Robin N Beaumont

List of Publications by Year
in descending order

72 papers	6,941 citations	126708 33 h-index	91712 69 g-index
109 all docs	109 docs citations	109 times ranked	11713 citing authors

#	Article	IF	Citations
1	Meta-analysis of genome-wide association studies for body fat distribution in 694Â649 individuals of European ancestry. Human Molecular Genetics, 2019, 28, 166-174.	1.4	752
2	Genome-wide association analyses of chronotype in 697,828 individuals provides insights into circadian rhythms. Nature Communications, 2019, 10, 343.	5.8	417
3	Genome-wide associations for birth weight and correlations with adult disease. Nature, 2016, 538, 248-252.	13.7	406
4	Maternal and fetal genetic effects on birth weight and their relevance to cardio-metabolic risk factors. Nature Genetics, 2019, 51, 804-814.	9.4	402
5	Using human genetics to understand the disease impacts of testosterone in men and women. Nature Medicine, 2020, 26, 252-258.	15.2	384
6	Genome-wide association study identifies genetic loci for self-reported habitual sleep duration supported by accelerometer-derived estimates. Nature Communications, 2019, 10, 1100.	5.8	369
7	Genome-Wide Association Analyses in 128,266 Individuals Identifies New Morningness and Sleep Duration Loci. PLoS Genetics, 2016, 12, e1006125.	1.5	308
8	Biological and clinical insights from genetics of insomnia symptoms. Nature Genetics, 2019, 51, 387-393.	9.4	250
9	Height, body mass index, and socioeconomic status: mendelian randomisation study in UK Biobank. BMJ, The, 2016, 352, i582.	3.0	247
10	Genetic studies of accelerometer-based sleep measures yield new insights into human sleep behaviour. Nature Communications, 2019, 10, 1585.	5.8	189
11	Development and Standardization of an Improved Type 1 Diabetes Genetic Risk Score for Use in Newborn Screening and Incident Diagnosis. Diabetes Care, 2019, 42, 200-207.	4.3	187
12	Genetic insights into biological mechanisms governing human ovarian ageing. Nature, 2021, 596, 393-397.	13.7	183
13	Geneâ€“obesogenic environment interactions in the UK Biobank study. International Journal of Epidemiology, 2017, 46, dyw337.	0.9	159
14	Assessing the Pathogenicity, Penetrance, and Expressivity of Putative Disease-Causing Variants in a Population Setting. American Journal of Human Genetics, 2019, 104, 275-286.	2.6	158
15	Genome-wide association study of offspring birth weight in 86â€‰577 women identifies five novel loci and highlights maternal genetic effects that are independent of fetal genetics. Human Molecular Genetics, 2018, 27, 742-756.	1.4	156
16	Using genetics to understand the causal influence of higher BMI on depression. International Journal of Epidemiology, 2019, 48, 834-848.	0.9	156
17	Evidence of a causal relationship between body mass index and psoriasis: A mendelian randomization study. PLoS Medicine, 2019, 16, e1002739.	3.9	144
18	Genetic Evidence for a Link Between Favorable Adiposity and Lower Risk of Type 2 Diabetes, Hypertension, and Heart Disease. Diabetes, 2016, 65, 2448-2460.	0.3	122

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19	Human longevity is influenced by many genetic variants: evidence from 75,000 UK Biobank participants. Aging, 2016, 8, 547-560.	1.4	113
20	Genetic predictors of participation in optional components of UK Biobank. Nature Communications, 2021, 12, 886.	5.8	106
21	Novel loci for childhood body mass index and shared heritability with adult cardiometabolic traits. PLoS Genetics, 2020, 16, e1008718.	1.5	95
22	Telomere length and risk of idiopathic pulmonary fibrosis and chronic obstructive pulmonary disease: a mendelian randomisation study. Lancet Respiratory Medicine,the, 2021, 9, 285-294.	5.2	94
23	Mosaic Turner syndrome shows reduced penetrance in an adult population study. Genetics in Medicine, 2019, 21, 877-886.	1.1	88
24	Genome-wide Study of Atrial Fibrillation Identifies Seven Risk Loci and Highlights Biological Pathways and Regulatory Elements Involved in Cardiac Development. American Journal of Human Genetics, 2018, 102, 103-115.	2.6	86
25	Genome-wide association analysis of diverticular disease points towards neuromuscular, connective tissue and epithelial pathomechanisms. Gut, 2019, 68, 854-865.	6.1	84
26	A Common Allele in FGF21 Associated with Sugar Intake Is Associated with Body Shape, Lower Total Body-Fat Percentage, and Higher Blood Pressure. Cell Reports, 2018, 23, 327-336.	2.9	76
27	Genome-Wide and Abdominal MRI Data Provide Evidence That a Genetically Determined Favorable Adiposity Phenotype Is Characterized by Lower Ectopic Liver Fat and Lower Risk of Type 2 Diabetes, Heart Disease, and Hypertension. Diabetes, 2019, 68, 207-219.	0.3	72
28	Variants in the FTO and CDKAL1 loci have recessive effects on risk of obesity and type 2 diabetes, respectively. Diabetologia, 2016, 59, 1214-1221.	2.9	65
29	CNV-association meta-analysis in 191,161 European adults reveals new loci associated with anthropometric traits. Nature Communications, 2017, 8, 744.	5.8	64
30	GWAS Identifies Risk Locus for Erectile Dysfunction and Implicates Hypothalamic Neurobiology and Diabetes in Etiology. American Journal of Human Genetics, 2019, 104, 157-163.	2.6	55
31	Genetic evidence that lower circulating FSH levels lengthen menstrual cycle, increase age at menopause and impact female reproductive health. Human Reproduction, 2016, 31, 473-481.	0.4	51
32	Variants in the fetal genome near pro-inflammatory cytokine genes on 2q13 associate with gestational duration. Nature Communications, 2019, 10, 3927.	5.8	49
33	Red blood cell distribution width: Genetic evidence for aging pathways in 116,666 volunteers. PLoS ONE, 2017, 12, e0185083.	1.1	49
34	Multi-ancestry genome-wide association study of gestational diabetes mellitus highlights genetic links with type 2 diabetes. Human Molecular Genetics, 2022, 31, 3377-3391.	1.4	47
35	Effects of body mass index on relationship status, social contact and socio-economic position: Mendelian randomization and within-sibling study in UK Biobank. International Journal of Epidemiology, 2020, 49, 1173-1184.	0.9	42
36	Genetic Evidence for Different Adiposity Phenotypes and Their Opposing Influences on Ectopic Fat and Risk of Cardiometabolic Disease. Diabetes, 2021, 70, 1843-1856.	0.3	42

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37	Quantifying the extent to which index event biases influence large genetic association studies. Human Molecular Genetics, 2017, 26, ddw433.	1.4	40
38	Does Obesity Cause Thyroid Cancer? A Mendelian Randomization Study. Journal of Clinical Endocrinology and Metabolism, 2020, 105, e2398-e2407.	1.8	40
39	Association of maternal circulating 25(OH)D and calcium with birth weight: A mendelian randomisation analysis. PLoS Medicine, 2019, 16, e1002828.	3.9	39
40	Fetal Genotype and Maternal Glucose Have Independent and Additive Effects on Birth Weight. Diabetes, 2018, 67, 1024-1029.	0.3	38
41	Maternal and fetal genetic contribution to gestational weight gain. International Journal of Obesity, 2018, 42, 775-784.	1.6	36
42	Rare genetic variants in genes and loci linked to dominant monogenic developmental disorders cause milder related phenotypes in the general population. American Journal of Human Genetics, 2022, 109, 1308-1316.	2.6	35
43	Genome-Wide Association Study of Microscopic Colitis in the UK Biobank Confirms Immune-Related Pathogenesis. Journal of Crohn's and Colitis, 2019, 13, 1578-1582.	0.6	32
44	Is disrupted sleep a risk factor for Alzheimerâ€™s disease? Evidence from a two-sample Mendelian randomization analysis. International Journal of Epidemiology, 2021, 50, 817-828.	0.9	31
45	Higher adiposity and mental health: causal inference using Mendelian randomization. Human Molecular Genetics, 2021, 30, 2371-2382.	1.4	29
46	How Can Genetic Studies Help Us to Understand Links Between Birth Weight and Type 2 Diabetes?. Current Diabetes Reports, 2017, 17, 22.	1.7	28
47	Using Mendelian Randomisation methods to understand whether diurnal preference is causally related to mental health. Molecular Psychiatry, 2021, 26, 6305-6316.	4.1	26
48	A genome-wide association study identifies 5 loci associated with frozen shoulder and implicates diabetes as a causal risk factor. PLoS Genetics, 2021, 17, e1009577.	1.5	23
49	Genetic evidence that higher central adiposity causes gastro-oesophageal reflux disease: a Mendelian randomization study. International Journal of Epidemiology, 2020, 49, 1270-1281.	0.9	20
50	A single nucleotide polymorphism genetic risk score to aid diagnosis of coeliac disease: a pilot study in clinical care. Alimentary Pharmacology and Therapeutics, 2020, 52, 1165-1173.	1.9	17
51	A genome-wide association study implicates multiple mechanisms influencing raised urinary albuminâ€“creatinine ratio. Human Molecular Genetics, 2019, 28, 4197-4207.	1.4	16
52	The Effect of Genetic Variation on the Placental Transcriptome in Humans. Frontiers in Genetics, 2019, 10, 550.	1.1	15
53	Detection and characterization of male sex chromosome abnormalities in the UK Biobank study. Genetics in Medicine, 2022, 24, 1909-1919.	1.1	14
54	Common maternal and fetal genetic variants show expected polygenic effects on risk of small- or large-for-gestational-age (SGA or LGA), except in the smallest 3% of babies. PLoS Genetics, 2020, 16, e1009191.	1.5	13

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55	The influence of transmitted and non-transmitted parental BMI-associated alleles on the risk of overweight in childhood. Scientific Reports, 2020, 10, 4806.	1.6	12
56	Disease consequences of higher adiposity uncoupled from its adverse metabolic effects using Mendelian randomisation. ELife, 2022, 11, .	2.8	10
57	Clinical Features and Genetic Risk of Demyelination Following Anti-TNF Treatment. Journal of Crohn's and Colitis, 2020, 14, 1653-1661.	0.6	9
58	Higher maternal adiposity reduces offspring birthweight if associated with a metabolically favourable profile. Diabetologia, 2021, 64, 2790-2802.	2.9	9
59	Vortex erosion in a shallow water model of the polar vortex. Dynamics of Atmospheres and Oceans, 2017, 78, 137-151.	0.7	7
60	Understanding Factors That Cause Tinnitus: A Mendelian Randomization Study in the UK Biobank. Ear and Hearing, 2022, 43, 70-80.	1.0	7
61	Large Copy-Number Variants in UK Biobank Caused by Clonal Hematopoiesis May Confound Penetrance Estimates. American Journal of Human Genetics, 2020, 107, 325-329.	2.6	6
62	Investigating the causal effect of maternal vitamin B12 and folate levels on offspring birthweight. International Journal of Epidemiology, 2021, 50, 179-189.	0.9	6
63	Mendelian randomization supports a causative effect of TSH on thyroid carcinoma. Endocrine-Related Cancer, 2020, 27, 551-559.	1.6	6
64	Response to Prakash et al.. Genetics in Medicine, 2019, 21, 1884-1885.	1.1	5
65	Vortex dynamics of stratospheric sudden warmings: A reanalysis data study using PV contour integral diagnostics. Quarterly Journal of the Royal Meteorological Society, 2019, 145, 1013-1033.	1.0	4
66	Babies of South Asian and European Ancestry Show Similar Associations With Genetic Risk Score for Birth Weight Despite the Smaller Size of South Asian Newborns. Diabetes, 2022, 71, 821-836.	0.3	3
67	Fetal alleles predisposing to metabolically favorable adiposity are associated with higher birth weight. Human Molecular Genetics, 2022, 31, 1762-1775.	1.4	2
68	Genetically defined favourable adiposity is not associated with a clinically meaningful difference in clinical course in people with type 2 diabetes but does associate with a favourable metabolic profile. Diabetic Medicine, 2021, 38, e14531.	1.2	1
69	Common genetic variants with fetal effects on birth weight are enriched for proximity to genes implicated in rare developmental disorders. Human Molecular Genetics, 2021, 30, 1057-1066.	1.4	1
70	OWE-16â€...Development and clinical validation of a genetic risk score for coeliac disease. , 2019, , .		0
71	Mendelian randomization to investigate the link between TSH and thyroid cancer. Endocrine-Related Cancer, 2021, 28, L11-L14.	1.6	0
72	Mendelian randomization supports a causative effect of TSH on thyroid carcinoma. Endocrine-Related Cancer, 2020, 27, Z1.	1.6	0