

Donna K Arnett

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.

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	Heart disease and stroke statistics--2015 update: a report from the American Heart Association. <i>Circulation</i> , 2015 , 131, e29-322	16.7	5259
490	Heart Disease and Stroke Statistics-2016 Update: A Report From the American Heart Association. <i>Circulation</i> , 2016 , 133, e38-360	16.7	4504
489	Defining and setting national goals for cardiovascular health promotion and disease reduction: the American Heart Association® strategic Impact Goal through 2020 and beyond. <i>Circulation</i> , 2010 , 121, 586-613	16.7	2497
488	Vascular contributions to cognitive impairment and dementia: a statement for healthcare professionals from the american heart association/american stroke association. <i>Stroke</i> , 2011 , 42, 2672-713	16.7	2301
487	Contemporary definitions and classification of the cardiomyopathies: an American Heart Association Scientific Statement from the Council on Clinical Cardiology, Heart Failure and Transplantation Committee; Quality of Care and Outcomes Research and Functional Genomics and Translational Biology Interdisciplinary Working Groups, and Council on Epidemiology and Prevention. <i>Circulation</i> , 2010 , 121, e269-278	16.7	2279
486	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
485	Neighborhood of residence and incidence of coronary heart disease. <i>New England Journal of Medicine</i> , 2001 , 345, 99-106	59.2	1302
484	Mixed linear model approach adapted for genome-wide association studies. <i>Nature Genetics</i> , 2010 , 42, 355-60	36.3	1259
483	Overweight in children and adolescents: pathophysiology, consequences, prevention, and treatment. <i>Circulation</i> , 2005 , 111, 1999-2012	16.7	1033
482	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
481	Criteria for evaluation of novel markers of cardiovascular risk: a scientific statement from the American Heart Association. <i>Circulation</i> , 2009 , 119, 2408-16	16.7	834
480	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
479	Epigenetic Signatures of Cigarette Smoking. <i>Circulation: Cardiovascular Genetics</i> , 2016 , 9, 436-447		442
478	Executive Summary: Heart Disease and Stroke Statistics--2015 Update. <i>Circulation</i> , 2015 , 131, 434-441	16.7	442
477	Arterial stiffness and the development of hypertension. The ARIC study. <i>Hypertension</i> , 1999 , 34, 201-6	8.5	417
476	Arterial stiffness: a new cardiovascular risk factor?. <i>American Journal of Epidemiology</i> , 1994 , 140, 669-82	3.8	389
475	The relationship between visit-to-visit variability in systolic blood pressure and all-cause mortality in the general population: findings from NHANES III, 1988 to 1994. <i>Hypertension</i> , 2011 , 57, 160-6	8.5	344

474	Genome-wide association study of plasma polyunsaturated fatty acids in the InCHIANTI Study. <i>PLoS Genetics</i> , 2009 , 5, e1000338	6	300
473	Trends in acute coronary heart disease mortality, morbidity, and medical care from 1985 through 1997: the Minnesota heart survey. <i>Circulation</i> , 2001 , 104, 19-24	16.7	286
472	Sequencing of 53,831 diverse genomes from the NHLBI TOPMed Program. <i>Nature</i> , 2021 , 590, 290-299	50.4	268
471	Orthostatic hypotension as a risk factor for stroke: the atherosclerosis risk in communities (ARIC) study, 1987-1996. <i>Stroke</i> , 2000 , 31, 2307-13	6.7	261
470	Genetic loci associated with plasma phospholipid n-3 fatty acids: a meta-analysis of genome-wide association studies from the CHARGE Consortium. <i>PLoS Genetics</i> , 2011 , 7, e1002193	6	257
469	Effect of type 2 diabetes mellitus on left ventricular geometry and systolic function in hypertensive subjects: Hypertension Genetic Epidemiology Network (HyperGEN) study. <i>Circulation</i> , 2001 , 103, 102-7	16.7	255
468	Normal limits in relation to age, body size and gender of two-dimensional echocardiographic aortic root dimensions in persons ≥5 years of age. <i>American Journal of Cardiology</i> , 2012 , 110, 1189-94	3	230
467	Common missense variant in the glucokinase regulatory protein gene is associated with increased plasma triglyceride and C-reactive protein but lower fasting glucose concentrations. <i>Diabetes</i> , 2008 , 57, 3112-21	0.9	223
466	Traditional cardiovascular risk factors in relation to left ventricular mass, volume, and systolic function by cardiac magnetic resonance imaging: the Multiethnic Study of Atherosclerosis. <i>Journal of the American College of Cardiology</i> , 2006 , 48, 2285-92	15.1	222
465	Epigenome-wide association study (EWAS) of BMI, BMI change and waist circumference in African American adults identifies multiple replicated loci. <i>Human Molecular Genetics</i> , 2015 , 24, 4464-79	5.6	219
464	Kidney function influences warfarin responsiveness and hemorrhagic complications. <i>Journal of the American Society of Nephrology: JASN</i> , 2009 , 20, 912-21	12.7	212
463	The burden of stroke in Africa: a glance at the present and a glimpse into the future. <i>Cardiovascular Journal of Africa</i> , 2015 , 26, S27-38	0.7	200
462	Association of C-reactive protein with markers of prevalent atherosclerotic disease. <i>American Journal of Cardiology</i> , 2001 , 88, 112-7	3	195
461	Vascular compliance and cardiovascular disease: a risk factor or a marker?. <i>American Journal of Hypertension</i> , 1997 , 10, 1175-89	2.3	193
460	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
459	A meta-analysis identifies new loci associated with body mass index in individuals of African ancestry. <i>Nature Genetics</i> , 2013 , 45, 690-6	36.3	192
458	Meta-analysis of correlated traits via summary statistics from GWASs with an application in hypertension. <i>American Journal of Human Genetics</i> , 2015 , 96, 21-36	11	186
457	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

456	DNA methylation signatures of chronic low-grade inflammation are associated with complex diseases. <i>Genome Biology</i> , 2016 , 17, 255	18.3	171
455	Genetic variants associated with cardiac structure and function: a meta-analysis and replication of genome-wide association data. <i>JAMA - Journal of the American Medical Association</i> , 2009 , 302, 168-78	27.4	164
454	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
453	Genome-wide meta-analysis points to CTC1 and ZNF676 as genes regulating telomere homeostasis in humans. <i>Human Molecular Genetics</i> , 2012 , 21, 5385-94	5.6	162
452	Epigenome-wide association study of fasting blood lipids in the Genetics of Lipid-lowering Drugs and Diet Network study. <i>Circulation</i> , 2014 , 130, 565-72	16.7	161
451	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
450	Physical activity and incidence of coronary heart disease in middle-aged women and men. <i>Medicine and Science in Sports and Exercise</i> , 1997 , 29, 901-9	1.2	160
449	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
448	Relevance of genetics and genomics for prevention and treatment of cardiovascular disease: a scientific statement from the American Heart Association Council on Epidemiology and Prevention, the Stroke Council, and the Functional Genomics and Translational Biology Interdisciplinary Working Group. <i>Circulation</i> , 2007 , 115, 2878-901	16.7	159
447	Differences in left ventricular structure between black and white hypertensive adults: the Hypertension Genetic Epidemiology Network study. <i>Hypertension</i> , 2004 , 43, 1182-8	8.5	155
446	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
445	Genome-wide association analysis of blood-pressure traits in African-ancestry individuals reveals common associated genes in African and non-African populations. <i>American Journal of Human Genetics</i> , 2013 , 93, 545-54	11	145
444	Lifestyle determinants of high-density lipoprotein cholesterol: the National Heart, Lung, and Blood Institute Family Heart Study. <i>American Heart Journal</i> , 2004 , 147, 529-35	4.9	142
443	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
442	Family history of premature coronary heart disease and coronary artery calcification: Multi-Ethnic Study of Atherosclerosis (MESA). <i>Circulation</i> , 2007 , 116, 619-26	16.7	134
441	Quantitative-trait loci influencing body-mass index reside on chromosomes 7 and 13: the National Heart, Lung, and Blood Institute Family Heart Study. <i>American Journal of Human Genetics</i> , 2002 , 70, 72-82 ¹¹	11	128
440	Twenty-year trends in serum cholesterol, hypercholesterolemia, and cholesterol medication use: the Minnesota Heart Survey, 1980-1982 to 2000-2002. <i>Circulation</i> , 2005 , 112, 3884-91	16.7	127
439	Inherited causes of clonal haematopoiesis in 97,691 whole genomes. <i>Nature</i> , 2020 , 586, 763-768	50.4	127

438	Epigenome-wide study identifies novel methylation loci associated with body mass index and waist circumference. <i>Obesity</i> , 2015 , 23, 1493-501	8	122
437	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
436	Epigenome-wide association study of fasting measures of glucose, insulin, and HOMA-IR in the Genetics of Lipid Lowering Drugs and Diet Network study. <i>Diabetes</i> , 2014 , 63, 801-7	0.9	120
435	Directional dominance on stature and cognition in diverse human populations. <i>Nature</i> , 2015 , 523, 459-462	50.4	119
434	Physical activity and incident hypertension in black and white adults: the Atherosclerosis Risk in Communities Study. <i>Preventive Medicine</i> , 1999 , 28, 304-12	4.3	119
433	Pharmacogenetic association of the angiotensin-converting enzyme insertion/deletion polymorphism on blood pressure and cardiovascular risk in relation to antihypertensive treatment: the Genetics of Hypertension-Associated Treatment (GenHAT) study. <i>Circulation</i> , 2005 , 111, 3374-83	16.7	116
432	CLOCK genetic variation and metabolic syndrome risk: modulation by monounsaturated fatty acids. <i>American Journal of Clinical Nutrition</i> , 2009 , 90, 1466-75	7	115
431	Aortic root dilatation at sinuses of valsalva and aortic regurgitation in hypertensive and normotensive subjects: The Hypertension Genetic Epidemiology Network Study. <i>Hypertension</i> , 2001 , 37, 1229-35	8.5	112
430	Fruit and vegetable consumption and LDL cholesterol: the National Heart, Lung, and Blood Institute Family Heart Study. <i>American Journal of Clinical Nutrition</i> , 2004 , 79, 213-7	7	110
429	Left ventricular concentric remodeling is associated with decreased global and regional systolic function: the Multi-Ethnic Study of Atherosclerosis. <i>Circulation</i> , 2005 , 112, 984-91	16.7	110
428	SNPs located at CpG sites modulate genome-epigenome interaction. <i>Epigenetics</i> , 2013 , 8, 802-6	5.7	106
427	Fenofibrate effect on triglyceride and postprandial response of apolipoprotein A5 variants: the GOLDN study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007 , 27, 1417-25	9.4	106
426	The -256T>C polymorphism in the apolipoprotein A-II gene promoter is associated with body mass index and food intake in the genetics of lipid lowering drugs and diet network study. <i>Clinical Chemistry</i> , 2007 , 53, 1144-52	5.5	103
425	Hypertension and smoking are associated with reduced regional left ventricular function in asymptomatic individuals the Multi-Ethnic Study of Atherosclerosis. <i>Journal of the American College of Cardiology</i> , 2006 , 47, 1150-8	15.1	103
424	Dietary linolenic acid is inversely associated with calcified atherosclerotic plaque in the coronary arteries: the National Heart, Lung, and Blood Institute Family Heart Study. <i>Circulation</i> , 2005 , 111, 2921-6	16.7	103
423	Alcohol consumption and metabolic syndrome: does the type of beverage matter?. <i>Obesity</i> , 2004 , 12, 1375-85		100
422	Identification of additional risk loci for stroke and small vessel disease: a meta-analysis of genome-wide association studies. <i>Lancet Neurology</i> , 2016 , 15, 695-707	24.1	100
421	Relation of various degrees of body mass index in patients with systemic hypertension to left ventricular mass, cardiac output, and peripheral resistance (The Hypertension Genetic Epidemiology Network Study). <i>American Journal of Cardiology</i> , 2001 , 88, 1163-8	3	98

420	Trans-ethnic fine-mapping of lipid loci identifies population-specific signals and allelic heterogeneity that increases the trait variance explained. <i>PLoS Genetics</i> , 2013 , 9, e1003379	6	94
419	Fifteen-year trends in cardiovascular risk factors (1980-1982 through 1995-1997): the Minnesota Heart Survey. <i>American Journal of Epidemiology</i> , 2002 , 156, 929-35	3.8	90
418	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
417	AHA/ACC/HHS strategies to enhance application of clinical practice guidelines in patients with cardiovascular disease and comorbid conditions: from the American Heart Association, American College of Cardiology, and US Department of Health and Human Services. <i>Circulation</i> , 2014 , 130, 1662-7	16.7	89
416	The Heart of 25 by 25: Achieving the Goal of Reducing Global and Regional Premature Deaths From Cardiovascular Diseases and Stroke: A Modeling Study From the American Heart Association and World Heart Federation. <i>Circulation</i> , 2016 , 133, e674-90	16.7	89
415	A summary of the effects of antihypertensive medications on measured blood pressure. <i>American Journal of Hypertension</i> , 2005 , 18, 935-42	2.3	88
414	A high intake of saturated fatty acids strengthens the association between the fat mass and obesity-associated gene and BMI. <i>Journal of Nutrition</i> , 2011 , 141, 2219-25	4.1	87
413	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
412	ACCF/AHA clinical practice guideline methodology summit report: a report of the American College of Cardiology Foundation/American Heart Association Task Force on Practice Guidelines. <i>Circulation</i> , 2013 , 127, 268-310	16.7	85
411	Arterial stiffness is greater in African Americans than in whites: evidence from the Forsyth County, North Carolina, ARIC cohort. <i>American Journal of Hypertension</i> , 2004 , 17, 304-13	2.3	84
410	DNA Methylation Analysis Identifies Loci for Blood Pressure Regulation. <i>American Journal of Human Genetics</i> , 2017 , 101, 888-902	11	83
409	Left ventricular concentric geometry is associated with impaired relaxation in hypertension: the HyperGEN study. <i>European Heart Journal</i> , 2005 , 26, 1039-45	9.5	83
408	Systematic Error Removal Using Random Forest for Normalizing Large-Scale Untargeted Lipidomics Data. <i>Analytical Chemistry</i> , 2019 , 91, 3590-3596	7.8	82
407	Metabolic syndrome and echocardiographic left ventricular mass in blacks: the Atherosclerosis Risk in Communities (ARIC) Study. <i>Circulation</i> , 2005 , 112, 819-27	16.7	81
406	Association between hyperuricemia and incident heart failure among older adults: a propensity-matched study. <i>International Journal of Cardiology</i> , 2010 , 142, 279-87	3.2	79
405	Pharmacogenetic association of the NPPA T2238C genetic variant with cardiovascular disease outcomes in patients with hypertension. <i>JAMA - Journal of the American Medical Association</i> , 2008 , 299, 296-307	27.4	79
404	Linkage analysis of a composite factor for the multiple metabolic syndrome: the National Heart, Lung, and Blood Institute Family Heart Study. <i>Diabetes</i> , 2003 , 52, 2840-7	0.9	78
403	Replication of linkage of familial combined hyperlipidemia to chromosome 1q with additional heterogeneous effect of apolipoprotein A-I/C-III/A-IV locus. The NHLBI Family Heart Study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2000 , 20, 2275-80	9.4	77

402	Genetics and genomics for the prevention and treatment of cardiovascular disease: update: a scientific statement from the American Heart Association. <i>Circulation</i> , 2013 , 128, 2813-51	16.7	76
401	Trends in blood pressure, hypertension control, and stroke mortality: the Minnesota Heart Survey. <i>American Journal of Medicine</i> , 2006 , 119, 42-9	2.4	73
400	Socioeconomic disadvantage and change in blood pressure associated with aging. <i>Circulation</i> , 2002 , 106, 703-10	16.7	73
399	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
398	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
397	Meta-analysis of genome-wide association studies discovers multiple loci for chronic lymphocytic leukemia. <i>Nature Communications</i> , 2016 , 7, 10933	17.4	70
396	Hypertension and arterial stiffness: the Atherosclerosis Risk in Communities Study. ARIC Investigators. <i>American Journal of Hypertension</i> , 2000 , 13, 317-23	2.3	70
395	Genetic variants in human CLOCK associate with total energy intake and cytokine sleep factors in overweight subjects (GOLDN population). <i>European Journal of Human Genetics</i> , 2010 , 18, 364-9	5.3	68
394	Effect of influenza vaccine on markers of inflammation and lipid profile. <i>Translational Research</i> , 2005 , 145, 323-7		68
393	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
392	Pharmacogenetics of antihypertensive treatment. <i>Vascular Pharmacology</i> , 2006 , 44, 107-18	5.9	67
391	A genome scan for renal function among hypertensives: the HyperGEN study. <i>American Journal of Human Genetics</i> , 2001 , 68, 136-144	11	66
390	Cholesteryl ester transfer protein genetic polymorphisms, HDL cholesterol, and subclinical cardiovascular disease in the Multi-Ethnic Study of Atherosclerosis. <i>Atherosclerosis</i> , 2008 , 200, 359-67	3.1	64
389	A genome-wide scan for urinary albumin excretion in hypertensive families. <i>Hypertension</i> , 2003 , 42, 291-6.5		64
388	Genetic ancestry is associated with subclinical cardiovascular disease in African-Americans and Hispanics from the multi-ethnic study of atherosclerosis. <i>Circulation: Cardiovascular Genetics</i> , 2009 , 2, 629-36		62
387	Left ventricular geometric patterns in the Jackson cohort of the Atherosclerotic Risk in Communities (ARIC) Study: clinical correlates and influences on systolic and diastolic dysfunction. <i>American Heart Journal</i> , 2007 , 153, 238-44	4.9	62
386	Atherosclerotic Vascular Disease Conference: Writing Group II: risk factors. <i>Circulation</i> , 2004 , 109, 2613-6.7		62
385	Dietary linolenic acid is inversely associated with plasma triacylglycerol: the National Heart, Lung, and Blood Institute Family Heart Study. <i>American Journal of Clinical Nutrition</i> , 2003 , 78, 1098-102	7	61

384	Chocolate consumption is inversely associated with prevalent coronary heart disease: the National Heart, Lung, and Blood Institute Family Heart Study. <i>Clinical Nutrition</i> , 2011 , 30, 182-7	5.9	60
383	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
382	Gain-of-function lipoprotein lipase variant rs13702 modulates lipid traits through disruption of a microRNA-410 seed site. <i>American Journal of Human Genetics</i> , 2013 , 92, 5-14	11	59
381	Association of kidney function and hemoglobin with left ventricular morphology among African Americans: the Atherosclerosis Risk in Communities (ARIC) study. <i>American Journal of Kidney Diseases</i> , 2004 , 43, 836-45	7.4	59
380	Left ventricular systolic dysfunction in a biracial sample of hypertensive adults: The Hypertension Genetic Epidemiology Network (HyperGEN) Study. <i>Hypertension</i> , 2001 , 38, 417-23	8.5	59
379	Hostility, social support, and carotid artery atherosclerosis in the National Heart, Lung, and Blood Institute Family Heart Study. <i>American Journal of Cardiology</i> , 2000 , 86, 1086-9	3	59
378	Genome scan for quantitative trait loci linked to high-density lipoprotein cholesterol: The NHLBI Family Heart Study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2001 , 21, 1823-8	9.4	58
377	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
376	Familial clustering for features of the metabolic syndrome: the National Heart, Lung, and Blood Institute (NHLBI) Family Heart Study. <i>Diabetes Care</i> , 2006 , 29, 631-6	14.6	57
375	Population trends in leisure-time physical activity: Minnesota Heart Survey, 1980-2000. <i>Medicine and Science in Sports and Exercise</i> , 2006 , 38, 1716-23	1.2	57
374	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
373	Comprehensive evaluation of AmpliSeq transcriptome, a novel targeted whole transcriptome RNA sequencing methodology for global gene expression analysis. <i>BMC Genomics</i> , 2015 , 16, 1069	4.5	56
372	Erythrocyte fatty acid composition and the metabolic syndrome: a National Heart, Lung, and Blood Institute GOLDN study. <i>Clinical Chemistry</i> , 2008 , 54, 154-62	5.5	56
371	Renin-angiotensin inhibition in systolic heart failure and chronic kidney disease. <i>American Journal of Medicine</i> , 2012 , 125, 399-410	2.4	55
370	Association of low-grade albuminuria with adverse cardiac mechanics: findings from the hypertension genetic epidemiology network (HyperGEN) study. <i>Circulation</i> , 2014 , 129, 42-50	16.7	54
369	Gender difference in diastolic function in hypertension (the HyperGEN study). <i>American Journal of Cardiology</i> , 2002 , 89, 1052-6	3	54
368	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
367	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

366	Relationship of interleukin-6 with regional and global left-ventricular function in asymptomatic individuals without clinical cardiovascular disease: insights from the Multi-Ethnic Study of Atherosclerosis. <i>European Heart Journal</i> , 2010 , 31, 875-82	9.5	53
365	Genetic effect on blood pressure is modulated by age: the Hypertension Genetic Epidemiology Network Study. <i>Hypertension</i> , 2009 , 53, 35-41	8.5	53
364	A genome-wide affected sibpair linkage analysis of hypertension: the HyperGEN network. <i>American Journal of Hypertension</i> , 2003 , 16, 148-50	2.3	53
363	Dietary linolenic acid is associated with a lower prevalence of hypertension in the NHLBI Family Heart Study. <i>Hypertension</i> , 2005 , 45, 368-73	8.5	53
362	Black-white differences in electrocardiographic left ventricular mass and its association with blood pressure (the ARIC study). Atherosclerosis Risk in Communities. <i>American Journal of Cardiology</i> , 1994 , 74, 247-52	3	53
361	Isolated systolic hypertension and incident heart failure in older adults: a propensity-matched study. <i>Hypertension</i> , 2009 , 53, 458-65	8.5	52
360	Relation of aortic valve sclerosis to risk of coronary heart disease in African-Americans. <i>American Journal of Cardiology</i> , 2005 , 95, 401-4	3	52
359	Genetic variation at 16q24.2 is associated with small vessel stroke. <i>Annals of Neurology</i> , 2017 , 81, 383-394	9.4	51
358	Consumption of meat is associated with higher fasting glucose and insulin concentrations regardless of glucose and insulin genetic risk scores: a meta-analysis of 50,345 Caucasians. <i>American Journal of Clinical Nutrition</i> , 2015 , 102, 1266-78	7	51
357	Evidence for multiple determinants of the body mass index: the National Heart, Lung, and Blood Institute Family Heart Study. <i>Obesity</i> , 1998 , 6, 107-14		51
356	Methylation at CPT1A locus is associated with lipoprotein subfraction profiles. <i>Journal of Lipid Research</i> , 2014 , 55, 1324-30	6.3	50
355	Interleukin1beta genetic polymorphisms interact with polyunsaturated fatty acids to modulate risk of the metabolic syndrome. <i>Journal of Nutrition</i> , 2007 , 137, 1846-51	4.1	50
354	Research Needs to Improve Hypertension Treatment and Control in African Americans. <i>Hypertension</i> , 2016 , 68, 1066-1072	8.5	49
353	Phenotyping Stroke in Sub-Saharan Africa: Stroke Investigative Research and Education Network (SIREN) Phenomics Protocol. <i>Neuroepidemiology</i> , 2015 , 45, 73-82	5.4	49
352	Comparison of the Framingham Heart Study hypertension model with blood pressure alone in the prediction of risk of hypertension: the Multi-Ethnic Study of Atherosclerosis. <i>Hypertension</i> , 2010 , 55, 1339-45	8.5	49
351	Accuracy of estimation of large food portions. <i>Journal of the American Dietetic Association</i> , 2004 , 104, 804-6		48
350	Association between glucokinase regulatory protein (GCKR) and apolipoprotein A5 (APOA5) gene polymorphisms and triacylglycerol concentrations in fasting, postprandial, and fenofibrate-treated states. <i>American Journal of Clinical Nutrition</i> , 2009 , 89, 391-9	7	47
349	Echocardiographic left ventricular mass in African-Americans: the Jackson cohort of the Atherosclerosis Risk in Communities Study. <i>Echocardiography</i> , 2003 , 20, 111-20	1.5	46

348	ICAM1 and VCAM1 polymorphisms, coronary artery calcium, and circulating levels of soluble ICAM-1: the multi-ethnic study of atherosclerosis (MESA). <i>Atherosclerosis</i> , 2008 , 201, 339-44	3.1	45
347	Retinal arteriolar narrowing and left ventricular hypertrophy in African Americans. the Atherosclerosis Risk in Communities (ARIC) study. <i>American Journal of Hypertension</i> , 2008 , 21, 352-9	2.3	44
346	Relationship between left ventricular diastolic relaxation and systolic function in hypertension: The Hypertension Genetic Epidemiology Network (HyperGEN) Study. <i>Hypertension</i> , 2001 , 38, 424-8	8.5	44
345	The PLIN4 variant rs8887 modulates obesity related phenotypes in humans through creation of a novel miR-522 seed site. <i>PLoS ONE</i> , 2011 , 6, e17944	3.7	44
344	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
343	Saturated fat intake modulates the association between an obesity genetic risk score and body mass index in two US populations. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2014 , 114, 1954-66	3.9	43
342	Stroke Genetics Network (SiGN) study: design and rationale for a genome-wide association study of ischemic stroke subtypes. <i>Stroke</i> , 2013 , 44, 2694-702	6.7	43
341	Optimal threshold value for left ventricular hypertrophy in blacks: the Atherosclerosis Risk in Communities study. <i>Hypertension</i> , 2005 , 45, 58-63	8.5	43
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