

Donna K Arnett

List of Publications by Year in Descending Order

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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.

491 papers	45,622 citations	83 h-index	205 g-index
529 ext. papers	54,055 ext. citations	7.3 avg, IF	6.7 L-index

#	Paper	IF	Citations
491	Genetic determinants of telomere length from 109,122 ancestrally diverse whole-genome sequences in TOPMed.. <i>Cell Genomics</i> , 2022 , 2, 100084-100084		1
490	Rare coding variants in RCN3 are associated with blood pressure.. <i>BMC Genomics</i> , 2022 , 23, 148	4.5	
489	Assessing the contribution of rare variants to complex trait heritability from whole-genome sequence data.. <i>Nature Genetics</i> , 2022 ,	36.3	6
488	Preliminary Research on a COVID-19 Test Strategy to Guide Quarantine Interval in University Students. <i>Covid</i> , 2022 , 2, 254-260		
487	An Amish founder population reveals rare-population genetic determinants of the human lipidome.. <i>Communications Biology</i> , 2022 , 5, 334	6.7	0
486	Dietary patterns associated with Stroke among West Africans: a case-control study.. <i>International Journal of Stroke</i> , 2022 , 17474930221094933	6.3	1
485	Mendelian randomization supports bidirectional causality between telomere length and clonal hematopoiesis of indeterminate potential.. <i>Science Advances</i> , 2022 , 8, eabl6579	14.3	3
484	The Value of Rare Genetic Variation in the Prediction of Common Obesity in European Ancestry Populations.. <i>Frontiers in Endocrinology</i> , 2022 , 13, 863893	5.7	
483	Gene-educational attainment interactions in a multi-ancestry genome-wide meta-analysis identify novel blood pressure loci. <i>Molecular Psychiatry</i> , 2021 , 26, 2111-2125	15.1	3
482	Proximal and distal effects of genetic susceptibility to multiple sclerosis on the T cell epigenome. <i>Nature Communications</i> , 2021 , 12, 7078	17.4	3
481	The power of genetic diversity in genome-wide association studies of lipids. <i>Nature</i> , 2021 ,	50.4	24
480	A 6-CpG validated methylation risk score model for metabolic syndrome: The HyperGEN and GOLDN studies. <i>PLoS ONE</i> , 2021 , 16, e0259836	3.7	0
479	Genetic correlations between traits associated with hyperuricemia, gout, and comorbidities. <i>European Journal of Human Genetics</i> , 2021 , 29, 1438-1445	5.3	2
478	Epigenome-wide association study identifies DNA methylation sites associated with target organ damage in older African Americans. <i>Epigenetics</i> , 2021 , 16, 862-875	5.7	6
477	Donor-specific phenotypic variation in hiPSC cardiomyocyte-derived exosomes impacts endothelial cell function. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021 , 320, H954-H968	5.2	4
476	DNA Methylation and Blood Pressure Phenotypes: A Review of the Literature. <i>American Journal of Hypertension</i> , 2021 , 34, 267-273	2.3	3
475	Epigenome-wide association study of kidney function identifies trans-ethnic and ethnic-specific loci. <i>Genome Medicine</i> , 2021 , 13, 74	14.4	3

474	Discovery and fine-mapping of height loci via high-density imputation of GWASs in individuals of African ancestry. <i>American Journal of Human Genetics</i> , 2021 , 108, 564-582	11	7
473	Chromosome Xq23 is associated with lower atherogenic lipid concentrations and favorable cardiometabolic indices. <i>Nature Communications</i> , 2021 , 12, 2182	17.4	5
472	Age and sex are associated with the plasma lipidome: findings from the GOLDN study. <i>Lipids in Health and Disease</i> , 2021 , 20, 30	4.4	6
471	A System for Phenotype Harmonization in the National Heart, Lung, and Blood Institute Trans-Omics for Precision Medicine (TOPMed) Program. <i>American Journal of Epidemiology</i> , 2021 , 190, 1977-1992	3.8	3
470	Genome-wide association studies identify 137 genetic loci for DNA methylation biomarkers of aging. <i>Genome Biology</i> , 2021 , 22, 194	18.3	14
469	A multi-ethnic epigenome-wide association study of leukocyte DNA methylation and blood lipids. <i>Nature Communications</i> , 2021 , 12, 3987	17.4	3
468	Association of high-sensitivity C-reactive protein and odds of breast cancer by molecular subtype: analysis of the MEND study. <i>Oncotarget</i> , 2021 , 12, 1230-1242	3.3	1
467	Widespread diabetes screening for cardiovascular disease risk estimation. <i>Lancet, The</i> , 2021 , 397, 2228-2230	4.3	1
466	Whole genome sequence analyses of eGFR in 23,732 people representing multiple ancestries in the NHLBI trans-omics for precision medicine (TOPMed) consortium. <i>EBioMedicine</i> , 2021 , 63, 103157	8.8	3
465	Genome-wide association study of circulating interleukin 6 levels identifies novel loci. <i>Human Molecular Genetics</i> , 2021 , 30, 393-409	5.6	6
464	Bending the Curve in Cardiovascular Disease Mortality: Bethesda + 40 and Beyond. <i>Circulation</i> , 2021 , 143, 837-851	16.7	5
463	Whole-Exome Sequencing and hiPSC Cardiomyocyte Models Identify , , and of Potential Importance to Left Ventricular Hypertrophy in an African Ancestry Population. <i>Frontiers in Genetics</i> , 2021 , 12, 588452	4.5	1
462	Sequencing of 53,831 diverse genomes from the NHLBI TOPMed Program. <i>Nature</i> , 2021 , 590, 290-299	50.4	268
461	Association of Life-Course Educational Attainment and Breast Cancer Grade in the MEND Study. <i>Annals of Global Health</i> , 2021 , 87, 59	3.3	0
460	Tree nut consumption and prevalence of carotid artery plaques: The National Heart, Lung, and Blood Institute Family Heart Study. <i>European Journal of Nutrition</i> , 2021 , 1	5.2	1
459	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
458	Adverse Cardiovascular Outcomes and Antihypertensive Treatment: A Genome-Wide Interaction Meta-Analysis in the International Consortium for Antihypertensive Pharmacogenomics Studies. <i>Clinical Pharmacology and Therapeutics</i> , 2021 , 110, 723-732	6.1	2
457	Population sequencing data reveal a compendium of mutational processes in the human germ line. <i>Science</i> , 2021 , 373, 1030-1035	33.3	7

456	Risk Factor Characterization of Ischemic Stroke Subtypes Among West Africans. <i>Stroke</i> , 2021 , STROKEAHA120032072	4.1	3
455	Influence of age on links between major modifiable risk factors and stroke occurrence in West Africa. <i>Journal of the Neurological Sciences</i> , 2021 , 428, 117573	3.2	3
454	Lipid Phenotypes and DNA Methylation: a Review of the Literature. <i>Current Atherosclerosis Reports</i> , 2021 , 23, 71	6	3
453	A Novel Afrocentric Stroke Risk Assessment Score: Models from the Siren Study. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021 , 30, 106003	2.8	0
452	Association of Sickle Cell Trait With Incidence of Coronary Heart Disease Among African American Individuals. <i>JAMA Network Open</i> , 2021 , 4, e2030435	10.4	3
451	Genetic Contributors of Incident Stroke in 10,700 African Americans With Hypertension: A Meta-Analysis From the Genetics of Hypertension Associated Treatments and Reasons for Geographic and Racial Differences in Stroke Studies.. <i>Frontiers in Genetics</i> , 2021 , 12, 781451	4.5	
450	Whole genome sequence association analyses of brain volumes in the TOPMed program. <i>Alzheimer's and Dementia</i> , 2020 , 16, e040627	1.2	
449	Mendelian randomization analysis does not support causal associations of birth weight with hypertension risk and blood pressure in adulthood. <i>European Journal of Epidemiology</i> , 2020 , 35, 685-697	12.1	2
448	Smoking-by-genotype interaction in type 2 diabetes risk and fasting glucose. <i>PLoS ONE</i> , 2020 , 15, e0230815	3.5	4
447	A lipidome-wide association study of the lipoprotein insulin resistance index. <i>Lipids in Health and Disease</i> , 2020 , 19, 153	4.4	2
446	Report of the National Heart, Lung, and Blood Institute Working Group on Hypertension: Barriers to Translation. <i>Hypertension</i> , 2020 , 75, 902-917	8.5	17
445	Salivary AMY1 Copy Number Variation Modifies Age-Related Type 2 Diabetes Risk. <i>Clinical Chemistry</i> , 2020 , 66, 718-726	5.5	1
444	Unraveling the risk factors for spontaneous intracerebral hemorrhage among West Africans. <i>Neurology</i> , 2020 , 94, e998-e1012	6.5	16
443	Inherited causes of clonal haematopoiesis in 97,691 whole genomes. <i>Nature</i> , 2020 , 586, 763-768	50.4	127
442	Genome-Wide Association Study Meta-Analysis of Stroke in 22 000 Individuals of African Descent Identifies Novel Associations With Stroke. <i>Stroke</i> , 2020 , 51, 2454-2463	6.7	7
441	Carbohydrate and fat intake associated with risk of metabolic diseases through epigenetics of CPT1A. <i>American Journal of Clinical Nutrition</i> , 2020 , 112, 1200-1211	7	15
440	Genome-Wide Association Meta-Analysis of Individuals of European Ancestry Identifies Suggestive Loci for Sodium Intake, Potassium Intake, and Their Ratio Measured from 24-Hour or Half-Day Urine Samples. <i>Journal of Nutrition</i> , 2020 , 150, 2635-2645	4.1	1
439	Dynamic incorporation of multiple in silico functional annotations empowers rare variant association analysis of large whole-genome sequencing studies at scale. <i>Nature Genetics</i> , 2020 , 52, 969-983	36.3	33

438	Loss-of-function genomic variants highlight potential therapeutic targets for cardiovascular disease. <i>Nature Communications</i> , 2020 , 11, 6417	17.4	17
437	Smoking-by-genotype interaction in type 2 diabetes risk and fasting glucose 2020 , 15, e0230815		
436	Smoking-by-genotype interaction in type 2 diabetes risk and fasting glucose 2020 , 15, e0230815		
435	Smoking-by-genotype interaction in type 2 diabetes risk and fasting glucose 2020 , 15, e0230815		
434	Smoking-by-genotype interaction in type 2 diabetes risk and fasting glucose 2020 , 15, e0230815		
433	Association of Birth Weight With Type 2 Diabetes and Glycemic Traits: A Mendelian Randomization Study. <i>JAMA Network Open</i> , 2019 , 2, e1910915	10.4	14
432	Whole Genome Sequencing Identifies CRISPLD2 as a Lung Function Gene in Children With Asthma. <i>Chest</i> , 2019 , 156, 1068-1079	5.3	3
431	Comparison of smoking-related DNA methylation between newborns from prenatal exposure and adults from personal smoking. <i>Epigenomics</i> , 2019 , 11, 1487-1500	4.4	24
430	Genome-Wide Association Study of Apparent Treatment-Resistant Hypertension in the CHARGE Consortium: The CHARGE Pharmacogenetics Working Group. <i>American Journal of Hypertension</i> , 2019 , 32, 1146-1153	2.3	2
429	Genetic influences on susceptibility to rheumatoid arthritis in African-Americans. <i>Human Molecular Genetics</i> , 2019 , 28, 858-874	5.6	26
428	Multi-ancestry study of blood lipid levels identifies four loci interacting with physical activity. <i>Nature Communications</i> , 2019 , 10, 376	17.4	41
427	Leveraging linkage evidence to identify low-frequency and rare variants on 16p13 associated with blood pressure using TOPMed whole genome sequencing data. <i>Human Genetics</i> , 2019 , 138, 199-210	6.3	14
426	A PheWAS study of a large observational epidemiological cohort of African Americans from the REGARDS study. <i>BMC Medical Genomics</i> , 2019 , 12, 26	3.7	3
425	Association of dietary folate and vitamin B-12 intake with genome-wide DNA methylation in blood: a large-scale epigenome-wide association analysis in 5841 individuals. <i>American Journal of Clinical Nutrition</i> , 2019 , 110, 437-450	7	22
424	Echocardiographic Abnormalities and Determinants of 1-Month Outcome of Stroke Among West Africans in the SIREN Study. <i>Journal of the American Heart Association</i> , 2019 , 8, e010814	6	1
423	Collaborative Molecular Epidemiology Study of Metabolic Dysregulation, DNA Methylation, and Breast Cancer Risk Among Nigerian Women: MEND Study Objectives and Design. <i>Journal of Global Oncology</i> , 2019 , 5, 1-9	2.6	4
422	An integrative cross-omics analysis of DNA methylation sites of glucose and insulin homeostasis. <i>Nature Communications</i> , 2019 , 10, 2581	17.4	31
421	2019 ACC/AHA Guideline on the Primary Prevention of Cardiovascular Disease: A Report of the American College of Cardiology/American Heart Association Task Force on Clinical Practice Guidelines. <i>Circulation</i> , 2019 , 140, e596-e646	16.7	898

420	Differential Impact of Risk Factors on Stroke Occurrence Among Men Versus Women in West Africa. <i>Stroke</i> , 2019 , 50, 820-827	6.7	21
419	An Exome-Wide Sequencing Study of the GOLDN Cohort Reveals Novel Associations of Coding Variants and Fasting Plasma Lipids. <i>Frontiers in Genetics</i> , 2019 , 10, 158	4.5	1
418	2019 ACC/AHA Guideline on the Primary Prevention of Cardiovascular Disease: Executive Summary: A Report of the American College of Cardiology/American Heart Association Task Force on Clinical Practice Guidelines. <i>Journal of the American College of Cardiology</i> , 2019 , 74, 1376-1414	15.1	463
417	2019 ACC/AHA Guideline on the Primary Prevention of Cardiovascular Disease: Executive Summary: A Report of the American College of Cardiology/American Heart Association Task Force on Clinical Practice Guidelines. <i>Circulation</i> , 2019 , 140, e563-e595	16.7	192
416	A multi-ancestry genome-wide study incorporating gene-smoking interactions identifies multiple new loci for pulse pressure and mean arterial pressure. <i>Human Molecular Genetics</i> , 2019 , 28, 2615-2633	5.6	14
415	Associations between SLC16A11 variants and diabetes in the Hispanic Community Health Study/Study of Latinos (HCHS/SOL). <i>Scientific Reports</i> , 2019 , 9, 843	4.9	3
414	Genome-wide meta-analysis of SNP-by-ACEI/ARB and SNP-by-thiazide diuretic and effect on serum potassium in cohorts of European and African ancestry. <i>Pharmacogenomics Journal</i> , 2019 , 19, 97-108	3.5	3
413	Clinical correlates and heritability of cardiac mechanics: The HyperGEN study. <i>International Journal of Cardiology</i> , 2019 , 274, 208-213	3.2	0
412	Genome-wide meta-analysis of SNP and antihypertensive medication interactions on left ventricular traits in African Americans. <i>Molecular Genetics & Genomic Medicine</i> , 2019 , 7, e00788	2.3	3
411	2019 ACC/AHA Guideline on the Primary Prevention of Cardiovascular Disease: Part 1, Lifestyle and Behavioral Factors. <i>JAMA Cardiology</i> , 2019 , 4, 1043-1044	16.2	56
410	A Clinician® Guide to Healthy Eating for Cardiovascular Disease Prevention. <i>Mayo Clinic Proceedings Innovations, Quality & Outcomes</i> , 2019 , 3, 251-267	3.1	34
409	Gene Variants at Loci Related to Blood Pressure Account for Variation in Response to Antihypertensive Drugs Between Black and White Individuals. <i>Hypertension</i> , 2019 , 74, 614-622	8.5	8
408	Multi-ancestry sleep-by-SNP interaction analysis in 126,926 individuals reveals lipid loci stratified by sleep duration. <i>Nature Communications</i> , 2019 , 10, 5121	17.4	31
407	Systematic Error Removal Using Random Forest for Normalizing Large-Scale Untargeted Lipidomics Data. <i>Analytical Chemistry</i> , 2019 , 91, 3590-3596	7.8	82
406	Use of >100,000 NHLBI Trans-Omics for Precision Medicine (TOPMed) Consortium whole genome sequences improves imputation quality and detection of rare variant associations in admixed African and Hispanic/Latino populations. <i>PLoS Genetics</i> , 2019 , 15, e1008500	6	90
405	Integrating hypertension phenotype and genotype with hybrid non-negative matrix factorization. <i>Bioinformatics</i> , 2019 , 35, 1395-1403	7.2	6
404	Associations of Mitochondrial and Nuclear Mitochondrial Variants and Genes with Seven Metabolic Traits. <i>American Journal of Human Genetics</i> , 2019 , 104, 112-138	11	54
403	The Interaction of a Diabetes Gene Risk Score With 3 Different Antihypertensive Medications for Incident Glucose-level Elevation. <i>American Journal of Hypertension</i> , 2019 , 32, 343-349	2.3	

402	Combined linkage and association analysis identifies rare and low frequency variants for blood pressure at 1q31. <i>European Journal of Human Genetics</i> , 2019 , 27, 269-277	5.3	3
401	An exome-wide sequencing study of lipid response to high-fat meal and fenofibrate in Caucasians from the GOLDN cohort. <i>Journal of Lipid Research</i> , 2018 , 59, 722-729	6.3	4
400	Dominant modifiable risk factors for stroke in Ghana and Nigeria (SIREN): a case-control study. <i>The Lancet Global Health</i> , 2018 , 6, e436-e446	13.6	120
399	Association of Sickle Cell Trait With Ischemic Stroke Among African Americans: A Meta-analysis. <i>JAMA Neurology</i> , 2018 , 75, 802-807	17.2	22
398	Association of Methylation Signals With Incident Coronary Heart Disease in an Epigenome-Wide Assessment of Circulating Tumor Necrosis Factor α . <i>JAMA Cardiology</i> , 2018 , 3, 463-472	16.2	17
397	Epigenome-wide association study of metabolic syndrome in African-American adults. <i>Clinical Epigenetics</i> , 2018 , 10, 49	7.7	34
396	Genome-Wide Interactions with Dairy Intake for Body Mass Index in Adults of European Descent. <i>Molecular Nutrition and Food Research</i> , 2018 , 62, 1700347	5.9	5
395	Metabolic and inflammatory biomarkers are associated with epigenetic aging acceleration estimates in the GOLDN study. <i>Clinical Epigenetics</i> , 2018 , 10, 56	7.7	43
394	Omics of Blood Pressure and Hypertension. <i>Circulation Research</i> , 2018 , 122, 1409-1419	15.7	41
393	Epigenomics and metabolomics reveal the mechanism of the APOA2-saturated fat intake interaction affecting obesity. <i>American Journal of Clinical Nutrition</i> , 2018 , 108, 188-200	7	29
392	Dairy Consumption and Body Mass Index Among Adults: Mendelian Randomization Analysis of 184802 Individuals from 25 Studies. <i>Clinical Chemistry</i> , 2018 , 64, 183-191	5.5	24
391	Hypermethylation of MIR21 in CD4+ T cells from patients with relapsing-remitting multiple sclerosis associates with lower miRNA-21 levels and concomitant up-regulation of its target genes. <i>Multiple Sclerosis Journal</i> , 2018 , 24, 1288-1300	5	26
390	Data for GAW20: genome-wide DNA sequence variation and epigenome-wide DNA methylation before and after fenofibrate treatment in a family study of metabolic phenotypes. <i>BMC Proceedings</i> , 2018 , 12, 35	2.3	10
389	Genome-wide association meta-analysis of circulating odd-numbered chain saturated fatty acids: Results from the CHARGE Consortium. <i>PLoS ONE</i> , 2018 , 13, e0196951	3.7	10
388	Genome-wide association study of response to methotrexate in early rheumatoid arthritis patients. <i>Pharmacogenomics Journal</i> , 2018 , 18, 528-538	3.5	25
387	Epigenetic Patterns in Blood Associated With Lipid Traits Predict Incident Coronary Heart Disease Events and Are Enriched for Results From Genome-Wide Association Studies. <i>Circulation: Cardiovascular Genetics</i> , 2017 , 10,		72
386	Sickle Cell Trait and the Risk of ESRD in Blacks. <i>Journal of the American Society of Nephrology: JASN</i> , 2017 , 28, 2180-2187	12.7	53
385	Phenomapping for the Identification of Hypertensive Patients with the Myocardial Substrate for Heart Failure with Preserved Ejection Fraction. <i>Journal of Cardiovascular Translational Research</i> , 2017 , 10, 275-284	3.3	37

384	Interleukin-6 (IL-6) rs1800796 and cyclin dependent kinase inhibitor (CDKN2A/CDKN2B) rs2383207 are associated with ischemic stroke in indigenous West African Men. <i>Journal of the Neurological Sciences</i> , 2017 , 379, 229-235	3.2	18
383	Genome- and CD4+ T-cell methylome-wide association study of circulating trimethylamine-N-oxide in the Genetics of Lipid Lowering Drugs and Diet Network (GOLDN). <i>Journal of Nutrition & Intermediary Metabolism</i> , 2017 , 8, 1-7	2.8	9
382	Non-linear patterns in age-related DNA methylation may reflect CD4 T cell differentiation. <i>Epigenetics</i> , 2017 , 12, 492-503	5.7	16
381	Stroke in Indigenous Africans, African Americans, and European Americans: Interplay of Racial and Geographic Factors. <i>Stroke</i> , 2017 , 48, 1169-1175	6.7	35
380	Genetic associations with lipoprotein subfraction measures differ by ethnicity in the multi-ethnic study of atherosclerosis (MESA). <i>Human Genetics</i> , 2017 , 136, 715-726	6.3	9
379	Discovery and fine-mapping of loci associated with MUFAs through trans-ethnic meta-analysis in Chinese and European populations. <i>Journal of Lipid Research</i> , 2017 , 58, 974-981	6.3	12
378	Coffee consumption and calcified atherosclerotic plaques in the coronary arteries: The NHLBI Family Heart Study. <i>Clinical Nutrition ESPEN</i> , 2017 , 17, 18-21	1.3	6
377	Genetic variation at 16q24.2 is associated with small vessel stroke. <i>Annals of Neurology</i> , 2017 , 81, 383-394	9.4	51
376	Detection of gene-environment interactions in a family-based population using SCAD. <i>Statistics in Medicine</i> , 2017 , 36, 3547-3559	2.3	1
375	Advancing stroke genomic research in the age of Trans-Omics big data science: Emerging priorities and opportunities. <i>Journal of the Neurological Sciences</i> , 2017 , 382, 18-28	3.2	11
374	Association of Body Mass Index with DNA Methylation and Gene Expression in Blood Cells and Relations to Cardiometabolic Disease: A Mendelian Randomization Approach. <i>PLoS Medicine</i> , 2017 , 14, e1002215	11.6	162
373	Dense Genotyping of Immune-Related Regions Identifies Loci for Rheumatoid Arthritis Risk and Damage in African Americans. <i>Molecular Medicine</i> , 2017 , 23, 177-187	6.2	12
372	Testing Two Evolutionary Theories of Human Aging with DNA Methylation Data. <i>Genetics</i> , 2017 , 207, 1547-1560	4	8
371	An epigenome-wide association study of inflammatory response to fenofibrate in the Genetics of Lipid Lowering Drugs and Diet Network. <i>Pharmacogenomics</i> , 2017 , 18, 1333-1341	2.6	6
370	Association of Estimated Sodium Intake With Adverse Cardiac Structure and Function: From the HyperGEN Study. <i>Journal of the American College of Cardiology</i> , 2017 , 70, 715-724	15.1	12
369	DNA Methylation Analysis Identifies Loci for Blood Pressure Regulation. <i>American Journal of Human Genetics</i> , 2017 , 101, 888-902	11	83
368	Sex Differences in Blood HDL-c, the Total Cholesterol/HDL-c Ratio, and Palmitoleic Acid are Not Associated with Variants in Common Candidate Genes. <i>Lipids</i> , 2017 , 52, 969-980	1.6	11
367	Large-scale genome-wide analysis identifies genetic variants associated with cardiac structure and function. <i>Journal of Clinical Investigation</i> , 2017 , 127, 1798-1812	15.9	68

366	Discovery and fine-mapping of adiposity loci using high density imputation of genome-wide association studies in individuals of African ancestry: African Ancestry Anthropometry Genetics Consortium. <i>PLoS Genetics</i> , 2017 , 13, e1006719	6	60
365	Single-trait and multi-trait genome-wide association analyses identify novel loci for blood pressure in African-ancestry populations. <i>PLoS Genetics</i> , 2017 , 13, e1006728	6	58
364	Exploring Overlaps Between the Genomic and Environmental Determinants of LVH and Stroke: A Multicenter Study in West Africa. <i>Global Heart</i> , 2017 , 12, 107-113.e5	2.9	7
363	Prevalence and Prognostic Features of ECG Abnormalities in Acute Stroke: Findings From the SIREN Study Among Africans. <i>Global Heart</i> , 2017 , 12, 99-105	2.9	15
362	Mediterranean diet score and left ventricular structure and function: the Multi-Ethnic Study of Atherosclerosis. <i>American Journal of Clinical Nutrition</i> , 2016 , 104, 595-602	7	15
361	Epigenetics of Lipid Phenotypes. <i>Current Cardiovascular Risk Reports</i> , 2016 , 10, 1	0.9	16
360	Research Needs to Improve Hypertension Treatment and Control in African Americans. <i>Hypertension</i> , 2016 , 68, 1066-1072	8.5	49
359	Epigenetic Signatures of Cigarette Smoking. <i>Circulation: Cardiovascular Genetics</i> , 2016 , 9, 436-447		442
358	Interaction of an S100A9 gene variant with saturated fat and carbohydrates to modulate insulin resistance in 3 populations of different ancestries. <i>American Journal of Clinical Nutrition</i> , 2016 , 104, 508-7		8
357	Epigenome-wide association study of triglyceride postprandial responses to a high-fat dietary challenge. <i>Journal of Lipid Research</i> , 2016 , 57, 2200-2207	6.3	24
356	Associations of the MCM6-rs3754686 proxy for milk intake in Mediterranean and American populations with cardiovascular biomarkers, disease and mortality: Mendelian randomization. <i>Scientific Reports</i> , 2016 , 6, 33188	4.9	17
355	Association of Central Adiposity With Adverse Cardiac Mechanics: Findings From the Hypertension Genetic Epidemiology Network Study. <i>Circulation: Cardiovascular Imaging</i> , 2016 , 9,	3.9	42
354	Meta-analysis of genome-wide association studies discovers multiple loci for chronic lymphocytic leukemia. <i>Nature Communications</i> , 2016 , 7, 10933	17.4	70
353	Precision Medicine, Genomics, and Public Health. <i>Diabetes Care</i> , 2016 , 39, 1870-1873	14.6	13
352	The effects of omega-3 polyunsaturated fatty acids and genetic variants on methylation levels of the interleukin-6 gene promoter. <i>Molecular Nutrition and Food Research</i> , 2016 , 60, 410-9	5.9	24
351	Archeological Echocardiography: Digitization and Speckle Tracking Analysis of Archival Echocardiograms in the HyperGEN Study. <i>Echocardiography</i> , 2016 , 33, 386-97	1.5	17
350	Trans-ethnic Meta-analysis and Functional Annotation Illuminates the Genetic Architecture of Fasting Glucose and Insulin. <i>American Journal of Human Genetics</i> , 2016 , 99, 56-75	11	41
349	Clock Genes Explain a Large Proportion of Phenotypic Variance in Systolic Blood Pressure and This Control Is Not Modified by Environmental Temperature. <i>American Journal of Hypertension</i> , 2016 , 29, 132-40	2.3	15

348	Heart Disease and Stroke Statistics-2016 Update: A Report From the American Heart Association. <i>Circulation</i> , 2016 , 133, e38-360	16.7	4504
347	Opportunities for the Cardiovascular Community in the Precision Medicine Initiative. <i>Circulation</i> , 2016 , 133, 226-31	16.7	42
346	Genetics of CVD in 2015: Using genomic approaches to identify CVD-causing variants. <i>Nature Reviews Cardiology</i> , 2016 , 13, 72-4	14.8	4
345	Interaction of methylation-related genetic variants with circulating fatty acids on plasma lipids: a meta-analysis of 7 studies and methylation analysis of 3 studies in the Cohorts for Heart and Aging Research in Genomic Epidemiology consortium. <i>American Journal of Clinical Nutrition</i> , 2016 , 103, 567-78	7	21
344	Loci associated with ischaemic stroke and its subtypes (SiGN): a genome-wide association study. <i>Lancet Neurology</i> , 2016 , 15, 174-184	24.1	159
343	Executive Summary: Heart Disease and Stroke Statistics--2016 Update: A Report From the American Heart Association. <i>Circulation</i> , 2016 , 133, 447-54	16.7	1677
342	Multilingual Validation of the Questionnaire for Verifying Stroke-Free Status in West Africa. <i>Stroke</i> , 2016 , 47, 167-72	6.7	33
341	Association of Sickle Cell Trait with Risk of Coronary Heart Disease in African Americans. <i>Blood</i> , 2016 , 128, 11-11	2.2	2
340	Association of DNA Methylation at CPT1A Locus with Metabolic Syndrome in the Genetics of Lipid Lowering Drugs and Diet Network (GOLDN) Study. <i>PLoS ONE</i> , 2016 , 11, e0145789	3.7	40
339	Heritable DNA Methylation in CD4+ Cells among Complex Families Displays Genetic and Non-Genetic Effects. <i>PLoS ONE</i> , 2016 , 11, e0165488	3.7	18
338	An Empirical Comparison of Joint and Stratified Frameworks for Studying G x E Interactions: Systolic Blood Pressure and Smoking in the CHARGE Gene-Lifestyle Interactions Working Group. <i>Genetic Epidemiology</i> , 2016 , 40, 404-15	2.6	15
337	A genome-wide study of lipid response to fenofibrate in Caucasians: a combined analysis of the GOLDN and ACCORD studies. <i>Pharmacogenetics and Genomics</i> , 2016 , 26, 324-33	1.9	10
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27	Orthostatic hypotension and the incidence of coronary heart disease: the Atherosclerosis Risk in Communities study. <i>American Journal of Hypertension</i> , 2000 , 13, 571-8	2.3	182
26	NHLBI family blood pressure program: methodology and recruitment in the HyperGEN network. Hypertension genetic epidemiology network. <i>Annals of Epidemiology</i> , 2000 , 10, 389-400	6.4	142
25	Differences and trends in antioxidant dietary intake in smokers and non-smokers, 1980-1992: the Minnesota Heart Survey. <i>Annals of Epidemiology</i> , 2000 , 10, 417-23	6.4	27

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22	Influence of leisure time physical activity and television watching on atherosclerosis risk factors in the NHLBI Family Heart Study. <i>Atherosclerosis</i> , 2000 , 153, 433-43	3.1	146
21	Plasma homocysteine and its association with carotid intimal-medial wall thickness and prevalent coronary heart disease: NHLBI Family Heart Study. <i>Atherosclerosis</i> , 2000 , 151, 519-24	3.1	37
20	Arterial stiffness and the development of hypertension. The ARIC study. <i>Hypertension</i> , 1999 , 34, 201-6	8.5	417
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18	Relationship of serum and dietary magnesium to incident hypertension: the Atherosclerosis Risk in Communities (ARIC) Study. <i>Annals of Epidemiology</i> , 1999 , 9, 159-65	6.4	86
17	Women, employment status, and hypertension: cross-sectional and prospective findings from the Atherosclerosis Risk in Communities (ARIC) Study. <i>Annals of Epidemiology</i> , 1999 , 9, 374-82	6.4	11
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15	Trends in medical care of hospitalized stroke patients between 1980 and 1990: the Minnesota Stroke Survey. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 1998 , 7, 76-84	2.8	4
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13	No association between factor V Leiden mutation and coronary heart disease or carotid intima media thickness: the NHLBI Family Heart Study. <i>Thrombosis Research</i> , 1998 , 89, 289-93	8.2	7
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11	Angiotensinogen and angiotensin converting enzyme genotypes and carotid atherosclerosis: the atherosclerosis risk in communities and the NHLBI family heart studies. <i>Atherosclerosis</i> , 1998 , 138, 111-6	3.1	30
10	The importance of arterial compliance in cardiovascular drug therapy. <i>Journal of Clinical Pharmacology</i> , 1998 , 38, 202-12	2.9	23
9	Vascular compliance and cardiovascular disease: a risk factor or a marker?. <i>American Journal of Hypertension</i> , 1997 , 10, 1175-89	2.3	193
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7	Impact of adjustments for intermediate phenotypes on the power to detect linkage. <i>Genetic Epidemiology</i> , 1997 , 14, 749-54	2.6	5

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5	Variability in B-mode ultrasound measurements in the atherosclerosis risk in communities (ARIC) study. <i>Ultrasound in Medicine and Biology</i> , 1996 , 22, 545-54	3.5	72
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2	Arterial stiffness: a new cardiovascular risk factor?. <i>American Journal of Epidemiology</i> , 1994 , 140, 669-82	3.8	389
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