

# F R Day

## 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.

100  
papers

15,151  
citations

41  
h-index

117  
g-index

117  
ext. papers

20,917  
ext. citations

18.3  
avg, IF

5.48  
L-index

#	Paper	IF	Citations
100	Genetic studies of body mass index yield new insights for obesity biology. <i>Nature</i> , <b>2015</b> , 518, 197-206	50.4	2687
99	An atlas of genetic correlations across human diseases and traits. <i>Nature Genetics</i> , <b>2015</b> , 47, 1236-41	36.3	1841
98	Defining the role of common variation in the genomic and biological architecture of adult human height. <i>Nature Genetics</i> , <b>2014</b> , 46, 1173-86	36.3	1339
97	Partitioning heritability by functional annotation using genome-wide association summary statistics. <i>Nature Genetics</i> , <b>2015</b> , 47, 1228-35	36.3	1143
96	Gene discovery and polygenic prediction from a genome-wide association study of educational attainment in 1.1 million individuals. <i>Nature Genetics</i> , <b>2018</b> , 50, 1112-1121	36.3	950
95	New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , <b>2015</b> , 518, 187-196	50.4	920
94	Genome-wide meta-analysis identifies 11 new loci for anthropometric traits and provides insights into genetic architecture. <i>Nature Genetics</i> , <b>2013</b> , 45, 501-12	36.3	437
93	Parent-of-origin-specific allelic associations among 106 genomic loci for age at menarche. <i>Nature</i> , <b>2014</b> , 514, 92-97	50.4	401
92	Integrative genomic analysis implicates limited peripheral adipose storage capacity in the pathogenesis of human insulin resistance. <i>Nature Genetics</i> , <b>2017</b> , 49, 17-26	36.3	312
91	Quality control and conduct of genome-wide association meta-analyses. <i>Nature Protocols</i> , <b>2014</b> , 9, 1192-218	28.8	278
90	Sex-stratified genome-wide association studies including 270,000 individuals show sexual dimorphism in genetic loci for anthropometric traits. <i>PLoS Genetics</i> , <b>2013</b> , 9, e1003500	6	277
89	GWAS of lifetime cannabis use reveals new risk loci, genetic overlap with psychiatric traits, and a causal influence of schizophrenia. <i>Nature Neuroscience</i> , <b>2018</b> , 21, 1161-1170	25.5	270
88	Genome-wide associations for birth weight and correlations with adult disease. <i>Nature</i> , <b>2016</b> , 538, 248-252	52.4	266
87	Genomic analyses identify hundreds of variants associated with age at menarche and support a role for puberty timing in cancer risk. <i>Nature Genetics</i> , <b>2017</b> , 49, 834-841	36.3	257
86	Puberty timing associated with diabetes, cardiovascular disease and also diverse health outcomes in men and women: the UK Biobank study. <i>Scientific Reports</i> , <b>2015</b> , 5, 11208	4.9	254
85	Large-scale genomic analyses link reproductive aging to hypothalamic signaling, breast cancer susceptibility and BRCA1-mediated DNA repair. <i>Nature Genetics</i> , <b>2015</b> , 47, 1294-1303	36.3	226
84	Causal mechanisms and balancing selection inferred from genetic associations with polycystic ovary syndrome. <i>Nature Communications</i> , <b>2015</b> , 6, 8464	17.4	203

83	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
82	New loci for body fat percentage reveal link between adiposity and cardiometabolic disease risk. <i>Nature Communications</i> , <b>2016</b> , 7, 10495	17.4	180
81	Large-scale genome-wide meta-analysis of polycystic ovary syndrome suggests shared genetic architecture for different diagnosis criteria. <i>PLoS Genetics</i> , <b>2018</b> , 14, e1007813	6	166
80	Using human genetics to understand the disease impacts of testosterone in men and women. <i>Nature Medicine</i> , <b>2020</b> , 26, 252-258	50.5	121
79	Physical and neurobehavioral determinants of reproductive onset and success. <i>Nature Genetics</i> , <b>2016</b> , 48, 617-623	36.3	118
78	Associations between Potentially Modifiable Risk Factors and Alzheimer Disease: A Mendelian Randomization Study. <i>PLoS Medicine</i> , <b>2015</b> , 12, e1001841; discussion e1001841	11.6	115
77	Human Gain-of-Function MC4R Variants Show Signaling Bias and Protect against Obesity. <i>Cell</i> , <b>2019</b> , 177, 597-607.e9	56.2	113
76	Developments in obesity genetics in the era of genome-wide association studies. <i>Journal of Nutrigenetics and Nutrigenomics</i> , <b>2011</b> , 4, 222-38		113
75	Genome-wide meta-analysis uncovers novel loci influencing circulating leptin levels. <i>Nature Communications</i> , <b>2016</b> , 7, 10494	17.4	107
74	GWAS of epigenetic aging rates in blood reveals a critical role for TERT. <i>Nature Communications</i> , <b>2018</b> , 9, 387	17.4	106
73	Dissecting Causal Pathways Using Mendelian Randomization with Summarized Genetic Data: Application to Age at Menarche and Risk of Breast Cancer. <i>Genetics</i> , <b>2017</b> , 207, 481-487	4	91
72	Genetic predisposition to mosaic Y chromosome loss in blood. <i>Nature</i> , <b>2019</b> , 575, 652-657	50.4	83
71	Elucidating the genetic basis of social interaction and isolation. <i>Nature Communications</i> , <b>2018</b> , 9, 2457	17.4	81
70	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
69	Association of Genetic Variants Related to Gluteofemoral vs Abdominal Fat Distribution With Type 2 Diabetes, Coronary Disease, and Cardiovascular Risk Factors. <i>JAMA - Journal of the American Medical Association</i> , <b>2018</b> , 320, 2553-2563	27.4	78
68	Shared genetic aetiology of puberty timing between sexes and with health-related outcomes. <i>Nature Communications</i> , <b>2015</b> , 6, 8842	17.4	75
67	Genetic variants associated with mosaic Y chromosome loss highlight cell cycle genes and overlap with cancer susceptibility. <i>Nature Genetics</i> , <b>2017</b> , 49, 674-679	36.3	70
66	Identification of nine new susceptibility loci for endometrial cancer. <i>Nature Communications</i> , <b>2018</b> , 9, 3166	17.4	70

65	Identification of Common Genetic Variants Influencing Spontaneous Dizygotic Twinning and Female Fertility. <i>American Journal of Human Genetics</i> , <b>2016</b> , 98, 898-908	11	66
64	Statistical estimation of cell-cycle progression and lineage commitment in <i>Plasmodium falciparum</i> reveals a homogeneous pattern of transcription in ex vivo culture. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 7559-64	11.5	64
63	Replication and characterization of and genes on human behavior. <i>Heliyon</i> , <b>2017</b> , 3, e00349	3.6	61
62	A Robust Example of Collider Bias in a Genetic Association Study. <i>American Journal of Human Genetics</i> , <b>2016</b> , 98, 392-3	11	60
61	Identifying genetic variants that affect viability in large cohorts. <i>PLoS Biology</i> , <b>2017</b> , 15, e2002458	9.7	49
60	Molecular insights into the aetiology of female reproductive ageing. <i>Nature Reviews Endocrinology</i> , <b>2015</b> , 11, 725-34	15.2	47
59	Associations of autozygosity with a broad range of human phenotypes. <i>Nature Communications</i> , <b>2019</b> , 10, 4957	17.4	40
58	Epigenome-Wide Association Study of Incident Type 2 Diabetes in a British Population: EPIC-Norfolk Study. <i>Diabetes</i> , <b>2019</b> , 68, 2315-2326	0.9	40
57	Assessing the causal association of glycine with risk of cardio-metabolic diseases. <i>Nature Communications</i> , <b>2019</b> , 10, 1060	17.4	38
56	Mediation and modification of genetic susceptibility to obesity by eating behaviors. <i>American Journal of Clinical Nutrition</i> , <b>2017</b> , 106, 996-1004	7	37
55	Genome-wide association and epidemiological analyses reveal common genetic origins between uterine leiomyomata and endometriosis. <i>Nature Communications</i> , <b>2019</b> , 10, 4857	17.4	34
54	Season of birth is associated with birth weight, pubertal timing, adult body size and educational attainment: a UK Biobank study. <i>Heliyon</i> , <b>2015</b> , 1, e00031	3.6	31
53	Genome-wide association study for risk taking propensity indicates shared pathways with body mass index. <i>Communications Biology</i> , <b>2018</b> , 1, 36	6.7	30
52	Genome-wide meta-analysis of macronutrient intake of 91,114 European ancestry participants from the cohorts for heart and aging research in genomic epidemiology consortium. <i>Molecular Psychiatry</i> , <b>2019</b> , 24, 1920-1932	15.1	30
51	Genetic Regulation of Puberty Timing in Humans. <i>Neuroendocrinology</i> , <b>2015</b> , 102, 247-255	5.6	30
50	Association of Genetically Enhanced Lipoprotein Lipase-Mediated Lipolysis and Low-Density Lipoprotein Cholesterol-Lowering Alleles With Risk of Coronary Disease and Type 2 Diabetes. <i>JAMA Cardiology</i> , <b>2018</b> , 3, 957-966	16.2	30
49	Elucidating the genetic architecture of reproductive ageing in the Japanese population. <i>Nature Communications</i> , <b>2018</b> , 9, 1977	17.4	28
48	Genetic insights into biological mechanisms governing human ovarian ageing. <i>Nature</i> , <b>2021</b> , 596, 393-397	50.4	28

47	Genomic and phenotypic insights from an atlas of genetic effects on DNA methylation. <i>Nature Genetics</i> , <b>2021</b> , 53, 1311-1321	36.3	27
46	An Atlas of Genetic Correlations across Human Diseases and Traits		24
45	Rare coding variants and X-linked loci associated with age at menarche. <i>Nature Communications</i> , <b>2015</b> , 6, 7756	17.4	23
44	Plasma Vitamin C and Type 2 Diabetes: Genome-Wide Association Study and Mendelian Randomization Analysis in European Populations. <i>Diabetes Care</i> , <b>2021</b> , 44, 98-106	14.6	21
43	Genetic analyses identify widespread sex-differential participation bias. <i>Nature Genetics</i> , <b>2021</b> , 53, 663-673	11.3	20
42	A genome-wide association study of polycystic ovary syndrome identified from electronic health records. <i>American Journal of Obstetrics and Gynecology</i> , <b>2020</b> , 223, 559.e1-559.e21	6.4	20
41	A Polygenic and Phenotypic Risk Prediction for Polycystic Ovary Syndrome Evaluated by Phenome-Wide Association Studies. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2020</b> , 105,	5.6	17
40	Genetic analyses identify widespread sex-differential participation bias		15
39	The association between circulating 25-hydroxyvitamin D metabolites and type 2 diabetes in European populations: A meta-analysis and Mendelian randomisation analysis. <i>PLoS Medicine</i> , <b>2020</b> , 17, e1003394	11.6	15
38	Voice break in boys-temporal relations with other pubertal milestones and likely causal effects of BMI. <i>Human Reproduction</i> , <b>2019</b> , 34, 1514-1522	5.7	14
37	Across-cohort QC analyses of GWAS summary statistics from complex traits. <i>European Journal of Human Genetics</i> , <b>2016</b> , 25, 137-146	5.3	13
36	Association of puberty timing with type 2 diabetes: A systematic review and meta-analysis. <i>PLoS Medicine</i> , <b>2020</b> , 17, e1003017	11.6	13
35	Genomic analysis of male puberty timing highlights shared genetic basis with hair colour and lifespan. <i>Nature Communications</i> , <b>2020</b> , 11, 1536	17.4	12
34	Genome-wide association study identifies common and low-frequency variants at the AMH gene locus that strongly predict serum AMH levels in males. <i>Human Molecular Genetics</i> , <b>2016</b> , 25, 382-8	5.6	12
33	Partitioning heritability by functional category using GWAS summary statistics		11
32	The potential shared role of inflammation in insulin resistance and schizophrenia: A bidirectional two-sample mendelian randomization study. <i>PLoS Medicine</i> , <b>2021</b> , 18, e1003455	11.6	11
31	Associations between body mass index-related genetic variants and adult body composition: The Fenland cohort study. <i>International Journal of Obesity</i> , <b>2017</b> , 41, 613-619	5.5	9
30	Genetic risk score for adult body mass index associations with childhood and adolescent weight gain in an African population. <i>Genes and Nutrition</i> , <b>2018</b> , 13, 24	4.3	9

29	MC3R links nutritional state to childhood growth and the timing of puberty. <i>Nature</i> , <b>2021</b> , 599, 436-441	50.4	9
28	Genetic markers of insulin sensitivity and insulin secretion are associated with spontaneous postnatal growth and response to growth hormone treatment in short SGA children: the North European SGA Study (NESGAS). <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2015</b> , 100, E503-7	5.6	8
27	Adiposity in Children Born Small for Gestational Age Is Associated With $\beta$ Cell Function, Genetic Variants for Insulin Resistance, and Response to Growth Hormone Treatment. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2016</b> , 101, 131-42	5.6	8
26	Genetic association study of childhood aggression across raters, instruments, and age. <i>Translational Psychiatry</i> , <b>2021</b> , 11, 413	8.6	7
25	Using genetic variation to disentangle the complex relationship between food intake and health outcomes		6
24	Genetic predisposition to mosaic Y chromosome loss in blood is associated with genomic instability in other tissues and susceptibility to non-haematological cancers		5
23	Identification of 371 genetic variants for age at first sex and birth linked to externalising behaviour. <i>Nature Human Behaviour</i> , <b>2021</b> ,	12.8	5
22	Genetic Association Study of Childhood Aggression across raters, instruments and age		4
21	Body shape and size in 6-year old children: assessment by three-dimensional photonic scanning. <i>International Journal of Obesity</i> , <b>2016</b> , 40, 1012-7	5.5	4
20	Identifying genetic variants that affect viability in large cohorts		3
19	Identification of 370 genetic loci for age at first sex and birth linked to externalising behaviour		3
18	Genetic basis of falling risk susceptibility in the UK Biobank Study. <i>Communications Biology</i> , <b>2020</b> , 3, 543	6.7	3
17	GIGYF1 loss of function is associated with clonal mosaicism and adverse metabolic health. <i>Nature Communications</i> , <b>2021</b> , 12, 4178	17.4	3
16	Genome-wide analysis identifies genetic effects on reproductive success and ongoing natural selection at the FADS locus		2
15	Genome-wide scan and fine-mapping of rare nonsynonymous associations implicates intracellular lipolysis genes in fat distribution and cardio-metabolic risk		2
14	Dissecting causal pathways using Mendelian randomization with summarized genetic data: application to age at menarche and risk of breast cancer		2
13	Prepubertal Dietary and Plasma Phospholipid Fatty Acids Related to Puberty Timing: Longitudinal Cohort and Mendelian Randomization Analyses. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	2
12	Continuity of Genetic Risk for Aggressive Behavior Across the Life-Course. <i>Behavior Genetics</i> , <b>2021</b> , 51, 592-606	3.2	2

11	Epigenome-wide association study of incident type 2 diabetes: a meta-analysis of five prospective European cohorts.. <i>Diabetologia</i> , <b>2022</b> , 65, 763	10.3	2
10	Genome-wide association analysis of lifetime cannabis use (N=184,765) identifies new risk loci, genetic overlap with mental health, and a causal influence of schizophrenia on cannabis use		1
9	Development and validation of total and regional body composition prediction equations from anthropometry and single frequency segmental bioelectrical impedance with DEXA		1
8	Expanded genomic analyses for male voice-breaking highlights a shared phenotypic and genetic basis between puberty timing and hair colour		1
7	Genomic analyses for age at menarche identify 389 independent signals and indicate BMI-independent effects of puberty timing on cancer susceptibility		1
6	GWAS of epigenetic ageing rates in blood reveals a critical role forTERT		1
5	Positive maternal attitudes to following healthy infant feeding guidelines attenuate the associations between infant appetitive traits and both infant milk intake and weight. <i>Appetite</i> , <b>2021</b> , 161, 105124	4.5	1
4	Elucidating the genetic architecture underlying IGF1 levels and its impact on genomic instability and cancer risk. <i>Wellcome Open Research</i> ,6, 20	4.8	1
3	Incident disease associations with mosaic chromosomal alterations on autosomes, X and Y chromosomes: insights from a phenome-wide association study in the UK Biobank. <i>Cell and Bioscience</i> , <b>2021</b> , 11, 143	9.8	1
2	Identification of rare loss of function genetic variation regulating body fat distribution. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2021</b> ,	5.6	1
1	Using genetic variation to disentangle the complex relationship between food intake and health outcomes. <i>PLoS Genetics</i> , <b>2022</b> , 18, e1010162	6	0