John R B Perry

List of Publications by Citations

108 papers	18,089 citations	57 h-index	117 g-index
117 ext. papers	24,579 ext. citations	19.1 avg, IF	5.61 L-index

#	Paper	IF	Citations
108	Genetic studies of body mass index yield new insights for obesity biology. *Nature*, **2015**, 518, 197-206	50.4	2687
107	An atlas of genetic correlations across human diseases and traits. *Nature Genetics*, **2015**, 47, 1236-41	36.3	1841
106	Partitioning heritability by functional annotation using genome-wide association summary statistics. *Nature Genetics*, **2015**, 47, 1228-35	36.3	1143
105	Gene discovery and polygenic prediction from a genome-wide association study of educational attainment in 1.1 million individuals. *Nature Genetics*, **2018**, 50, 1112-1121	36.3	950
104	New genetic loci link adipose and insulin biology to body fat distribution. *Nature*, **2015**, 518, 187-196	50.4	920
103	The genetic architecture of type 2 diabetes. *Nature*, **2016**, 536, 41-47	50.4	704
102	Genetic variance estimation with imputed variants finds negligible missing heritability for human height and body mass index. *Nature Genetics*, **2015**, 47, 1114-20	36.3	522
101	An Expanded Genome-Wide Association Study of Type 2 Diabetes in Europeans. *Diabetes*, **2017**, 66, 2888-2902	8.9	414
100	Rare and low-frequency coding variants alter human adult height. *Nature*, **2017**, 542, 186-190	50.4	412
99	Parent-of-origin-specific allelic associations among 106 genomic loci for age at menarche. *Nature*, **2014**, 514, 92-97	50.4	401
98	Heritability enrichment of specifically expressed genes identifies disease-relevant tissues and cell types. *Nature Genetics*, **2018**, 50, 621-629	36.3	400
97	Integrative genomic analysis implicates limited peripheral adipose storage capacity in the pathogenesis of human insulin resistance. *Nature Genetics*, **2017**, 49, 17-26	36.3	312
96	Genetic fine mapping and genomic annotation defines causal mechanisms at type 2 diabetes susceptibility loci. *Nature Genetics*, **2015**, 47, 1415-25	36.3	292
95	GWAS of lifetime cannabis use reveals new risk loci, genetic overlap with psychiatric traits, and a causal influence of schizophrenia. *Nature Neuroscience*, **2018**, 21, 1161-1170	25.5	270
94	Genome-wide associations for birth weight and correlations with adult disease. *Nature*, **2016**, 538, 248-252	50.4	266
93	Genomic analyses identify hundreds of variants associated with age at menarche and support a role for puberty timing in cancer risk. *Nature Genetics*, **2017**, 49, 834-841	36.3	257
92	Puberty timing associated with diabetes, cardiovascular disease and also diverse health outcomes in men and women: the UK Biobank study. *Scientific Reports*, **2015**, 5, 11208	4.9	254

91	Meta-analyses identify 13 loci associated with age at menopause and highlight DNA repair and immune pathways. *Nature Genetics*, **2012**, 44, 260-8	36.3	243
90	Large-scale genomic analyses link reproductive aging to hypothalamic signaling, breast cancer susceptibility and BRCA1-mediated DNA repair. *Nature Genetics*, **2015**, 47, 1294-1303	36.3	226
89	Association Between Low-Density Lipoprotein Cholesterol-Lowering Genetic Variants and Risk of Type 2 Diabetes: A Meta-analysis. *JAMA - Journal of the American Medical Association*, **2016**, 316, 1383-1391	27.4	225
88	Meta-analysis of genome-wide association data identifies two loci influencing age at menarche. *Nature Genetics*, **2009**, 41, 648-50	36.3	223
87	Genetic Predisposition to an Impaired Metabolism of the Branched-Chain Amino Acids and Risk of Type 2 Diabetes: A Mendelian Randomisation Analysis. *PLoS Medicine*, **2016**, 13, e1002179	11.6	214
86	Causal mechanisms and balancing selection inferred from genetic associations with polycystic ovary syndrome. *Nature Communications*, **2015**, 6, 8464	17.4	203
85	Genome-wide analysis identifies 12 loci influencing human reproductive behavior. *Nature Genetics*, **2016**, 48, 1462-1472	36.3	198
84	Protein-altering variants associated with body mass index implicate pathways that control energy intake and expenditure in obesity. *Nature Genetics*, **2018**, 50, 26-41	36.3	186
83	New loci for body fat percentage reveal link between adiposity and cardiometabolic disease risk. *Nature Communications*, **2016**, 7, 10495	17.4	180
82	Large-scale genome-wide meta-analysis of polycystic ovary syndrome suggests shared genetic architecture for different diagnosis criteria. *PLoS Genetics*, **2018**, 14, e1007813	6	166
81	Stratifying type 2 diabetes cases by BMI identifies genetic risk variants in LAMA1 and enrichment for risk variants in lean compared to obese cases. *PLoS Genetics*, **2012**, 8, e1002741	6	162
80	Genetic evidence that raised sex hormone binding globulin (SHBG) levels reduce the risk of type 2 diabetes. *Human Molecular Genetics*, **2010**, 19, 535-44	5.6	150
79	Large-scale GWAS reveals insights into the genetic architecture of same-sex sexual behavior. *Science*, **2019**, 365,	33.3	139
78	Genetic evidence for a normal-weight "metabolically obese" phenotype linking insulin resistance, hypertension, coronary artery disease, and type 2 diabetes. *Diabetes*, **2014**, 63, 4369-77	0.9	131
77	Genome-Wide Association Studies of a Broad Spectrum of Antisocial Behavior. *JAMA Psychiatry*, **2017**, 74, 1242-1250	14.5	124
76	Using human genetics to understand the disease impacts of testosterone in men and women. *Nature Medicine*, **2020**, 26, 252-258	50.5	121
75	Directional dominance on stature and cognition in diverse human populations. *Nature*, **2015**, 523, 459-462	50.4	119
74	Physical and neurobehavioral determinants of reproductive onset and success. *Nature Genetics*, **2016**, 48, 617-623	36.3	118

73	A genome-wide association meta-analysis of circulating sex hormone-binding globulin reveals multiple Loci implicated in sex steroid hormone regulation. *PLoS Genetics*, **2012**, 8, e1002805	6	116
72	Associations between Potentially Modifiable Risk Factors and Alzheimer Disease: A Mendelian Randomization Study. *PLoS Medicine*, **2015**, 12, e1001841; discussion e1001841	11.6	115
71	Human Gain-of-Function MC4R Variants Show Signaling Bias and Protect against Obesity. *Cell*, **2019**, 177, 597-607.e9	56.2	113
70	GWAS of epigenetic aging rates in blood reveals a critical role for TERT. *Nature Communications*, **2018**, 9, 387	17.4	106
69	Investigating the Causal Relationship of C-Reactive Protein with 32 Complex Somatic and Psychiatric Outcomes: A Large-Scale Cross-Consortium Mendelian Randomization Study. *PLoS Medicine*, **2016**, 13, e1001976	11.6	100
68	Evidence of a Causal Association Between Insulinemia and Endometrial Cancer: A Mendelian Randomization Analysis. *Journal of the National Cancer Institute*, **2015**, 107,	9.7	96
67	Dissecting Causal Pathways Using Mendelian Randomization with Summarized Genetic Data: Application to Age at Menarche and Risk of Breast Cancer. *Genetics*, **2017**, 207, 481-487	4	91
66	Interrogating type 2 diabetes genome-wide association data using a biological pathway-based approach. *Diabetes*, **2009**, 58, 1463-7	0.9	87
65	New gene variants alter type 2 diabetes risk predominantly through reduced beta-cell function. *Current Opinion in Clinical Nutrition and Metabolic Care*, **2008**, 11, 371-7	3.8	86
64	Genetic predisposition to mosaic Y chromosome loss in blood. *Nature*, **2019**, 575, 652-657	50.4	83
63	A genome-wide association study of early menopause and the combined impact of identified variants. *Human Molecular Genetics*, **2013**, 22, 1465-72	5.6	82
62	Elucidating the genetic basis of social interaction and isolation. *Nature Communications*, **2018**, 9, 2457	17.4	81
61	Association of Genetic Variants Related to Gluteofemoral vs Abdominal Fat Distribution With Type 2 Diabetes, Coronary Disease, and Cardiovascular Risk Factors. *JAMA - Journal of the American Medical Association*, **2018**, 320, 2553-2563	27.4	78
60	Shared genetic aetiology of puberty timing between sexes and with health-related outcomes. *Nature Communications*, **2015**, 6, 8842	17.4	75
59	Whole-Genome Sequencing Coupled to Imputation Discovers Genetic Signals for Anthropometric Traits. *American Journal of Human Genetics*, **2017**, 100, 865-884	11	74
58	Genetic variants associated with mosaic Y chromosome loss highlight cell cycle genes and overlap with cancer susceptibility. *Nature Genetics*, **2017**, 49, 674-679	36.3	70
57	Identification of nine new susceptibility loci for endometrial cancer. *Nature Communications*, **2018**, 9, 3166	17.4	70
56	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

55	Identification of Common Genetic Variants Influencing Spontaneous Dizygotic Twinning and Female Fertility. *American Journal of Human Genetics*, **2016**, 98, 898-908	11	66
54	Genome-wide association study with 1000 genomes imputation identifies signals for nine sex hormone-related phenotypes. *European Journal of Human Genetics*, **2016**, 24, 284-90	5.3	61
53	Replication and characterization of and genes on human behavior. *Heliyon*, **2017**, 3, e00349	3.6	61
52	A Robust Example of Collider Bias in a Genetic Association Study. *American Journal of Human Genetics*, **2016**, 98, 392-3	11	60
51	Whole-genome sequence-based analysis of thyroid function. *Nature Communications*, **2015**, 6, 5681	17.4	56
50	Discovery and refinement of genetic loci associated with cardiometabolic risk using dense imputation maps. *Nature Genetics*, **2016**, 48, 1303-1312	36.3	51
49	Identifying genetic variants that affect viability in large cohorts. *PLoS Biology*, **2017**, 15, e2002458	9.7	49
48	Genome-wide analysis of health-related biomarkers in the UK Household Longitudinal Study reveals novel associations. *Scientific Reports*, **2017**, 7, 11008	4.9	49
47	Molecular insights into the aetiology of female reproductive ageing. *Nature Reviews Endocrinology*, **2015**, 11, 725-34	15.2	47
46	A rare variant in APOC3 is associated with plasma triglyceride and VLDL levels in Europeans. *Nature Communications*, **2014**, 5, 4871	17.4	46
45	Protein-coding variants implicate novel genes related to lipid homeostasis contributing to body-fat distribution. *Nature Genetics*, **2019**, 51, 452-469	36.3	44
44	Epigenome-Wide Association Study of Incident Type 2 Diabetes in a British Population: EPIC-Norfolk Study. *Diabetes*, **2019**, 68, 2315-2326	0.9	40
43	GWAS on longitudinal growth traits reveals different genetic factors influencing infant, child, and adult BMI. *Science Advances*, **2019**, 5, eaaw3095	14.3	39
42	Genetic Determinants of Circulating Estrogen Levels and Evidence of a Causal Effect of Estradiol on Bone Density in Men. *Journal of Clinical Endocrinology and Metabolism*, **2018**, 103, 991-1004	5.6	37
41	Genome-wide association and epidemiological analyses reveal common genetic origins between uterine leiomyomata and endometriosis. *Nature Communications*, **2019**, 10, 4857	17.4	34
40	Season of birth is associated with birth weight, pubertal timing, adult body size and educational attainment: a UK Biobank study. *Heliyon*, **2015**, 1, e00031	3.6	31
39	Events in Early Life are Associated with Female Reproductive Ageing: A UK Biobank Study. *Scientific Reports*, **2016**, 6, 24710	4.9	31
38	Genome-wide association study for risk taking propensity indicates shared pathways with body mass index. *Communications Biology*, **2018**, 1, 36	6.7	30

37	Association of Genetically Enhanced Lipoprotein Lipase-Mediated Lipolysis and Low-Density Lipoprotein Cholesterol-Lowering Alleles With Risk of Coronary Disease and Type 2 Diabetes. *JAMA Cardiology*, **2018**, 3, 957-966	16.2	30
36	A Low-Frequency Inactivating Variant Enriched in the Finnish Population Is Associated With Fasting Insulin Levels and Type 2 Diabetes Risk. *Diabetes*, **2017**, 66, 2019-2032	0.9	29
35	Elucidating the genetic architecture of reproductive ageing in the Japanese population. *Nature Communications*, **2018**, 9, 1977	17.4	28
34	Genetic insights into biological mechanisms governing human ovarian ageing. *Nature*, **2021**, 596, 393-397	50.4	28
33	Genomic and phenotypic insights from an atlas of genetic effects on DNA methylation. *Nature Genetics*, **2021**, 53, 1311-1321	36.3	27
32	Genome-wide meta-analysis of common variant differences between men and women. *Human Molecular Genetics*, **2012**, 21, 4805-15	5.6	24
31	Rare coding variants and X-linked loci associated with age at menarche. *Nature Communications*, **2015**, 6, 7756	17.4	23
30	Sequence data and association statistics from 12,940 type 2 diabetes cases and controls. *Scientific Data*, **2017**, 4, 170179	8.2	22
29	Circulating beta-carotene levels and type 2 diabetes-cause or effect?. *Diabetologia*, **2009**, 52, 2117-21	10.3	21
28	Associations of vomiting and antiemetic use in pregnancy with levels of circulating GDF15 early in the second trimester: A nested case-control study. *Wellcome Open Research*, **2018**, 3, 123	4.8	21
27	Genome-wide association study meta-analysis for quantitative ultrasound parameters of bone identifies five novel loci for broadband ultrasound attenuation. *Human Molecular Genetics*, **2017**, 26, 2791-2802	5.6	20
26	Identification of seven novel loci associated with amino acid levels using single-variant and gene-based tests in 8545 Finnish men from the METSIM study. *Human Molecular Genetics*, **2018**, 27, 1664-1674	5.6	20
25	Genetic analyses identify widespread sex-differential participation bias. *Nature Genetics*, **2021**, 53, 663-671	36.3	20
24	GWAS of mosaic loss of chromosome Y highlights genetic effects on blood cell differentiation. *Nature Communications*, **2019**, 10, 4719	17.4	18
23	Voice break in boys-temporal relations with other pubertal milestones and likely causal effects of BMI. *Human Reproduction*, **2019**, 34, 1514-1522	5.7	14
22	Immune cells lacking Y chromosome show dysregulation of autosomal gene expression. *Cellular and Molecular Life Sciences*, **2021**, 78, 4019-4033	10.3	13
21	The CD94/NKG2A inhibitory receptor educates uterine NK cells to optimize pregnancy outcomes in humans and mice. *Immunity*, **2021**, 54, 1231-1244.e4	32.3	13
20	Genomic analysis of male puberty timing highlights shared genetic basis with hair colour and lifespan. *Nature Communications*, **2020**, 11, 1536	17.4	12

19	Genome-wide association study identifies common and low-frequency variants at the AMH gene locus that strongly predict serum AMH levels in males. *Human Molecular Genetics*, **2016**, 25, 382-8	5.6	12
18	A distinctive epigenetic ageing profile in human granulosa cells. *Human Reproduction*, **2020**, 35, 1332-1345	5.7	9
17	MC3R links nutritional state to childhood growth and the timing of puberty. *Nature*, **2021**, 599, 436-441	50.4	9
16	Exploring the genetic correlations of antisocial behaviour and life history traits. *BJPsych Open*, **2018**, 4, 467-470	5	8
15	Whole-genome sequencing to understand the genetic architecture of common gene expression and biomarker phenotypes. *Human Molecular Genetics*, **2015**, 24, 1504-12	5.6	7
14	Genetic association study of childhood aggression across raters, instruments, and age. *Translational Psychiatry*, **2021**, 11, 413	8.6	7
13	A Polygenic Risk Score to Predict Future Adult Short Stature Among Children. *Journal of Clinical Endocrinology and Metabolism*, **2021**, 106, 1918-1928	5.6	5
12	Identification of 371 genetic variants for age at first sex and birth linked to externalising behaviour. *Nature Human Behaviour*, **2021**,	12.8	5
11	Genome studies must account for history-Response. *Science*, **2019**, 366, 1461-1462	33.3	4
10	The NEMP family supports metazoan fertility and nuclear envelope stiffness. *Science Advances*, **2020**, 6, eabb4591	14.3	3
9	GIGYF1 loss of function is associated with clonal mosaicism and adverse metabolic health. *Nature Communications*, **2021**, 12, 4178	17.4	3
8	Identification of a unique epigenetic profile in women with diminished ovarian reserve. *Fertility and Sterility*, **2021**, 115, 732-741	4.8	3
7	Serum Estradiol and 20 Site-Specific Cancers in Women: Mendelian Randomization Study. *Journal of Clinical Endocrinology and Metabolism*, **2021**,	5.6	2
6	Response to Comment on "Large-scale GWAS reveals insights into the genetic architecture of same-sex sexual behavior". *Science*, **2021**, 371,	33.3	2
5	Prepubertal Dietary and Plasma Phospholipid Fatty Acids Related to Puberty Timing: Longitudinal Cohort and Mendelian Randomization Analyses. *Nutrients*, **2021**, 13,	6.7	2
4	Continuity of Genetic Risk for Aggressive Behavior Across the Life-Course. *Behavior Genetics*, **2021**, 51, 592-606	3.2	2
3	Elucidating the genetic architecture underlying IGF1 levels and its impact on genomic instability and cancer risk. *Wellcome Open Research*,6, 20	4.8	1
2	Identification of rare loss of function genetic variation regulating body fat distribution. *Journal of Clinical Endocrinology and Metabolism*, **2021**,	5.6	1

1 Using genetic variation to disentangle the complex relationship between food intake and health outcomes. *PLoS Genetics*, **2022**, 18, e1010162 6 0