

# Nicole M Warrington

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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|--------------------|--------------------------|-----------------|-----------------|
| 93<br>papers       | 10,808<br>citations      | 39<br>h-index   | 103<br>g-index  |
| 108<br>ext. papers | 13,436<br>ext. citations | 11.4<br>avg, IF | 4.84<br>L-index |

| #  | Paper  | IF   | Citations |
|----|--|------|-----------|
| 93 | Genetic studies of body mass index yield new insights for obesity biology. <i>Nature</i> , <b>2015</b> , 518, 197-206  | 50.4 | 2687      |
| 92 | New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , <b>2015</b> , 518, 187-196   | 50.4 | 920       |
| 91 | Sequence variants affecting eosinophil numbers associate with asthma and myocardial infarction. <i>Nature Genetics</i> , <b>2009</b> , 41, 342-7   | 36.3 | 627       |
| 90 | LD Hub: a centralized database and web interface to perform LD score regression that maximizes the potential of summary level GWAS data for SNP heritability and genetic correlation analysis. <i>Bioinformatics</i> , <b>2017</b> , 33, 272-279 | 7.2  | 541       |
| 89 | Association between C reactive protein and coronary heart disease: mendelian randomisation analysis based on individual participant data. <i>BMJ, The</i> , <b>2011</b> , 342, d548  | 5.9  | 422       |
| 88 | Thirty new loci for age at menarche identified by a meta-analysis of genome-wide association studies. <i>Nature Genetics</i> , <b>2010</b> , 42, 1077-85   | 36.3 | 372       |
| 87 | Genome-wide association and large-scale follow up identifies 16 new loci influencing lung function. <i>Nature Genetics</i> , <b>2011</b> , 43, 1082-90   | 36.3 | 313       |
| 86 | Identification of IL6R and chromosome 11q13.5 as risk loci for asthma. <i>Lancet, The</i> , <b>2011</b> , 378, 1006-14   | 40   | 298       |
| 85 | A genome-wide association meta-analysis identifies new childhood obesity loci. <i>Nature Genetics</i> , <b>2012</b> , 44, 526-31   | 36.3 | 292       |
| 84 | Genome-wide associations for birth weight and correlations with adult disease. <i>Nature</i> , <b>2016</b> , 538, 248-252  | 52.4 | 266       |
| 83 | Brief Report: Intestinal Dysbiosis in Ankylosing Spondylitis. <i>Arthritis and Rheumatology</i> , <b>2015</b> , 67, 686-691  | 11.5 | 252       |
| 82 | Meta-analysis of genome-wide association studies identifies three new risk loci for atopic dermatitis. <i>Nature Genetics</i> , <b>2011</b> , 44, 187-92   | 36.3 | 244       |
| 81 | Identification of 153 new loci associated with heel bone mineral density and functional involvement of GPC6 in osteoporosis. <i>Nature Genetics</i> , <b>2017</b> , 49, 1468-1475  | 36.3 | 235       |
| 80 | New loci associated with birth weight identify genetic links between intrauterine growth and adult height and metabolism. <i>Nature Genetics</i> , <b>2013</b> , 45, 76-82   | 36.3 | 232       |
| 79 | Meta-analysis of genome-wide association studies identifies ten loci influencing allergic sensitization. <i>Nature Genetics</i> , <b>2013</b> , 45, 902-906  | 36.3 | 191       |
| 78 | Variants in ADCY5 and near CCNL1 are associated with fetal growth and birth weight. <i>Nature Genetics</i> , <b>2010</b> , 42, 430-5   | 36.3 | 184       |
| 77 | Maternal and fetal genetic effects on birth weight and their relevance to cardio-metabolic risk factors. <i>Nature Genetics</i> , <b>2019</b> , 51, 804-814  | 36.3 | 181       |

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| 76 | Association between common variation at the FTO locus and changes in body mass index from infancy to late childhood: the complex nature of genetic association through growth and development. <i>PLoS Genetics</i> , <b>2011</b> , 7, e1001307                                   | 6    | 141 |
| 75 | Genome-wide association and longitudinal analyses reveal genetic loci linking pubertal height growth, pubertal timing and childhood adiposity. <i>Human Molecular Genetics</i> , <b>2013</b> , 22, 2735-47  | 5.6  | 138 |
| 74 | Assessment of the genetic and clinical determinants of fracture risk: genome wide association and mendelian randomisation study. <i>BMJ, The</i> , <b>2018</b> , 362, k3225   | 5.9  | 114 |
| 73 | Phenotypic dissection of bone mineral density reveals skeletal site specificity and facilitates the identification of novel loci in the genetic regulation of bone mass attainment. <i>PLoS Genetics</i> , <b>2014</b> , 10, e1004423   | 6    | 107 |
| 72 | Genome-wide association study of offspring birth weight in 86 577 women identifies five novel loci and highlights maternal genetic effects that are independent of fetal genetics. <i>Human Molecular Genetics</i> , <b>2018</b> , 27, 742-756                                    | 5.6  | 98  |
| 71 | Common variants at 12q15 and 12q24 are associated with infant head circumference. <i>Nature Genetics</i> , <b>2012</b> , 44, 532-538  | 36.3 | 94  |
| 70 | A genome-wide association study of body mass index across early life and childhood. <i>International Journal of Epidemiology</i> , <b>2015</b> , 44, 700-12   | 7.8  | 92  |
| 69 | Analyses of associations with asthma in four asthma population samples from Canada and Australia. <i>Human Genetics</i> , <b>2009</b> , 125, 445-59   | 6.3  | 91  |
| 68 | Association of genetic Loci with glucose levels in childhood and adolescence: a meta-analysis of over 6,000 children. <i>Diabetes</i> , <b>2011</b> , 60, 1805-12   | 0.9  | 83  |
| 67 | Large-scale GWAS identifies multiple loci for hand grip strength providing biological insights into muscular fitness. <i>Nature Communications</i> , <b>2017</b> , 8, 16015   | 17.4 | 80  |
| 66 | The association of C-reactive protein and CRP genotype with coronary heart disease: findings from five studies with 4,610 cases amongst 18,637 participants. <i>PLoS ONE</i> , <b>2008</b> , 3, e3011   | 3.7  | 79  |
| 65 | A novel common variant in DCST2 is associated with length in early life and height in adulthood. <i>Human Molecular Genetics</i> , <b>2015</b> , 24, 1155-68  | 5.6  | 77  |
| 64 | Sequence variants in three loci influence monocyte counts and erythrocyte volume. <i>American Journal of Human Genetics</i> , <b>2009</b> , 85, 745-9   | 11   | 67  |
| 63 | Genome-wide association study of sexual maturation in males and females highlights a role for body mass and menarche loci in male puberty. <i>Human Molecular Genetics</i> , <b>2014</b> , 23, 4452-64  | 5.6  | 66  |
| 62 | Using Mendelian randomization to determine causal effects of maternal pregnancy (intrauterine) exposures on offspring outcomes: Sources of bias and methods for assessing them. <i>Wellcome Open Research</i> , <b>2017</b> , 2, 11   | 4.8  | 63  |
| 61 | A comprehensive investigation of variants in genes encoding adiponectin (ADIPOQ) and its receptors (ADIPOR1/R2), and their association with serum adiponectin, type 2 diabetes, insulin resistance and the metabolic syndrome. <i>BMC Medical Genetics</i> , <b>2013</b> , 14, 15 | 2.1  | 56  |
| 60 | Common variation near ROBO2 is associated with expressive vocabulary in infancy. <i>Nature Communications</i> , <b>2014</b> , 5, 4831   | 17.4 | 54  |
| 59 | Obesity-susceptibility loci have a limited influence on birth weight: a meta-analysis of up to 28,219 individuals. <i>American Journal of Clinical Nutrition</i> , <b>2011</b> , 93, 851-60   | 7    | 50  |

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| 58 | Genome-wide association study to identify the genetic determinants of otitis media susceptibility in childhood. <i>PLoS ONE</i> , <b>2012</b> , 7, e48215  | 3.7  | 49 |
| 57 | Association of adiposity genetic variants with menarche timing in 92,105 women of European descent. <i>American Journal of Epidemiology</i> , <b>2013</b> , 178, 451-60  | 3.8  | 48 |
| 56 | Using structural equation modelling to jointly estimate maternal and fetal effects on birthweight in the UK Biobank. <i>International Journal of Epidemiology</i> , <b>2018</b> , 47, 1229-1241                      | 7.8  | 47 |
| 55 | Association of a body mass index genetic risk score with growth throughout childhood and adolescence. <i>PLoS ONE</i> , <b>2013</b> , 8, e79547  | 3.7  | 41 |
| 54 | GWAS on longitudinal growth traits reveals different genetic factors influencing infant, child, and adult BMI. <i>Science Advances</i> , <b>2019</b> , 5, eaaw3095   | 14.3 | 39 |
| 53 | Shared genetic variants suggest common pathways in allergy and autoimmune diseases. <i>Journal of Allergy and Clinical Immunology</i> , <b>2017</b> , 140, 771-781   | 11.5 | 36 |
| 52 | Elucidating the role of maternal environmental exposures on offspring health and disease using two-sample Mendelian randomization. <i>International Journal of Epidemiology</i> , <b>2019</b> , 48, 861-875          | 7.8  | 36 |
| 51 | Genome-wide association study identifies 48 common genetic variants associated with handedness. <i>Nature Human Behaviour</i> , <b>2021</b> , 5, 59-70   | 12.8 | 33 |
| 50 | Evidence for three genetic loci involved in both anorexia nervosa risk and variation of body mass index. <i>Molecular Psychiatry</i> , <b>2017</b> , 22, 192-201   | 15.1 | 31 |
| 49 | Polymorphisms of the interleukin-6 gene promoter and abdominal aortic aneurysm. <i>European Journal of Vascular and Endovascular Surgery</i> , <b>2008</b> , 35, 31-6  | 2.3  | 30 |
| 48 | Common variation contributes to the genetic architecture of social communication traits. <i>Molecular Autism</i> , <b>2013</b> , 4, 34   | 6.5  | 29 |
| 47 | Genome-wide association study identifies nine novel loci for 2D:4D finger ratio, a putative retrospective biomarker of testosterone exposure in utero. <i>Human Molecular Genetics</i> , <b>2018</b> , 27, 2025-2038 | 5.6  | 27 |
| 46 | The impact of breastfeeding on FTO-related BMI growth trajectories: an application to the Raine pregnancy cohort study. <i>International Journal of Epidemiology</i> , <b>2012</b> , 41, 1650-60                     | 7.8  | 26 |
| 45 | Polymorphisms of the matrix metalloproteinase 9 gene and abdominal aortic aneurysm. <i>British Journal of Surgery</i> , <b>2008</b> , 95, 1239-44  | 5.3  | 25 |
| 44 | Genome-wide meta-analysis of common variant differences between men and women. <i>Human Molecular Genetics</i> , <b>2012</b> , 21, 4805-15   | 5.6  | 24 |
| 43 | Genetic variation in the beta-2 adrenergic receptor is associated with chronic musculoskeletal complaints in adolescents. <i>European Journal of Pain</i> , <b>2012</b> , 16, 1232-42                                | 3.7  | 24 |
| 42 | Genetic influences on trajectories of systolic blood pressure across childhood and adolescence. <i>Circulation: Cardiovascular Genetics</i> , <b>2013</b> , 6, 608-14  |      | 24 |
| 41 | Loci affecting gamma-glutamyl transferase in adults and adolescents show age $\times$ BNP interaction and cardiometabolic disease associations. <i>Human Molecular Genetics</i> , <b>2012</b> , 21, 446-55           | 5.6  | 23 |

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| 40 | Genetic variants in adult bone mineral density and fracture risk genes are associated with the rate of bone mineral density acquisition in adolescence. <i>Human Molecular Genetics</i> , <b>2015</b> , 24, 4158-66                   | 5.6  | 22 |
| 39 | Modelling BMI trajectories in children for genetic association studies. <i>PLoS ONE</i> , <b>2013</b> , 8, e53897   | 3.7  | 22 |
| 38 | The association of common genetic variants in the APOA5, LPL and GCK genes with longitudinal changes in metabolic and cardiovascular traits. <i>Diabetologia</i> , <b>2009</b> , 52, 106-14   | 10.3 | 22 |
| 37 | Apolipoprotein E genotype is associated with serum C-reactive protein but not abdominal aortic aneurysm. <i>Atherosclerosis</i> , <b>2010</b> , 209, 487-91   | 3.1  | 20 |
| 36 | Bayesian methods for meta-analysis of causal relationships estimated using genetic instrumental variables. <i>Statistics in Medicine</i> , <b>2010</b> , 29, 1298-311   | 2.3  | 20 |
| 35 | The Effect of Plasma Lipids and Lipid-Lowering Interventions on Bone Mineral Density: A Mendelian Randomization Study. <i>Journal of Bone and Mineral Research</i> , <b>2020</b> , 35, 1224-1235                                      | 6.3  | 19 |
| 34 | Maternal and fetal genetic contribution to gestational weight gain. <i>International Journal of Obesity</i> , <b>2018</b> , 42, 775-784   | 5.5  | 19 |
| 33 | Hospitalisation with infection, asthma and allergy in Kawasaki disease patients and their families: genealogical analysis using linked population data. <i>PLoS ONE</i> , <b>2011</b> , 6, e28004                                     | 3.7  | 19 |
| 32 | Variants near CCNL1/LEKR1 and in ADCY5 and fetal growth characteristics in different trimesters. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2011</b> , 96, E810-5   | 5.6  | 19 |
| 31 | The Early Growth Genetics (EGG) and EARly Genetics and Lifecourse Epidemiology (EAGLE) consortia: design, results and future prospects. <i>European Journal of Epidemiology</i> , <b>2019</b> , 34, 279-300                           | 12.1 | 18 |
| 30 | Genome-wide association study of blood lead shows multiple associations near ALAD. <i>Human Molecular Genetics</i> , <b>2015</b> , 24, 3871-9   | 5.6  | 18 |
| 29 | Using a two-sample Mendelian randomization design to investigate a possible causal effect of maternal lipid concentrations on offspring birth weight. <i>International Journal of Epidemiology</i> , <b>2019</b> , 48, 1457-1467      | 7.8  | 17 |
| 28 | Associations between anxious-depressed symptoms and cardiovascular risk factors in a longitudinal childhood study. <i>Preventive Medicine</i> , <b>2012</b> , 54, 345-50  | 4.3  | 16 |
| 27 | Calculating Power to Detect Maternal and Offspring Genetic Effects in Genetic Association Studies. <i>Behavior Genetics</i> , <b>2019</b> , 49, 327-339   | 3.2  | 15 |
| 26 | Robustness of the linear mixed effects model to error distribution assumptions and the consequences for genome-wide association studies. <i>Statistical Applications in Genetics and Molecular Biology</i> , <b>2014</b> , 13, 567-87 | 1.2  | 14 |
| 25 | The longitudinal association of common susceptibility variants for type 2 diabetes and obesity with fasting glucose level and BMI. <i>BMC Medical Genetics</i> , <b>2010</b> , 11, 140  | 2.1  | 14 |
| 24 | Mendelian randomization study of maternal influences on birthweight and future cardiometabolic risk in the HUNT cohort. <i>Nature Communications</i> , <b>2020</b> , 11, 5404   | 17.4 | 14 |
| 23 | Matrix metalloproteinase-2 gene variants and abdominal aortic aneurysm. <i>European Journal of Vascular and Endovascular Surgery</i> , <b>2009</b> , 38, 169-71   | 2.3  | 10 |

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| 22 | Integrating Family-Based and Mendelian Randomization Designs. <i>Cold Spring Harbor Perspectives in Medicine</i> , <b>2021</b> , 11,   | 5.4  | 9 |
| 21 | Characterization of tumor necrosis factor- $\beta$ block haplotypes associated with susceptibility to chronic venous leg ulcers in Caucasian patients. <i>Human Immunology</i> , <b>2010</b> , 71, 1214-9  | 2.3  | 8 |
| 20 | Associations between aggressive behaviour scores and cardiovascular risk factors in childhood. <i>Pediatric Obesity</i> , <b>2012</b> , 7, 319-28  | 4.6  | 7 |
| 19 | Functional haplotypes in the PTGDR gene fail to associate with asthma in two Australian populations. <i>Respirology</i> , <b>2011</b> , 16, 359-66   | 3.6  | 7 |
| 18 | Role of the TCF4 gene intronic variant in normal variation of corneal endothelium. <i>Cornea</i> , <b>2012</b> , 31, 1623-6  | 3.1  | 7 |
| 17 | Fat mass and obesity-associated obesity-risk genotype is associated with lower foetal growth: an effect that is reversed in the offspring of smoking mothers. <i>Journal of Developmental Origins of Health and Disease</i> , <b>2012</b> , 3, 10-20 | 2.4  | 7 |
| 16 | A cautionary note on using Mendelian randomization to examine the Barker hypothesis and Developmental Origins of Health and Disease (DOHaD). <i>Journal of Developmental Origins of Health and Disease</i> , <b>2021</b> , 12, 688-693               | 2.4  | 7 |
| 15 | A population-based study of polymorphisms in genes related to sex hormones and abdominal aortic aneurysm. <i>European Journal of Human Genetics</i> , <b>2011</b> , 19, 363-6  | 5.3  | 6 |
| 14 | Estimating indirect parental genetic effects on offspring phenotypes using virtual parental genotypes derived from sibling and half sibling pairs. <i>PLoS Genetics</i> , <b>2020</b> , 16, e1009154   | 6    | 6 |
| 13 | The PHF11 gene is not associated with asthma or asthma phenotypes in two independent populations. <i>Thorax</i> , <b>2009</b> , 64, 620-5  | 7.3  | 5 |
| 12 | Introducing M-GCTA a Software Package to Estimate Maternal (or Paternal) Genetic Effects on Offspring Phenotypes. <i>Behavior Genetics</i> , <b>2020</b> , 50, 51-66   | 3.2  | 5 |
| 11 | The effect of plasma lipids and lipid lowering interventions on bone mineral density: a Mendelian randomization study  |      | 3 |
| 10 | Genome-wide association study to identify common variants associated with brachial circumference: a meta-analysis of 14 cohorts. <i>PLoS ONE</i> , <b>2012</b> , 7, e31369   | 3.7  | 2 |
| 9  | LD Hub: a centralized database and web interface to perform LD score regression that maximizes the potential of summary level GWAS data for SNP heritability and genetic correlation analysis  |      | 2 |
| 8  | Effect modification of FADS2 polymorphisms on the association between breastfeeding and intelligence: results from a collaborative meta-analysis. <i>International Journal of Epidemiology</i> , <b>2019</b> , 48, 45-57                             | 7.8  | 2 |
| 7  | Antibody response to common human viruses is shaped by genetic factors. <i>Journal of Allergy and Clinical Immunology</i> , <b>2019</b> , 143, 1640-1643   | 11.5 | 1 |
| 6  | Investigating a Potential Causal Relationship Between Maternal Blood Pressure During Pregnancy and Future Offspring Cardiometabolic Health. <i>Hypertension</i> , <b>2022</b> , 79, 170-177  | 8.5  | 1 |
| 5  | Higher maternal adiposity reduces offspring birth weight if associated with a metabolically favourable profile   |      | 1 |

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| 4 | Fetal alleles predisposing to metabolically favourable adiposity are associated with higher birth weight   |      | 1 |
| 3 | Investigating the causal effect of maternal vitamin B12 and folate levels on offspring birthweight. <i>International Journal of Epidemiology</i> , <b>2021</b> , 50, 179-189 | 7.8  | 1 |
| 2 | Higher maternal adiposity reduces offspring birthweight if associated with a metabolically favourable profile. <i>Diabetologia</i> , <b>2021</b> , 64, 2790-2802             | 10.3 | 0 |
| 1 | Estimating direct and indirect genetic effects on offspring phenotypes using genome-wide summary results data. <i>Nature Communications</i> , <b>2021</b> , 12, 5420         | 17.4 | 0 |