Genetic Susceptibility to Lipid Levels and Lipid Change Over Time and Risk of Incident Hyperlipidemia in Chinese Populations

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#	Paper	IF	Citations
45	Coding-sequence variants are associated with blood lipid levels in 14,473 Chinese. *Human Molecular Genetics*, **2016**, 25, 4107-4116	5.6	11
44	ABCA1 genetic polymorphisms and type 2 diabetes mellitus and its complications. *Meta Gene*, **2017**, 13, 104-114	0.7	8
43	Exome chip meta-analysis identifies novel loci and East Asian-specific coding variants that contribute to lipid levels and coronary artery disease. *Nature Genetics*, **2017**, 49, 1722-1730	36.3	83
42	Mendelian Randomization Analysis Identifies CpG Sites as Putative Mediators for Genetic Influences on Cardiovascular Disease Risk. *American Journal of Human Genetics*, **2017**, 101, 590-602	11	44
41	A large electronic-health-record-based genome-wide study of serum lipids. *Nature Genetics*, **2018**, 50, 401-413	36.3	127
40	Profile of Dr. Dongfeng Gu. *Science China Life Sciences*, **2018**, 61, 501-503	8.5	
39	variants as genetic determinants of adiposity status, visceral adiposity indicators, and triglyceride-glucose (TyG) index-related parameters mediated by serum triglyceride levels. *Diabetology and Metabolic Syndrome*, **2018**, 10, 79	5.6	3
38	A decade in psychiatric GWAS research. *Molecular Psychiatry*, **2019**, 24, 378-389	15.1	40
37	Identifying small-effect genetic associations overlooked by the conventional fixed-effect model in a large-scale meta-analysis of coronary artery disease. *Bioinformatics*, **2020**, 36, 552-557	7.2	
36	Regulation of glucose and lipid metabolism in health and disease. *Science China Life Sciences*, **2019**, 62, 1420-1458	8.5	65
35	Multi-ancestry study of blood lipid levels identifies four loci interacting with physical activity. *Nature Communications*, **2019**, 10, 376	17.4	41
34	Pleiotropic association of LIPC variants with lipid and urinary 8-hydroxy deoxyguanosine levels in a Taiwanese population. *Lipids in Health and Disease*, **2019**, 18, 111	4.4	2
33	TRIB1 and TRPS1 variants, G □G and G □E interactions on serum lipid levels, the risk of coronary heart disease and ischemic stroke. *Scientific Reports*, **2019**, 9, 2376	4.9	13
32	Relationship between ethanol consumption and rs17145738 on LDL-C concentration in Japanese adults: a four season 3-day weighed diet record study. *BMC Nutrition*, **2019**, 5, 61	2.5	0
31	Generalizability and applicability of results obtained from populations of European descent regarding the effect direction and size of HDL-C level-associated genetic variants to the Hungarian general and Roma populations. *Gene*, **2019**, 686, 187-193	3.8	7
30	Causal effects of blood lipids on amyotrophic lateral sclerosis: a Mendelian randomization study. *Human Molecular Genetics*, **2019**, 28, 688-697	5.6	52
29	Conditional GWAS revealing genetic impacts of lifestyle behaviors on low-density lipoprotein (LDL). *Computational Biology and Chemistry*, **2019**, 78, 497-503	3.6	2

28	CoMM: a collaborative mixed model to dissecting genetic contributions to complex traits by leveraging regulatory information. *Bioinformatics*, **2019**, 35, 1644-1652	7.2	17
27	Genome-wide association study of metabolic syndrome in Korean populations. *PLoS ONE*, **2020**, 15, e0227357	3.7	17
26	The Causal Relationship of Circulating Triglyceride and Glycated Hemoglobin: A Mendelian Randomization Study. *Journal of Clinical Endocrinology and Metabolism*, **2020**, 105,	5.6	4
25	DNA methylation of JAK3/STAT5/PPARγ regulated the changes of lipid levels induced by di (2-ethylhexyl) phthalate and high-fat diet in adolescent rats. *Environmental Science and Pollution Research*, **2020**, 27, 30232-30242	5.1	4
24	Association of blood lipid profile with incident chronic kidney disease: A Mendelian randomization study. *Atherosclerosis*, **2020**, 300, 19-25	3.1	12
23	The -514C>T polymorphism in the LIPC gene modifies type 2 diabetes risk through modulation of HDL-cholesterol levels in Mexicans. *Journal of Endocrinological Investigation*, **2021**, 44, 557-565	5.2	2
22	Functional Haplotype of Induces Triglyceride-Mediated Suppression of HDL-C Levels According to Genome-Wide Association Studies. *Genes*, **2021**, 12,	4.2	4
21	Development of genome-wide polygenic risk scores for lipid traits and clinical applications for dyslipidemia, subclinical atherosclerosis, and diabetes cardiovascular complications among East Asians. *Genome Medicine*, **2021**, 13, 29	14.4	3
20	MARS: leveraging allelic heterogeneity to increase power of association testing. *Genome Biology*, **2021**, 22, 128	18.3	1
19	The Genetic Basis of Hypertriglyceridemia. *Current Atherosclerosis Reports*, **2021**, 23, 39	6	6
18	Hepatic lipase (LIPC) sequencing in individuals with extremely high and low high-density lipoprotein cholesterol levels. *PLoS ONE*, **2020**, 15, e0243919	3.7	1
17	Impact of demography and population dynamics on the genetic architecture of human longevity. *Aging*, **2018**, 10, 1947-1963	5.6	13
16	Identification of eight genetic variants as novel determinants of dyslipidemia in Japanese by exome-wide association studies. *Oncotarget*, **2017**, 8, 38950-38961	3.3	4
15	Lipid regulatory genes polymorphism in children with and without obesity and cardiometabolic risk factors: The CASPIAN-III study. *Journal of Research in Medical Sciences*, **2018**, 23, 11	1.6	5
14	Gene-based association study for lipid traits in diverse cohorts implicates and regulation in triglyceride levels. *PeerJ*, **2018**, 6, e4314	3.1	4
13	Causal epigenome-wide association study identifies CpG sites that influence cardiovascular disease risk.		3
12	Causal Effects of Blood Lipids on Amyotrophic Lateral Sclerosis: A Mendelian Randomization Study.		
11	SNPs and Gene-Environment Interactions on Serum Lipid Profiles and the Risk of Ischemic Stroke.. *Frontiers in Cardiovascular Medicine*, **2021**, 8, 685970	5.4	0

10	Association of Protein Function-Altering Variants With Cardiometabolic Traits: The Strong Heart Study. *SSRN Electronic Journal*,	1	
9	High-density lipoprotein, low-density lipoprotein and triglyceride levels and upper gastrointestinal cancers risk: a trans-ancestry Mendelian randomization study.. *European Journal of Clinical Nutrition* , **2022**,	5.2	0
8	Using genetics to assess the association of commonly used antihypertensive drugs with diabetes, glycaemic traits and lipids: a trans-ancestry Mendelian randomisation study.. *Diabetologia*, **2022**, 65, 695	10.3	0
7	Simultaneous test and estimation of total genetic effect in eQTL integrative analysis through mixed models.. *Briefings in Bioinformatics*, **2022**,	13.4	
6	Longitudinal relationships of polycyclic aromatic hydrocarbons exposure and genetic susceptibility with blood lipid profiles.. *Environment International*, **2022**, 164, 107259	12.9	0
5	Association of protein function-altering variants with cardiometabolic traits: the strong heart study. *Scientific Reports*, **2022**, 12,	4.9	
4	Association of NFKB1 gene rs28362491 mutation with the occurrence of major adverse cardiovascular events. *BMC Cardiovascular Disorders*, **2022**, 22,	2.3	1
3	Effect of TRIB1 Variant on Lipid Profile and Coronary Artery Disease: A Systematic Review and Meta-Analysis. **2023**, 2023, 1-9		0
2	Systolic blood pressure as the mediator of the effect of early menarche on the risk of coronary artery disease: A Mendelian randomization study. 9,		0
1	Age and Genetic Risk Score and Rates of Blood Lipid Changes in China. **2023**, 6, e235565		0