

# David P Strachan

## List of Publications by Year in descending order

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Version: 2024-02-01

105  
papers

39,153  
citations

17440

63  
h-index

29157

104  
g-index

113  
all docs

113  
docs citations

113  
times ranked

42210  
citing authors

#	ARTICLE	IF	CITATIONS
1	Worldwide time trends in prevalence of symptoms of rhinoconjunctivitis in children: Global Asthma Network Phase I. <i>Pediatric Allergy and Immunology</i> , 2022, 33, .	2.6	29
2	Elucidating the relationship between migraine risk and brain structure using genetic data. <i>Brain</i> , 2022, 145, 3214-3224.	7.6	7
3	Worldwide trends in the burden of asthma symptoms in school-aged children: Global Asthma Network Phase I cross-sectional study. <i>Lancet, The</i> , 2021, 398, 1569-1580.	13.7	169
4	Trends in worldwide asthma prevalence. <i>European Respiratory Journal</i> , 2020, 56, 2002094.	6.7	168
5	Chronic obstructive pulmonary disease and related phenotypes: polygenic risk scores in population-based and case-control cohorts. <i>Lancet Respiratory Medicine,the</i> , 2020, 8, 696-708.	10.7	69
6	Retinal Vascular Tortuosity and Diameter Associations with Adiposity and Components of Body Composition. <i>Obesity</i> , 2020, 28, 1750-1760.	3.0	13
7	Habitual sleep disturbances and migraine: a Mendelian randomization study. <i>Annals of Clinical and Translational Neurology</i> , 2020, 7, 2370-2380.	3.7	18
8	A genome-wide cross-phenotype meta-analysis of the association of blood pressure with migraine. <i>Nature Communications</i> , 2020, 11, 3368.	12.8	49
9	Cross-trait analyses with migraine reveal widespread pleiotropy and suggest a vascular component to migraine headache. <i>International Journal of Epidemiology</i> , 2020, 49, 1022-1031.	1.9	34
10	Variants associated with HHIP expression have sex-differential effects on lung function. <i>Wellcome Open Research</i> , 2020, 5, 111.	1.8	3
11	Comparison of individual-level and population-level risk factors for rhinoconjunctivitis, asthma, and eczema in the International Study of Asthma and Allergies in Childhood (ISAAC) Phase Three. <i>World Allergy Organization Journal</i> , 2020, 13, 100123.	3.5	14
12	Variants associated with HHIP expression have sex-differential effects on lung function. <i>Wellcome Open Research</i> , 2020, 5, 111.	1.8	4
13	Clinical onset of atopic eczema: Results from 2 nationally representative British birth cohorts followed through midlife. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 144, 710-719.	2.9	48
14	Are Environmental Factors for Atopic Eczema in ISAAC Phase Three due to Reverse Causation?. <i>Journal of Investigative Dermatology</i> , 2019, 139, 1023-1036.	0.7	15
15	New genetic signals for lung function highlight pathways and chronic obstructive pulmonary disease associations across multiple ancestries. <i>Nature Genetics</i> , 2019, 51, 481-493.	21.4	350
16	Genetic landscape of chronic obstructive pulmonary disease identifies heterogeneous cell-type and phenotype associations. <i>Nature Genetics</i> , 2019, 51, 494-505.	21.4	257
17	Retinal Vasculometry Associations with Cardiometabolic Risk Factors in the European Prospective Investigation of Cancer Norfolk Study. <i>Ophthalmology</i> , 2019, 126, 96-106.	5.2	44
18	Are environmental risk factors for current wheeze in the International Study of Asthma and Allergies in Childhood (ISAAC) phase three due to reverse causation?. <i>Clinical and Experimental Allergy</i> , 2019, 49, 430-441.	2.9	23

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19	Multiancestry association study identifies new asthma risk loci that colocalize with immune-cell enhancer marks. <i>Nature Genetics</i> , 2018, 50, 42-53.	21.4	426
20	Genetic analysis of over 1 million people identifies 535 new loci associated with blood pressure traits. <i>Nature Genetics</i> , 2018, 50, 1412-1425.	21.4	924
21	Molecular genetic overlap between migraine and major depressive disorder. <i>European Journal of Human Genetics</i> , 2018, 26, 1202-1216.	2.8	56
22	Meta-analysis of exome array data identifies six novel genetic loci for lung function. <i>Wellcome Open Research</i> , 2018, 3, 4.	1.8	19
23	Evidence for large-scale gene-by-smoking interaction effects on pulmonary function. <i>International Journal of Epidemiology</i> , 2017, 46, dyw318.	1.9	36
24	Genetic loci associated with chronic obstructive pulmonary disease overlap with loci for lung function and pulmonary fibrosis. <i>Nature Genetics</i> , 2017, 49, 426-432.	21.4	306
25	Genome-wide association analyses for lung function and chronic obstructive pulmonary disease identify new loci and potential druggable targets. <i>Nature Genetics</i> , 2017, 49, 416-425.	21.4	257
26	Global Associations between UVR Exposure and Current Eczema Prevalence in Children from ISAAC Phase Three. <i>Journal of Investigative Dermatology</i> , 2017, 137, 1248-1256.	0.7	13
27	Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits. <i>Nature Communications</i> , 2017, 8, 14977.	12.8	169
28	The Global Asthma Network rationale and methods for Phase I global surveillance: prevalence, severity, management and risk factors. <i>European Respiratory Journal</i> , 2017, 49, 1601605.	6.7	113
29	CNV-association meta-analysis in 191,161 European adults reveals new loci associated with anthropometric traits. <i>Nature Communications</i> , 2017, 8, 744.	12.8	64
30	Novel Blood Pressure Locus and Gene Discovery Using Genome-Wide Association Study and Expression Data Sets From Blood and the Kidney. <i>Hypertension</i> , 2017, 70, .	2.7	123
31	Vitamin D levels and susceptibility to asthma, elevated immunoglobulin E levels, and atopic dermatitis: A Mendelian randomization study. <i>PLoS Medicine</i> , 2017, 14, e1002294.	8.4	78
32	Genome-wide physical activity interactions in adiposity $\hat{\epsilon}$ . A meta-analysis of 200,452 adults. <i>PLoS Genetics</i> , 2017, 13, e1006528.	3.5	158
33	A principal component meta-analysis on multiple anthropometric traits identifies novel loci for body shape. <i>Nature Communications</i> , 2016, 7, 13357.	12.8	74
34	Genome-wide association study of copy number variation with lung function identifies a novel signal of association near BANP for forced vital capacity. <i>BMC Genetics</i> , 2016, 17, 116.	2.7	0
35	Meta-analysis of 375,000 individuals identifies 38 susceptibility loci for migraine. <i>Nature Genetics</i> , 2016, 48, 856-866.	21.4	520
36	Effects of maternal geohelminth infections on allergy in early childhood. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 899-906.e2.	2.9	20

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37	Genome-wide association studies identify genetic loci for low von Willebrand factor levels. <i>European Journal of Human Genetics</i> , 2016, 24, 1035-1040.	2.8	45
38	The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study. <i>PLoS Genetics</i> , 2015, 11, e1005378.	3.5	331
39	Concordance of genetic risk across migraine subgroups: Impact on current and future genetic association studies. <i>Cephalalgia</i> , 2015, 35, 489-499.	3.9	32
40	Shared genetic basis for migraine and ischemic stroke. <i>Neurology</i> , 2015, 84, 2132-2145.	1.1	91
41	Sixteen new lung function signals identified through 1000 Genomes Project reference panel imputation. <i>Nature Communications</i> , 2015, 6, 8658.	12.8	108
42	New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , 2015, 518, 187-196.	27.8	1,328
43	Genetic studies of body mass index yield new insights for obesity biology. <i>Nature</i> , 2015, 518, 197-206.	27.8	3,823
44	Directional dominance on stature and cognition in diverse human populations. <i>Nature</i> , 2015, 523, 459-462.	27.8	173
45	Genome-wide Analysis of Body Proportion Classifies Height-Associated Variants by Mechanism of Action and Implicates Genes Important for Skeletal Development. <i>American Journal of Human Genetics</i> , 2015, 96, 695-708.	6.2	67
46	Molecular mechanisms underlying variations in lung function: a systems genetics analysis. <i>Lancet Respiratory Medicine</i> , 2015, 3, 782-795.	10.7	66
47	Novel insights into the genetics of smoking behaviour, lung function, and chronic obstructive pulmonary disease (UK BiLEVE): a genetic association study in UK Biobank. <i>Lancet Respiratory Medicine</i> , 2015, 3, 769-781.	10.7	346
48	Lifecourse Social Position and D-Dimer; Findings from the 1958 British Birth Cohort. <i>PLoS ONE</i> , 2014, 9, e93277.	2.5	5
49	Large-Scale Genome-Wide Association Studies and Meta-Analyses of Longitudinal Change in Adult Lung Function. <i>PLoS ONE</i> , 2014, 9, e100776.	2.5	52
50	No Evidence for Genome-Wide Interactions on Plasma Fibrinogen by Smoking, Alcohol Consumption and Body Mass Index: Results from Meta-Analyses of 80,607 Subjects. <i>PLoS ONE</i> , 2014, 9, e111156.	2.5	8
51	Fast and accurate imputation of summary statistics enhances evidence of functional enrichment. <i>Bioinformatics</i> , 2014, 30, 2906-2914.	4.1	173
52	Human leukocyte antigen class II variants and adult-onset asthma: does occupational allergen exposure play a role?. <i>European Respiratory Journal</i> , 2014, 44, 1234-1242.	6.7	10
53	Genome-Wide Association Study for Circulating Tissue Plasminogen Activator Levels and Functional Follow-Up Implicates Endothelial <i>STXBP5</i> and <i>STX2</i> . <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 1093-1101.	2.4	43
54	Genome-wide association analysis identifies six new loci associated with forced vital capacity. <i>Nature Genetics</i> , 2014, 46, 669-677.	21.4	131

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55	Childhood intermittent and persistent rhinitis prevalence and climate and vegetation: a global ecologic analysis. <i>Annals of Allergy, Asthma and Immunology</i> , 2014, 113, 386-392.e9.	1.0	31
56	Parent-of-origin-specific allelic associations among 106 genomic loci for age at menarche. <i>Nature</i> , 2014, 514, 92-97.	27.8	548
57	Defining the role of common variation in the genomic and biological architecture of adult human height. <i>Nature Genetics</i> , 2014, 46, 1173-1186.	21.4	1,818
58	Novel childhood asthma genes interact with in utero and early-life tobacco smoke exposure. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, 885-888.	2.9	47
59	Overweight/Obesity and Respiratory and Allergic Disease in Children: International Study of Asthma and Allergies in Childhood (ISAAC) Phase Two. <i>PLoS ONE</i> , 2014, 9, e113996.	2.5	96
60	Meta-analysis of genome-wide association studies identifies ten loci influencing allergic sensitization. <i>Nature Genetics</i> , 2013, 45, 902-906.	21.4	221
61	Estrogen-related receptor gamma and hearing function: evidence of a role in humans and mice. <i>Neurobiology of Aging</i> , 2013, 34, 2077.e1-2077.e9.	3.1	53
62	Discovery and refinement of loci associated with lipid levels. <i>Nature Genetics</i> , 2013, 45, 1274-1283.	21.4	2,641
63	Genome-wide meta-analysis identifies 11 new loci for anthropometric traits and provides insights into genetic architecture. <i>Nature Genetics</i> , 2013, 45, 501-512.	21.4	578
64	Genome-wide meta-analysis identifies new susceptibility loci for migraine. <i>Nature Genetics</i> , 2013, 45, 912-917.	21.4	338
65	Sex-stratified Genome-wide Association Studies Including 270,000 Individuals Show Sexual Dimorphism in Genetic Loci for Anthropometric Traits. <i>PLoS Genetics</i> , 2013, 9, e1003500.	3.5	371
66	Multiethnic Meta-Analysis of Genome-Wide Association Studies in >100 000 Subjects Identifies 23 Fibrinogen-Associated Loci but No Strong Evidence of a Causal Association Between Circulating Fibrinogen and Cardiovascular Disease. <i>Circulation</i> , 2013, 128, 1310-1324.	1.6	128
67	The combined effects of family size and farm exposure on childhood hay fever and atopy. <i>Pediatric Allergy and Immunology</i> , 2013, 24, 293-298.	2.6	50
68	Satellite-based Estimates of Ambient Air Pollution and Global Variations in Childhood Asthma Prevalence. <i>Environmental Health Perspectives</i> , 2012, 120, 1333-1339.	6.0	57
69	Genome-Wide Joint Meta-Analysis of SNP and SNP-by-Smoking Interaction Identifies Novel Loci for Pulmonary Function. <i>PLoS Genetics</i> , 2012, 8, e1003098.	3.5	130
70	Genome-Wide Association Studies Identify <i>CHRNA5</i> and <i>HTR4</i> in the Development of Airflow Obstruction. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012, 186, 622-632.	5.6	164
71	A genome-wide association study of plasma total IgE concentrations in the Framingham Heart Study. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 129, 840-845.e21.	2.9	148
72	Meta-analysis of genome-wide association studies identifies three new risk loci for atopic dermatitis. <i>Nature Genetics</i> , 2012, 44, 187-192.	21.4	311

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73	Meta-Analysis of Genome-Wide Association Studies in >80 000 Subjects Identifies Multiple Loci for C-Reactive Protein Levels. <i>Circulation</i> , 2011, 123, 731-738.	1.6	461
74	A genome-wide meta-analysis of genetic variants associated with allergic rhinitis and grass sensitization and their interaction with birth order. <i>Journal of Allergy and Clinical Immunology</i> , 2011, 128, 996-1005.	2.9	212
75	Genetic variation associated with plasma von Willebrand factor levels and the risk of incident venous thrombosis. <i>Blood</i> , 2011, 117, 6007-6011.	1.4	97
76	Genome-wide association study identifies six new loci influencing pulse pressure and mean arterial pressure. <i>Nature Genetics</i> , 2011, 43, 1005-1011.	21.4	403
77	Genome-wide association and large-scale follow up identifies 16 new loci influencing lung function. <i>Nature Genetics</i> , 2011, 43, 1082-1090.	21.4	367
78	Biological, clinical and population relevance of 95 loci for blood lipids. <i>Nature</i> , 2010, 466, 707-713.	27.8	3,249
79	Hundreds of variants clustered in genomic loci and biological pathways affect human height. <i>Nature</i> , 2010, 467, 832-838.	27.8	1,789
80	Genome-wide association study identifies five loci associated with lung function. <i>Nature Genetics</i> , 2010, 42, 36-44.	21.4	518
81	Meta-analysis identifies 13 new loci associated with waist-hip ratio and reveals sexual dimorphism in the genetic basis of fat distribution. <i>Nature Genetics</i> , 2010, 42, 949-960.	21.4	836
82	Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. <i>Nature Genetics</i> , 2010, 42, 937-948.	21.4	2,634
83	Novel Associations of Multiple Genetic Loci With Plasma Levels of Factor VII, Factor VIII, and von Willebrand Factor. <i>Circulation</i> , 2010, 121, 1382-1392.	1.6	311
84	A Large-Scale, Consortium-Based Genomewide Association Study of Asthma. <i>New England Journal of Medicine</i> , 2010, 363, 1211-1221.	27.0	1,762
85	Self-Reported Truck Traffic on the Street of Residence and Symptoms of Asthma and Allergic Disease: A Global Relationship in ISAAC Phase 3. <i>Environmental Health Perspectives</i> , 2009, 117, 1791-1798.	6.0	118
86	Inference of disease associations with unmeasured genetic variants by combining results from genome-wide association studies with linkage disequilibrium patterns in a reference data set. <i>BMC Proceedings</i> , 2009, 3, S55.	1.6	3
87	Association of Novel Genetic Loci With Circulating Fibrinogen Levels. <i>Circulation: Cardiovascular Genetics</i> , 2009, 2, 125-133.	5.1	86
88	Genome-wide Association Analysis Identifies PDE4D as an Asthma-Susceptibility Gene. <i>American Journal of Human Genetics</i> , 2009, 84, 581-593.	6.2	296
89	Association of the cysteinyl leukotriene receptor 1 gene with atopy in the British 1958 birth cohort. <i>Journal of Allergy and Clinical Immunology</i> , 2009, 124, 566-572.e3.	2.9	12
90	Common variants near MC4R are associated with fat mass, weight and risk of obesity. <i>Nature Genetics</i> , 2008, 40, 768-775.	21.4	1,179

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91	The role of atopic sensitization in flexural eczema: Findings from the International Study of Asthma and Allergies in Childhood Phase Two. <i>Journal of Allergy and Clinical Immunology</i> , 2008, 121, 141-147.e4.	2.9	113
92	Effects of Socioeconomic Position on Inflammatory and Hemostatic Markers: A Life-Course Analysis in the 1958 British Birth Cohort. <i>American Journal of Epidemiology</i> , 2008, 167, 1332-1341.	3.4	68
93	Lifecourse influences on health among British adults: Effects of region of residence in childhood and adulthood. <i>International Journal of Epidemiology</i> , 2007, 36, 522-531.	1.9	61
94	Life-course influences on health in British adults: effects of socio-economic position in childhood and adulthood. <i>International Journal of Epidemiology</i> , 2007, 36, 532-539.	1.9	157
95	Atopic Sensitization and the International Variation of Asthma Symptom Prevalence in Children. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007, 176, 565-574.	5.6	290
96	Worldwide time trends in the prevalence of symptoms of asthma, allergic rhinoconjunctivitis, and eczema in childhood: ISAAC Phases One and Three repeat multicountry cross-sectional surveys. <i>Lancet</i> , The, 2006, 368, 733-743.	13.7	3,493
97	The relationship of per capita gross national product to the prevalence of symptoms of asthma and other atopic diseases in children (ISAAC). <i>International Journal of Epidemiology</i> , 2001, 30, 173-179.	1.9	124
98	Reduced risk of hospital admission for childhood asthma among Scottish twins: record linkage study. <i>BMJ: British Medical Journal</i> , 2000, 321, 732-733.	2.3	18
99	Prevalence of asthma symptoms, diagnosis, and treatment in 12-14 year old children across Great Britain (international study of asthma and allergies in childhood, ISAAC UK). <i>BMJ: British Medical Journal</i> , 1998, 316, 118-124.	2.3	222
100	Allergy and family size: a riddle worth solving. <i>Clinical and Experimental Allergy</i> , 1997, 27, 235-236.	2.9	104
101	Investigation into the increase in hay fever and eczema at age 16 observed between the 1958 and 1970 British birth cohorts. <i>BMJ: British Medical Journal</i> , 1997, 315, 717-721.	2.3	189
102	Incidence and prognosis of asthma and wheezing illness from early childhood to age 33 in a national British cohort. <i>BMJ: British Medical Journal</i> , 1996, 312, 1195-1199.	2.3	537
103	Home environment and severe asthma in adolescence: a population based case-control study. <i>BMJ: British Medical Journal</i> , 1995, 311, 1053-1056.	2.3	151
104	Meta-analysis of exome array data identifies six novel genetic loci for lung function. <i>Wellcome Open Research</i> , 0, 3, 4.	1.8	11
105	Meta-analysis of exome array data identifies six novel genetic loci for lung function. <i>Wellcome Open Research</i> , 0, 3, 4.	1.8	1