Bruce M Psaty

List of Publications by Year in Descending Order

437 papers	40,956 citations	93 h-index	196 g-index
482 ext. papers	53,821 ext. citations	13 avg, IF	6.17 L-index

#	Paper	IF	Citations
437	Genetic determinants of telomere length from 109,122 ancestrally diverse whole-genome sequences in TOPMed.. *Cell Genomics*, **2022**, 2, 100084-100084		1
436	Rare coding variants in RCN3 are associated with blood pressure.. *BMC Genomics*, **2022**, 23, 148	4.5	
435	Intake and Sources of Dietary Fiber, Inflammation, and Cardiovascular Disease in Older US Adults.. *JAMA Network Open*, **2022**, 5, e225012	10.4	0
434	Assessing the contribution of rare variants to complex trait heritability from whole-genome sequence data.. *Nature Genetics*, **2022**,	36.3	6
433	Mendelian randomization supports bidirectional causality between telomere length and clonal hematopoiesis of indeterminate potential.. *Science Advances*, **2022**, 8, eabl6579	14.3	3
432	New insights into the genetic etiology of Alzheimer's disease and related dementias.. *Nature Genetics*, **2022**,	36.3	27
431	Multi-ancestry genetic study of type 2 diabetes highlights the power of diverse populations for discovery and translation.. *Nature Genetics*, **2022**,	36.3	7
430	DNA methylation signature of chronic low-grade inflammation and its role in cardio-respiratory diseases.. *Nature Communications*, **2022**, 13, 2408	17.4	1
429	The Value of Rare Genetic Variation in the Prediction of Common Obesity in European Ancestry Populations.. *Frontiers in Endocrinology*, **2022**, 13, 863893	5.7	
428	Differential and shared genetic effects on kidney function between diabetic and non-diabetic individuals. *Communications Biology*, **2022**, 5,	6.7	1
427	Gene-educational attainment interactions in a multi-ancestry genome-wide meta-analysis identify novel blood pressure loci. *Molecular Psychiatry*, **2021**, 26, 2111-2125	15.1	3
426	The Pharmacogenetics of Statin Therapy on Clinical Events: No Evidence that Genetic Variation Affects Statin Response on Myocardial Infarction.. *Frontiers in Pharmacology*, **2021**, 12, 679857	5.6	1
425	Association of low-frequency and rare coding variants with information processing speed. *Translational Psychiatry*, **2021**, 11, 613	8.6	0
424	The power of genetic diversity in genome-wide association studies of lipids. *Nature*, **2021**,	50.4	24
423	Identification of Functional Genetic Determinants of Cardiac Troponin T and I in a Multiethnic Population and Causal Associations With Atrial Fibrillation. *Circulation Genomic and Precision Medicine*, **2021**, CIRCGEN121003460	5.2	0
422	Clonal Hematopoiesis Is Associated With Higher Risk of Stroke. *Stroke*, **2021**, STROKEAHA121037388	6.7	7
421	Whole-Genome Sequencing Association Analyses of Stroke and Its Subtypes in Ancestrally Diverse Populations From Trans-Omics for Precision Medicine Project. *Stroke*, **2021**, STROKEAHA120031792	6.7	2

420	Obesity Partially Mediates the Diabetogenic Effect of Lowering LDL Cholesterol. *Diabetes Care*, **2021**,	14.6	4
419	Clonal Hematopoiesis is Associated with Reduced Risk of Alzheimer's Disease. *Blood*, **2021**, 138, 5-5	2.2	1
418	Association of mitochondrial DNA copy number with cardiometabolic diseases.. *Cell Genomics*, **2021**, 1,		1
417	Response to "ACE-2 Downregulation and Incidence of Severe Acute Respiratory Syndrome-Coronavirus-2 (SARS-CoV-2) Infection". *American Journal of Hypertension*, **2021**, 34, 427	2.3	
416	A cohort study and meta-analysis of isolated diastolic hypertension: searching for a threshold to guide treatment. *European Heart Journal*, **2021**, 42, 2119-2129	9.5	7
415	Multi-ancestry genome-wide gene-sleep interactions identify novel loci for blood pressure. *Molecular Psychiatry*, **2021**,	15.1	3
414	Discovery and fine-mapping of height loci via high-density imputation of GWASs in individuals of African ancestry. *American Journal of Human Genetics*, **2021**, 108, 564-582	11	7
413	Chromosome Xq23 is associated with lower atherogenic lipid concentrations and favorable cardiometabolic indices. *Nature Communications*, **2021**, 12, 2182	17.4	5
412	Plasma epoxyeicosatrienoic acids and dihydroxyeicosatrieonic acids, insulin, glucose and risk of diabetes: The strong heart study. *EBioMedicine*, **2021**, 66, 103279	8.8	1
411	Blood n-3 fatty acid levels and total and cause-specific mortality from 17 prospective studies. *Nature Communications*, **2021**, 12, 2329	17.4	33
410	The Multi-Ethnic Study of Atherosclerosis individual response to vitamin D trial: Building a randomized clinical trial into an observational cohort study. *Contemporary Clinical Trials*, **2021**, 103, 106318	2.3	0
409	Silent Myocardial Infarction and Subsequent Ischemic Stroke in the Cardiovascular Health Study. *Neurology*, **2021**, 97, e436-e443	6.5	1
408	Whole-genome sequencing association analysis of quantitative red blood cell phenotypes: The NHLBI TOPMed program. *American Journal of Human Genetics*, **2021**, 108, 874-893	11	5
407	FGL1 as a modulator of plasma D-dimer levels: Exome-wide marker analysis of plasma tPA, PAI-1, and D-dimer. *Journal of Thrombosis and Haemostasis*, **2021**, 19, 2019-2028	15.4	1
406	Nonclassical Monocytes (CD14dimCD16+) Are Associated With Carotid Intima-Media Thickness Progression for Men but Not Women: The Multi-Ethnic Study of Atherosclerosis-Brief Report. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2021**, 41, 1810-1817	9.4	2
405	Association Between Myocardial Strain and Frailty in CHS. *Circulation: Cardiovascular Imaging*, **2021**, 14, e012116	3.9	1
404	The trans-ancestral genomic architecture of glycemic traits. *Nature Genetics*, **2021**, 53, 840-860	36.3	44
403	Variant-specific inflation factors for assessing population stratification at the phenotypic variance level. *Nature Communications*, **2021**, 12, 3506	17.4	

402	A multi-ethnic epigenome-wide association study of leukocyte DNA methylation and blood lipids. *Nature Communications*, **2021**, 12, 3987	17.4	3
401	Cumulative burden of clinically significant aortic stenosis in community-dwelling older adults. *Heart* , **2021**, 107, 1493-1502	5.1	3
400	Determinants of penetrance and variable expressivity in monogenic metabolic conditions across 77,184 exomes. *Nature Communications*, **2021**, 12, 3505	17.4	5
399	Comparison of the Relation of Carotid Intima-Media Thickness With Incident Heart Failure With Reduced Versus Preserved Ejection Fraction (from the Multi-Ethnic Study of Atherosclerosis [MESA]). *American Journal of Cardiology*, **2021**, 148, 102-109	3	0
398	Meta-analysis of epigenome-wide association studies of carotid intima-media thickness. *European Journal of Epidemiology*, **2021**, 36, 1143-1155	12.1	4
397	Longitudinal Measures of Blood Pressure and Subclinical Atrial Arrhythmias: The MESA and the ARIC Study. *Journal of the American Heart Association*, **2021**, 10, e020260	6	1
396	is mutated in clonal hematopoiesis and myelodysplastic syndromes and impacts RNA splicing. *Blood Cancer Discovery*, **2021**, 2, 500-517	7	0
395	Association of neighborhood physical activity opportunities with incident cardiovascular disease in the Cardiovascular Health Study. *Health and Place*, **2021**, 70, 102596	4.6	0
394	Level and Change in N-Terminal Pro-B-Type Natriuretic Peptide and Kidney Function and Survival to Age 90. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2021**, 76, 478-484	6.4	1
393	Renin-Angiotensin-Aldosterone System Inhibitors and COVID-19 Infection or Hospitalization: A Cohort Study. *American Journal of Hypertension*, **2021**, 34, 339-347	2.3	18
392	Meta-analysis uncovers genome-wide significant variants for rapid kidney function decline. *Kidney International*, **2021**, 99, 926-939	9.9	6
391	Whole genome sequence analyses of eGFR in 23,732 people representing multiple ancestries in the NHLBI trans-omics for precision medicine (TOPMed) consortium. *EBioMedicine*, **2021**, 63, 103157	8.8	3
390	Genome-wide meta-analysis of muscle weakness identifies 15 susceptibility loci in older men and women. *Nature Communications*, **2021**, 12, 654	17.4	10
389	Mendelian randomization for studying the effects of perturbing drug targets. *Wellcome Open Research*, **2021**, 6, 16	4.8	15
388	Genome-wide association study of circulating interleukin 6 levels identifies novel loci. *Human Molecular Genetics*, **2021**, 30, 393-409	5.6	6
387	Sequencing of 53,831 diverse genomes from the NHLBI TOPMed Program. *Nature*, **2021**, 590, 290-299	50.4	268
386	Mendelian randomization for studying the effects of perturbing drug targets. *Wellcome Open Research*, **2021**, 6, 16	4.8	11
385	Supplemental Association of Clonal Hematopoiesis With Incident Heart Failure. *Journal of the American College of Cardiology*, **2021**, 78, 42-52	15.1	16

384	BinomiRare: A robust test for association of a rare genetic variant with a binary outcome for mixed models and any case-control proportion. *Human Genetics and Genomics Advances*, **2021**, 2,	0.8	1
383	Rare Coding Variants Associated With Electrocardiographic Intervals Identify Monogenic Arrhythmia Susceptibility Genes: A Multi-Ancestry Analysis. *Circulation Genomic and Precision Medicine*, **2021**, 14, e003300	5.2	0
382	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. *PLoS ONE*, **2021**, 16, e0253611	3.7	1
381	Adverse Cardiovascular Outcomes and Antihypertensive Treatment: A Genome-Wide Interaction Meta-Analysis in the International Consortium for Antihypertensive Pharmacogenomics Studies. *Clinical Pharmacology and Therapeutics*, **2021**, 110, 723-732	6.1	2
380	Sugar-Sweetened Beverage Consumption May Modify Associations Between Genetic Variants in the CHREBP (Carbohydrate Responsive Element Binding Protein) Locus and HDL-C (High-Density Lipoprotein Cholesterol) and Triglyceride Concentrations. *Circulation Genomic and Precision Medicine*, **2021**, 14, e003288	5.2	1
379	Association of Trimethylamine N-Oxide and Related Metabolites in Plasma and Incident Type 2 Diabetes: The Cardiovascular Health Study. *JAMA Network Open*, **2021**, 4, e2122844	10.4	8
378	Multiethnic Genome-Wide Association Study of Subclinical Atherosclerosis in Individuals With Type 2 Diabetes. *Circulation Genomic and Precision Medicine*, **2021**, 14, e003258	5.2	0
377	Genetic insights into biological mechanisms governing human ovarian ageing. *Nature*, **2021**, 596, 393-397	50.4	28
376	Premature ventricular complexes and development of heart failure in a community-based population. *Heart*, **2021**,	5.1	1
375	Longitudinal Plasma Measures of Trimethylamine N-Oxide and Risk of Atherosclerotic Cardiovascular Disease Events in Community-Based Older Adults. *Journal of the American Heart Association*, **2021**, 10, e020646	6	8
374	The genomics of heart failure: design and rationale of the HERMES consortium. *ESC Heart Failure*, **2021**,	3.7	1
373	Whole-genome sequencing in diverse subjects identifies genetic correlates of leukocyte traits: The NHLBI TOPMed program. *American Journal of Human Genetics*, **2021**, 108, 1836-1851	11	1
372	Rare and low-frequency exonic variants and gene-by-smoking interactions in pulmonary function. *Scientific Reports*, **2021**, 11, 19365	4.9	0
371	Circulating Ceramides and Sphingomyelins and Risk of Mortality: The Cardiovascular Health Study. *Clinical Chemistry*, **2021**, 67, 1650-1659	5.5	3
370	Large-scale cis- and trans-eQTL analyses identify thousands of genetic loci and polygenic scores that regulate blood gene expression. *Nature Genetics*, **2021**, 53, 1300-1310	36.3	60
369	Natural killer cells, gamma delta T cells and classical monocytes are associated with systolic blood pressure in the multi-ethnic study of atherosclerosis (MESA). *BMC Cardiovascular Disorders*, **2021**, 21, 45	2.3	7
368	Epigenome-wide association study of serum urate reveals insights into urate co-regulation and the SLC2A9 locus. *Nature Communications*, **2021**, 12, 7173	17.4	1
367	Meta-analyses identify DNA methylation associated with kidney function and damage. *Nature Communications*, **2021**, 12, 7174	17.4	0

366	Whole genome sequence association analyses of brain volumes in the TOPMed program. *Alzheimeris and Dementia*, **2020**, 16, e040627	1.2	
365	Cerebral small vessel disease genomics and its implications across the lifespan. *Nature Communications*, **2020**, 11, 6285	17.4	22
364	Mendelian randomization analysis does not support causal associations of birth weight with hypertension risk and blood pressure in adulthood. *European Journal of Epidemiology*, **2020**, 35, 685-697	12.1	2
363	Role of Coronary Artery and Thoracic Aortic Calcium as Risk Modifiers to Guide Antihypertensive Therapy in Stage 1 Hypertension (From the Multiethnic Study of Atherosclerosis). *American Journal of Cardiology*, **2020**, 126, 45-55	3	4
362	Multi-ancestry GWAS of the electrocardiographic PR interval identifies 202 loci underlying cardiac conduction. *Nature Communications*, **2020**, 11, 2542	17.4	16
361	Opioid, gabapentinoid, and nonsteroidal anti-inflammatory medication use and the risks of atrial fibrillation and supraventricular ectopy in the Multi-Ethnic Study of Atherosclerosis. *Pharmacoepidemiology and Drug Safety*, **2020**, 29, 1175-1182	2.6	
360	Role of Rare and Low-Frequency Variants in Gene-Alcohol Interactions on Plasma Lipid Levels. *Circulation Genomic and Precision Medicine*, **2020**, 13, e002772	5.2	8
359	Common Genetic Variation Indicates Separate Causes for Periventricular and Deep White Matter Hyperintensities. *Stroke*, **2020**, 51, 2111-2121	6.7	23
358	Association of Normal Systolic Blood Pressure Level With Cardiovascular Disease in the Absence of Risk Factors. *JAMA Cardiology*, **2020**, 5, 1011-1018	16.2	51
357	Incorporating sampling weights into robust estimation of Cox proportional hazards regression model, with illustration in the Multi-Ethnic Study of Atherosclerosis. *BMC Medical Research Methodology*, **2020**, 20, 62	4.7	2
356	Innate and adaptive immune cell subsets as risk factors for coronary heart disease in two population-based cohorts. *Atherosclerosis*, **2020**, 300, 47-53	3.1	10
355	Soluble CD14 and Risk of Heart Failure and Its Subtypes in Older Adults. *Journal of Cardiac Failure*, **2020**, 26, 410-419	3.3	3
354	When Can Intermediate Outcomes Be Used as Surrogate Outcomes?. *JAMA - Journal of the American Medical Association*, **2020**, 323, 1184-1185	27.4	11
353	Differences by Race/Ethnicity in the Prevalence of Clinically Detected and Monitor-Detected Atrial Fibrillation: MESA. *Circulation: Arrhythmia and Electrophysiology*, **2020**, 13, e007698	6.4	21
352	Associations of Innate and Adaptive Immune Cell Subsets With Incident Type 2 Diabetes Risk: The MESA Study. *Journal of Clinical Endocrinology and Metabolism*, **2020**, 105,	5.6	3
351	Patterns of Cardiovascular Risk Factors in Old Age and Survival and Health Status at 90. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2020**, 75, 2207-2214	6.4	3
350	Characterization of cardiac mechanics and incident atrial fibrillation in participants of the Cardiovascular Health Study. *JCI Insight*, **2020**, 5,	9.9	16
349	Genetic loci associated with prevalent and incident myocardial infarction and coronary heart disease in the Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE) Consortium. *PLoS ONE*, **2020**, 15, e0230035	3.7	4

348	Coagulation factor VIII, white matter hyperintensities and cognitive function: Results from the Cardiovascular Health Study. *PLoS ONE*, **2020**, 15, e0242062	3.7	1
347	Genome-wide association and Mendelian randomisation analysis provide insights into the pathogenesis of heart failure. *Nature Communications*, **2020**, 11, 163	17.4	140
346	Cholesterol Variability and Cranial Magnetic Resonance Imaging Findings in Older Adults: The Cardiovascular Health Study. *Stroke*, **2020**, 51, 69-74	6.7	1
345	Statin-induced LDL cholesterol response and type 2 diabetes: a bidirectional two-sample Mendelian randomization study. *Pharmacogenomics Journal*, **2020**, 20, 462-470	3.5	7
344	Impact of Race on the Association of Mineral Metabolism With Heart Failure: the Multi-Ethnic Study of Atherosclerosis. *Journal of Clinical Endocrinology and Metabolism*, **2020**, 105,	5.6	3
343	Association of CD14 with incident dementia and markers of brain aging and injury. *Neurology*, **2020**, 94, e254-e266	6.5	10
342	Whole genome sequence analysis of pulmonary function and COPD in 19,996 multi-ethnic participants. *Nature Communications*, **2020**, 11, 5182	17.4	6
341	Genetic correlations and genome-wide associations of cortical structure in general population samples of 22,824 adults. *Nature Communications*, **2020**, 11, 4796	17.4	16
340	The Polygenic and Monogenic Basis of Blood Traits and Diseases. *Cell*, **2020**, 182, 1214-1231.e11	56.2	96
339	Inherited causes of clonal haematopoiesis in 97,691 whole genomes. *Nature*, **2020**, 586, 763-768	50.4	127
338	Relation of Biomarkers of Cardiac Injury, Stress, and Fibrosis With Cardiac Mechanics in Patients 65 Years of Age. *American Journal of Cardiology*, **2020**, 136, 156-163	3	2
337	Discovery of rare variants associated with blood pressure regulation through meta-analysis of 1.3 million individuals. *Nature Genetics*, **2020**, 52, 1314-1332	36.3	26
336	Genome-Wide Association Study Meta-Analysis of Stroke in 22 000 Individuals of African Descent Identifies Novel Associations With Stroke. *Stroke*, **2020**, 51, 2454-2463	6.7	7
335	Chronic obstructive pulmonary disease and related phenotypes: polygenic risk scores in population-based and case-control cohorts. *Lancet Respiratory Medicine,the*, **2020**, 8, 696-708	35.1	29
334	Race, Ancestry, and Vitamin D Metabolism: The Multi-Ethnic Study of Atherosclerosis. *Journal of Clinical Endocrinology and Metabolism*, **2020**, 105,	5.6	8
333	Sex-Specific Associations of Cardiovascular Risk Factors and Biomarkers With Incident Heart Failure. *Journal of the American College of Cardiology*, **2020**, 76, 1455-1465	15.1	15
332	Trans-ethnic and Ancestry-Specific Blood-Cell Genetics in 746,667 Individuals from 5 Global Populations. *Cell*, **2020**, 182, 1198-1213.e14	56.2	88
331	Genetic Studies of Leptin Concentrations Implicate Leptin in the Regulation of Early Adiposity. *Diabetes*, **2020**, 69, 2806-2818	0.9	10

330	Genetic Determinants of Electrocardiographic P-Wave Duration and Relation to Atrial Fibrillation. *Circulation Genomic and Precision Medicine*, **2020**, 13, 387-395	5.2	4
329	Dynamic incorporation of multiple in silico functional annotations empowers rare variant association analysis of large whole-genome sequencing studies at scale. *Nature Genetics*, **2020**, 52, 969-983	36.3	33
328	Predictive Accuracy of a Polygenic Risk Score Compared With a Clinical Risk Score for Incident Coronary Heart Disease. *JAMA - Journal of the American Medical Association*, **2020**, 323, 627-635	27.4	117
327	Genome-wide association meta-analyses and fine-mapping elucidate pathways influencing albuminuria. *Nature Communications*, **2019**, 10, 4130	17.4	43
326	Association of Birth Weight With Type 2 Diabetes and Glycemic Traits: A Mendelian Randomization Study. *JAMA Network Open*, **2019**, 2, e1910915	10.4	14
325	Target genes, variants, tissues and transcriptional pathways influencing human serum urate levels. *Nature Genetics*, **2019**, 51, 1459-1474	36.3	122
324	Impact of Rare and Common Genetic Variants on Diabetes Diagnosis by Hemoglobin A1c in Multi-Ancestry Cohorts: The Trans-Omics for Precision Medicine Program. *American Journal of Human Genetics*, **2019**, 105, 706-718	11	22
323	Genome-Wide Association Study of Apparent Treatment-Resistant Hypertension in the CHARGE Consortium: The CHARGE Pharmacogenetics Working Group. *American Journal of Hypertension*, **2019**, 32, 1146-1153	2.3	2
322	A large-scale exome array analysis of venous thromboembolism. *Genetic Epidemiology*, **2019**, 43, 449-457	2.6	11
321	Precision Medicine vs Preventive Medicine-Reply. *JAMA - Journal of the American Medical Association*, **2019**, 321, 406-407	27.4	
320	Multiancestry Genome-Wide Association Study of Lipid Levels Incorporating Gene-Alcohol Interactions. *American Journal of Epidemiology*, **2019**, 188, 1033-1054	3.8	39
319	Assessment of the Relationship Between Genetic Determinants of Thyroid Function and Atrial Fibrillation: A Mendelian Randomization Study. *JAMA Cardiology*, **2019**, 4, 144-152	16.2	36
318	Multi-ancestry study of blood lipid levels identifies four loci interacting with physical activity. *Nature Communications*, **2019**, 10, 376	17.4	41
317	Leveraging linkage evidence to identify low-frequency and rare variants on 16p13 associated with blood pressure using TOPMed whole genome sequencing data. *Human Genetics*, **2019**, 138, 199-210	6.3	14
316	Genomewide Association Study of Statin-Induced Myopathy in Patients Recruited Using the UK Clinical Practice Research Datalink. *Clinical Pharmacology and Therapeutics*, **2019**, 106, 1353-1361	6.1	28
315	Cardiovascular Safety Trials of Antidiabetic Therapies to Treat Type 2 Diabetes: Perhaps Asking the Wrong Question?. *American Journal of Hypertension*, **2019**, 32, 927-929	2.3	
314	A catalog of genetic loci associated with kidney function from analyses of a million individuals. *Nature Genetics*, **2019**, 51, 957-972	36.3	217
313	Innovation in Genomic Data Sharing at the NIH. *New England Journal of Medicine*, **2019**, 380, 2192-2195	59.2	2

312	Genome-wide association study of breakfast skipping links clock regulation with food timing. *American Journal of Clinical Nutrition*, **2019**, 110, 473-484	7	22
311	Mendelian randomization evaluation of causal effects of fibrinogen on incident coronary heart disease. *PLoS ONE*, **2019**, 14, e0216222	3.7	11
310	NT -pro BNP as a Mediator of the Racial Difference in Incident Atrial Fibrillation and Heart Failure. *Journal of the American Heart Association*, **2019**, 8, e010868	6	12
309	Association of variants in HTRA1 and NOTCH3 with MRI-defined extremes of cerebral small vessel disease in older subjects. *Brain*, **2019**, 142, 1009-1023	11.2	21
308	Biomarkers of Dietary Omega-6 Fatty Acids and Incident Cardiovascular Disease and Mortality. *Circulation*, **2019**, 139, 2422-2436	16.7	118
307	A multi-ancestry genome-wide study incorporating gene-smoking interactions identifies multiple new loci for pulse pressure and mean arterial pressure. *Human Molecular Genetics*, **2019**, 28, 2615-2633	5.6	14
306	Multi-ancestry genome-wide gene-smoking interaction study of 387,272 individuals identifies new loci associated with serum lipids. *Nature Genetics*, **2019**, 51, 636-648	36.3	59
305	Genome-wide meta-analysis of SNP-by9-ACEI/ARB and SNP-by-thiazide diuretic and effect on serum potassium in cohorts of European and African ancestry. *Pharmacogenomics Journal*, **2019**, 19, 97-108	3.5	3
304	Plasma Ceramides and Sphingomyelins in Relation to Heart Failure Risk. *Circulation: Heart Failure*, **2019**, 12, e005708	7.6	46
303	A genome-wide association study identifies genetic loci associated with specific lobar brain volumes. *Communications Biology*, **2019**, 2, 285	6.7	14
302	Blood Leukocyte DNA Methylation Predicts Risk of Future Myocardial Infarction and Coronary Heart Disease. *Circulation*, **2019**, 140, 645-657	16.7	65
301	Genome-wide meta-analysis of SNP and antihypertensive medication interactions on left ventricular traits in African Americans. *Molecular Genetics & Genomic Medicine*, **2019**, 7, e00788	2.3	3
300	A meta-analysis of genome-wide association studies identifies multiple longevity genes. *Nature Communications*, **2019**, 10, 3669	17.4	102
299	New alcohol-related genes suggest shared genetic mechanisms with neuropsychiatric disorders. *Nature Human Behaviour*, **2019**, 3, 950-961	12.8	32
298	The impact of APOE genotype on survival: Results of 38,537 participants from six population-based cohorts (E2-CHARGE). *PLoS ONE*, **2019**, 14, e0219668	3.7	31
297	Pharmacogenomics of statin-related myopathy: Meta-analysis of rare variants from whole-exome sequencing. *PLoS ONE*, **2019**, 14, e0218115	3.7	12
296	Disentangling the genetics of lean mass. *American Journal of Clinical Nutrition*, **2019**, 109, 276-287	7	24
295	Associations of autozygosity with a broad range of human phenotypes. *Nature Communications*, **2019**, 10, 4957	17.4	40

294	Multi-ancestry sleep-by-SNP interaction analysis in 126,926 individuals reveals lipid loci stratified by sleep duration. *Nature Communications*, **2019**, 10, 5121	17.4	31
293	Sequencing Analysis at 8p23 Identifies Multiple Rare Variants in DLC1 Associated with Sleep-Related Oxyhemoglobin Saturation Level. *American Journal of Human Genetics*, **2019**, 105, 1057-1068	11	4
292	Genetic meta-analysis of diagnosed Alzheimer's disease identifies new risk loci and implicates Aβ, tau, immunity and lipid processing. *Nature Genetics*, **2019**, 51, 414-430	36.3	917
291	Common Genetic Variation in Relation to Brachial Vascular Dimensions and Flow-Mediated Vasodilation. *Circulation Genomic and Precision Medicine*, **2019**, 12, e002409	5.2	2
290	Serial Plasma Phospholipid Fatty Acids in the De Novo Lipogenesis Pathway and Total Mortality, Cause-Specific Mortality, and Cardiovascular Diseases in the Cardiovascular Health Study. *Journal of the American Heart Association*, **2019**, 8, e012881	6	11
289	The role of functional status on the relationship between blood pressure and cognitive decline: the Cardiovascular Health Study. *Journal of Hypertension*, **2019**, 37, 1790-1796	1.9	4
288	Genetic architecture of subcortical brain structures in 38,851 individuals. *Nature Genetics*, **2019**, 51, 1624-1636	36.3	81
287	Trans-ethnic association study of blood pressure determinants in over 750,000 individuals. *Nature Genetics*, **2019**, 51, 51-62	36.3	152
286	Trajectories of Nonagenarian Health: Sex, Age, and Period Effects. *American Journal of Epidemiology*, **2019**, 188, 382-388	3.8	4
285	Genome-Wide Association Transethnic Meta-Analyses Identifies Novel Associations Regulating Coagulation Factor VIII and von Willebrand Factor Plasma Levels. *Circulation*, **2019**, 139, 620-635	16.7	51
284	Racial/ethnic heterogeneity in associations of blood pressure and incident cardiovascular disease by functional status in a prospective cohort: the Multi-Ethnic Study of Atherosclerosis. *BMJ Open*, **2018**, 8, e017746	3	1
283	Analysis of predicted loss-of-function variants in UK Biobank identifies variants protective for disease. *Nature Communications*, **2018**, 9, 1613	17.4	55
282	Genome-wide association study and meta-analysis identify loci associated with ventricular and supraventricular ectopy. *Scientific Reports*, **2018**, 8, 5675	4.9	1
281	Refining the accuracy of validated target identification through coding variant fine-mapping in type 2 diabetes. *Nature Genetics*, **2018**, 50, 559-571	36.3	221
280	Transethnic Evaluation Identifies Low-Frequency Loci Associated With 25-Hydroxyvitamin D Concentrations. *Journal of Clinical Endocrinology and Metabolism*, **2018**, 103, 1380-1392	5.6	18
279	Risk thresholds for alcohol consumption: combined analysis of individual-participant data for 599 912 current drinkers in 83 prospective studies. *Lancet, The*, **2018**, 391, 1513-1523	40	530
278	New statin use and left ventricular structure: Estimating long-term associations in the Multi-Ethnic Study of Atherosclerosis (MESA). *Pharmacoepidemiology and Drug Safety*, **2018**, 27, 570-580	2.6	3
277	Association of Cardiovascular Biomarkers With Incident Heart Failure With Preserved and Reduced Ejection Fraction. *JAMA Cardiology*, **2018**, 3, 215-224	16.2	115

276	Life-Course Genome-wide Association Study Meta-analysis of Total Body BMD and Assessment of Age-Specific Effects. *American Journal of Human Genetics*, **2018**, 102, 88-102	11	119
275	Comparing methods to address bias in observational data: statin use and cardiovascular events in a US cohort. *International Journal of Epidemiology*, **2018**, 47, 246-254	7.8	5
274	Sugar-sweetened beverage intake associations with fasting glucose and insulin concentrations are not modified by selected genetic variants in a ChREBP-FGF21 pathway: a meta-analysis. *Diabetologia*, **2018**, 61, 317-330	10.3	17
273	Soluble Inflammatory Markers and Risk of Incident Fractures in Older Adults: The Cardiovascular Health Study. *Journal of Bone and Mineral Research*, **2018**, 33, 221-228	6.3	10
272	Genome-Wide Interactions with Dairy Intake for Body Mass Index in Adults of European Descent. *Molecular Nutrition and Food Research*, **2018**, 62, 1700347	5.9	5
271	PR interval genome-wide association meta-analysis identifies 50 loci associated with atrial and atrioventricular electrical activity. *Nature Communications*, **2018**, 9, 2904	17.4	39
270	Comparison of 2 Treatment Models: Precision Medicine and Preventive Medicine. *JAMA - Journal of the American Medical Association*, **2018**, 320, 751-752	27.4	36
269	Exome-chip meta-analysis identifies novel loci associated with cardiac conduction, including ADAMTS6. *Genome Biology*, **2018**, 19, 87	18.3	25
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19	Correlates and prevalence of benzodiazepine use in community-dwelling elderly. *Journal of General Internal Medicine*, **1998**, 13, 243-50	4	89
18	Family history as a risk factor for primary cardiac arrest. *Circulation*, **1998**, 97, 155-60	16.7	252
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2	The Polygenic and Monogenic Basis of Blood Traits and Diseases		3
1	Unraveling the polygenic architecture of complex traits using blood eQTL metaanalysis		175