

Nicholas J Osborne

List of Publications by Year in descending order

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Version: 2024-02-01

109
papers

6,923
citations

71102

41
h-index

58581

82
g-index

112
all docs

112
docs citations

112
times ranked

7830
citing authors

#	ARTICLE	IF	CITATIONS
1	Prevalence of challenge-proven IgE-mediated food allergy using population-based sampling and predetermined challenge criteria in infants. <i>Journal of Allergy and Clinical Immunology</i> , 2011, 127, 668-676.e2.	2.9	851
2	Iron-Overload-Related Disease in <i>HFE</i> Hereditary Hemochromatosis. <i>New England Journal of Medicine</i> , 2008, 358, 221-230.	27.0	649
3	Can early introduction of egg prevent egg allergy in infants? A population-based study. <i>Journal of Allergy and Clinical Immunology</i> , 2010, 126, 807-813.	2.9	357
4	Beyond greenspace: an ecological study of population general health and indicators of natural environment type and quality. <i>International Journal of Health Geographics</i> , 2015, 14, 17.	2.5	252
5	Which infants with eczema are at risk of food allergy? Results from a population-based cohort. <i>Clinical and Experimental Allergy</i> , 2015, 45, 255-264.	2.9	249
6	Urinary Bisphenol A Concentration and Risk of Future Coronary Artery Disease in Apparently Healthy Men and Women. <i>Circulation</i> , 2012, 125, 1482-1490.	1.6	242
7	Indoor fungal diversity and asthma: A meta-analysis and systematic review of risk factors. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 135, 110-122.	2.9	240
8	Vitamin D insufficiency is associated with challenge-proven food allergy in infants. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 131, 1109-1116.e6.	2.9	223
9	The toxins of <i>Lyngbya majuscula</i> and their human and ecological health effects. <i>Environment International</i> , 2001, 27, 381-392.	10.0	214
10	Increasing the accuracy of peanut allergy diagnosis by using Ara h 2. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 129, 1056-1063.	2.9	208
11	Associations between socioeconomic status and environmental toxicant concentrations in adults in the USA: NHANES 2001-2010. <i>Environment International</i> , 2013, 59, 328-335.	10.0	176
12	Research note: Urban street tree density and antidepressant prescription rates—A cross-sectional study in London, UK. <i>Landscape and Urban Planning</i> , 2015, 136, 174-179.	7.5	154
13	The natural history and clinical predictors of egg allergy in the first 2 years of life: A prospective, population-based cohort study. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, 485-491.e6.	2.9	130
14	<i>HFE</i> C282Y homozygotes are at increased risk of breast and colorectal cancer. <i>Hepatology</i> , 2010, 51, 1311-1318.	7.3	123
15	Environmental and demographic risk factors for egg allergy in a population-based study of infants. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2012, 67, 1415-1422.	5.7	115
16	Prevalence, Associated Factors, and Comorbid Conditions for Ménière's Disease. <i>Ear and Hearing</i> , 2014, 35, e162-e169.	2.1	111
17	Prevalence of eczema and food allergy is associated with latitude in Australia. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 129, 865-867.	2.9	105
18	<i>HFE</i> C282Y/H63D compound heterozygotes are at low risk of hemochromatosis-related morbidity. <i>Hepatology</i> , 2009, 50, 94-101.	7.3	101

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19	The Impact of Family History of Allergy on Risk of Food Allergy: A Population-Based Study of Infants. <i>International Journal of Environmental Research and Public Health</i> , 2013, 10, 5364-5377.	2.6	101
20	The HealthNuts population-based study of paediatric food allergy: validity, safety and acceptability. <i>Clinical and Experimental Allergy</i> , 2010, 40, 1516-1522.	2.9	98
21	What accounts for "England's green and pleasant land"? A panel data analysis of mental health and land cover types in rural England. <i>Landscape and Urban Planning</i> , 2015, 142, 38-46.	7.5	98
22	Is caesarean delivery associated with sensitization to food allergens and IgE-mediated food allergy: A systematic review. <i>Pediatric Allergy and Immunology</i> , 2008, 19, 682-687.	2.6	91
23	Childhood eczema and rhinitis predict atopic but not nonatopic adult asthma: A prospective cohort study over 4 decades. <i>Journal of Allergy and Clinical Immunology</i> , 2011, 127, 1473-1479.e1.	2.9	90
24	Urinary Bisphenol A Concentration and Angiography-Defined Coronary Artery Stenosis. <i>PLoS ONE</i> , 2012, 7, e43378.	2.5	88
25	The Natural History of Serum Iron Indices for HFE C282Y Homozygosity Associated With Hereditary Hemochromatosis. <i>Gastroenterology</i> , 2008, 135, 1945-1952.	1.3	86
26	Pollen exposure and hospitalization due to asthma exacerbations: daily time series in a European city. <i>International Journal of Biometeorology</i> , 2017, 61, 1837-1848.	3.0	85
27	Predetermined challenge eligibility and cessation criteria for oral food challenges in the HealthNuts population-based study of infants. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 129, 1145-1147.	2.9	80
28	Cohort Profile: The HealthNuts Study: Population prevalence and environmental/genetic predictors of food allergy. <i>International Journal of Epidemiology</i> , 2015, 44, 1161-1171.	1.9	80
29	Mapping allergenic pollen vegetation in UK to study environmental exposure and human health. <i>Science of the Total Environment</i> , 2017, 599-600, 483-499.	8.0	80
30	The prevalence and socio-demographic risk factors of clinical eczema in infancy: a population-based observational study. <i>Clinical and Experimental Allergy</i> , 2013, 43, 642-651.	2.9	76
31	Temperate airborne grass pollen defined by spatio-temporal shifts in community composition. <i>Nature Ecology and Evolution</i> , 2019, 3, 750-754.	7.8	75
32	A novel association between a SNP in <i>CYBRD1</i> and serum ferritin levels in a cohort study of <i>HFE</i> hereditary haemochromatosis. <i>British Journal of Haematology</i> , 2009, 147, 140-149.	2.5	61
33	Higher energy efficient homes are associated with increased risk of doctor diagnosed asthma in a UK subpopulation. <i>Environment International</i> , 2015, 75, 234-244.	10.0	57
34	Implementation of quantitative microbial risk assessment (QMRA) for public drinking water supplies: Systematic review. <i>Water Research</i> , 2020, 174, 115614.	11.3	55
35	Polymorphisms affecting vitamin D-binding protein modify the relationship between serum vitamin D (25[OH]D3) and food allergy. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 500-506.e4.	2.9	52
36	Characterisation of Leucaena condensed tannins by size and protein precipitation capacity. <i>Journal of the Science of Food and Agriculture</i> , 2001, 81, 1113-1119.	3.5	49

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37	Epidemiology of anaphylaxis. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2009, 9, 351-356.	2.3	47
38	<i>HFE</i> Cys282Tyr homozygotes with serum ferritin concentrations below 1000 µg/L are at low risk of hemochromatosis. <i>Hepatology</i> , 2010, 52, 925-933.	7.3	47
39	Modifiable factors governing indoor fungal diversity and risk of asthma. <i>Clinical and Experimental Allergy</i> , 2014, 44, 631-641.	2.9	47
40	High Urinary Tungsten Concentration Is Associated with Stroke in the National Health and Nutrition Examination Survey 1999–2010. <i>PLoS ONE</i> , 2013, 8, e77546.	2.5	47
41	Variable risk of atopic disease due to indoor fungal exposure in NHANES 2005–2006. <i>Clinical and Experimental Allergy</i> , 2015, 45, 1566-1578.	2.9	46
42	Mental Health and Subjective Well-being of Individuals With Ménière's. <i>Otology and Neurotology</i> , 2015, 36, 854-861.	1.3	42
43	Fuel poverty increases risk of mould contamination, regardless of adult risk perception & ventilation in social housing properties. <i>Environment International</i> , 2015, 79, 115-129.	10.0	42
44	Health effects of recreational exposure to Moreton Bay, Australia waters during a <i>Lyngbya majuscula</i> bloom. <i>Environment International</i> , 2007, 33, 309-314.	10.0	41
45	Persistent Food Allergy and Food Allergy Coexistent with Eczema Is Associated with Reduced Growth in the First 4 Years of Life. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2016, 4, 248-256.e3.	3.8	40
46	Phthalates and asthma in children and adults: US NHANES 2007–2012. <i>Environmental Science and Pollution Research</i> , 2019, 26, 28256-28269.	5.3	38
47	Data Mashups: Potential Contribution to Decision Support on Climate Change and Health. <i>International Journal of Environmental Research and Public Health</i> , 2014, 11, 1725-1746.	2.6	35
48	Paradigmatic approaches to studying environment and human health: (Forgotten) implications for interdisciplinary research. <i>Environmental Science and Policy</i> , 2013, 25, 218-228.	4.9	33
49	The Weather and Ménière's Disease: A Longitudinal Analysis in the UK. <i>Otology and Neurotology</i> , 2017, 38, 225-233.	1.3	30
50	Toxic alkaloids in <i>Lyngbya majuscula</i> and related tropical marine cyanobacteria. <i>Harmful Algae</i> , 2014, 31, 1-8.	4.8	29
51	Predicting the severity of the grass pollen season and the effect of climate change in Northwest Europe. <i>Science Advances</i> , 2021, 7, .	10.3	28
52	Soy consumption is not a risk factor for peanut sensitization. <i>Journal of Allergy and Clinical Immunology</i> , 2008, 121, 1455-1459.	2.9	24
53	Environmental and genetic determinants of vitamin D insufficiency in 12-month-old infants. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2014, 144, 445-454.	2.5	23
54	Environmental DNA reveals links between abundance and composition of airborne grass pollen and respiratory health. <i>Current Biology</i> , 2021, 31, 1995-2003.e4.	3.9	21

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55	Identifying risk factors for exposure to culturable allergenic moulds in energy efficient homes by using highly specific monoclonal antibodies. <i>Environmental Research</i> , 2016, 144, 32-42.	7.5	19
56	SNP selection for genes of iron metabolism in a study of genetic modifiers of hemochromatosis. <i>BMC Medical Genetics</i> , 2008, 9, 18.	2.1	18
57	HFE C282Y Homozygosity Is Associated with an Increased Risk of Total Hip Replacement for Osteoarthritis. <i>Seminars in Arthritis and Rheumatism</i> , 2012, 41, 872-878.	3.4	18
58	Mainstreaming Carbon Management in Healthcare Systems: A Bottom-Up Modeling Approach. <i>Environmental Science & Technology</i> , 2013, 47, 678-686.	10.0	18
59	Dermal toxicology of <i>Lyngbya majuscula</i> , from Moreton Bay, Queensland, Australia. <i>Harmful Algae</i> , 2008, 7, 584-589.	4.8	17
60	Dermatitis associated with exposure to a marine cyanobacterium during recreational water exposure. <i>BMC Dermatology</i> , 2008, 8, 5.	2.1	16
61	Coastal climate is associated with elevated solar irradiance and higher 25(OH)D level. <i>Environment International</i> , 2015, 77, 76-84.	10.0	16
62	<i>HFE</i> p.C282Y homozygosity predisposes to rapid serum ferritin rise after menopause: A genotype-stratified cohort study of hemochromatosis in Australian women. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2017, 32, 797-802.	2.8	16
63	Indoor Fungal Exposure and Allergic Respiratory Disease. <i>Current Allergy and Asthma Reports</i> , 2015, 15, 71.	5.3	15
64	Coastal clustering of HEV; Cornwall, UK. <i>European Journal of Gastroenterology and Hepatology</i> , 2016, 28, 323-327.	1.6	15
65	Association of Infant Eczema with Childhood and Adult Asthma: Analysis of Data from the 1958 Birth Cohort Study. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1415.	2.6	14
66	Two decades of chronic kidney disease of unknown aetiology (CKDu) research: Existing evidence and persistent gaps from epidemiological studies in Sri Lanka. <i>Nephrology</i> , 2022, 27, 238-247.	1.6	14
67	A comparison of self-reported and record-linked blood donation history in an Australian cohort. <i>Transfusion</i> , 2011, 51, 2189-2198.	1.6	13
68	Methylation of the filaggrin gene promoter does not affect gene expression and allergy. <i>Pediatric Allergy and Immunology</i> , 2014, 25, 608-610.	2.6	13
69	Air pollution and asthma. <i>Archives of Disease in Childhood</i> , 2018, 103, 813-814.	1.9	12
70	Interethnic differences in drug glucuronidation: a comparison of paracetamol metabolism in Caucasians and Chinese. <i>British Journal of Clinical Pharmacology</i> , 1991, 32, 765-7.	2.4	12
71	Do Factors Known to Alter Infant Microbial Exposures Alter the Risk of Food Allergy and Eczema in a Population-based Infant Study?. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 129, AB231.	2.9	11
72	Integrating dispersion modelling and lichen sampling to assess harmful heavy metal pollution around the Karabash copper smelter, Russian Federation. <i>Atmospheric Pollution Research</i> , 2015, 6, 939-945.	3.8	11

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73	Perturbation of paracetamol urinary metabolic ratios by urine flow rate.. British Journal of Clinical Pharmacology, 1992, 34, 359-362.	2.4	10
74	Prevalence of allergen avoidance advisory statements on packaged processed foods in a supermarket. Medical Journal of Australia, 2010, 193, 426-427.	1.7	10
75	Climatic factors are associated with asthma prevalence: An ecological study using English quality outcomes framework general practitioner practice data. Science of the Total Environment, 2021, 779, 146478.	8.0	10
76	The Epidemiology of Food Sensitization-Associated Eczema in Infancy in HealthNuts, a Population-based Study. Journal of Allergy and Clinical Immunology, 2011, 127, AB35-AB35.	2.9	6
77	Association between Serum 25-Hydroxy Vitamin D Levels and the Prevalence of Adult-Onset Asthma. International Journal of Environmental Research and Public Health, 2018, 15, 1103.	2.6	6
78	Environmental factors associated with general practitioner consultations for allergic rhinitis in London, England: a retrospective time series analysis. BMJ Open, 2020, 10, e036724.	1.9	6
79	Epidemiology of coronial deaths from pesticide ingestion in Australia. International Journal of Hygiene and Environmental Health, 2017, 220, 478-484.	4.3	5
80	Impact of low-intensity heat events on mortality and morbidity in regions with hot, humid summers: a scoping literature review. International Journal of Biometeorology, 2022, 66, 1013-1029.	3.0	5
81	Soy Consumption Is Associated With Peanut Sensitisation; Cause Or Confounding?. Journal of Allergy and Clinical Immunology, 2008, 121, 797-798.	2.9	4
82	Household water efficiency strategies in Cornwall, SW of England. Water and Environment Journal, 2015, 29, 457-473.	2.2	4
83	Co-ingested alcohol and the timing of deliberate self-poisonings. Australian and New Zealand Journal of Psychiatry, 2018, 52, 271-278.	2.3	4
84	Associations of Leg Length, Trunk Length, and Total Adult Height With MÃ©niÃ©re's. Ear and Hearing, 2015, 36, e122-e128.	2.1	3
85	Indigenous microbial surrogates in wastewater used to understand public health risk expressed in the Disability-Adjusted Life Year (DALY) metric. Microbiology Australia, 2021, 42, 125-129.	0.4	3
86	Prevalence of self-reported allergies to food in Australia as assessed by Internet-based questionnaires. Medical Journal of Australia, 2009, 190, 46-47.	1.7	2
87	Season of Birth Modifies the Risk of Food Allergy in Infants with Eczema and Food Sensitization in HealthNuts: a Population-based Study. Journal of Allergy and Clinical Immunology, 2011, 127, AB33-AB33.	2.9	2
88	Vitamin D Insufficiency is Strongly Associated with Challenge-proven Infantile Food Allergy in the Healthnuts Population-based Study. Journal of Allergy and Clinical Immunology, 2012, 129, AB141.	2.9	2
89	Occupational dermatitis caused by <i>Lyngbya majuscula</i> in Australia. International Journal of Dermatology, 2012, 51, 122-123.	1.0	2
90	Relationship between access to piped water and CKDu. Environmental Epidemiology, 2019, 3, 297.	3.0	2

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91	Trends in recreational poisoning in Newcastle, Australia, between 1996 and 2013. <i>Drug and Alcohol Dependence</i> , 2016, 159, 17-25.	3.2	1
92	Human seasonal influenza and climate change. <i>Environmental Epidemiology</i> , 2019, 3, 137.	3.0	1
93	Different levels of hospitalisation due to asthma across the grass pollen season. <i>Environmental Epidemiology</i> , 2019, 3, 296-297.	3.0	1
94	Respiratory health outcomes associated with different grass taxa in the UK. <i>Environmental Epidemiology</i> , 2019, 3, 342.	3.0	1
95	228Relationship of pesticide exposure with kidney function in NHANES: lessons from low level chronic exposure. <i>International Journal of Epidemiology</i> , 2021, 50, .	1.9	1
96	Microbial health-based targets for drinking water: current state and Australian case study. <i>Microbiology Australia</i> , 2017, 38, 196.	0.4	1
97	Positive Predictive Values of Skin Prick Test Wheal Size for Egg and Peanut Allergy by Statistically Combining Data from Clinic and Population-based Samples of 12 Month Old Infants. <i>Journal of Allergy and Clinical Immunology</i> , 2009, 123, S109-S109.	2.9	0
98	Assessment of Sample Frame Validity After Pilot Recruitment for a Population Based Study of Infant Food Allergy. <i>Journal of Allergy and Clinical Immunology</i> , 2009, 123, S111-S111.	2.9	0
99	Knowledge of Egg and Peanut Content of Infant and Maternal Diets Among Parents of Non-allergic 12-month-old Infants. <i>Journal of Allergy and Clinical Immunology</i> , 2009, 123, S244-S244.	2.9	0
100	Prevalence and Environmental Predictors of Food Allergy in Infants. <i>Journal of Allergy and Clinical Immunology</i> , 2009, 123, S108-S108.	2.9	0
101	Characterization Of Immune Cytokine Profiles In Food Allergic And Food Sensitized Tolerant 12 Month Old Infants. <i>Journal of Allergy and Clinical Immunology</i> , 2011, 127, AB31-AB31.	2.9	0
102	Management of Eosinophilic Esophagitis in a Consecutive Series of Pediatric Patients in an Australian Tertiary Referral Centre. <i>Journal of Allergy and Clinical Immunology</i> , 2011, 127, AB109-AB109.	2.9	0
103	Oral Food Challenges in 1 Year Old Infants Using Pre-Determined Challenge Criteria. <i>Journal of Allergy and Clinical Immunology</i> , 2011, 127, AB185-AB185.	2.9	0
104	Can Skin Prick Testing Thresholds Replace Oral Food Challenges In Population-based Studies And Community Screening Of Infants?. <i>Journal of Allergy and Clinical Immunology</i> , 2011, 127, AB1-AB1.	2.9	0
105	PMO-161â€¦Hepatitis E (HEV) in South West England. Geographical, environmental and social factors: a case control study. <i>Gut</i> , 2012, 61, A139.1-A139.	12.1	0
106	Filaggrin Mutations are Associated with an Increased Risk of Infantile Food Allergy and Sensitization. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 129, AB174.	2.9	0
107	The Natural History and Clinical Predictors Of Egg Allergy In The First 2 Years Of Life: A Prospective, Population-Based, Cohort Study. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, AB165.	2.9	0
108	Pollen Flowing over the Great Dividing Range, Australia. <i>Environmental Epidemiology</i> , 2019, 3, 429.	3.0	0

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109	1478Extreme daily numbers of general practice encounters of asthma and allergic rhinitis in Australia. International Journal of Epidemiology, 2021, 50, .	1.9	0