# David P Strachan

List of Publications by Year
in descending order



| 105 | 39,153 | 17440 63 | 29157 104 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 113 | 113 | 113 | 42210 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Genetic studies of body mass index yield new insights for obesity biology. Nature, 2015, 518, 197-206. | 27.8 | 3,823 |
| 2 | 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. Lancet, The, 2006, 368, 733-743. | 13.7 | 3,493 |
| 3 | Biological, clinical and population relevance of 95 loci for blood lipids. Nature, 2010, 466, 707-713. | 27.8 | 3,249 |
| 4 | Discovery and refinement of loci associated with lipid levels. Nature Genetics, 2013, 45, 1274-1283. | 21.4 | 2,641 |
| 5 | Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. Nature Genetics, 2010, 42, 937-948. | 21.4 | 2,634 |
| 6 | Defining the role of common variation in the genomic and biological architecture of adult human height. Nature Genetics, 2014, 46, 1173-1186. | 21.4 | 1,818 |
| 7 | Hundreds of variants clustered in genomic loci and biological pathways affect human height. Nature, 2010, 467, 832-838. | 27.8 | 1,789 |
| 8 | A Large-Scale, Consortium-Based Genomewide Association Study of Asthma. New England Journal of Medicine, 2010, 363, 1211-1221. | 27.0 | 1,762 |
| 9 | New genetic loci link adipose and insulin biology to body fat distribution. Nature, 2015, 518, 187-196. | 27.8 | 1,328 |
| 10 | Common variants near MC4R are associated with fat mass, weight and risk of obesity. Nature Genetics, 2008, 40, 768-775. | 21.4 | 1,179 |
| 11 | Genetic analysis of over 1 million people identifies 535 new loci associated with blood pressure traits. Nature Genetics, 2018, 50, 1412-1425. | 21.4 | 924 |
| 12 | Meta-analysis identifies 13 new loci associated with waist-hip ratio and reveals sexual dimorphism in the genetic basis of fat distribution. Nature Genetics, 2010, 42, 949-960. | 21.4 | 836 |
| 13 | Genome-wide meta-analysis identifies 11 new loci for anthropometric traits and provides insights into genetic architecture. Nature Genetics, 2013, 45, 501-512. | 21.4 | 578 |
| 14 | Parent-of-origin-specific allelic associations among 106 genomic loci for age at menarche. Nature, 2014, 514, 92-97. | 27.8 | 548 |
| 15 | Incidence and prognosis of asthma and wheezing illness from early childhood to age 33 in a national British cohort. BMJ: British Medical Journal, 1996, 312, 1195-1199. | 2.3 | 537 |
| 16 | Meta-analysis of 375,000 individuals identifies 38 susceptibility loci for migraine. Nature Genetics, 2016, 48, 856-866. | 21.4 | 520 |
| 17 | Genome-wide association study identifies five loci associated with lung function. Nature Genetics, 2010, 42, 36-44. | 21.4 | 518 |
| 18 | Meta-Analysis of Genome-Wide Association Studies in >80 000 Subjects Identifies Multiple Loci for C-Reactive Protein Levels. Circulation, 2011, 123, 731-738. | 1.6 | 461 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Multiancestry association study identifies new asthma risk loci that colocalize with immune-cell enhancer marks. Nature Genetics, 2018, 50, 42-53. | 21.4 | 426 |
| 20 | Genome-wide association study identifies six new loci influencing pulse pressure and mean arterial pressure. Nature Genetics, 2011, 43, 1005-1011. | 21.4 | 403 |
| 21 | Sex-stratified Genome-wide Association Studies Including 270,000 Individuals Show Sexual Dimorphism in Genetic Loci for Anthropometric Traits. PLoS Genetics, 2013, 9, e1003500. | 3.5 | 371 |
| 22 | Genome-wide association and large-scale follow up identifies 16 new loci influencing lung function. Nature Genetics, 2011, 43, 1082-1090. | 21.4 | 367 |
| 23 | New genetic signals for lung function highlight pathways and chronic obstructive pulmonary disease associations across multiple ancestries. Nature Genetics, 2019, 51, 481-493. | 21.4 | 350 |
| 24 | Novel insights into the genetics of smoking behaviour, lung function, and chronic obstructive pulmonary disease (UK BiLEVE): a genetic association study in UK Biobank. Lancet Respiratory Medicine,the, 2015, 3, 769-781. | 10.7 | 346 |
| 25 | Genome-wide meta-analysis identifies new susceptibility loci for migraine. Nature Genetics, 2013, 45, 912-917. | 21.4 | 338 |
| 26 | The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study. PLoS Genetics, 2015, 11, e1005378. | 3.5 | 331 |
| 27 | Novel Associations of Multiple Genetic Loci With Plasma Levels of Factor VII, Factor VIII, and von Willebrand Factor. Circulation, 2010, 121, 1382-1392. | 1.6 | 311 |
| 28 | Meta-analysis of genome-wide association studies identifies three new risk loci for atopic dermatitis. Nature Genetics, 2012, 44, 187-192. | 21.4 | 311 |
| 29 | Genetic loci associated with chronic obstructive pulmonary disease overlap with loci for lung function and pulmonary fibrosis. Nature Genetics, 2017, 49, 426-432. | 21.4 | 306 |
| 30 | Genome-wide Association Analysis Identifies PDE4D as an Asthma-Susceptibility Gene. American Journal of Human Genetics, 2009, 84, 581-593. | 6.2 | 296 |
| 31 | Atopic Sensitization and the International Variation of Asthma Symptom Prevalence in Children. American Journal of Respiratory and Critical Care Medicine, 2007, 176, 565-574. | 5.6 | 290 |
| 32 | Genome-wide association analyses for lung function and chronic obstructive pulmonary disease identify new loci and potential druggable targets. Nature Genetics, 2017, 49, 416-425. | 21.4 | 257 |
| 33 | Genetic landscape of chronic obstructive pulmonary disease identifies heterogeneous cell-type and phenotype associations. Nature Genetics, 2019, 51, 494-505. | 21.4 | 257 |
| 34 | 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). BMJ: British Medical Journal, 1998, 316, 118-124. | 2.3 | 222 |
| 35 | Meta-analysis of genome-wide association studies identifies ten loci influencing allergic sensitization. Nature Genetics, 2013, 45, 902-906. | 21.4 | 221 |
| 36 | A genome-wide meta-analysis of genetic variants associated with allergic rhinitis and grass sensitization and their interaction with birth order. Journal of Allergy and Clinical Immunology, 2011, 128, 996-1005. | 2.9 | 212 |

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|---|---|---|---|
| 37 | Investigation into the increase in hay fever and eczema at age 16 observed between the 1958 and 1970 British birth cohorts. BMJ: British Medical Journal, 1997, 315, 717-721. | 2.3 | 189 |
| 38 | Fast and accurate imputation of summary statistics enhances evidence of functional enrichment. Bioinformatics, 2014, 30, 2906-2914. | 4.1 | 173 |
| 39 | Directional dominance on stature and cognition inÂdiverse human populations. Nature, 2015, 523, 459-462. | 27.8 | 173 |
| 40 | Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits. Nature Communications, 2017, 8, 14977. | 12.8 | 169 |
| 41 | Worldwide trends in the burden of asthma symptoms in school-aged children: Global Asthma Network Phase I cross-sectional study. Lancet, The, 2021, 398, 1569-1580. | 13.7 | 169 |
| 42 | Trends in worldwide asthma prevalence. European Respiratory Journal, 2020, 56, 2002094. | 6.7 | 168 |
| 43 | Genome-Wide Association Studies Identify CHRNA5/3 and HTR4 in the Development of Airflow Obstruction. American Journal of Respiratory and Critical Care Medicine, 2012, 186, 622-632. | 5.6 | 164 |
| 44 | Genome-wide physical activity interactions in adiposity â€• A meta-analysis of 200,452 adults. PLoS Genetics, 2017, 13, e1006528. | 3.5 | 158 |
| 45 | Life-course influences on health in British adults: effects of socio-economic position in childhood and adulthood. International Journal of Epidemiology, 2007, 36, 532-539. | 1.9 | 157 |
| 46 | Home environment and severe asthma in adolescence: a population based case-control study. BMJ: British Medical Journal, 1995, 311, 1053-1056. | 2.3 | 151 |
| 47 | A genome-wide association study of plasma total IgE concentrations in the Framingham Heart Study. Journal of Allergy and Clinical Immunology, 2012, 129, 840-845.e21. | 2.9 | 148 |
| 48 | Genome-wide association analysis identifies six new loci associated with forced vital capacity. Nature Genetics, 2014, 46, 669-677. | 21.4 | 131 |
| 49 | Genome-Wide Joint Meta-Analysis of SNP and SNP-by-Smoking Interaction Identifies Novel Loci for Pulmonary Function. PLoS Genetics, 2012, 8, e1003098. | 3.5 | 130 |
| 50 | 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. Circulation, 2013, 128, 1310-1324. | 1.6 | 128 |
| 51 | The relationship of per capita gross national product to the prevalence of symptoms of asthma and other atopic diseases in children (ISAAC). International Journal of Epidemiology, 2001, 30, 173-179. | 1.9 | 124 |
| 52 | Novel Blood Pressure Locus and Gene Discovery Using Genome-Wide Association Study and Expression Data Sets From Blood and the Kidney. Hypertension, 2017, 70, . | 2.7 | 123 |
| 53 | Self-Reported Truck Traffic on the Street of Residence and Symptoms of Asthma and Allergic Disease: A Global Relationship in ISAAC Phase 3. Environmental Health Perspectives, 2009, 117, 1791-1798. | 6.0 | 118 |
| 54 | The role of atopic sensitization in flexural eczema: Findings from the International Study of Asthma and Allergies in Childhood Phase Two. Journal of Allergy and Clinical Immunology, 2008, 121, 141-147.e4. | 2.9 | 113 |

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|---|---|---|---|
| 55 | The Global Asthma Network rationale and methods for Phase I global surveillance: prevalence, severity, management and risk factors. European Respiratory Journal, 2017, 49, 1601605. | 6.7 | 113 |
| 56 | Sixteen new lung function signals identified through 1000 Genomes Project reference panel imputation. Nature Communications, 2015, 6, 8658. | 12.8 | 108 |
| 57 | Allergy and family size: a riddle worth solving. Clinical and Experimental Allergy, 1997, 27, 235-236. | 2.9 | 104 |
| 58 | Genetic variation associated with plasma von Willebrand factor levels and the risk of incident venous thrombosis. Blood, 2011, 117, 6007-6011. | 1.4 | 97 |
| 59 | Overweight/Obesity and Respiratory and Allergic Disease in Children: International Study of Asthma and Allergies in Childhood (ISAAC) Phase Two. PLoS ONE, 2014, 9, e113996. | 2.5 | 96 |
| 60 | Shared genetic basis for migraine and ischemic stroke. Neurology, 2015, 84, 2132-2145. | 1.1 | 91 |
| 61 | Association of Novel Genetic Loci With Circulating Fibrinogen Levels. Circulation: Cardiovascular Genetics, 2009, 2, 125-133. | 5.1 | 86 |
| 62 | Vitamin D levels and susceptibility to asthma, elevated immunoglobulin E levels, and atopic dermatitis: A Mendelian randomization study. PLoS Medicine, 2017, 14, e1002294. | 8.4 | 78 |
| 63 | A principal component meta-analysis on multiple anthropometric traits identifies novel loci for body shape. Nature Communications, 2016, 7, 13357. | 12.8 | 74 |
| 64 | Chronic obstructive pulmonary disease and related phenotypes: polygenic risk scores in population-based and case-control cohorts. Lancet Respiratory Medicine,the, 2020, 8, 696-708. | 10.7 | 69 |
| 65 | Effects of Socioeconomic Position on Inflammatory and Hemostatic Markers: A Life-Course Analysis in the 1958 British Birth Cohort. American Journal of Epidemiology, 2008, 167, 1332-1341. | 3.4 | 68 |
| 66 | Genome-wide Analysis of Body Proportion Classifies Height-Associated Variants by Mechanism of Action and Implicates Genes Important for Skeletal Development. American Journal of Human Genetics, 2015, 96, 695-708. | 6.2 | 67 |
| 67 | Molecular mechanisms underlying variations in lung function: a systems genetics analysis. Lancet Respiratory Medicine,the, 2015, 3, 782-795. | 10.7 | 66 |
| 68 | CNV-association meta-analysis in 191,161 European adults reveals new loci associated with anthropometric traits. Nature Communications, 2017, 8, 744. | 12.8 | 64 |
| 69 | Lifecourse influences on health among British adults: Effects of region of residence in childhood and adulthood. International Journal of Epidemiology, 2007, 36, 522-531. | 1.9 | 61 |
| 70 | Satellite-based Estimates of Ambient Air Pollution and Global Variations in Childhood Asthma Prevalence. Environmental Health Perspectives, 2012, 120, 1333-1339. | 6.0 | 57 |
| 71 | Molecular genetic overlap between migraine and major depressive disorder. European Journal of Human Genetics, 2018, 26, 1202-1216. | 2.8 | 56 |
| 72 | Estrogen-related receptor gamma and hearing function: evidence of a role in humans and mice. Neurobiology of Aging, 2013, 34, 2077.e1-2077.e9. | 3.1 | 53 |

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|---|---|---|---|
| 73 | Large-Scale Genome-Wide Association Studies and Meta-Analyses of Longitudinal Change in Adult Lung Function. PLoS ONE, 2014, 9, e100776. | 2.5 | 52 |
| 74 | The combined effects of family size and farm exposure on childhood hay fever and atopy. Pediatric Allergy and Immunology, 2013, 24, 293-298. | 2.6 | 50 |
| 75 | A genome-wide cross-phenotype meta-analysis of the association of blood pressure with migraine. Nature Communications, 2020, 11, 3368. | 12.8 | 49 |
| 76 | Clinical onset of atopic eczema: Results from 2 nationally representative British birth cohorts followed through midlife. Journal of Allergy and Clinical Immunology, 2019, 144, 710-719. | 2.9 | 48 |
| 77 | Novel childhood asthma genes interact with in utero and early-life tobacco smoke exposure. Journal of Allergy and Clinical Immunology, 2014, 133, 885-888. | 2.9 | 47 |
| 78 | Genome-wide association studies identify genetic loci for low von Willebrand factor levels. European Journal of Human Genetics, 2016, 24, 1035-1040. | 2.8 | 45 |
| 79 | Retinal Vasculometry Associations with Cardiometabolic Risk Factors in the European Prospective Investigation of Cancerâ€"Norfolk Study. Ophthalmology, 2019, 126, 96-106. | 5.2 | 44 |
| 80 | Genome-Wide Association Study for Circulating Tissue Plasminogen Activator Levels and Functional Follow-Up Implicates Endothelial STXBP5 and STX2. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 1093-1101. | 2.4 | 43 |
| 81 | Evidence for large-scale gene-by-smoking interaction effects on pulmonary function. International Journal of Epidemiology, 2017, 46, dyw318. | 1.9 | 36 |
| 82 | Cross-trait analyses with migraine reveal widespread pleiotropy and suggest a vascular component to migraine headache. International Journal of Epidemiology, 2020, 49, 1022-1031. | 1.9 | 34 |
| 83 | Concordance of genetic risk across migraine subgroups: Impact on current and future genetic association studies. Cephalalgia, 2015, 35, 489-499. | 3.9 | 32 |
| 84 | Childhood intermittent and persistent rhinitis prevalence and climate and vegetation: a global ecologic analysis. Annals of Allergy, Asthma and Immunology, 2014, 113, 386-392.e9. | 1.0 | 31 |
| 85 | Worldwide time trends in prevalence of symptoms of rhinoconjunctivitis in children: Global Asthma Network Phase I. Pediatric Allergy and Immunology, 2022, 33, . | 2.6 | 29 |
| 86 | Are environmental risk factors for current wheeze in the International Study of Asthma and Allergies in Childhood (ISAAC) phase three due to reverse causation?. Clinical and Experimental Allergy, 2019, 49, 430-441. | 2.9 | 23 |
| 87 | Effects of maternal geohelminth infections on allergy in early childhood. Journal of Allergy and Clinical Immunology, 2016, 137, 899-906.e2. | 2.9 | 20 |
| 88 | Meta-analysis of exome array data identifies six novel genetic loci for lung function. Wellcome Open Research, 2018, 3, 4. | 1.8 | 19 |
| 89 | Reduced risk of hospital admission for childhood asthma among Scottish twins: record linkage study. BMJ: British Medical Journal, 2000, 321, 732-733. | 2.3 | 18 |
| 90 | Habitual sleep disturbances and migraine: a Mendelian randomization study. Annals of Clinical and Translational Neurology, 2020, 7, 2370-2380. | 3.7 | 18 |

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|---|---|---|---|
| 91 | Are Environmental Factors for Atopic EczemaÂinÂISAAC Phase Three due to ReverseÂCausation?. Journal of Investigative Dermatology, 2019, 139, 1023-1036. | 0.7 | 15 |
| 92 | 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. World Allergy Organization Journal, 2020, 13, 100123. | 3.5 | 14 |
| 93 | Global Associations between UVR Exposure and Current Eczema Prevalence in Children from ISAAC Phase Three. Journal of Investigative Dermatology, 2017, 137, 1248-1256. | 0.7 | 13 |
| 94 | Retinal Vascular Tortuosity and Diameter Associations with Adiposity and Components of Body Composition. Obesity, 2020, 28, 1750-1760. | 3.0 | 13 |
| 95 | Association of the cysteinyl leukotriene receptor 1 gene with atopy in the British 1958 birth cohort. Journal of Allergy and Clinical Immunology, 2009, 124, 566-572.e3. | 2.9 | 12 |
| 96 | Meta-analysis of exome array data identifies six novel genetic loci for lung function. Wellcome Open Research, 0, 3, 4. | 1.8 | 11 |
| 97 | Human leukocyte antigen class II variants and adult-onset asthma: does occupational allergen exposure play a role?. European Respiratory Journal, 2014, 44, 1234-1242. | 6.7 | 10 |
| 98 | 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. PLoS ONE, 2014, 9, e111156. | 2.5 | 8 |
| 99 | Elucidating the relationship between migraine risk and brain structure using genetic data. Brain, 2022, 145, 3214-3224. | 7.6 | 7 |
| 100 | Lifecourse Social Position and D-Dimer; Findings from the 1958 British Birth Cohort. PLoS ONE, 2014, 9, e93277. | 2.5 | 5 |
| 101 | Variants associated with HHIP expression have sex-differential effects on lung function. Wellcome Open Research, 2020, 5, 111. | 1.8 | 4 |
| 102 | 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. BMC Proceedings, 2009, 3, S55. | 1.6 | 3 |
| 103 | Variants associated with HHIP expression have sex-differential effects on lung function. Wellcome Open Research, 2020, 5, 111. | 1.8 | 3 |
| 104 | Meta-analysis of exome array data identifies six novel genetic loci for lung function. Wellcome Open Research, 0, 3, 4. | 1.8 | 1 |
| 105 | Genome-wide association study of copy number variation with lung function identifies a novel signal of association near BANP for forced vital capacity. BMC Genetics, 2016, 17, 116. | 2.7 | 0 |