Nicole M Warrington

List of Publications by Year in Descending Order

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

#	Paper	IF	Citations
93	Investigating a Potential Causal Relationship Between Maternal Blood Pressure During Pregnancy and Future Offspring Cardiometabolic Health. *Hypertension*, **2022**, 79, 170-177	8.5	1
92	A cautionary note on using Mendelian randomization to examine the Barker hypothesis and Developmental Origins of Health and Disease (DOHaD). *Journal of Developmental Origins of Health and Disease*, **2021**, 12, 688-693	2.4	7
91	Integrating Family-Based and Mendelian Randomization Designs. *Cold Spring Harbor Perspectives in Medicine*, **2021**, 11,	5.4	9
90	Genome-wide association study identifies 48 common genetic variants associated with handedness. *Nature Human Behaviour*, **2021**, 5, 59-70	12.8	33
89	Investigating the causal effect of maternal vitamin B12 and folate levels on offspring birthweight. *International Journal of Epidemiology*, **2021**, 50, 179-189	7.8	1
88	Higher maternal adiposity reduces offspring birthweight if associated with a metabolically favourable profile. *Diabetologia*, **2021**, 64, 2790-2802	10.3	0
87	Estimating direct and indirect genetic effects on offspring phenotypes using genome-wide summary results data. *Nature Communications*, **2021**, 12, 5420	17.4	0
86	The Effect of Plasma Lipids and Lipid-Lowering Interventions on Bone Mineral Density: A Mendelian Randomization Study. *Journal of Bone and Mineral Research*, **2020**, 35, 1224-1235	6.3	19
85	Estimating indirect parental genetic effects on offspring phenotypes using virtual parental genotypes derived from sibling and half sibling pairs. *PLoS Genetics*, **2020**, 16, e1009154	6	6
84	Introducing M-GCTA a Software Package to Estimate Maternal (or Paternal) Genetic Effects on Offspring Phenotypes. *Behavior Genetics*, **2020**, 50, 51-66	3.2	5
83	Mendelian randomization study of maternal influences on birthweight and future cardiometabolic risk in the HUNT cohort. *Nature Communications*, **2020**, 11, 5404	17.4	14
82	GWAS on longitudinal growth traits reveals different genetic factors influencing infant, child, and adult BMI. *Science Advances*, **2019**, 5, eaaw3095	14.3	39
81	Antibody response to common human viruses is shaped by genetic factors. *Journal of Allergy and Clinical Immunology*, **2019**, 143, 1640-1643	11.5	1
80	Maternal and fetal genetic effects on birth weight and their relevance to cardio-metabolic risk factors. *Nature Genetics*, **2019**, 51, 804-814	36.3	181
79	The Early Growth Genetics (EGG) and EArly Genetics and Lifecourse Epidemiology (EAGLE) consortia: design, results and future prospects. *European Journal of Epidemiology*, **2019**, 34, 279-300	12.1	18
78	Elucidating the role of maternal environmental exposures on offspring health and disease using two-sample Mendelian randomization. *International Journal of Epidemiology*, **2019**, 48, 861-875	7.8	36
77	Using a two-sample Mendelian randomization design to investigate a possible causal effect of maternal lipid concentrations on offspring birth weight. *International Journal of Epidemiology*, **2019**, 48, 1457-1467	7.8	17

76	Calculating Power to Detect Maternal and Offspring Genetic Effects in Genetic Association Studies. *Behavior Genetics*, **2019**, 49, 327-339	3.2	15
75	Effect modification of FADS2 polymorphisms on the association between breastfeeding and intelligence: results from a collaborative meta-analysis. *International Journal of Epidemiology*, **2019**, 48, 45-57	7.8	2
74	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. *Human Molecular Genetics*, **2018**, 27, 742-756	5.6	98
73	Genome-wide association study identifies nine novel loci for 2D:4D finger ratio, a putative retrospective biomarker of testosterone exposure in utero. *Human Molecular Genetics*, **2018**, 27, 2025-2038	5.6	27
72	Using structural equation modelling to jointly estimate maternal and fetal effects on birthweight in the UK Biobank. *International Journal of Epidemiology*, **2018**, 47, 1229-1241	7.8	47
71	Maternal and fetal genetic contribution to gestational weight gain. *International Journal of Obesity*, **2018**, 42, 775-784	5.5	19
70	Assessment of the genetic and clinical determinants of fracture risk: genome wide association and mendelian randomisation study. *BMJ, The*, **2018**, 362, k3225	5.9	114
69	Evidence for three genetic loci involved in both anorexia nervosa risk and variation of body mass index. *Molecular Psychiatry*, **2017**, 22, 192-201	15.1	31
68	Shared genetic variants suggest common pathways in allergy and autoimmune diseases. *Journal of Allergy and Clinical Immunology*, **2017**, 140, 771-781	11.5	36
67	Large-scale GWAS identifies multiple loci for hand grip strength providing biological insights into muscular fitness. *Nature Communications*, **2017**, 8, 16015	17.4	80
66	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. *Bioinformatics*, **2017**, 33, 272-279	7.2	541
65	Using Mendelian randomization to determine causal effects of maternal pregnancy (intrauterine) exposures on offspring outcomes: Sources of bias and methods for assessing them. *Wellcome Open Research*, **2017**, 2, 11	4.8	63
64	Identification of 153 new loci associated with heel bone mineral density and functional involvement of GPC6 in osteoporosis. *Nature Genetics*, **2017**, 49, 1468-1475	36.3	235
63	Genome-wide associations for birth weight and correlations with adult disease. *Nature*, **2016**, 538, 248-252	32.4	266
62	Genome-wide association study of blood lead shows multiple associations near ALAD. *Human Molecular Genetics*, **2015**, 24, 3871-9	5.6	18
61	Genetic variants in adult bone mineral density and fracture risk genes are associated with the rate of bone mineral density acquisition in adolescence. *Human Molecular Genetics*, **2015**, 24, 4158-66	5.6	22
60	A novel common variant in DCST2 is associated with length in early life and height in adulthood. *Human Molecular Genetics*, **2015**, 24, 1155-68	5.6	77
59	A genome-wide association study of body mass index across early life and childhood. *International Journal of Epidemiology*, **2015**, 44, 700-12	7.8	92

58	Brief Report: Intestinal Dysbiosis in Ankylosing Spondylitis. *Arthritis and Rheumatology*, **2015**, 67, 686-691	9.5	252
57	New genetic loci link adipose and insulin biology to body fat distribution. *Nature*, **2015**, 518, 187-196	50.4	920
56	Genetic studies of body mass index yield new insights for obesity biology. *Nature*, **2015**, 518, 197-206	50.4	2687
55	Genome-wide association study of sexual maturation in males and females highlights a role for body mass and menarche loci in male puberty. *Human Molecular Genetics*, **2014**, 23, 4452-64	5.6	66
54	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. *PLoS Genetics*, **2014**, 10, e1004423	6	107
53	Robustness of the linear mixed effects model to error distribution assumptions and the consequences for genome-wide association studies. *Statistical Applications in Genetics and Molecular Biology*, **2014**, 13, 567-87	1.2	14
52	Common variation near ROBO2 is associated with expressive vocabulary in infancy. *Nature Communications*, **2014**, 5, 4831	17.4	54
51	Meta-analysis of genome-wide association studies identifies ten loci influencing allergic sensitization. *Nature Genetics*, **2013**, 45, 902-906	36.3	191
50	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. *BMC Medical Genetics*, **2013**, 14, 15	2.1	56
49	Genome-wide association and longitudinal analyses reveal genetic loci linking pubertal height growth, pubertal timing and childhood adiposity. *Human Molecular Genetics*, **2013**, 22, 2735-47	5.6	138
48	Common variation contributes to the genetic architecture of social communication traits. *Molecular Autism*, **2013**, 4, 34	6.5	29
47	Genetic influences on trajectories of systolic blood pressure across childhood and adolescence. *Circulation: Cardiovascular Genetics*, **2013**, 6, 608-14		24
46	Association of adiposity genetic variants with menarche timing in 92,105 women of European descent. *American Journal of Epidemiology*, **2013**, 178, 451-60	3.8	48
45	New loci associated with birth weight identify genetic links between intrauterine growth and adult height and metabolism. *Nature Genetics*, **2013**, 45, 76-82	36.3	232
44	Modelling BMI trajectories in children for genetic association studies. *PLoS ONE*, **2013**, 8, e53897	3.7	22
43	Association of a body mass index genetic risk score with growth throughout childhood and adolescence. *PLoS ONE*, **2013**, 8, e79547	3.7	41
42	Associations between anxious-depressed symptoms and cardiovascular risk factors in a longitudinal childhood study. *Preventive Medicine*, **2012**, 54, 345-50	4.3	16
41	Associations between aggressive behaviour scores and cardiovascular risk factors in childhood. *Pediatric Obesity*, **2012**, 7, 319-28	4.6	7

40	A genome-wide association meta-analysis identifies new childhood obesity loci. *Nature Genetics*, **2012**, 44, 526-31	36.3	292
39	Genome-wide meta-analysis of common variant differences between men and women. *Human Molecular Genetics*, **2012**, 21, 4805-15	5.6	24
38	Genetic variation in the beta-2 adrenergic receptor is associated with chronic musculoskeletal complaints in adolescents. *European Journal of Pain*, **2012**, 16, 1232-42	3.7	24
37	Genome-wide association study to identify the genetic determinants of otitis media susceptibility in childhood. *PLoS ONE*, **2012**, 7, e48215	3.7	49
36	The impact of breastfeeding on FTO-related BMI growth trajectories: an application to the Raine pregnancy cohort study. *International Journal of Epidemiology*, **2012**, 41, 1650-60	7.8	26
35	Common variants at 12q15 and 12q24 are associated with infant head circumference. *Nature Genetics*, **2012**, 44, 532-538	36.3	94
34	Loci affecting gamma-glutamyl transferase in adults and adolescents show age SNP interaction and cardiometabolic disease associations. *Human Molecular Genetics*, **2012**, 21, 446-55	5.6	23
33	Role of the TCF4 gene intronic variant in normal variation of corneal endothelium. *Cornea*, **2012**, 31, 162-6	3.1	7
32	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. *Journal of Developmental Origins of Health and Disease*, **2012**, 3, 10-20	2.4	7
31	Genome-wide association study to identify common variants associated with brachial circumference: a meta-analysis of 14 cohorts. *PLoS ONE*, **2012**, 7, e31369	3.7	2
30	Meta-analysis of genome-wide association studies identifies three new risk loci for atopic dermatitis. *Nature Genetics*, **2011**, 44, 187-92	36.3	244
29	Identification of IL6R and chromosome 11q13.5 as risk loci for asthma. *Lancet, The*, **2011**, 378, 1006-14	40	298
28	Hospitalisation with infection, asthma and allergy in Kawasaki disease patients and their families: genealogical analysis using linked population data. *PLoS ONE*, **2011**, 6, e28004	3.7	19
27	Functional haplotypes in the PTGDR gene fail to associate with asthma in two Australian populations. *Respirology*, **2011**, 16, 359-66	3.6	7
26	A population-based study of polymorphisms in genes related to sex hormones and abdominal aortic aneurysm. *European Journal of Human Genetics*, **2011**, 19, 363-6	5.3	6
25	Variants near CCNL1/LEKR1 and in ADCY5 and fetal growth characteristics in different trimesters. *Journal of Clinical Endocrinology and Metabolism*, **2011**, 96, E810-5	5.6	19
24	Association between C reactive protein and coronary heart disease: mendelian randomisation analysis based on individual participant data. *BMJ, The*, **2011**, 342, d548	5.9	422
23	Obesity-susceptibility loci have a limited influence on birth weight: a meta-analysis of up to 28,219 individuals. *American Journal of Clinical Nutrition*, **2011**, 93, 851-60	7	50

22	Association of genetic Loci with glucose levels in childhood and adolescence: a meta-analysis of over 6,000 children. *Diabetes*, **2011**, 60, 1805-12	0.9	83
21	Genome-wide association and large-scale follow up identifies 16 new loci influencing lung function. *Nature Genetics*, **2011**, 43, 1082-90	36.3	313
20	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. *PLoS Genetics*, **2011**, 7, e1001307	6	141
19	Variants in ADCY5 and near CCNL1 are associated with fetal growth and birth weight. *Nature Genetics*, **2010**, 42, 430-5	36.3	184
18	Thirty new loci for age at menarche identified by a meta-analysis of genome-wide association studies. *Nature Genetics*, **2010**, 42, 1077-85	36.3	372
17	Characterization of tumor necrosis factor- block haplotypes associated with susceptibility to chronic venous leg ulcers in Caucasian patients. *Human Immunology*, **2010**, 71, 1214-9	2.3	8
16	Apolipoprotein E genotype is associated with serum C-reactive protein but not abdominal aortic aneurysm. *Atherosclerosis*, **2010**, 209, 487-91	3.1	20
15	The longitudinal association of common susceptibility variants for type 2 diabetes and obesity with fasting glucose level and BMI. *BMC Medical Genetics*, **2010**, 11, 140	2.1	14
14	Bayesian methods for meta-analysis of causal relationships estimated using genetic instrumental variables. *Statistics in Medicine*, **2010**, 29, 1298-311	2.3	20
13	The PHF11 gene is not associated with asthma or asthma phenotypes in two independent populations. *Thorax*, **2009**, 64, 620-5	7.3	5
12	Matrix metalloproteinase-2 gene variants and abdominal aortic aneurysm. *European Journal of Vascular and Endovascular Surgery*, **2009**, 38, 169-71	2.3	10
11	Analyses of associations with asthma in four asthma population samples from Canada and Australia. *Human Genetics*, **2009**, 125, 445-59	6.3	91
10	The association of common genetic variants in the APOA5, LPL and GCK genes with longitudinal changes in metabolic and cardiovascular traits. *Diabetologia*, **2009**, 52, 106-14	10.3	22
9	Sequence variants affecting eosinophil numbers associate with asthma and myocardial infarction. *Nature Genetics*, **2009**, 41, 342-7	36.3	627
8	Sequence variants in three loci influence monocyte counts and erythrocyte volume. *American Journal of Human Genetics*, **2009**, 85, 745-9	11	67
7	Polymorphisms of the interleukin-6 gene promoter and abdominal aortic aneurysm. *European Journal of Vascular and Endovascular Surgery*, **2008**, 35, 31-6	2.3	30
6	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. *PLoS ONE*, **2008**, 3, e3011	3.7	79
5	Polymorphisms of the matrix metalloproteinase 9 gene and abdominal aortic aneurysm. *British Journal of Surgery*, **2008**, 95, 1239-44	5.3	25

List of Publications

4	Higher maternal adiposity reduces offspring birth weight if associated with a metabolically favourable profile	1
3	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
2	Fetal alleles predisposing to metabolically favourable adiposity are associated with higher birth weight	1
1	The effect of plasma lipids and lipid lowering interventions on bone mineral density: a Mendelian randomization study	3