

# James S Pankow

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/993772/james-s-pankow-publications-by-citations.pdf>

**Version:** 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

178  
papers

12,030  
citations

45  
h-index

108  
g-index

192  
ext. papers

15,016  
ext. citations

8  
avg, IF

5.17  
L-index

#	Paper	IF	Citations
178	New genetic loci implicated in fasting glucose homeostasis and their impact on type 2 diabetes risk. <i>Nature Genetics</i> , <b>2010</b> , 42, 105-16	36.3	1673
177	Genome-wide trans-ancestry meta-analysis provides insight into the genetic architecture of type 2 diabetes susceptibility. <i>Nature Genetics</i> , <b>2014</b> , 46, 234-44	36.3	784
176	Fine-mapping type 2 diabetes loci to single-variant resolution using high-density imputation and islet-specific epigenome maps. <i>Nature Genetics</i> , <b>2018</b> , 50, 1505-1513	36.3	675
175	Large-scale association analyses identify new loci influencing glycemic traits and provide insight into the underlying biological pathways. <i>Nature Genetics</i> , <b>2012</b> , 44, 991-1005	36.3	621
174	A genome-wide approach accounting for body mass index identifies genetic variants influencing fasting glycemic traits and insulin resistance. <i>Nature Genetics</i> , <b>2012</b> , 44, 659-69	36.3	615
173	DNA methylation-based measures of biological age: meta-analysis predicting time to death. <i>Aging</i> , <b>2016</b> , 8, 1844-1865	5.6	531
172	An Expanded Genome-Wide Association Study of Type 2 Diabetes in Europeans. <i>Diabetes</i> , <b>2017</b> , 66, 2888-2902	29.0	414
171	Novel loci for adiponectin levels and their influence on type 2 diabetes and metabolic traits: a multi-ethnic meta-analysis of 45,891 individuals. <i>PLoS Genetics</i> , <b>2012</b> , 8, e1002607	6	326
170	Common variants at 10 genomic loci influence hemoglobin A1c levels via glycemic and nonglycemic pathways. <i>Diabetes</i> , <b>2010</b> , 59, 3229-39	0.9	314
169	Genetic fine mapping and genomic annotation defines causal mechanisms at type 2 diabetes susceptibility loci. <i>Nature Genetics</i> , <b>2015</b> , 47, 1415-25	36.3	292
168	Novel associations of multiple genetic loci with plasma levels of factor VII, factor VIII, and von Willebrand factor: The CHARGE (Cohorts for Heart and Aging Research in Genome Epidemiology) Consortium. <i>Circulation</i> , <b>2010</b> , 121, 1382-92	16.7	260
167	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> , <b>2014</b> , 94, 223-32	11	233
166	Impact of common genetic determinants of Hemoglobin A1c on type 2 diabetes risk and diagnosis in ancestrally diverse populations: A transethnic genome-wide meta-analysis. <i>PLoS Medicine</i> , <b>2017</b> , 14, e1002383	11.6	223
165	Refining the accuracy of validated target identification through coding variant fine-mapping in type 2 diabetes. <i>Nature Genetics</i> , <b>2018</b> , 50, 559-571	36.3	221
164	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> , <b>2015</b> , 11, e1005378	6	220
163	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> , <b>2015</b> , 24, 4464-79	5.6	219
162	DNA methylation signatures of chronic low-grade inflammation are associated with complex diseases. <i>Genome Biology</i> , <b>2016</b> , 17, 255	18.3	171

161	Relation between dietary linolenic acid and coronary artery disease in the National Heart, Lung, and Blood Institute Family Heart Study. <i>American Journal of Clinical Nutrition</i> , <b>2001</b> , 74, 612-9	7	165
160	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> , <b>2017</b> , 14, e1002215	11.6	162
159	Meta-analysis of genome-wide association studies in African Americans provides insights into the genetic architecture of type 2 diabetes. <i>PLoS Genetics</i> , <b>2014</b> , 10, e1004517	6	151
158	Low-frequency and rare exome chip variants associate with fasting glucose and type 2 diabetes susceptibility. <i>Nature Communications</i> , <b>2015</b> , 6, 5897	17.4	147
157	Gene-centric meta-analysis in 87,736 individuals of European ancestry identifies multiple blood-pressure-related loci. <i>American Journal of Human Genetics</i> , <b>2014</b> , 94, 349-60	11	131
156	Epigenome-wide study identifies novel methylation loci associated with body mass index and waist circumference. <i>Obesity</i> , <b>2015</b> , 23, 1493-501	8	122
155	Directional dominance on stature and cognition in diverse human populations. <i>Nature</i> , <b>2015</b> , 523, 459-463	50.4	119
154	Comparative prognostic performance of definitions of prediabetes: a prospective cohort analysis of the Atherosclerosis Risk in Communities (ARIC) study. <i>Lancet Diabetes and Endocrinology</i> , <b>2017</b> , 5, 34-42	18.1	114
153	Fasting plasma free fatty acids and risk of type 2 diabetes: the atherosclerosis risk in communities study. <i>Diabetes Care</i> , <b>2004</b> , 27, 77-82	14.6	113
152	Epigenome-wide association studies identify DNA methylation associated with kidney function. <i>Nature Communications</i> , <b>2017</b> , 8, 1286	17.4	92
151	Fibroblast growth factor-23 and incident coronary heart disease, heart failure, and cardiovascular mortality: the Atherosclerosis Risk in Communities study. <i>Journal of the American Heart Association</i> , <b>2014</b> , 3, e000936	6	88
150	Obstructive sleep apnea and incident type 2 diabetes. <i>Sleep Medicine</i> , <b>2016</b> , 25, 156-161	4.6	86
149	Pleiotropic genes for metabolic syndrome and inflammation. <i>Molecular Genetics and Metabolism</i> , <b>2014</b> , 112, 317-38	3.7	81
148	A genome-wide association study for venous thromboembolism: the extended cohorts for heart and aging research in genomic epidemiology (CHARGE) consortium. <i>Genetic Epidemiology</i> , <b>2013</b> , 37, 512-521	2.6	80
147	A genomic approach to therapeutic target validation identifies a glucose-lowering GLP1R variant protective for coronary heart disease. <i>Science Translational Medicine</i> , <b>2016</b> , 8, 341ra76	17.5	77
146	Fructosamine and Glycated Albumin and the Risk of Cardiovascular Outcomes and Death. <i>Circulation</i> , <b>2015</b> , 132, 269-77	16.7	77
145	Genetic associations for activated partial thromboplastin time and prothrombin time, their gene expression profiles, and risk of coronary artery disease. <i>American Journal of Human Genetics</i> , <b>2012</b> , 91, 152-62	11	73
144	Insulin resistance and cardiovascular disease risk factors in children of parents with the insulin resistance (metabolic) syndrome. <i>Diabetes Care</i> , <b>2004</b> , 27, 775-80	14.6	73

143	Six-year change in high-sensitivity C-reactive protein and risk of diabetes, cardiovascular disease, and mortality. <i>American Heart Journal</i> , <b>2015</b> , 170, 380-9	4.9	69
142	Genomic and transcriptomic association studies identify 16 novel susceptibility loci for venous thromboembolism. <i>Blood</i> , <b>2019</b> , 134, 1645-1657	2.2	63
141	Genome-wide association study identifies novel loci for plasma levels of protein C: the ARIC study. <i>Blood</i> , <b>2010</b> , 116, 5032-6	2.2	63
140	Improved survival of stroke patients during the 1980s. The Minnesota Stroke Survey. <i>Stroke</i> , <b>1995</b> , 26, 1-6	6.7	60
139	A Large-Scale Multi-ancestry Genome-wide Study Accounting for Smoking Behavior Identifies Multiple Significant Loci for Blood Pressure. <i>American Journal of Human Genetics</i> , <b>2018</b> , 102, 375-400	11	59
138	Race and Vitamin D Binding Protein Gene Polymorphisms Modify the Association of 25-Hydroxyvitamin D and Incident Heart Failure: The ARIC (Atherosclerosis Risk in Communities) Study. <i>JACC: Heart Failure</i> , <b>2015</b> , 3, 347-356	7.9	53
137	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> , <b>2015</b> , 102, 1266-78	7	51
136	A principal component meta-analysis on multiple anthropometric traits identifies novel loci for body shape. <i>Nature Communications</i> , <b>2016</b> , 7, 13357	17.4	46
135	25-hydroxyvitamin D levels, vitamin D binding protein gene polymorphisms and incident coronary heart disease among whites and blacks: The ARIC study. <i>Atherosclerosis</i> , <b>2015</b> , 241, 12-7	3.1	45
134	Prospective Study of Epigenetic Age Acceleration and Incidence of Cardiovascular Disease Outcomes in the ARIC Study (Atherosclerosis Risk in Communities). <i>Circulation Genomic and Precision Medicine</i> , <b>2018</b> , 11, e001937	5.2	45
133	HFE C282Y homozygotes have reduced low-density lipoprotein cholesterol: the Atherosclerosis Risk in Communities (ARIC) Study. <i>Translational Research</i> , <b>2008</b> , 152, 3-10	11	43
132	Association of 1,5-Anhydroglucitol With Cardiovascular Disease and Mortality. <i>Diabetes</i> , <b>2016</b> , 65, 201-8	0.9	42
131	Consistent directions of effect for established type 2 diabetes risk variants across populations: the population architecture using Genomics and Epidemiology (PAGE) Consortium. <i>Diabetes</i> , <b>2012</b> , 61, 1642-7	0.9	42
130	Hearing treatment for reducing cognitive decline: Design and methods of the Aging and Cognitive Health Evaluation in Elders randomized controlled trial. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , <b>2018</b> , 4, 499-507	6	42
129	Trans-ethnic Meta-analysis and Functional Annotation Illuminates the Genetic Architecture of Fasting Glucose and Insulin. <i>American Journal of Human Genetics</i> , <b>2016</b> , 99, 56-75	11	41
128	Genetics of Type 2 Diabetes in U.S. Hispanic/Latino Individuals: Results From the Hispanic Community Health Study/Study of Latinos (HCHS/SOL). <i>Diabetes</i> , <b>2017</b> , 66, 1419-1425	0.9	40
127	Associations of autozygosity with a broad range of human phenotypes. <i>Nature Communications</i> , <b>2019</b> , 10, 4957	17.4	40
126	Estimation of geographic variation in human papillomavirus vaccine uptake in men and women: an online survey using facebook recruitment. <i>Journal of Medical Internet Research</i> , <b>2014</b> , 16, e198	7.6	37

125	P-selectin and subclinical and clinical atherosclerosis: the Multi-Ethnic Study of Atherosclerosis (MESA). <i>Atherosclerosis</i> , <b>2015</b> , 240, 3-9	3.1	36
124	Parathyroid hormone concentration and risk of cardiovascular diseases: the Atherosclerosis Risk in Communities (ARIC) study. <i>American Heart Journal</i> , <b>2014</b> , 168, 296-302	4.9	36
123	Methylome-wide association study provides evidence of particulate matter air pollution-associated DNA methylation. <i>Environment International</i> , <b>2019</b> , 132, 104723	12.9	35
122	Association of ideal cardiovascular health and calcified atherosclerotic plaque in the coronary arteries: the National Heart, Lung, and Blood Institute Family Heart Study. <i>American Heart Journal</i> , <b>2015</b> , 169, 371-378.e1	4.9	33
121	Further evidence of a quantitative trait locus on chromosome 18 influencing postural change in systolic blood pressure: the Hypertension Genetic Epidemiology Network (HyperGEN) Study. <i>American Journal of Hypertension</i> , <b>2005</b> , 18, 672-8	2.3	32
120	An integrative cross-omics analysis of DNA methylation sites of glucose and insulin homeostasis. <i>Nature Communications</i> , <b>2019</b> , 10, 2581	17.4	31
119	Cerebral white matter hyperintensities on MRI and acceleration of epigenetic aging: the atherosclerosis risk in communities study. <i>Clinical Epigenetics</i> , <b>2017</b> , 9, 21	7.7	31
118	Quantifying the extent to which index event biases influence large genetic association studies. <i>Human Molecular Genetics</i> , <b>2017</b> , 26, 1018-1030	5.6	30
117	Sex-dimorphic genetic effects and novel loci for fasting glucose and insulin variability. <i>Nature Communications</i> , <b>2021</b> , 12, 24	17.4	30
116	Race, vitamin D-binding protein gene polymorphisms, 25-hydroxyvitamin D, and incident diabetes: the Atherosclerosis Risk in Communities (ARIC) Study. <i>American Journal of Clinical Nutrition</i> , <b>2015</b> , 101, 1232-40	7	28
115	USAT: A Unified Score-Based Association Test for Multiple Phenotype-Genotype Analysis. <i>Genetic Epidemiology</i> , <b>2016</b> , 40, 20-34	2.6	28
114	Sequence Kernel Association Test of Multiple Continuous Phenotypes. <i>Genetic Epidemiology</i> , <b>2016</b> , 40, 91-100	2.6	27
113	Evaluation of the relationship between plasma lipids and abdominal aortic aneurysm: A Mendelian randomization study. <i>PLoS ONE</i> , <b>2018</b> , 13, e0195719	3.7	26
112	Risk of Progression to Diabetes Among Older Adults With Prediabetes. <i>JAMA Internal Medicine</i> , <b>2021</b> , 181, 511-519	11.5	24
111	Family History of Coronary Heart Disease and Hemostatic Variables in Middle-Aged Adults. <i>Thrombosis and Haemostasis</i> , <b>1997</b> , 77, 087-093	7	23
110	Genetic variants associated with fasting glucose and insulin concentrations in an ethnically diverse population: results from the Population Architecture using Genomics and Epidemiology (PAGE) study. <i>BMC Medical Genetics</i> , <b>2013</b> , 14, 98	2.1	22
109	Genome-wide association study identifies common loci influencing circulating glycosylated hemoglobin (HbA1c) levels in non-diabetic subjects: the Long Life Family Study (LLFS). <i>Metabolism: Clinical and Experimental</i> , <b>2014</b> , 63, 461-8	12.7	21
108	Stroke rates during the 1980s. The Minnesota Stroke Survey. <i>Stroke</i> , <b>1997</b> , 28, 275-9	6.7	21

107	Hospitalized Infection as a Trigger for Acute Ischemic Stroke: The Atherosclerosis Risk in Communities Study. <i>Stroke</i> , <b>2016</b> , 47, 1612-7	6.7	21
106	ABO blood group associations with markers of endothelial dysfunction in the Multi-Ethnic Study of Atherosclerosis. <i>Atherosclerosis</i> , <b>2016</b> , 251, 422-429	3.1	20
105	Hepatocyte Growth Factor Is Positively Associated With Risk of Stroke: The MESA (Multi-Ethnic Study of Atherosclerosis). <i>Stroke</i> , <b>2016</b> , 47, 2689-2694	6.7	20
104	Familial aggregation and genome-wide linkage analysis of carotid artery plaque: the NHLBI family heart study. <i>Human Heredity</i> , <b>2004</b> , 57, 80-9	1.1	20
103	Genetic Risk Score in Diabetes Associated With Chronic Pancreatitis Versus Type 2 Diabetes Mellitus. <i>Clinical and Translational Gastroenterology</i> , <b>2019</b> , 10, e00057	4.2	20
102	Whole Blood DNA Methylation Signatures of Diet Are Associated With Cardiovascular Disease Risk Factors and All-Cause Mortality. <i>Circulation Genomic and Precision Medicine</i> , <b>2020</b> , 13, e002766	5.2	18
101	Transethnic Evaluation Identifies Low-Frequency Loci Associated With 25-Hydroxyvitamin D Concentrations. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2018</b> , 103, 1380-1392	5.6	18
100	Prospective study of circulating factor XI and incident venous thromboembolism: The Longitudinal Investigation of Thromboembolism Etiology (LITE). <i>American Journal of Hematology</i> , <b>2015</b> , 90, 1047-51	7.1	18
99	Associations between polysomnography and actigraphy-based sleep indices and glycemic control among those with and without type 2 diabetes: the Multi-Ethnic Study of Atherosclerosis. <i>Sleep</i> , <b>2018</b> , 41,	1.1	18
98	Hepatocyte growth factor is associated with progression of atherosclerosis: The Multi-Ethnic Study of Atherosclerosis (MESA). <i>Atherosclerosis</i> , <b>2018</b> , 272, 162-167	3.1	17
97	Sensorineural Impairments, Cardiovascular Risk Factors, and 10-Year Incidence of Cognitive Impairment and Decline in Midlife: The Beaver Dam Offspring Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2019</b> , 74, 1786-1792	6.4	17
96	Genome-wide association study of 1,5-anhydroglucitol identifies novel genetic loci linked to glucose metabolism. <i>Scientific Reports</i> , <b>2017</b> , 7, 2812	4.9	16
95	Statistical methods for association tests of multiple continuous traits in genome-wide association studies. <i>Annals of Human Genetics</i> , <b>2015</b> , 79, 282-93	2.2	16
94	Circulating level of hepatocyte growth factor predicts incidence of type 2 diabetes mellitus: The Multi-Ethnic Study of Atherosclerosis (MESA). <i>Metabolism: Clinical and Experimental</i> , <b>2016</b> , 65, 64-72	12.7	16
93	Transethnic insight into the genetics of glycaemic traits: fine-mapping results from the Population Architecture using Genomics and Epidemiology (PAGE) consortium. <i>Diabetologia</i> , <b>2017</b> , 60, 2384-2398	10.3	16
92	On Efficient and Accurate Calculation of Significance P-Values for Sequence Kernel Association Testing of Variant Set. <i>Annals of Human Genetics</i> , <b>2016</b> , 80, 123-35	2.2	16
91	Diabetes, hyperglycemia, and the burden of functional disability among older adults in a community-based study. <i>Journal of Diabetes</i> , <b>2017</b> , 9, 76-84	3.8	15
90	Human Papillomavirus Infection in Women Who Submit Self-collected Vaginal Swabs After Internet Recruitment. <i>Journal of Community Health</i> , <b>2015</b> , 40, 379-86	4	15



89	Gene-centric approach identifies new and known loci for FVIII activity and VWF antigen levels in European Americans and African Americans. <i>American Journal of Hematology</i> , <b>2015</b> , 90, 534-40	7.1	15
88	Three-year variability in plasma concentrations of the soluble receptor for advanced glycation end products (sRAGE). <i>Clinical Biochemistry</i> , <b>2014</b> , 47, 132-4	3.5	15
87	Periodontal disease and incident dementia: The Atherosclerosis Risk in Communities Study (ARIC). <i>Neurology</i> , <b>2020</b> , 95, e1660-e1671	6.5	15
86	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> , <b>2019</b> , 28, 2615-2633	5.6	14
85	Sequence Kernel Association Analysis of Rare Variant Set Based on the Marginal Regression Model for Binary Traits. <i>Genetic Epidemiology</i> , <b>2015</b> , 39, 399-405	2.6	14
84	Genetics of Plasma Soluble Receptor for Advanced Glycation End-Products and Cardiovascular Outcomes in a Community-based Population: Results from the Atherosclerosis Risk in Communities Study. <i>PLoS ONE</i> , <b>2015</b> , 10, e0128452	3.7	14
83	Genome-wide association studies identify 137 genetic loci for DNA methylation biomarkers of aging. <i>Genome Biology</i> , <b>2021</b> , 22, 194	18.3	14
82	Association of Midlife Hypertension with Late-Life Hearing Loss. <i>Otolaryngology - Head and Neck Surgery</i> , <b>2019</b> , 161, 996-1003	5.5	13
81	Soluble P-selectin predicts lower extremity peripheral artery disease incidence and change in the ankle brachial index: the Multi-Ethnic Study of Atherosclerosis (MESA). <i>Atherosclerosis</i> , <b>2015</b> , 239, 405-11	3.1	13
80	Mitochondrial DNA copy number can influence mortality and cardiovascular disease via methylation of nuclear DNA CpGs. <i>Genome Medicine</i> , <b>2020</b> , 12, 84	14.4	13
79	Hepatocyte growth factor demonstrates racial heterogeneity as a biomarker for coronary heart disease. <i>Heart</i> , <b>2017</b> , 103, 1185-1193	5.1	12
78	Association of carotid atherosclerosis and stiffness with abdominal aortic aneurysm: The atherosclerosis risk in communities (ARIC) study. <i>Atherosclerosis</i> , <b>2018</b> , 270, 110-116	3.1	12
77	Physical Activity, Parental History of Premature Coronary Heart Disease, and Incident Atherosclerotic Cardiovascular Disease in the Atherosclerosis Risk in Communities (ARIC) Study. <i>Journal of the American Heart Association</i> , <b>2016</b> , 5,	6	12
76	Association of Lipid-Related Genetic Variants with the Incidence of Atrial Fibrillation: The AFGen Consortium. <i>PLoS ONE</i> , <b>2016</b> , 11, e0151932	3.7	12
75	Genome-Wide Association Study of Serum Fructosamine and Glycated Albumin in Adults Without Diagnosed Diabetes: Results From the Atherosclerosis Risk in Communities Study. <i>Diabetes</i> , <b>2018</b> , 67, 1684-1696	0.9	12
74	Metabolic Syndrome and Risk of Ischemic Stroke in Atrial Fibrillation: ARIC Study. <i>Stroke</i> , <b>2019</b> , 50, 3045-3050	6.950	11
73	Spousal diabetes status as a risk factor for incident type 2 diabetes: a prospective cohort study and meta-analysis. <i>Acta Diabetologica</i> , <b>2019</b> , 56, 619-629	3.9	11
72	Genome-wide interaction with the insulin secretion locus MTNR1B reveals CMIP as a novel type 2 diabetes susceptibility gene in African Americans. <i>Genetic Epidemiology</i> , <b>2018</b> , 42, 559-570	2.6	11

71	DNA methylation age is associated with an altered hemostatic profile in a multiethnic meta-analysis. <i>Blood</i> , <b>2018</b> , 132, 1842-1850	2.2	11
70	Glycated hemoglobin and all-cause and cause-specific mortality in Singaporean Chinese without diagnosed diabetes: the Singapore Chinese Health Study. <i>Diabetes Care</i> , <b>2014</b> , 37, 3180-7	14.6	11
69	Leukocyte Traits and Exposure to Ambient Particulate Matter Air Pollution in the Women's Health Initiative and Atherosclerosis Risk in Communities Study. <i>Environmental Health Perspectives</i> , <b>2020</b> , 128, 17004	8.4	11
68	Prospective study of D-dimer and incident venous thromboembolism: The Longitudinal Investigation of Thromboembolism Etiology (LITE). <i>Thrombosis Research</i> , <b>2016</b> , 139, 44-9	8.2	10
67	Plasma and serum L-selectin and clinical and subclinical cardiovascular disease: the Multi-Ethnic Study of Atherosclerosis (MESA). <i>Translational Research</i> , <b>2014</b> , 163, 585-92	11	9
66	Geospatial patterns of human papillomavirus vaccine uptake in Minnesota. <i>BMJ Open</i> , <b>2015</b> , 5, e008617	3	9
65	Association of levels of fasting glucose and insulin with rare variants at the chromosome 11p11.2-MADD locus: Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE) Consortium Targeted Sequencing Study. <i>Circulation: Cardiovascular Genetics</i> , <b>2014</b> , 7, 374-382		9
64	Periodontal disease and incident venous thromboembolism: The Atherosclerosis Risk in Communities study. <i>Journal of Clinical Periodontology</i> , <b>2019</b> , 46, 12-19	7.7	9
63	Diabetes and the risk of hospitalisation for infection: the Atherosclerosis Risk in Communities (ARIC) study. <i>Diabetologia</i> , <b>2021</b> , 64, 2458-2465	10.3	9
62	Identification of Genetic Variants Linking Protein C and Lipoprotein Metabolism: The ARIC Study (Atherosclerosis Risk in Communities). <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2017</b> , 37, 589-597	8.4	8
61	Heritability of Vascular Structure and Function: A Parent-Child Study. <i>Journal of the American Heart Association</i> , <b>2017</b> , 6,	6	8
60	Detection of genetic loci associated with plasma fetuin-A: a meta-analysis of genome-wide association studies from the CHARGE Consortium. <i>Human Molecular Genetics</i> , <b>2017</b> , 26, 2156-2163	5.6	8
59	Diabetes-related factors and abdominal aortic aneurysm events: the Atherosclerotic Risk in Communities Study. <i>Annals of Epidemiology</i> , <b>2018</b> , 28, 102-106.e1	6.4	8
58	Impact of adiposity on cellular adhesion: The Multi-Ethnic Study of atherosclerosis (MESA). <i>Obesity</i> , <b>2016</b> , 24, 223-30	8	8
57	Short-Term Repeatability of Insulin Resistance Indexes in Older Adults: The Atherosclerosis Risk in Communities Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2018</b> , 103, 2175-2181	5.6	8
56	Trans-ethnic meta-analysis identifies common and rare variants associated with hepatocyte growth factor levels in the Multi-Ethnic Study of Atherosclerosis (MESA). <i>Annals of Human Genetics</i> , <b>2015</b> , 79, 264-74	2.2	8
55	Walking and Calcified Atherosclerotic Plaque in the Coronary Arteries: The National Heart, Lung, and Blood Institute Family Heart Study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2016</b> , 36, 1272-74	2.4	8
54	On Sample Size and Power Calculation for Variant Set-Based Association Tests. <i>Annals of Human Genetics</i> , <b>2016</b> , 80, 136-43	2.2	8



53	Increased hepatocyte growth factor levels over 2 years are associated with coronary heart disease: the Multi-Ethnic Study of Atherosclerosis (MESA). <i>American Heart Journal</i> , <b>2019</b> , 213, 30-34	4.9	7
52	Imputation of missing covariate values in epigenome-wide analysis of DNA methylation data. <i>Epigenetics</i> , <b>2016</b> , 11, 132-9	5.7	7
51	Brain function and structure and risk for incident diabetes: The Atherosclerosis Risk in Communities Study. <i>Alzheimer's and Dementia</i> , <b>2017</b> , 13, 1345-1354	1.2	7
50	Genetic discovery and risk characterization in type 2 diabetes across diverse populations. <i>Human Genetics and Genomics Advances</i> , <b>2021</b> , 2, 100029-100029	0.8	7
49	Epigenetic Age Acceleration and Cognitive Function in African American Adults in Midlife: The Atherosclerosis Risk in Communities Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2020</b> , 75, 473-480	6.4	7
48	Meta-analysis across Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE) consortium provides evidence for an association of serum vitamin D with pulmonary function. <i>British Journal of Nutrition</i> , <b>2018</b> , 120, 1159-1170	3.6	7
47	Multi-ancestry genetic study of type 2 diabetes highlights the power of diverse populations for discovery and translation.. <i>Nature Genetics</i> , <b>2022</b> ,	36.3	7
46	Coffee consumption and calcified atherosclerotic plaques in the coronary arteries: The NHLBI Family Heart Study. <i>Clinical Nutrition ESPEN</i> , <b>2017</b> , 17, 18-21	1.3	6
45	An Epidemiologic Study of the Association between Free Recall Dichotic Digits Test Performance and Vascular Health. <i>Journal of the American Academy of Audiology</i> , <b>2019</b> , 30, 282-292	1.3	6
44	Sex Differences in the Association of Diabetes With Cardiovascular Disease Outcomes Among African-American and White Participants in the Atherosclerosis Risk in Communities Study. <i>American Journal of Epidemiology</i> , <b>2018</b> , 187, 403-410	3.8	6
43	Genetic diversity is a predictor of mortality in humans. <i>BMC Genetics</i> , <b>2014</b> , 15, 159	2.6	6
42	Blood DNA methylation sites predict death risk in a longitudinal study of 12, 300 individuals. <i>Aging</i> , <b>2020</b> , 12, 14092-14124	5.6	6
41	Burden of rare exome sequence variants in PROC gene is associated with venous thromboembolism: a population-based study. <i>Journal of Thrombosis and Haemostasis</i> , <b>2020</b> , 18, 445-453	15.4	6
40	Genome-Wide Interaction with Insulin Secretion Loci Reveals Novel Loci for Type 2 Diabetes in African Americans. <i>PLoS ONE</i> , <b>2016</b> , 11, e0159977	3.7	6
39	Endodontic therapy and incident cardiovascular disease: The Atherosclerosis Risk in Communities (ARIC) study. <i>Journal of Public Health Dentistry</i> , <b>2020</b> , 80, 79-91	1.6	5
38	A genetic association study of activated partial thromboplastin time in European Americans and African Americans: the ARIC Study. <i>Human Molecular Genetics</i> , <b>2015</b> , 24, 2401-8	5.6	5
37	Impact of adjustments for intermediate phenotypes on the power to detect linkage. <i>Genetic Epidemiology</i> , <b>1997</b> , 14, 749-54	2.6	5
36	Race/Ethnicity, Spirometry Reference Equations and Prediction of Incident Clinical Events: The Multi-Ethnic Study of Atherosclerosis (MESA) Lung Study.. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2021</b> ,	10.2	5

35	Heritability analysis of nontraditional glycemic biomarkers in the Atherosclerosis Risk in Communities Study. <i>Genetic Epidemiology</i> , <b>2019</b> , 43, 776-785	2.6	4
34	Association of the IGF1 gene with fasting insulin levels. <i>European Journal of Human Genetics</i> , <b>2016</b> , 24, 1337-43	5.3	4
33	Lack of association of apolipoprotein E (Apo E) polymorphism with the prevalence of metabolic syndrome: the National Heart, Lung and Blood Institute Family Heart Study. <i>Diabetes/Metabolism Research and Reviews</i> , <b>2015</b> , 31, 582-7	7.5	4
32	Chocolate consumption and prevalence of metabolic syndrome in the NHLBI Family Heart Study. <i>E-SPEN Journal</i> , <b>2012</b> , 7, e139-e143		4
31	Replication of Newly Identified Genetic Associations Between Abdominal Aortic Aneurysm and SMYD2, LINC00540, PCIF1/MMP9/ZNF335, and ERG. <i>European Journal of Vascular and Endovascular Surgery</i> , <b>2020</b> , 59, 92-97	2.3	4
30	Cadmium, obesity, and education, and the 10-year incidence of hearing impairment: The beaver dam offspring study. <i>Laryngoscope</i> , <b>2020</b> , 130, 1396-1401	3.6	4
29	ABO blood group is associated with peripheral arterial disease in African Americans: The Multi-Ethnic Study of Atherosclerosis (MESA). <i>Thrombosis Research</i> , <b>2017</b> , 153, 1-6	8.2	3
28	Hospitalization with infection and incident venous thromboembolism: The ARIC study. <i>Thrombosis Research</i> , <b>2017</b> , 151, 74-78	8.2	3
27	Fast and Accurate Genome-Wide Association Test of Multiple Quantitative Traits. <i>Computational and Mathematical Methods in Medicine</i> , <b>2018</b> , 2018, 2564531	2.8	3
26	Genome-wide association test of multiple continuous traits using imputed SNPs. <i>Statistics and Its Interface</i> , <b>2017</b> , 10, 379-386	0.4	3
25	Triggering of cardiovascular disease by infection type: The Atherosclerosis Risk in Communities study (ARIC). <i>International Journal of Cardiology</i> , <b>2021</b> , 325, 155-160	3.2	3
24	Low high-density lipoprotein cholesterol and particle concentrations are associated with greater levels of endothelial activation markers in Multi-Ethnic Study of Atherosclerosis participants. <i>Journal of Clinical Lipidology</i> , <b>2017</b> , 11, 955-963.e3	4.9	2
23	Rare variant associations with waist-to-hip ratio in European-American and African-American women from the NHLBI-Exome Sequencing Project. <i>European Journal of Human Genetics</i> , <b>2016</b> , 24, 1181-1187	5.3	2
22	Elevated Levels of Adhesion Proteins Are Associated With Low Ankle-Brachial Index. <i>Angiology</i> , <b>2017</b> , 68, 322-329	2.1	2
21	Elucidating mechanisms of genetic cross-disease associations: an integrative approach implicates protein C as a causal pathway in arterial and venous diseases		2
20	Serum magnesium and burden of atrial and ventricular arrhythmias: The Atherosclerosis Risk in Communities (ARIC) Study. <i>Journal of Electrocardiology</i> , <b>2020</b> , 62, 20-25	1.4	2
19	Genetic susceptibility, obesity and lifetime risk of type 2 diabetes: The ARIC study and Rotterdam Study. <i>Diabetic Medicine</i> , <b>2021</b> , 38, e14639	3.5	2
18	Epigenetic Age and the Risk of Incident Atrial Fibrillation. <i>Circulation</i> , <b>2021</b> ,	16.7	2

17	Associations of 1,5-Anhydroglucitol and 2-Hour Glucose with Major Clinical Outcomes in the Atherosclerosis Risk in Communities (ARIC) Study. <i>Journal of applied laboratory medicine, The</i> , <b>2020</b> , 5, 1296-1306	2	1
16	Pleiotropic effects of n-6 and n-3 fatty acid-related genetic variants on circulating hemostatic variables. <i>Thrombosis Research</i> , <b>2018</b> , 168, 53-59	8.2	1
15	Multi-ethnic GWAS and fine-mapping of glycaemic traits identify novel loci in the PAGE Study.. <i>Diabetologia</i> , <b>2021</b> , 65, 477	10.3	1
14	Hemostatic factors, inflammatory markers, and risk of incident venous thromboembolism: The Multi-Ethnic Study of Atherosclerosis. <i>Journal of Thrombosis and Haemostasis</i> , <b>2021</b> , 19, 1718-1728	15.4	1
13	Association between the soluble receptor for advanced glycation end products (sRAGE) and NAFLD in participants in the Atherosclerosis Risk in Communities Study. <i>Digestive and Liver Disease</i> , <b>2021</b> , 53, 873-878	3.3	1
12	Blood group antigen loci demonstrate multivariate genetic associations with circulating cellular adhesion protein levels in the Multi-Ethnic Study of Atherosclerosis. <i>Human Genetics</i> , <b>2016</b> , 135, 415-423 <sup>6.3</sup>	6.3	1
11	Glycaemic markers and all-cause mortality in older adults with and without diabetes: the Atherosclerosis Risk in Communities (ARIC) study. <i>Diabetologia</i> , <b>2021</b> , 64, 339-348	10.3	1
10	Patient-reported preventive care practices in older adults with diabetes. <i>Diabetic Medicine</i> , <b>2021</b> , 38, e14508	3.5	1
9	BinomiRare: A carriers-only test for association of rare genetic variants with a binary outcome for mixed models and any case-control proportion		1
8	BinomiRare: A robust test for association of a rare genetic variant with a binary outcome for mixed models and any case-control proportion. <i>Human Genetics and Genomics Advances</i> , <b>2021</b> , 2,	0.8	1
7	Integrative analysis of clinical and epigenetic biomarkers of mortality.. <i>Aging Cell</i> , <b>2022</b> , e13608	9.9	1
6	Adhesion pathway proteins and risk of atrial fibrillation in the Multi-Ethnic Study of Atherosclerosis. <i>BMC Cardiovascular Disorders</i> , <b>2021</b> , 21, 436	2.3	0
5	Elucidating mechanisms of genetic cross-disease associations at the PROCRA vascular disease locus.. <i>Nature Communications</i> , <b>2022</b> , 13, 1222	17.4	0
4	Gaseous air pollutants and DNA methylation in a methylome-wide association study of an ethnically and environmentally diverse population of U.S. adults.. <i>Environmental Research</i> , <b>2022</b> , 212, 113360	7.9	0
3	George et al. Respond to "Diabetes and Cardiovascular Disease". <i>American Journal of Epidemiology</i> , <b>2018</b> , 187, 415-416	3.8	
2	Genome-Wide Association Study Identifies Multiple Genetic Loci for Activated Partial Thromboplastin Time and Prothrombin Time. <i>Blood</i> , <b>2010</b> , 116, 4222-4222	2.2	
1	Association of Differential Leukocyte Count With Incident Abdominal Aortic Aneurysm Over 22.5 Years: The ARIC Study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2021</b> , 41, 2342-2351	9.4	