	6
88	Indoor environmental factors associated with wheezing illness and asthma in South Korean children: phase III of the International Study of Asthma and Allergies in Childhood. Journal of Asthma, 2014, 51, 943-949.	1.7	6
89	Lateâ€onset noninfectious interstitial lung disease following autologous haematopoietic stem cell transplantation in paediatric patients. Respirology, 2016, 21, 1068-1074.	2.3	6
90	Prenatal particulate matter exposure with skin barrier dysfunction affects offspring's atopic dermatitis: COCOA study. Journal of Allergy and Clinical Immunology: in Practice, 2020, 8, 2062-2065.e5.	3.8	6

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91	Interaction between 25-hydroxyvitamin D and variants at 17q12-21 on respiratory infections. Pediatric Pulmonology, 2016, 51, 958-967.	2.0	5
92	Trimethoprim-sulfamethoxazole induces acute pancreatitis associated with drug-specific cytotoxic T lymphocytes. Journal of Allergy and Clinical Immunology: in Practice, 2019, 7, 336-338.	3.8	5
93	Exposure to cold airflow alters skin pH and epidermal filaggrin degradation products in children with atopic dermatitis. Allergology International, 2020, 69, 429-436.	3.3	5
94	Effect of earlyâ€life antibiotic exposure and ILâ€13 polymorphism on atopic dermatitis phenotype. Pediatric Allergy and Immunology, 2021, 32, 1445-1454.	2.6	5
95	Pulmonary function of healthy Korean children from three independent birth cohorts: Validation of the Global Lung Function Initiative 2012 equation. Pediatric Pulmonology, 2021, 56, 3310-3320.	2.0	5
96	Sleep disturbance in children with allergic disease. Allergy Asthma & Respiratory Disease, 2015, 3, 70.	0.2	5
97	Natural course and prognostic factors of chronic urticaria in Korean children: A single center experience. Asian Pacific Journal of Allergy and Immunology, 2019, 37, 19-24.	0.4	5
98	Atopic dermatitis endotypes: knowledge for personalized medicine. Current Opinion in Allergy and Clinical Immunology, 2022, 22, 153-159.	2.3	5
99	Differences of the Clinical Manifestations and Laboratory Tests between Monosensitized and Polysensitized Children: A Single Center Study. Pediatric Allergy and Respiratory Disease, 2011, 21, 277.	0.5	4
100	Positive conversion of specific IgE against house dust mite in children with atopic dermatitis under 24 months of age. Allergy Asthma & Respiratory Disease, 2013, 1, 350.	0.2	4
101	Identification of a Novel Mutation in the CYBB Gene, p.Asp378Gly, in a Patient With X-linked Chronic Granulomatous Disease. Allergy, Asthma and Immunology Research, 2014, 6, 366.	2.9	4
102	Gut linoleic acid is associated with the severity of atopic dermatitis and sensitization to egg white/milk in infants. Pediatric Allergy and Immunology, 2021, 32, 382-385.	2.6	4
103	Dog Ownership in Early Life Increased the Risk of Nonatopic Asthma in Children. International Archives of Allergy and Immunology, 2021, 182, 980-988.	2.1	4
104	Effect of prenatal phthalate exposure on childhood atopic dermatitis: A systematic review and meta-analysis. Allergy and Asthma Proceedings, 2021, 42, e116-e125.	2.2	4
105	Natural Course and Prognostic Factors of Immediate-Type Peanut Allergy in Children. International Archives of Allergy and Immunology, 2021, 182, 1072-1076.	2.1	4
106	Beneficial effect of nasal saline irrigation in children with allergic rhinitis and asthma: A randomized clinical trial. Asian Pacific Journal of Allergy and Immunology, 2020, 38, 251-257.	0.4	4
107	Identification of a novel mutation in theCHD7gene in a patient with CHARGE syndrome. Korean Journal of Pediatrics, 2014, 57, 46.	1.9	4
108	Education Effect of Camp Program for Atopic Dermatitis. Pediatric Allergy and Respiratory Disease, 2012, 22, 127.	0.5	3

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109	Harmful Effects of Ambient Nitrogen Dioxide on Atopic Dermatitis: Comparison of Exposure Assessment Based on Monitored Concentrations and Modeled Estimates. Atmosphere, 2020, 11, 921.	2.3	3
110	Systematic review of literature and analysis of big data from the National Health Insurance System on primary immunodeficiencies in Korea. Clinical and Experimental Pediatrics, 2021, 64, 141-148.	2.2	3
111	The risk of preschool asthma at 2-4 years is not associated with leukocyte telomere length at birth or at 1 year of age. Asia Pacific Allergy, 2019, 9, e33.	1.3	3
112	Effect of the indoor environment on atopic dermatitis in children. Allergy Asthma & Respiratory Disease, 2020, 8, 175.	0.2	3
113	Association between ambient air pollution and perceived stress in pregnant women. Scientific Reports, 2021, 11, 23496.	3.3	3
114	Prevention of food allergy in infants: recommendation for infant feeding and complementary food introduction. Allergy Asthma & Respiratory Disease, 2015, 3, 320.	0.2	2
115	Mixed plant extract-dependent exercise-induced anaphylaxis. Allergy Asthma & Respiratory Disease, 2015, 3, 219.	0.2	2
116	Impact of environmental factors in predicting daily severity scores of atopic dermatitis. Clinical and Translational Allergy, 2021, 11, e12019.	3.2	2
117	Seasonal and monthly variation in peak expiratory flow rate in children with asthma. Asia Pacific Allergy, 2021, 11, e19.	1.3	2
118	The Detrimental Effects of Phthalates on Allergic Diseases. Allergy, Asthma and Immunology Research, 2022, 14, 285.	2.9	2
119	Food allergy in early childhood increases the risk of oral allergy syndrome in schoolchildren: A birth cohort study. Pediatric Allergy and Immunology, 2022, 33, .	2.6	2
120	Clinical characteristics and causative food types of immediate-type cow's milk and egg white allergy in children. Allergy Asthma & Respiratory Disease, 2017, 5, 351.	0.2	1
121	Exposure amount and timing of solar irradiation during pregnancy and the risk of sensitization in children. Allergology International, 2018, 67, 225-233.	3.3	1
122	The Interaction Between Prenatal Exposure to Home Renovation and Reactive Oxygen Species Genes in Cord Blood IgE Response is Modified by Maternal Atopy. Allergy, Asthma and Immunology Research, 2016, 8, 41.	2.9	1
123	A case of Hyper-IgE syndrome with a mutation of the STAT3 gene. Korean Journal of Pediatrics, 2010, 53, 592.	1.9	1
124	A case ofFLNAgene mutation with respiratory insufficiency and periventricular heterotopia. Allergy Asthma & Respiratory Disease, 2019, 7, 158.	0.2	1
125	The Usefulness of Exhaled Nitric Oxide Test in Exercise-Induced Bronchoconstriction. Pediatric Allergy and Respiratory Disease, 2011, 21, 71.	0.5	0
126	Clinical Course of Endobrochial Tuberculosis Diagnosed by Flexible Bronchoscopy in Children. Pediatric Allergy and Respiratory Disease, 2012, 22, 197.	0.5	0

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127	Comparative Analysis of Immunoreactivity between Individual Serum and Pooled Serum in Serum Screening. Pediatric Allergy and Respiratory Disease, 2012, 22, 390.	0.5	0
128	Intervention of Particulate Matter: What Can We Do for Asthmatic Patients?. Allergy, Asthma and Immunology Research, 2021, 13, 677.	2.9	0
129	Analysis of respiratory problems in CHARGE syndrome: a single center study. Allergy Asthma & Respiratory Disease, 2014, 2, 70.	0.2	0
130	The Prevalence of Atopic Dermatitis in Korean Children. Allergy, Asthma and Immunology Research, 2016, 8, 1.	2.9	0
131	Intravenous cidofovir as an adjuvant therapy for recurrent upper airway papillomatosis with lung involvement in a child. Allergy Asthma & Respiratory Disease, 2022, 10, 45.	0.2	0
132	A case of food-induced acute pancreatitis in a child with egg white allergy. Allergy Asthma & Respiratory Disease, 2022, 10, 123.	0.2	0