

L Adrienne Cupples

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.

642
papers

80,729
citations

138
h-index

266
g-index

679
ext. papers

93,451
ext. citations

9.1
avg, IF

6.84
L-index

#	Paper	IF	Citations
642	Biological, clinical and population relevance of 95 loci for blood lipids. <i>Nature</i> , 2010 , 466, 707-13	50.4	2742
641	Genetic studies of body mass index yield new insights for obesity biology. <i>Nature</i> , 2015 , 518, 197-206	50.4	2687
640	Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. <i>Nature Genetics</i> , 2010 , 42, 937-48	36.3	2267
639	Discovery and refinement of loci associated with lipid levels. <i>Nature Genetics</i> , 2013 , 45, 1274-1283	36.3	1904
638	Abdominal visceral and subcutaneous adipose tissue compartments: association with metabolic risk factors in the Framingham Heart Study. <i>Circulation</i> , 2007 , 116, 39-48	16.7	1902
637	Plasma HDL cholesterol and risk of myocardial infarction: a mendelian randomisation study. <i>Lancet, The</i> , 2012 , 380, 572-80	40	1523
636	Hundreds of variants clustered in genomic loci and biological pathways affect human height. <i>Nature</i> , 2010 , 467, 832-8	50.4	1514
635	Large-scale association analysis identifies 13 new susceptibility loci for coronary artery disease. <i>Nature Genetics</i> , 2011 , 43, 333-8	36.3	1394
634	Effects of age, sex, and ethnicity on the association between apolipoprotein E genotype and Alzheimer disease. A meta-analysis. APOE and Alzheimer Disease Meta Analysis Consortium. <i>JAMA - Journal of the American Medical Association</i> , 1997 , 278, 1349-56	27.4	1357
633	Defining the role of common variation in the genomic and biological architecture of adult human height. <i>Nature Genetics</i> , 2014 , 46, 1173-86	36.3	1339
632	A comprehensive 1,000 Genomes-based genome-wide association meta-analysis of coronary artery disease. <i>Nature Genetics</i> , 2015 , 47, 1121-1130	36.3	1290
631	Common variants at 30 loci contribute to polygenic dyslipidemia. <i>Nature Genetics</i> , 2009 , 41, 56-65	36.3	1095
630	Heart rate and cardiovascular mortality: the Framingham Study. <i>American Heart Journal</i> , 1987 , 113, 1489-94	4.9	1004
629	New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , 2015 , 518, 187-196	50.4	920
628	Genetic meta-analysis of diagnosed Alzheimer disease identifies new risk loci and implicates A β , tau, immunity and lipid processing. <i>Nature Genetics</i> , 2019 , 51, 414-430	36.3	917
627	The neuronal sortilin-related receptor SORL1 is genetically associated with Alzheimer disease. <i>Nature Genetics</i> , 2007 , 39, 168-77	36.3	888
626	Genome-wide meta-analysis identifies 56 bone mineral density loci and reveals 14 loci associated with risk of fracture. <i>Nature Genetics</i> , 2012 , 44, 491-501	36.3	866

625	Meta-analysis identifies 13 new loci associated with waist-hip ratio and reveals sexual dimorphism in the genetic basis of fat distribution. <i>Nature Genetics</i> , 2010 , 42, 949-60	36.3	724
624	Loss-of-function mutations in APOC3, triglycerides, and coronary disease. <i>New England Journal of Medicine</i> , 2014 , 371, 22-31	59.2	721
623	Genotype score in addition to common risk factors for prediction of type 2 diabetes. <i>New England Journal of Medicine</i> , 2008 , 359, 2208-19	59.2	608
622	The Third Generation Cohort of the National Heart, Lung, and Blood Institute's Framingham Heart Study: design, recruitment, and initial examination. <i>American Journal of Epidemiology</i> , 2007 , 165, 1328-35	33.8	605
621	Relation of pooled logistic regression to time dependent Cox regression analysis: the Framingham Heart Study. <i>Statistics in Medicine</i> , 1990 , 9, 1501-15	2.3	605
620	Common variants associated with plasma triglycerides and risk for coronary artery disease. <i>Nature Genetics</i> , 2013 , 45, 1345-52	36.3	597
619	Variants in MTNR1B influence fasting glucose levels. <i>Nature Genetics</i> , 2009 , 41, 77-81	36.3	584
618	Twenty bone-mineral-density loci identified by large-scale meta-analysis of genome-wide association studies. <i>Nature Genetics</i> , 2009 , 41, 1199-206	36.3	566
617	Genetic associations with valvular calcification and aortic stenosis. <i>New England Journal of Medicine</i> , 2013 , 368, 503-12	59.2	556
616	Potassium, magnesium, and fruit and vegetable intakes are associated with greater bone mineral density in elderly men and women. <i>American Journal of Clinical Nutrition</i> , 1999 , 69, 727-36	7	510
615	Rare coding variants in PLCG2, ABI3, and TREM2 implicate microglial-mediated innate immunity in Alzheimer's disease. <i>Nature Genetics</i> , 2017 , 49, 1373-1384	36.3	508
614	Risk factors for longitudinal bone loss in elderly men and women: the Framingham Osteoporosis Study. <i>Journal of Bone and Mineral Research</i> , 2000 , 15, 710-20	6.3	497
613	Evidence for a gene influencing blood pressure on chromosome 17. Genome scan linkage results for longitudinal blood pressure phenotypes in subjects from the framingham heart study. <i>Hypertension</i> , 2000 , 36, 477-83	8.5	483
612	Homocysteine as a predictive factor for hip fracture in older persons. <i>New England Journal of Medicine</i> , 2004 , 350, 2042-9	59.2	482
611	Abdominal aortic calcific deposits are an important predictor of vascular morbidity and mortality. <i>Circulation</i> , 2001 , 103, 1529-34	16.7	465
610	Exome sequencing identifies rare LDLR and APOA5 alleles conferring risk for myocardial infarction. <i>Nature</i> , 2015 , 518, 102-6	50.4	463
609	Diagnostic Yield and Clinical Utility of Sequencing Familial Hypercholesterolemia Genes in Patients With Severe Hypercholesterolemia. <i>Journal of the American College of Cardiology</i> , 2016 , 67, 2578-89	15.1	458
608	Genome-wide meta-analysis identifies 11 new loci for anthropometric traits and provides insights into genetic architecture. <i>Nature Genetics</i> , 2013 , 45, 501-12	36.3	437

607	Parental transmission of type 2 diabetes: the Framingham Offspring Study. <i>Diabetes</i> , 2000 , 49, 2201-7	0.9	424
606	Disclosure of APOE genotype for risk of Alzheimer's disease. <i>New England Journal of Medicine</i> , 2009 , 361, 245-54	59.2	418
605	Depression as a risk factor for Alzheimer disease: the MIRAGE Study. <i>Archives of Neurology</i> , 2003 , 60, 753-9		407
604	Association between alcohol and cardiovascular disease: Mendelian randomisation analysis based on individual participant data. <i>BMJ, The</i> , 2014 , 349, g4164	5.9	406
603	Insulin resistance, oxidative stress, hypertension, and leukocyte telomere length in men from the Framingham Heart Study. <i>Aging Cell</i> , 2006 , 5, 325-30	9.9	405
602	Regional obesity and risk of cardiovascular disease; the Framingham Study. <i>Journal of Clinical Epidemiology</i> , 1991 , 44, 183-90	5.7	398
601	New indices to classify location, severity and progression of calcific lesions in the abdominal aorta: a 25-year follow-up study. <i>Atherosclerosis</i> , 1997 , 132, 245-50	3.1	394
600	Effect of dietary protein on bone loss in elderly men and women: the Framingham Osteoporosis Study. <i>Journal of Bone and Mineral Research</i> , 2000 , 15, 2504-12	6.3	374
599	Bone loss and the progression of abdominal aortic calcification over a 25 year period: the Framingham Heart Study. <i>Calcified Tissue International</i> , 2001 , 68, 271-6	3.9	372
598	Head injury and the risk of AD in the MIRAGE study. <i>Neurology</i> , 2000 , 54, 1316-23	6.5	364
597	Association of cholesteryl ester transfer protein-TaqIB polymorphism with variations in lipoprotein subclasses and coronary heart disease risk: the Framingham study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2000 , 20, 1323-9	9.4	350
596	Meta-analysis confirms CR1, CLU, and PICALM as alzheimer disease risk loci and reveals interactions with APOE genotypes. <i>Archives of Neurology</i> , 2010 , 67, 1473-84		330
595	Exome-wide association study of plasma lipids in >300,000 individuals. <i>Nature Genetics</i> , 2017 , 49, 1758-1766	36.6	310
594	Whole-genome sequencing identifies EN1 as a determinant of bone density and fracture. <i>Nature</i> , 2015 , 526, 112-7	50.4	308
593	FTO genotype is associated with phenotypic variability of body mass index. <i>Nature</i> , 2012 , 490, 267-72	50.4	304
592	NIDDM and blood pressure as risk factors for poor cognitive performance. The Framingham Study. <i>Diabetes Care</i> , 1997 , 20, 1388-95	14.6	303
591	Dietary vitamin K intakes are associated with hip fracture but not with bone mineral density in elderly men and women. <i>American Journal of Clinical Nutrition</i> , 2000 , 71, 1201-8	7	296
590	Multiple loci influence erythrocyte phenotypes in the CHARGE Consortium. <i>Nature Genetics</i> , 2009 , 41, 1191-8	36.3	285

589	Sex-stratified genome-wide association studies including 270,000 individuals show sexual dimorphism in genetic loci for anthropometric traits. <i>PLoS Genetics</i> , 2013 , 9, e1003500	6	277
588	Sequencing of 53,831 diverse genomes from the NHLBI TOPMed Program. <i>Nature</i> , 2021 , 590, 290-299	50.4	268
587	Cardiac failure and sudden death in the Framingham Study. <i>American Heart Journal</i> , 1988 , 115, 869-75	4.9	265
586	Forty-three loci associated with plasma lipoprotein size, concentration, and cholesterol content in genome-wide analysis. <i>PLoS Genetics</i> , 2009 , 5, e1000730	6	265
585	Parental history is an independent risk factor for coronary artery disease: the Framingham Study. <i>American Heart Journal</i> , 1990 , 120, 963-9	4.9	259
584	A genome-wide association study for blood lipid phenotypes in the Framingham Heart Study. <i>BMC Medical Genetics</i> , 2007 , 8 Suppl 1, S17	2.1	257
583	Bone mass and the risk of breast cancer among postmenopausal women. <i>New England Journal of Medicine</i> , 1997 , 336, 611-7	59.2	255
582	Risk of dementia among white and African American relatives of patients with Alzheimer disease. <i>JAMA - Journal of the American Medical Association</i> , 2002 , 287, 329-36	27.4	255
581	Television viewing and change in body fat from preschool to early adolescence: The Framingham Children's Study. <i>International Journal of Obesity</i> , 2003 , 27, 827-33	5.5	254
580	A randomized trial of treatment options for alcohol-abusing workers. <i>New England Journal of Medicine</i> , 1991 , 325, 775-82	59.2	251
579	Association between the UGT1A1*28 allele, bilirubin levels, and coronary heart disease in the Framingham Heart Study. <i>Circulation</i> , 2006 , 114, 1476-81	16.7	250
578	Common variants in 22 loci are associated with QRS duration and cardiac ventricular conduction. <i>Nature Genetics</i> , 2010 , 42, 1068-76	36.3	249
577	Cardiorespiratory events recorded on home monitors: Comparison of healthy infants with those at increased risk for SIDS. <i>JAMA - Journal of the American Medical Association</i> , 2001 , 285, 2199-207	27.4	246
576	The landscape of recombination in African Americans. <i>Nature</i> , 2011 , 476, 170-5	50.4	243
575	High-density lipoprotein subpopulation profile and coronary heart disease prevalence in male participants of the Framingham Offspring Study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004 , 24, 2181-7	9.4	241
574	Dietary silicon intake is positively associated with bone mineral density in men and premenopausal women of the Framingham Offspring cohort. <i>Journal of Bone and Mineral Research</i> , 2004 , 19, 297-307	6.3	241
573	Genetic variation near IRS1 associates with reduced adiposity and an impaired metabolic profile. <i>Nature Genetics</i> , 2011 , 43, 753-60	36.3	237
572	Association of low-frequency and rare coding-sequence variants with blood lipids and coronary heart disease in 56,000 whites and blacks. <i>American Journal of Human Genetics</i> , 2014 , 94, 223-32	11	233

571	Does early physical activity predict body fat change throughout childhood?. <i>Preventive Medicine</i> , 2003 , 37, 10-7	4.3	233
570	Value of high-density lipoprotein (HDL) subpopulations in predicting recurrent cardiovascular events in the Veterans Affairs HDL Intervention Trial. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005 , 25, 2185-91	9.4	233
569	Risk of dementia among relatives of Alzheimer's disease patients in the MIRAGE study: What is in store for the oldest old?. <i>Neurology</i> , 1996 , 46, 641-50	6.5	228
568	Elevated plasma lipoprotein(a) and coronary heart disease in men aged 55 years and younger. A prospective study. <i>JAMA - Journal of the American Medical Association</i> , 1996 , 276, 544-8	27.4	228
567	Remnant-like particle (RLP) cholesterol is an independent cardiovascular disease risk factor in women: results from the Framingham Heart Study. <i>Atherosclerosis</i> , 2001 , 154, 229-36	3.1	224
566	Apolipoprotein E genotype and cardiovascular disease in the Framingham Heart Study. <i>Atherosclerosis</i> , 2001 , 154, 529-37	3.1	223
565	Bone mineral density and dietary patterns in older adults: the Framingham Osteoporosis Study. <i>American Journal of Clinical Nutrition</i> , 2002 , 76, 245-52	7	221
564	The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study. <i>PLoS Genetics</i> , 2015 , 11, e1005378	6	220
563	Weight loss in early stage of Huntington's disease. <i>Neurology</i> , 2002 , 59, 1325-30	6.5	219
562	Collaborative meta-analysis: associations of 150 candidate genes with osteoporosis and osteoporotic fracture. <i>Annals of Internal Medicine</i> , 2009 , 151, 528-37	8	215
561	Comparison of baseline and repeated measure covariate techniques in the Framingham Heart Study. <i>Statistics in Medicine</i> , 1988 , 7, 205-22	2.3	214
560	Genome-wide association study for coronary artery calcification with follow-up in myocardial infarction. <i>Circulation</i> , 2011 , 124, 2855-64	16.7	213
559	Sex and age differences in lipoprotein subclasses measured by nuclear magnetic resonance spectroscopy: the Framingham Study. <i>Clinical Chemistry</i> , 2004 , 50, 1189-200	5.5	213
558	Total serum bilirubin and risk of cardiovascular disease in the Framingham offspring study. <i>American Journal of Cardiology</i> , 2001 , 87, 1196-200; A4, 7	3	210
557	Genetic assessment of age-associated Alzheimer disease risk: Development and validation of a polygenic hazard score. <i>PLoS Medicine</i> , 2017 , 14, e1002258	11.6	209
556	A prospective investigation of elevated lipoprotein (a) detected by electrophoresis and cardiovascular disease in women. The Framingham Heart Study. <i>Circulation</i> , 1994 , 90, 1688-95	16.7	206
555	NRXN3 is a novel locus for waist circumference: a genome-wide association study from the CHARGE Consortium. <i>PLoS Genetics</i> , 2009 , 5, e1000539	6	203
554	Best practices and joint calling of the HumanExome BeadChip: the CHARGE Consortium. <i>PLoS ONE</i> , 2013 , 8, e68095	3.7	203

553	Genome-wide association for abdominal subcutaneous and visceral adipose reveals a novel locus for visceral fat in women. <i>PLoS Genetics</i> , 2012 , 8, e1002695	6	199
552	Association between estrogen receptor alpha gene variation and cardiovascular disease. <i>JAMA - Journal of the American Medical Association</i> , 2003 , 290, 2263-70	27.4	197
551	Chemokine receptor mutant CX3CR1-M280 has impaired adhesive function and correlates with protection from cardiovascular disease in humans. <i>Journal of Clinical Investigation</i> , 2003 , 111, 1241-50	15.9	195
550	Clinical and neuropathologic assessment of severity in Huntington's disease. <i>Neurology</i> , 1988 , 38, 341-7	6.5	194
549	Blood pressure as a risk factor for cardiovascular disease. The Framingham Study--30 years of follow-up. <i>Hypertension</i> , 1989 , 13, 113-8	8.5	192
548	Large-scale gene-centric meta-analysis across 32 studies identifies multiple lipid loci. <i>American Journal of Human Genetics</i> , 2012 , 91, 823-38	11	189
547	A comprehensive genetic association study of Alzheimer disease in African Americans. <i>Archives of Neurology</i> , 2011 , 68, 1569-79		187
546	Familial aggregation of stroke. The Framingham Study. <i>Stroke</i> , 1993 , 24, 1366-71	6.7	187
545	New loci for body fat percentage reveal link between adiposity and cardiometabolic disease risk. <i>Nature Communications</i> , 2016 , 7, 10495	17.4	180
544	Health behavior changes after genetic risk assessment for Alzheimer disease: The REVEAL Study. <i>Alzheimer Disease and Associated Disorders</i> , 2008 , 22, 94-7	2.5	179
543	Preschool physical activity level and change in body fatness in young children. The Framingham Children's Study. <i>American Journal of Epidemiology</i> , 1995 , 142, 982-8	3.8	179
542	Genome-wide association meta-analysis for total serum bilirubin levels. <i>Human Molecular Genetics</i> , 2009 , 18, 2700-10	5.6	177
541	CCL2 polymorphisms are associated with serum monocyte chemoattractant protein-1 levels and myocardial infarction in the Framingham Heart Study. <i>Circulation</i> , 2005 , 112, 1113-20	16.7	177
540	Vitamin K intake and bone mineral density in women and men. <i>American Journal of Clinical Nutrition</i> , 2003 , 77, 512-6	7	176
539	Genome-wide association study in 79,366 European-ancestry individuals informs the genetic architecture of 25-hydroxyvitamin D levels. <i>Nature Communications</i> , 2018 , 9, 260	17.4	174
538	Factors associated with slow progression in Huntington's disease. <i>Archives of Neurology</i> , 1991 , 48, 800-4		174
537	Decreased neuronal and increased oligodendroglial densities in Huntington's disease caudate nucleus. <i>Journal of Neuropathology and Experimental Neurology</i> , 1991 , 50, 729-42	3.1	172
536	Whole-exome sequencing identifies rare and low-frequency coding variants associated with LDL cholesterol. <i>American Journal of Human Genetics</i> , 2014 , 94, 233-45	11	170

535	CUBN is a gene locus for albuminuria. <i>Journal of the American Society of Nephrology: JASN</i> , 2011 , 22, 555-707	17.0	170
534	Increased rate of suicide among patients with Huntington's disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 1984 , 47, 1283-7	5.5	169
533	Meta-analysis of genome-wide association studies from the CHARGE consortium identifies common variants associated with carotid intima media thickness and plaque. <i>Nature Genetics</i> , 2011 , 43, 940-7	36.3	168
532	Functional variant of CYP4A11 20-hydroxyeicosatetraenoic acid synthase is associated with essential hypertension. <i>Circulation</i> , 2005 , 111, 63-9	16.7	168
531	Genome-wide meta-analysis identifies six novel loci associated with habitual coffee consumption. <i>Molecular Psychiatry</i> , 2015 , 20, 647-656	15.1	167
530	Postmenopausal hormone therapy and Alzheimer's disease risk: interaction with age. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2005 , 76, 103-5	5.5	165
529	An integration of genome-wide association study and gene expression profiling to prioritize the discovery of novel susceptibility Loci for osteoporosis-related traits. <i>PLoS Genetics</i> , 2010 , 6, e1000977	6	163
528	Colas, but not other carbonated beverages, are associated with low bone mineral density in older women: The Framingham Osteoporosis Study. <i>American Journal of Clinical Nutrition</i> , 2006 , 84, 936-42	7	163
527	A genetic risk score is associated with incident cardiovascular disease and coronary artery calcium: the Framingham Heart Study. <i>Circulation: Cardiovascular Genetics</i> , 2012 , 5, 113-21		162
526	Genome-wide meta-analysis of observational studies shows common genetic variants associated with macronutrient intake. <i>American Journal of Clinical Nutrition</i> , 2013 , 97, 1395-402	7	161
525	Dietary fat intake determines the effect of a common polymorphism in the hepatic lipase gene promoter on high-density lipoprotein metabolism: evidence of a strong dose effect in this gene-nutrient interaction in the Framingham Study. <i>Circulation</i> , 2002 , 106, 2315-21	16.7	161
524	Pharmacogenetic meta-analysis of genome-wide association studies of LDL cholesterol response to statins. <i>Nature Communications</i> , 2014 , 5, 5068	17.4	160
523	A genome-wide scan for loci linked to plasma levels of glucose and HbA(1c) in a community-based sample of Caucasian pedigrees: The Framingham Offspring Study. <i>Diabetes</i> , 2002 , 51, 833-40	0.9	160
522	Validation and comparison of two frailty indexes: The MOBILIZE Boston Study. <i>Journal of the American Geriatrics Society</i> , 2009 , 57, 1532-9	5.6	159
521	Physical activity and stroke risk: the Framingham Study. <i>American Journal of Epidemiology</i> , 1994 , 140, 608-20	3.8	159
520	Polyunsaturated fatty acids modulate the effects of the APOA1 G-A polymorphism on HDL-cholesterol concentrations in a sex-specific manner: the Framingham Study. <i>American Journal of Clinical Nutrition</i> , 2002 , 75, 38-46	7	157
519	Association of JAG1 with bone mineral density and osteoporotic fractures: a genome-wide association study and follow-up replication studies. <i>American Journal of Human Genetics</i> , 2010 , 86, 229-39	11	156
518	The Framingham Heart Study 100K SNP genome-wide association study resource: overview of 17 phenotype working group reports. <i>BMC Medical Genetics</i> , 2007 , 8 Suppl 1, S1	2.1	152

517	Heritability of age at natural menopause in the Framingham Heart Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005 , 90, 3427-30	5.6	152
516	Serum albumin and risk of myocardial infarction and all-cause mortality in the Framingham Offspring Study. <i>Circulation</i> , 2002 , 106, 2919-24	16.7	151
515	Low-frequency and rare exome chip variants associate with fasting glucose and type 2 diabetes susceptibility. <i>Nature Communications</i> , 2015 , 6, 5897	17.4	147
514	Association of genome-wide variation with the risk of incident heart failure in adults of European and African ancestry: a prospective meta-analysis from the cohorts for heart and aging research in genomic epidemiology (CHARGE) consortium. <i>Circulation: Cardiovascular Genetics</i> , 2010 , 3, 256-66		147
513	Genetic risk reclassification for type 2 diabetes by age below or above 50 years using 40 type 2 diabetes risk single nucleotide polymorphisms. <i>Diabetes Care</i> , 2011 , 34, 121-5	14.6	145
512	Loss-of-function variants in endothelial lipase are a cause of elevated HDL cholesterol in humans. <i>Journal of Clinical Investigation</i> , 2009 , 119, 1042-50	15.9	144
511	Second hip fracture in older men and women: the Framingham Study. <i>Archives of Internal Medicine</i> , 2007 , 167, 1971-6		142
510	Genomewide linkage analysis to serum creatinine, GFR, and creatinine clearance in a community-based population: the Framingham Heart Study. <i>Journal of the American Society of Nephrology: JASN</i> , 2004 , 15, 2457-61	12.7	141
509	Quantitative neuropathological changes in presymptomatic Huntington's disease. <i>Annals of Neurology</i> , 2001 , 49, 29-34	9.4	141
508	Framingham Heart Study 100K project: genome-wide associations for cardiovascular disease outcomes. <i>BMC Medical Genetics</i> , 2007 , 8 Suppl 1, S5	2.1	139
507	High-normal blood pressure progression to hypertension in the Framingham Heart Study. <i>Hypertension</i> , 1991 , 17, 22-7	8.5	139
506	The relative importance of selected risk factors for various manifestations of cardiovascular disease among men and women from 35 to 64 years old: 30 years of follow-up in the Framingham Study. <i>Circulation</i> , 1987 , 75, V65-73	16.7	139
505	Influence of the APOA5 locus on plasma triglyceride, lipoprotein subclasses, and CVD risk in the Framingham Heart Study. <i>Journal of Lipid Research</i> , 2004 , 45, 2096-105	6.3	138
504	Absence of duplication of chromosome 21 genes in familial and sporadic Alzheimer's disease. <i>Science</i> , 1987 , 238, 664-6	33.3	136
503	Design of the Coronary ARtery Disease Genome-Wide Replication And Meta-Analysis (CARDIoGRAM) Study: A Genome-wide association meta-analysis involving more than 22 000 cases and 60 000 controls. <i>Circulation: Cardiovascular Genetics</i> , 2010 , 3, 475-83		135
502	Genomewide linkage analysis of body mass index across 28 years of the Framingham Heart Study. <i>American Journal of Human Genetics</i> , 2002 , 71, 1044-50	11	135
501	Coronary risk associated with age and sex of parental heart disease in the Framingham Study. <i>American Journal of Cardiology</i> , 1989 , 64, 555-9	3	135
500	Association of low-density lipoprotein cholesterol-related genetic variants with aortic valve calcium and incident aortic stenosis. <i>JAMA - Journal of the American Medical Association</i> , 2014 , 312, 1764-71	27.4	134

499	A genome scan for modifiers of age at onset in Huntington disease: The HD MAPS study. <i>American Journal of Human Genetics</i> , 2003 , 73, 682-7	11	131
498	Metabolic risk factors worsen continuously across the spectrum of nondiabetic glucose tolerance. The Framingham Offspring Study. <i>Annals of Internal Medicine</i> , 1998 , 128, 524-33	8	131
497	Common variants in the adiponectin gene (ADIPOQ) associated with plasma adiponectin levels, type 2 diabetes, and diabetes-related quantitative traits: the Framingham Offspring Study. <i>Diabetes</i> , 2008 , 57, 3353-9	0.9	129
496	Estimating risk curves for first-degree relatives of patients with Alzheimer's disease: the REVEAL study. <i>Genetics in Medicine</i> , 2004 , 6, 192-6	8.1	129
495	Genome-wide association to body mass index and waist circumference: the Framingham Heart Study 100K project. <i>BMC Medical Genetics</i> , 2007 , 8 Suppl 1, S18	2.1	128
494	Meta-analysis of genome-wide scans provides evidence for sex- and site-specific regulation of bone mass. <i>Journal of Bone and Mineral Research</i> , 2007 , 22, 173-183	6.3	128
493	Inherited causes of clonal haematopoiesis in 97,691 whole genomes. <i>Nature</i> , 2020 , 586, 763-768	50.4	127
492	Leukocyte telomere length and carotid artery intimal medial thickness: the Framingham Heart Study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008 , 28, 1165-71	9.4	126
491	Candidate gene association resource (CARE): design, methods, and proof of concept. <i>Circulation: Cardiovascular Genetics</i> , 2010 , 3, 267-75		125
490	Intake of fruits, vegetables, and dairy products in early childhood and subsequent blood pressure change. <i>Epidemiology</i> , 2005 , 16, 4-11	3.1	124
489	Assessment of genetic risk for Alzheimer's disease among first-degree relatives. <i>Annals of Neurology</i> , 1989 , 25, 485-93	9.4	124
488	Associations between vitamin K biochemical measures and bone mineral density in men and women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004 , 89, 4904-9	5.6	122
487	Meta-analysis of gene-environment interaction: joint estimation of SNP and SNP \times environment regression coefficients. <i>Genetic Epidemiology</i> , 2011 , 35, 11-8	2.6	121
486	FTO genetic variants, dietary intake and body mass index: insights from 177,330 individuals. <i>Human Molecular Genetics</i> , 2014 , 23, 6961-72	5.6	120
485	Directional dominance on stature and cognition in diverse human populations. <i>Nature</i> , 2015 , 523, 459-463	50.4	119
484	Effects of beer, wine, and liquor intakes on bone mineral density in older men and women. <i>American Journal of Clinical Nutrition</i> , 2009 , 89, 1188-96	7	119
483	Genetic risk assessment for adult children of people with Alzheimer's disease: the Risk Evaluation and Education for Alzheimer's Disease (REVEAL) study. <i>Journal of Geriatric Psychiatry and Neurology</i> , 2005 , 18, 250-5	3.8	119
482	APOA2, dietary fat, and body mass index: replication of a gene-diet interaction in 3 independent populations. <i>Archives of Internal Medicine</i> , 2009 , 169, 1897-906		118

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16	Searching for parent-of-origin effects on cardiometabolic traits in imprinted genomic regions. <i>European Journal of Human Genetics</i> , 2020 , 28, 646-655	5.3	1
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12	Identification of novel and rare variants associated with handgrip strength using whole genome sequence data from the NHLBI Trans-Omics in Precision Medicine (TOPMed) Program. <i>PLoS ONE</i> , 2021 , 16, e0253611	3.7	1
11	Sociodemographic Patterns of Exposure to Civil Aircraft Noise in the United States.. <i>Environmental Health Perspectives</i> , 2022 , 130, 27009	8.4	1
10	Exome sequence association study of levels and longitudinal change of cardiovascular risk factor phenotypes in European Americans and African Americans from the Atherosclerosis Risk in Communities Study. <i>Genetic Epidemiology</i> , 2021 , 45, 651-663	2.6	0
9	Presence and transmission of mitochondrial heteroplasmic mutations in human populations of European and African ancestry. <i>Mitochondrion</i> , 2021 , 60, 33-42	4.9	0
8	Meta-analysis of genome-wide association studies identifies ancestry-specific associations underlying circulating total tau levels.. <i>Communications Biology</i> , 2022 , 5, 336	6.7	0
7	Lymphocyte activation gene-3-associated protein networks are associated with HDL-cholesterol and mortality in the Trans-omics for Precision Medicine program.. <i>Communications Biology</i> , 2022 , 5, 362	6.7	0
6	Performance of statistical methods on CHARGE targeted sequencing data. <i>BMC Genetics</i> , 2014 , 15, 104	2.6	
5	Positive association of total protein intake and bone mineral density (BMD) in women from the Framingham Offspring Study. <i>FASEB Journal</i> , 2010 , 24, lb285	0.9	
4	Variant-specific inflation factors for assessing population stratification at the phenotypic variance level. <i>Nature Communications</i> , 2021 , 12, 3506	17.4	
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2	Lifestyle Risk Score: handling missingness of individual lifestyle components in meta-analysis of gene-by-lifestyle interactions. <i>European Journal of Human Genetics</i> , 2021 , 29, 839-850	5.3	
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