

A principal component meta-analysis on multiple anthropometric loci for body shape

Nature Communications

7, 13357

DOI: [10.1038/ncomms13357](https://doi.org/10.1038/ncomms13357)

Citation Report

#	ARTICLE	IF	CITATIONS
1	The Limits of Exercise Physiology: From Performance to Health. Cell Metabolism, 2017, 25, 1000-1011.	16.2	113
2	Epidemiology in Germany—general development and personal experience. European Journal of Epidemiology, 2017, 32, 635-656.	5.7	3
3	The metabolic syndrome- associated small G protein ARL15 plays a role in adipocyte differentiation and adiponectin secretion. Scientific Reports, 2017, 7, 17593.	3.3	24
4	Statistical methods to detect pleiotropy in human complex traits. Open Biology, 2017, 7, 170125.	3.6	113
5	Gene-Diet Interaction and Precision Nutrition in Obesity. International Journal of Molecular Sciences, 2017, 18, 787.	4.1	140
7	Transcriptional Regulatory Mechanisms in Adipose and Muscle Tissue Associated with Composite Glucometabolic Phenotypes. Obesity, 2018, 26, 559-569.	3.0	10
8	Estimating and testing direct genetic effects in directed acyclic graphs using estimating equations. Genetic Epidemiology, 2018, 42, 174-186.	1.3	2
9	Polygenic Obesity. Contemporary Endocrinology, 2018, , 183-202.	0.1	3
10	Genome-Wide Meta-Analysis Unravels Interactions between Magnesium Homeostasis and Metabolic Phenotypes. Journal of the American Society of Nephrology: JASN, 2018, 29, 335-348.	6.1	34
11	Humanity in a Dish: Population Genetics with iPSCs. Trends in Cell Biology, 2018, 28, 46-57.	7.9	23
12	Multidimensional Bone Density Phenotyping Reveals New Insights Into Genetic Regulation of the Pediatric Skeleton. Journal of Bone and Mineral Research, 2018, 33, 812-821.	2.8	8
13	Smoking modifies the effect of two independent SNPs rs5063 and rs198358 of NPPA on central obesity in the Chinese Han population. Journal of Genetics, 2018, 97, 987-994.	0.7	3
14	Genome-wide variants of Eurasian facial shape differentiation and a prospective model of DNA based face prediction. Journal of Genetics and Genomics, 2018, 45, 419-432.	3.9	38
15	A Survey of SNP Data Analysis. Big Data Mining and Analytics, 2018, 1, 173-190.	8.9	12
16	The case of GWAS of obesity: does body weight control play by the rules?. International Journal of Obesity, 2018, 42, 1395-1405.	3.4	45
17	Population-based analysis of ocular Chlamydia trachomatis in trachoma-endemic West African communities identifies genomic markers of disease severity. Genome Medicine, 2018, 10, 15.	8.2	18
18	A Large Multiethnic Genome-Wide Association Study of Adult Body Mass Index Identifies Novel Loci. Genetics, 2018, 210, 499-515.	2.9	131
19	Gene—Environment Interactions on Body Fat Distribution. International Journal of Molecular Sciences, 2019, 20, 3690.	4.1	29

#	ARTICLE	IF	CITATIONS
20	A genome-wide association study implicates multiple mechanisms influencing raised urinary albuminâ€œcreatinine ratio. Human Molecular Genetics, 2019, 28, 4197-4207.	2.9	16
21	Genetics of Eating and Weight Disorders. , 2019, , 67-71.		0
22	ARL15 overexpression attenuates high glucose-induced impairment of insulin signaling and oxidative stress in human umbilical vein endothelial cells. Life Sciences, 2019, 220, 127-135.	4.3	12
23	Genetics of Central Obesity and Body Fat. , 2019, , 153-174.		2
24	Unpacking the heritability of body mass index and other ratios. American Journal of Human Biology, 2019, 31, e23289.	1.6	1
25	Benefits and limitations of genome-wide association studies. Nature Reviews Genetics, 2019, 20, 467-484.	16.3	1,226
26	Complimentary Methods for Multivariate Genome-Wide Association Study Identify New Susceptibility Genes for Blood Cell Traits. Frontiers in Genetics, 2019, 10, 334.	2.3	31
27	Established and emerging strategies to crack the genetic code of obesity. Obesity Reviews, 2019, 20, 212-240.	6.5	21
28	RBM4 modulates the proliferation and expression of inflammatory factors via the alternative splicing of regulatory factors in HeLa cells. Molecular Genetics and Genomics, 2020, 295, 95-106.	2.1	10
29	Association mapping of resistance to emerging stem rust pathogen races in spring wheat using genotypingâ€œbyâ€œsequencing. Plant Genome, 2020, 13, e20050.	2.8	8
30	Analysis of genetically independent phenotypes identifies shared genetic factors associated with chronic musculoskeletal pain conditions. Communications Biology, 2020, 3, 329.	4.4	42
31	Detecting disease-related SNP loci based on GSP. Network Modeling Analysis in Health Informatics and Bioinformatics, 2020, 9, 1.	2.1	1
32	Heterogeneity in Obesity: Genetic Basis and Metabolic Consequences. Current Diabetes Reports, 2020, 20, 1.	4.2	25
33	A Mendelian Randomization Study Provides Evidence That Adiposity and Dyslipidemia Lead to Lower Urinary Albumin-to-Creatinine Ratio, a Marker of Microvascular Function. Diabetes, 2020, 69, 1072-1082.	0.6	10
34	Using Composite Phenotypes to Reveal Hidden Physiological Heterogeneity in High-Altitude Acclimatization in a Chinese Han Longitudinal Cohort. Phenomics, 2021, 1, 3-14.	2.9	10
37	ARL15 modulates magnesium homeostasis through N-glycosylation of CNNMs. Cellular and Molecular Life Sciences, 2021, 78, 5427-5445.	5.4	18
38	Transcription factor RFX7 governs a tumor suppressor network in response to p53 and stress. Nucleic Acids Research, 2021, 49, 7437-7456.	14.5	17
39	Composite trait Mendelian randomization reveals distinct metabolic and lifestyle consequences of differences in body shape. Communications Biology, 2021, 4, 1064.	4.4	13

#	ARTICLE	IF	CITATIONS
41	Computationally efficient, exact, covariate-adjusted genetic principal component analysis by leveraging individual marker summary statistics from large biobanks. , 2019, , .		3
42	CD (Cluster of Differentiation). , 2016, , 146-146.		2
49	Computationally efficient, exact, covariate-adjusted genetic principal component analysis by leveraging individual marker summary statistics from large biobanks. Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing, 2020, 25, 719-730.	0.7	2
50	CD47 (Cluster of Differentiation 47). Atlas of Genetics and Cytogenetics in Oncology and Haematology, 2021, 25, 83-102.	0.1	0
52	Smoking modifies the effect of two independent SNPs rs5063 and rs198358 of NPPA on central obesity in the Chinese Han population. Journal of Genetics, 2018, 97, 987-994.	0.7	1
54	An early prediction model for chronic kidney disease. Scientific Reports, 2022, 12, 2765.	3.3	5
55	Whole Exome Sequencing in Healthy Individuals of Extreme Constitution Types Reveals Differential Disease Risk: A Novel Approach towards Predictive Medicine. Journal of Personalized Medicine, 2022, 12, 489.	2.5	3
56	Genetic loci implicated in meta-analysis of body shape in Africans. Nutrition, Metabolism and Cardiovascular Diseases, 2022, , .	2.6	3
57	Nutrition of primary school children: world and Ukrainian realities. Journal of Education, Health and Sport, 2021, 11, 286-294.	0.1	2
58	Spinal health in 40 patients in the initial stage of laboural life. Morfogeometric, biological and environmental study.. Orthopedic Reviews, 2022, 14, 30169.	1.3	0
59	Bilirubin as an indicator of cardiometabolic health: a cross-sectional analysis in the UK Biobank. Cardiovascular Diabetology, 2022, 21, 54.	6.8	10
63	Using population selection and sequencing to characterize natural variation of starvation resistance in <i>Caenorhabditis elegans</i> . ELife, 0, 11, .	6.0	4
64	Inherited basis of visceral, abdominal subcutaneous and gluteofemoral fat depots. Nature Communications, 2022, 13, .	12.8	43
65	Arl15 upregulates the TGF β family signaling by promoting the assembly of the Smad-complex. ELife, 0, 11, .	6.0	7
67	Body shape phenotypes of multiple anthropometric traits and cancer risk: a multi-national cohort study. British Journal of Cancer, 2023, 128, 594-605.	6.4	4
68	Body Shape Phenotypes and Breast Cancer Risk: A Mendelian Randomization Analysis. Cancers, 2023, 15, 1296.	3.7	0
69	Genome-wide analysis of oxylipins and oxylipin profiles in a pediatric population. Frontiers in Nutrition, 0, 10, .	3.7	1
70	Distinct microRNA and protein profiles of extracellular vesicles secreted from myotubes from morbidly obese donors with type 2 diabetes in response to electrical pulse stimulation. Frontiers in Physiology, 0, 14, .	2.8	4

#	ARTICLE	IF	CITATIONS
71	Association Between Visceral Fat Area and Cancer Prognosis: A Population-Based Multicenter Prospective Study. American Journal of Clinical Nutrition, 2023, 118, 507-517.	4.7	2
72	A Review of Anthropometric Measurements for Saudi Adults and Elderly, Directions for Future Work and Recommendations to Establish Saudi Guidelines in Line with the Saudi 2030 Vision. Healthcare (Switzerland), 2023, 11, 1982.	2.0	0