

# Dennis R Ownby

## List of Publications by Year in descending order

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Version: 2024-02-01

61  
papers

3,553  
citations

236925

25  
h-index

138484

58  
g-index

87  
all docs

87  
docs citations

87  
times ranked

4738  
citing authors

#	ARTICLE	IF	CITATIONS
1	Neonatal gut microbiota associates with childhood multisensitized atopy and T cell differentiation. <i>Nature Medicine</i> , 2016, 22, 1187-1191.	30.7	844
2	Exposure to Dogs and Cats in the First Year of Life and Risk of Allergic Sensitization at 6 to 7 Years of Age. <i>JAMA - Journal of the American Medical Association</i> , 2002, 288, 963.	7.4	619
3	House dust exposure mediates gut microbiome <i>Lactobacillus</i> enrichment and airway immune defense against allergens and virus infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 805-810.	7.1	374
4	Man's best friend? The effect of pet ownership on house dust microbial communities. <i>Journal of Allergy and Clinical Immunology</i> , 2010, 126, 410-412.e3.	2.9	205
5	Elevated faecal 12,13-diHOME concentration in neonates at high risk for asthma is produced by gut bacteria and impedes immune tolerance. <i>Nature Microbiology</i> , 2019, 4, 1851-1861.	13.3	148
6	Joint effects of pregnancy, sociocultural, and environmental factors on early life gut microbiome structure and diversity. <i>Scientific Reports</i> , 2016, 6, 31775.	3.3	122
7	Relationship between prenatal antibiotic use and asthma in at-risk children. <i>Annals of Allergy, Asthma and Immunology</i> , 2015, 114, 203-207.	1.0	92
8	A history of latex allergy. <i>Journal of Allergy and Clinical Immunology</i> , 2002, 110, S27-S32.	2.9	77
9	Atopic phenotypes identified with latent class analyses at Age 2 years. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 134, 722-727.e2.	2.9	77
10	NIAID, NIEHS, NHLBI, and MCAN Workshop Report: The indoor environment and childhood asthma—implications for home environmental intervention in asthma prevention and management. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 933-949.	2.9	75
11	Effect of prenatal indoor pet exposure on the trajectory of total IgE levels in early childhood. <i>Journal of Allergy and Clinical Immunology</i> , 2011, 128, 880-885.e4.	2.9	66
12	Differences in allergic sensitization by self-reported race and genetic ancestry. <i>Journal of Allergy and Clinical Immunology</i> , 2008, 122, 820-827.e9.	2.9	60
13	Expression quantitative trait locus fine mapping of the 17q12 asthma locus in African American children: a genetic association and gene expression study. <i>Lancet Respiratory Medicine</i> , 2020, 8, 482-492.	10.7	47
14	Rural Asthma: Current Understanding of Prevalence, Patterns, and Interventions for Children and Adolescents. <i>Current Allergy and Asthma Reports</i> , 2017, 17, 37.	5.3	43
15	Does exposure to dogs and cats in the first year of life influence the development of allergic sensitization?. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2003, 3, 517-522.	2.3	42
16	Indoor pet exposure and the outcomes of total IgE and sensitization at age 18 years. <i>Journal of Allergy and Clinical Immunology</i> , 2010, 126, 274-279.e5.	2.9	41
17	Childhood Asthma Incidence, Early and Persistent Wheeze, and Neighborhood Socioeconomic Factors in the ECHO/CREW Consortium. <i>JAMA Pediatrics</i> , 2022, 176, 759.	6.2	41
18	Breast Milk Transforming Growth Factor $\beta 2$ Is Associated With Neonatal Gut Microbial Composition. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2017, 65, e60-e67.	1.8	40

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19	Allergies and Asthma: Do Atopic Disorders Result from Inadequate Immune Homeostasis arising from Infant Gut Dysbiosis?. Expert Review of Clinical Immunology, 2016, 12, 379-388.	3.0	39
20	Asthma in rural America. Annals of Allergy, Asthma and Immunology, 2005, 95, S17-S22.	1.0	34
21	Sensitivity and Specificity of Asthma Definitions and Symptoms Used in a Survey of Childhood Asthma. Journal of Asthma, 1999, 36, 565-573.	1.7	31
22	Comparison of asthma prevalence among African American teenage youth attending public high schools in rural Georgia and urban Detroit. Journal of Allergy and Clinical Immunology, 2015, 136, 595-600.e3.	2.9	30
23	Association between vitamin D levels and allergy-related outcomes vary by race and other factors. Journal of Allergy and Clinical Immunology, 2015, 136, 1309-1314.e4.	2.9	30
24	Exploring racial differences in IgE-mediated food allergy in the WHEALS birth cohort. Annals of Allergy, Asthma and Immunology, 2016, 116, 219-224.e1.	1.0	28
25	Pediatric asthma incidence rates in the United States from 1980 to 2017. Journal of Allergy and Clinical Immunology, 2021, 148, 1270-1280.	2.9	28
26	Differentiating asthma phenotypes in young adults through polyclonal cytokine profiles. Annals of Allergy, Asthma and Immunology, 2014, 113, 25-30.	1.0	27
27	The Relationship of Physical Activity and Percentage of Body Fat to the Risk of Asthma in 8- to 10-year-old Children. Journal of Asthma, 2007, 44, 885-889.	1.7	23
28	Maternal gut microbiome regulates immunity to RSV infection in offspring. Journal of Experimental Medicine, 2021, 218, .	8.5	22
29	Dog Allergen Levels in Homes with Hypoallergenic Compared with Nonhypoallergenic Dogs. American Journal of Rhinology and Allergy, 2011, 25, 252-256.	2.0	21
30	Pet dander and difficult-to-control asthma: The burden of illness. Allergy and Asthma Proceedings, 2010, 31, 381-384.	2.2	20
31	Variation of dust endotoxin concentrations by location and time within homes of young children. Pediatric Allergy and Immunology, 2010, 21, 533-540.	2.6	18
32	Will the real inner-city allergen please stand up?. Journal of Allergy and Clinical Immunology, 2013, 132, 836-837.	2.9	15
33	Relationship of Dog- and Cat-Specific IgE and IgG4 Levels to Allergic Symptoms on Pet Exposure. Journal of Allergy and Clinical Immunology: in Practice, 2013, 1, 350-353.	3.8	15
34	Recent Understandings of Pet Allergies. F1000Research, 2016, 5, 108.	1.6	14
35	Infant gut bacterial community composition and food-related manifestation of atopy in early childhood. Pediatric Allergy and Immunology, 2022, 33, .	2.6	13
36	Pilot study of a randomized trial to evaluate a Web-based intervention targeting adolescents presenting to the emergency department with acute asthma. Pilot and Feasibility Studies, 2018, 4, 5.	1.2	11

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37	Recruitment experience for a pragmatic randomized controlled trial: Using EMR initiatives and minimizing research infrastructure. <i>Clinical Research and Regulatory Affairs</i> , 2016, 33, 25-32.	2.1	9
38	Maternal and cord blood vitamin D level and the infant gut microbiota in a birth cohort study. <i>Maternal Health, Neonatology and Perinatology</i> , 2020, 6, 5.	2.2	9
39	Improving efficiency and reducing costs: Design of an adaptive, seamless, and enriched pragmatic efficacy trial of an online asthma management program. <i>Contemporary Clinical Trials</i> , 2014, 38, 19-27.	1.8	8
40	Birth weight and asthma incidence by asthma phenotype pattern in a racially diverse cohort followed through adolescence. <i>Journal of Asthma</i> , 2015, 52, 1006-1012.	1.7	8
41	Relationship between in utero C-reactive protein levels and asthma in at-risk children. <i>Annals of Allergy, Asthma and Immunology</i> , 2015, 115, 282-287.	1.0	8
42	The impact of traditional literacy and education on health literacy in adolescents with asthma. <i>Journal of Asthma</i> , 2019, 56, 882-890.	1.7	7
43	Strategies for distinguishing asymptomatic latex sensitization from true occupational allergy or asthma. <i>Annals of Allergy, Asthma and Immunology</i> , 2003, 90, 42-46.	1.0	6
44	Using a physician panel to estimate food allergy prevalence in a longitudinal birth cohort. <i>Annals of Epidemiology</i> , 2014, 24, 551-553.	1.9	6
45	Breast-feeding and delivery mode modify the association between maternal atopy and childhood allergic outcomes. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 2002-2004.e2.	2.9	6
46	Associations of physical activity with gut microbiota in pre-adolescent children. <i>Physical Activity and Nutrition</i> , 2021, 25, 24-37.	0.8	6
47	Allergic sensitization in American children of Middle Eastern ethnicity at age 2. <i>Annals of Allergy, Asthma and Immunology</i> , 2017, 119, 464-466.	1.0	5
48	Increased risk of asthma at age 10 years for children sensitized to multiple allergens. <i>Annals of Allergy, Asthma and Immunology</i> , 2021, 127, 441-445.e1.	1.0	5
49	Early-life gut microbiota and attention deficit hyperactivity disorder in preadolescents. <i>Pediatric Research</i> , 2023, 93, 2051-2060.	2.3	5
50	Race-Specific Association of Caesarean-Section Delivery with Body Size at Age 2 Years. <i>Ethnicity and Disease</i> , 2016, 26, 61.	2.3	4
51	Initiating an online asthma management program in urban emergency departments: the recruitment experience. <i>Annals of Allergy, Asthma and Immunology</i> , 2016, 116, 43-48.	1.0	4
52	Airborne Tire Particles in the Environment: A Possible Asthma Risk from Latex Proteins?. <i>Human and Ecological Risk Assessment (HERA)</i> , 2003, 9, 1505-1518.	3.4	3
53	Influence of dose and frequency of antigen injection on IgE development in young children: a comparison of fire ant stings and tetanus immunizations. <i>Annals of Allergy, Asthma and Immunology</i> , 2009, 103, 337-341.	1.0	3
54	Phase II trial of web-based tailored asthma management intervention in adolescents at clinics. <i>Contemporary Clinical Trials</i> , 2019, 82, 46-52.	1.8	3

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55	A distributed geospatial approach to describe community characteristics for multisite studies. <i>Journal of Clinical and Translational Science</i> , 2021, 5, e86.	0.6	3
56	Participant-level characteristics differ by recruitment setting when evaluating a behavioral intervention targeting adolescents with asthma. <i>Journal of Asthma</i> , 2021, 58, 370-377.	1.7	2
57	New Diagnosis of Common Variable Immunodeficiency in a 12-Year-Old With Pneumonia: An Illustrative Case. <i>Hospital Pediatrics</i> , 2014, 4, 251-255.	1.3	1
58	Allergic sensitization does not differ between childhood- and adolescent-onset asthma in women. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 146, 1437-1438.e5.	2.9	1
59	A new beginning!. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 134, 602-603.	2.9	0
60	Association of exhaled nitric oxide with ethnicity and sex in rural Georgia youth. <i>Annals of Allergy, Asthma and Immunology</i> , 2019, 122, 333-334.e1.	1.0	0
61	A Patient-Centered Asthma Management Communication Intervention for Rural Latino Children: Protocol for a Waiting-List Randomized Controlled Trial. <i>JMIR Research Protocols</i> , 2020, 9, e18977.	1.0	0