Beben Benyamin

List of Publications by Year in Descending Order

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	Lifestyle Modifies the Diabetes-Related Metabolic Risk, Conditional on Individual Genetic Differences.. *Frontiers in Genetics*, **2022**, 13, 759309	4.5	0
64	Mapping genomic loci implicates genes and synaptic biology in schizophrenia.. *Nature*, **2022**,	50.4	35
63	Genome-wide Association Meta-analysis of Childhood and Adolescent Internalizing Symptoms.. *Journal of the American Academy of Child and Adolescent Psychiatry*, **2022**,	7.2	2
62	Urinary neopterin: a novel biomarker of disease progression in amyotrophic lateral sclerosis.. *European Journal of Neurology*, **2021**,	6	4
61	Common and rare variant association analyses in amyotrophic lateral sclerosis identify 15 risk loci with distinct genetic architectures and neuron-specific biology. *Nature Genetics*, **2021**, 53, 1636-1648	36.3	19
60	Polygenic risk score analysis for amyotrophic lateral sclerosis leveraging cognitive performance, educational attainment and schizophrenia. *European Journal of Human Genetics*, **2021**,	5.3	7
59	Hepcidin-regulating iron metabolism genes and pancreatic ductal adenocarcinoma: a pathway analysis of genome-wide association studies. *American Journal of Clinical Nutrition*, **2021**, 114, 1408-1417	7	2
58	Significant out-of-sample classification from methylation profile scoring for amyotrophic lateral sclerosis. *Npj Genomic Medicine*, **2020**, 5, 10	6.2	11
57	Associations of genetically determined iron status across the phenome: A mendelian randomization study. *PLoS Medicine*, **2019**, 16, e1002833	11.6	18
56	Monozygotic twins and triplets discordant for amyotrophic lateral sclerosis display differential methylation and gene expression. *Scientific Reports*, **2019**, 9, 8254	4.9	21
55	Comparative genetic architectures of schizophrenia in East Asian and European populations. *Nature Genetics*, **2019**, 51, 1670-1678	36.3	185
54	Association of CamK2A genetic variants with transition time from occasional to regular heroin use in a sample of heroin-dependent individuals. *Psychiatric Genetics*, **2019**, 29, 18-25	2.9	3
53	No Genetic Overlap Between Circulating Iron Levels and Alzheimer's Disease. *Journal of Alzheimer's Disease*, **2017**, 59, 85-99	4.3	7
52	Whole-exome sequencing in amyotrophic lateral sclerosis suggests NEK1 is a risk gene in Chinese. *Genome Medicine*, **2017**, 9, 97	14.4	17
51	Serum iron level and kidney function: a Mendelian randomization study. *Nephrology Dialysis Transplantation*, **2017**, 32, 273-278	4.3	16
50	Cross-ethnic meta-analysis identifies association of the GPX3-TNIP1 locus with amyotrophic lateral sclerosis. *Nature Communications*, **2017**, 8, 611	17.4	45
49	Whole exome sequencing and DNA methylation analysis in a clinical amyotrophic lateral sclerosis cohort. *Molecular Genetics & Genomic Medicine*, **2017**, 5, 418-428	2.3	8

48	Large-scale GWAS identifies multiple loci for hand grip strength providing biological insights into muscular fitness. *Nature Communications*, **2017**, 8, 16015	17.4	80
47	Investigating the relationship between iron and depression. *Journal of Psychiatric Research*, **2017**, 94, 148-155	5.2	3
46	Identification of novel loci affecting circulating chromogranins and related peptides. *Human Molecular Genetics*, **2017**, 26, 233-242	5.6	11
45	EigenGWAS: finding loci under selection through genome-wide association studies of eigenvectors in structured populations. *Heredity*, **2016**, 117, 51-61	3.6	54
44	Age- and sex-specific causal effects of adiposity on cardiovascular risk factors. *Diabetes*, **2015**, 64, 1841-52	8.29	50
43	Meta-analysis of the heritability of human traits based on fifty years of twin studies. *Nature Genetics*, **2015**, 47, 702-9	36.3	1184
42	Iron and hepcidin as risk factors in atherosclerosis: what do the genes say?. *BMC Genetics*, **2015**, 16, 79	2.6	20
41	C9orf72 hexanucleotide repeat expansions in Chinese sporadic amyotrophic lateral sclerosis. *Neurobiology of Aging*, **2015**, 36, 2660.e1-8	5.6	40
40	Sharing a Placenta is Associated With a Greater Similarity in DNA Methylation in Monochorionic Versus Dichorionic Twin Pars in Blood at Age 14. *Twin Research and Human Genetics*, **2015**, 18, 680-5	2.2	6
39	Adiposity as a cause of cardiovascular disease: a Mendelian randomization study. *International Journal of Epidemiology*, **2015**, 44, 578-86	7.8	97
38	Novel loci affecting iron homeostasis and their effects in individuals at risk for hemochromatosis. *Nature Communications*, **2014**, 5, 4926	17.4	121
37	Novel approach identifies SNPs in SLC2A10 and KCNK9 with evidence for parent-of-origin effect on body mass index. *PLoS Genetics*, **2014**, 10, e1004508	6	45
36	Common genetic variants associated with cognitive performance identified using the proxy-phenotype method. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 13790-4	11.5	181
35	Beyond the Single SNP: Emerging Developments in Mendelian Randomization in the □mics□Era. *Current Epidemiology Reports*, **2014**, 1, 228-236	2.9	15
34	Childhood intelligence is heritable, highly polygenic and associated with FNBP1L. *Molecular Psychiatry*, **2014**, 19, 253-8	15.1	171
33	The genetic aetiology of cannabis use initiation: a meta-analysis of genome-wide association studies and a SNP-based heritability estimation. *Addiction Biology*, **2013**, 18, 846-50	4.6	42
32	Association of rs1344706 in the ZNF804A gene with schizophrenia in a case/control sample from Indonesia. *Schizophrenia Research*, **2013**, 147, 46-52	3.6	29
31	Maps of open chromatin highlight cell type-restricted patterns of regulatory sequence variation at hematological trait loci. *Genome Research*, **2013**, 23, 1130-41	9.7	31

30	The role of adiposity in cardiometabolic traits: a Mendelian randomization analysis. *PLoS Medicine*, **2013**, 10, e1001474	11.6	144
29	Serum iron levels and the risk of Parkinson disease: a Mendelian randomization study. *PLoS Medicine*, **2013**, 10, e1001462	11.6	80
28	Seventy-five genetic loci influencing the human red blood cell. *Nature*, **2012**, 492, 369-75	50.4	257
27	Genetic variation within a metabolic motif in the chromogranin a promoter: pleiotropic influence on cardiometabolic risk traits in twins. *American Journal of Hypertension*, **2012**, 25, 29-40	2.3	4
26	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
25	Unraveling the genetic etiology of adult antisocial behavior: a genome-wide association study. *PLoS ONE*, **2012**, 7, e45086	3.7	63
24	Genome-wide association study identifies two loci strongly affecting transferrin glycosylation. *Human Molecular Genetics*, **2011**, 20, 3710-7	5.6	27
23	GWAS of butyrylcholinesterase activity identifies four novel loci, independent effects within BCHE and secondary associations with metabolic risk factors. *Human Molecular Genetics*, **2011**, 20, 4504-14	5.6	35
22	Cognitive function in adolescence: testing for interactions between breast-feeding and FADS2 polymorphisms. *Journal of the American Academy of Child and Adolescent Psychiatry*, **2011**, 50, 55-62.e4	7.2	26
21	Transferrin saturation and mortality. *Clinical Chemistry*, **2011**, 57, 921-3; author reply 923	5.5	1
20	Common SNPs explain a large proportion of the heritability for human height. *Nature Genetics*, **2010**, 42, 565-9	36.3	2935
19	A genome-wide association study of Cloninger's temperament scales: implications for the evolutionary genetics of personality. *Biological Psychology*, **2010**, 85, 306-17	3.2	128
18	Family-based genome-wide association studies. *Pharmacogenomics*, **2009**, 10, 181-90	2.6	53
17	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. *International Journal of Obesity*, **2009**, 33, 1235-42	5.5	19
16	Common variants in TMPRSS6 are associated with iron status and erythrocyte volume. *Nature Genetics*, **2009**, 41, 1173-5	36.3	189
15	Variants in TF and HFE explain approximately 40% of genetic variation in serum-transferrin levels. *American Journal of Human Genetics*, **2009**, 84, 60-5	11	131
14	Common genetic components of obesity traits and serum leptin. *Obesity*, **2008**, 16, 2723-9	8	22
13	Within-family outliers: segregating alleles or environmental effects? A linkage analysis of height from 5815 sibling pairs. *European Journal of Human Genetics*, **2008**, 16, 516-24	5.3	11

12	Are there common genetic and environmental factors behind the endophenotypes associated with the metabolic syndrome?. *Diabetologia*, **2007**, 50, 1880-1888	10.3	97
11	Combined genome scans for body stature in 6,602 European twins: evidence for common Caucasian loci. *PLoS Genetics*, **2007**, 3, e97	6	129
10	Variance decomposition of apolipoproteins and lipids in Danish twins. *Atherosclerosis*, **2007**, 191, 40-7	3.1	21
9	Genome partitioning of genetic variation for height from 11,214 sibling pairs. *American Journal of Human Genetics*, **2007**, 81, 1104-10	11	110
8	Bodyweight QTL on mouse chromosomes 4 and 11 by selective genotyping: regression v. maximum likelihood. *Australian Journal of Experimental Agriculture*, **2007**, 47, 677		
7	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. *Behavior Genetics*, **2006**, 36, 935-46	3.2	7
6	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. *Behavior Genetics*, **2005**, 35, 525-34	3.2	29
5	The use of linear mixed models to estimate variance components from data on twin pairs by maximum likelihood. *Twin Research and Human Genetics*, **2004**, 7, 670-4		32
4	The Use of Linear Mixed Models to Estimate Variance Components from Data on Twin Pairs by Maximum Likelihood		4
3	Lifestyle modifies the diabetes-related metabolic risk, conditional on individual genetic differences		2
2	A genome-wide association study of total child psychiatric problems scores		2
1	Genome-wide association meta-analysis of childhood and adolescent internalising symptoms		3