

Beben Benyamin

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.

65 papers	7,190 citations	29 h-index	71 g-index
71 ext. papers	9,279 ext. citations	10.1 avg, IF	5.14 L-index

#	Paper	IF	Citations
65	Common SNPs explain a large proportion of the heritability for human height. <i>Nature Genetics</i> , 2010 , 42, 565-9	36.3	2935
64	Meta-analysis of the heritability of human traits based on fifty years of twin studies. <i>Nature Genetics</i> , 2015 , 47, 702-9	36.3	1184
63	Seventy-five genetic loci influencing the human red blood cell. <i>Nature</i> , 2012 , 492, 369-75	50.4	257
62	Common variants in TMPRSS6 are associated with iron status and erythrocyte volume. <i>Nature Genetics</i> , 2009 , 41, 1173-5	36.3	189
61	Comparative genetic architectures of schizophrenia in East Asian and European populations. <i>Nature Genetics</i> , 2019 , 51, 1670-1678	36.3	185
60	Common genetic variants associated with cognitive performance identified using the proxy-phenotype method. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 13790-4	11.5	181
59	Childhood intelligence is heritable, highly polygenic and associated with FBNP1L. <i>Molecular Psychiatry</i> , 2014 , 19, 253-8	15.1	171
58	The role of adiposity in cardiometabolic traits: a Mendelian randomization analysis. <i>PLoS Medicine</i> , 2013 , 10, e1001474	11.6	144
57	Variants in TF and HFE explain approximately 40% of genetic variation in serum-transferrin levels. <i>American Journal of Human Genetics</i> , 2009 , 84, 60-5	11	131
56	Combined genome scans for body stature in 6,602 European twins: evidence for common Caucasian loci. <i>PLoS Genetics</i> , 2007 , 3, e97	6	129
55	A genome-wide association study of Cloninger's temperament scales: implications for the evolutionary genetics of personality. <i>Biological Psychology</i> , 2010 , 85, 306-17	3.2	128
54	Novel loci affecting iron homeostasis and their effects in individuals at risk for hemochromatosis. <i>Nature Communications</i> , 2014 , 5, 4926	17.4	121
53	Genome partitioning of genetic variation for height from 11,214 sibling pairs. <i>American Journal of Human Genetics</i> , 2007 , 81, 1104-10	11	110
52	Adiposity as a cause of cardiovascular disease: a Mendelian randomization study. <i>International Journal of Epidemiology</i> , 2015 , 44, 578-86	7.8	97
51	Are there common genetic and environmental factors behind the endophenotypes associated with the metabolic syndrome?. <i>Diabetologia</i> , 2007 , 50, 1880-1888	10.3	97
50	Large-scale GWAS identifies multiple loci for hand grip strength providing biological insights into muscular fitness. <i>Nature Communications</i> , 2017 , 8, 16015	17.4	80
49	Serum iron levels and the risk of Parkinson disease: a Mendelian randomization study. <i>PLoS Medicine</i> , 2013 , 10, e1001462	11.6	80

48	Unraveling the genetic etiology of adult antisocial behavior: a genome-wide association study. <i>PLoS ONE</i> , 2012 , 7, e45086	3.7	63
47	EigenGWAS: finding loci under selection through genome-wide association studies of eigenvectors in structured populations. <i>Heredity</i> , 2016 , 117, 51-61	3.6	54
46	Family-based genome-wide association studies. <i>Pharmacogenomics</i> , 2009 , 10, 181-90	2.6	53
45	Age- and sex-specific causal effects of adiposity on cardiovascular risk factors. <i>Diabetes</i> , 2015 , 64, 1841-52	5.29	50
44	Cross-ethnic meta-analysis identifies association of the GPX3-TNIP1 locus with amyotrophic lateral sclerosis. <i>Nature Communications</i> , 2017 , 8, 611	17.4	45
43	Novel approach identifies SNPs in SLC2A10 and KCNK9 with evidence for parent-of-origin effect on body mass index. <i>PLoS Genetics</i> , 2014 , 10, e1004508	6	45
42	The genetic aetiology of cannabis use initiation: a meta-analysis of genome-wide association studies and a SNP-based heritability estimation. <i>Addiction Biology</i> , 2013 , 18, 846-50	4.6	42
41	C9orf72 hexanucleotide repeat expansions in Chinese sporadic amyotrophic lateral sclerosis. <i>Neurobiology of Aging</i> , 2015 , 36, 2660.e1-8	5.6	40
40	GWAS of butyrylcholinesterase activity identifies four novel loci, independent effects within BCHE and secondary associations with metabolic risk factors. <i>Human Molecular Genetics</i> , 2011 , 20, 4504-14	5.6	35
39	Mapping genomic loci implicates genes and synaptic biology in schizophrenia.. <i>Nature</i> , 2022 ,	50.4	35
38	The use of linear mixed models to estimate variance components from data on twin pairs by maximum likelihood. <i>Twin Research and Human Genetics</i> , 2004 , 7, 670-4		32
37	Maps of open chromatin highlight cell type-restricted patterns of regulatory sequence variation at hematological trait loci. <i>Genome Research</i> , 2013 , 23, 1130-41	9.7	31
36	Association of rs1344706 in the ZNF804A gene with schizophrenia in a case/control sample from Indonesia. <i>Schizophrenia Research</i> , 2013 , 147, 46-52	3.6	29
35	Large, consistent estimates of the heritability of cognitive ability in two entire populations of 11-year-old twins from Scottish mental surveys of 1932 and 1947. <i>Behavior Genetics</i> , 2005 , 35, 525-34	3.2	29
34	Genome-wide association study identifies two loci strongly affecting transferrin glycosylation. <i>Human Molecular Genetics</i> , 2011 , 20, 3710-7	5.6	27
33	Cognitive function in adolescence: testing for interactions between breast-feeding and FADS2 polymorphisms. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2011 , 50, 55-62.e4	7.2	26
32	Loci affecting gamma-glutamyl transferase in adults and adolescents show age \times SNP interaction and cardiometabolic disease associations. <i>Human Molecular Genetics</i> , 2012 , 21, 446-55	5.6	23
31	Common genetic components of obesity traits and serum leptin. <i>Obesity</i> , 2008 , 16, 2723-9	8	22

30	Monozygotic twins and triplets discordant for amyotrophic lateral sclerosis display differential methylation and gene expression. <i>Scientific Reports</i> , 2019 , 9, 8254	4.9	21
29	Variance decomposition of apolipoproteins and lipids in Danish twins. <i>Atherosclerosis</i> , 2007 , 191, 40-7	3.1	21
28	Iron and hepcidin as risk factors in atherosclerosis: what do the genes say?. <i>BMC Genetics</i> , 2015 , 16, 79	2.6	20
27	Multicenter dizygotic twin cohort study confirms two linkage susceptibility loci for body mass index at 3q29 and 7q36 and identifies three further potential novel loci. <i>International Journal of Obesity</i> , 2009 , 33, 1235-42	5.5	19
26	Common and rare variant association analyses in amyotrophic lateral sclerosis identify 15 risk loci with distinct genetic architectures and neuron-specific biology. <i>Nature Genetics</i> , 2021 , 53, 1636-1648	36.3	19
25	Associations of genetically determined iron status across the phenome: A mendelian randomization study. <i>PLoS Medicine</i> , 2019 , 16, e1002833	11.6	18
24	Whole-exome sequencing in amyotrophic lateral sclerosis suggests NEK1 is a risk gene in Chinese. <i>Genome Medicine</i> , 2017 , 9, 97	14.4	17
23	Serum iron level and kidney function: a Mendelian randomization study. <i>Nephrology Dialysis Transplantation</i> , 2017 , 32, 273-278	4.3	16
22	Beyond the Single SNP: Emerging Developments in Mendelian Randomization in the Omics Era. <i>Current Epidemiology Reports</i> , 2014 , 1, 228-236	2.9	15
21	Significant out-of-sample classification from methylation profile scoring for amyotrophic lateral sclerosis. <i>Npj Genomic Medicine</i> , 2020 , 5, 10	6.2	11
20	Within-family outliers: segregating alleles or environmental effects? A linkage analysis of height from 5815 sibling pairs. <i>European Journal of Human Genetics</i> , 2008 , 16, 516-24	5.3	11
19	Identification of novel loci affecting circulating chromogranins and related peptides. <i>Human Molecular Genetics</i> , 2017 , 26, 233-242	5.6	11
18	Whole exome sequencing and DNA methylation analysis in a clinical amyotrophic lateral sclerosis cohort. <i>Molecular Genetics & Genomic Medicine</i> , 2017 , 5, 418-428	2.3	8
17	No Genetic Overlap Between Circulating Iron Levels and Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2017 , 59, 85-99	4.3	7
16	Precision and bias of a normal finite mixture distribution model to analyze twin data when zygosity is unknown: simulations and application to IQ phenotypes on a large sample of twin pairs. <i>Behavior Genetics</i> , 2006 , 36, 935-46	3.2	7
15	Polygenic risk score analysis for amyotrophic lateral sclerosis leveraging cognitive performance, educational attainment and schizophrenia. <i>European Journal of Human Genetics</i> , 2021 ,	5.3	7
14	Sharing a Placenta is Associated With a Greater Similarity in DNA Methylation in Monozygotic Versus Dizygotic Twin Pairs in Blood at Age 14. <i>Twin Research and Human Genetics</i> , 2015 , 18, 680-5	2.2	6
13	Genetic variation within a metabolic motif in the chromogranin a promoter: pleiotropic influence on cardiometabolic risk traits in twins. <i>American Journal of Hypertension</i> , 2012 , 25, 29-40	2.3	4

12	Urinary neopterin: a novel biomarker of disease progression in amyotrophic lateral sclerosis.. <i>European Journal of Neurology</i> , 2021 ,	6	4
11	The Use of Linear Mixed Models to Estimate Variance Components from Data on Twin Pairs by Maximum Likelihood		4
10	Investigating the relationship between iron and depression. <i>Journal of Psychiatric Research</i> , 2017 , 94, 148-155	5.2	3
9	Genome-wide association meta-analysis of childhood and adolescent internalising symptoms		3
8	Association of CamK2A genetic variants with transition time from occasional to regular heroin use in a sample of heroin-dependent individuals. <i>Psychiatric Genetics</i> , 2019 , 29, 18-25	2.9	3
7	Lifestyle modifies the diabetes-related metabolic risk, conditional on individual genetic differences		2
6	A genome-wide association study of total child psychiatric problems scores		2
5	Hepcidin-regulating iron metabolism genes and pancreatic ductal adenocarcinoma: a pathway analysis of genome-wide association studies. <i>American Journal of Clinical Nutrition</i> , 2021 , 114, 1408-1417		2
4	Genome-wide Association Meta-analysis of Childhood and Adolescent Internalizing Symptoms.. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2022 ,	7.2	2
3	Transferrin saturation and mortality. <i>Clinical Chemistry</i> , 2011 , 57, 921-3; author reply 923	5.5	1
2	Lifestyle Modifies the Diabetes-Related Metabolic Risk, Conditional on Individual Genetic Differences.. <i>Frontiers in Genetics</i> , 2022 , 13, 759309	4.5	0
1	Bodyweight QTL on mouse chromosomes 4 and 11 by selective genotyping: regression v. maximum likelihood. <i>Australian Journal of Experimental Agriculture</i> , 2007 , 47, 677		