Daniel I Chasman

List of Publications by Citations

211 papers	33,514 citations	72 h-index	182 g-index
232 ext. papers	45,527 ext. citations	15.4 avg, IF	5.56 L-index

#	Paper	IF	Citations
211	Biological, clinical and population relevance of 95 loci for blood lipids. *Nature*, **2010**, 466, 707-13	50.4	2742
210	Genetic studies of body mass index yield new insights for obesity biology. *Nature*, **2015**, 518, 197-206	50.4	2687
209	The mutational constraint spectrum quantified from variation in 141,456 humans. *Nature*, **2020**, 581, 434-443	50.4	2278
208	Discovery and refinement of loci associated with lipid levels. *Nature Genetics*, **2013**, 45, 1274-1283	36.3	1904
207	Genetic variants in novel pathways influence blood pressure and cardiovascular disease risk. *Nature* , **2011**, 478, 103-9	50.4	1564
206	Defining the role of common variation in the genomic and biological architecture of adult human height. *Nature Genetics*, **2014**, 46, 1173-86	36.3	1339
205	A comprehensive 1,000 Genomes-based genome-wide association meta-analysis of coronary artery disease. *Nature Genetics*, **2015**, 47, 1121-1130	36.3	1290
204	New genetic loci link adipose and insulin biology to body fat distribution. *Nature*, **2015**, 518, 187-196	50.4	920
203	Efficient Bayesian mixed-model analysis increases association power in large cohorts. *Nature Genetics*, **2015**, 47, 284-90	36.3	758
202	Analysis of shared heritability in common disorders of the brain. *Science*, **2018**, 360,	33.3	666
201	Modeling Linkage Disequilibrium Increases Accuracy of Polygenic Risk Scores. *American Journal of Human Genetics*, **2015**, 97, 576-92	11	649
200	Genetic Risk, Adherence to a Healthy Lifestyle, and Coronary Disease. *New England Journal of Medicine*, **2016**, 375, 2349-2358	59.2	601
199	Common variants associated with plasma triglycerides and risk for coronary artery disease. *Nature Genetics*, **2013**, 45, 1345-52	36.3	597
198	Multiancestry genome-wide association study of 520,000 subjects identifies 32 loci associated with stroke and stroke subtypes. *Nature Genetics*, **2018**, 50, 524-537	36.3	536
197	Sugar-sweetened beverages and genetic risk of obesity. *New England Journal of Medicine*, **2012**, 367, 1387-96	59.2	427
196	Rare and low-frequency coding variants alter human adult height. *Nature*, **2017**, 542, 186-190	50.4	412
195	HMG-coenzyme A reductase inhibition, type 2 diabetes, and bodyweight: evidence from genetic analysis and randomised trials. *Lancet, The*, **2015**, 385, 351-61	40	409

194	Parent-of-origin-specific allelic associations among 106 genomic loci for age at menarche. *Nature*, **2014**, 514, 92-97	50.4	401
193	Genetic analysis of over 1 million people identifies 535 new loci associated with blood pressure traits. *Nature Genetics*, **2018**, 50, 1412-1425	36.3	386
192	Meta-analysis of 375,000 individuals identifies 38 susceptibility loci for migraine. *Nature Genetics*, **2016**, 48, 856-66	36.3	355
191	Genome-wide association study identifies six new loci influencing pulse pressure and mean arterial pressure. *Nature Genetics*, **2011**, 43, 1005-11	36.3	338
190	Genome-wide association studies identify four ER negative-specific breast cancer risk loci. *Nature Genetics*, **2013**, 45, 392-8, 398e1-2	36.3	327
189	Pharmacogenetic study of statin therapy and cholesterol reduction. *JAMA - Journal of the American Medical Association*, **2004**, 291, 2821-7	27.4	325
188	Genome-wide association analysis identifies novel blood pressure loci and offers biological insights into cardiovascular risk. *Nature Genetics*, **2017**, 49, 403-415	36.3	313
187	Exome-wide association study of plasma lipids in >300,000 individuals. *Nature Genetics*, **2017**, 49, 1758-1766	36.3	310
186	Whole-genome sequencing identifies EN1 as a determinant of bone density and fracture. *Nature*, **2015**, 526, 112-7	50.4	308
185	Genetic associations at 53 loci highlight cell types and biological pathways relevant for kidney function. *Nature Communications*, **2016**, 7, 10023	17.4	295
184	Genome-wide association study reveals three susceptibility loci for common migraine in the general population. *Nature Genetics*, **2011**, 43, 695-8	36.3	295
183	Multi-ethnic genome-wide association study for atrial fibrillation. *Nature Genetics*, **2018**, 50, 1225-1233	36.3	277
182	Genome-wide meta-analysis identifies new susceptibility loci for migraine. *Nature Genetics*, **2013**, 45, 912-917	36.3	276
181	Sequencing of 53,831 diverse genomes from the NHLBI TOPMed Program. *Nature*, **2021**, 590, 290-299	50.4	268
180	Forty-three loci associated with plasma lipoprotein size, concentration, and cholesterol content in genome-wide analysis. *PLoS Genetics*, **2009**, 5, e1000730	6	265
179	Genomic analyses identify hundreds of variants associated with age at menarche and support a role for puberty timing in cancer risk. *Nature Genetics*, **2017**, 49, 834-841	36.3	257
178	The genetics of blood pressure regulation and its target organs from association studies in 342,415 individuals. *Nature Genetics*, **2016**, 48, 1171-1184	36.3	251
177	Large-scale genomic analyses link reproductive aging to hypothalamic signaling, breast cancer susceptibility and BRCA1-mediated DNA repair. *Nature Genetics*, **2015**, 47, 1294-1303	36.3	226

176	PCSK9 genetic variants and risk of type 2 diabetes: a mendelian randomisation study. *Lancet Diabetes and Endocrinology,the*, **2017**, 5, 97-105	18.1	225
175	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
174	The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study. *PLoS Genetics*, **2015**, 11, e1005378	6	220
173	A catalog of genetic loci associated with kidney function from analyses of a million individuals. *Nature Genetics*, **2019**, 51, 957-972	36.3	217
172	Genetic determinants of statin-induced low-density lipoprotein cholesterol reduction: the Justification for the Use of Statins in Prevention: an Intervention Trial Evaluating Rosuvastatin (JUPITER) trial. *Circulation: Cardiovascular Genetics*, **2012**, 5, 257-64		200
171	Population genetic differentiation of height and body mass index across Europe. *Nature Genetics*, **2015**, 47, 1357-62	36.3	186
170	Protein-altering variants associated with body mass index implicate pathways that control energy intake and expenditure in obesity. *Nature Genetics*, **2018**, 50, 26-41	36.3	186
169	Large-scale analyses of common and rare variants identify 12 new loci associated with atrial fibrillation. *Nature Genetics*, **2017**, 49, 946-952	36.3	176
168	Genome-wide meta-analysis identifies six novel loci associated with habitual coffee consumption. *Molecular Psychiatry*, **2015**, 20, 647-656	15.1	167
167	Meta-analysis of 65,734 individuals identifies TSPAN15 and SLC44A2 as two susceptibility loci for venous thromboembolism. *American Journal of Human Genetics*, **2015**, 96, 532-42	11	163
166	Pharmacogenetic meta-analysis of genome-wide association studies of LDL cholesterol response to statins. *Nature Communications*, **2014**, 5, 5068	17.4	160
165	Genome-wide association analysis identifies TXNRD2, ATXN2 and FOXC1 as susceptibility loci for primary open-angle glaucoma. *Nature Genetics*, **2016**, 48, 189-94	36.3	159
164	Association of hypertension drug target genes with blood pressure and hypertension in 86,588 individuals. *Hypertension*, **2011**, 57, 903-10	8.5	154
163	Meta-analysis identifies common and rare variants influencing blood pressure and overlapping with metabolic trait loci. *Nature Genetics*, **2016**, 48, 1162-70	36.3	152
162	Trans-ethnic association study of blood pressure determinants in over 750,000 individuals. *Nature Genetics*, **2019**, 51, 51-62	36.3	152
161	Meta-analysis identifies five novel loci associated with endometriosis highlighting key genes involved in hormone metabolism. *Nature Communications*, **2017**, 8, 15539	17.4	151
160	KLB is associated with alcohol drinking, and its gene product Klotho is necessary for FGF21 regulation of alcohol preference. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 14372-14377	11.5	150
159	Low-frequency and rare exome chip variants associate with fasting glucose and type 2 diabetes susceptibility. *Nature Communications*, **2015**, 6, 5897	17.4	147

158	Rationale, design, and methodology of the WomenB Genome Health Study: a genome-wide association study of more than 25,000 initially healthy american women. *Clinical Chemistry*, **2008**, 54, 249-55	5.5	145
157	Genome-wide association and Mendelian randomisation analysis provide insights into the pathogenesis of heart failure. *Nature Communications*, **2020**, 11, 163	17.4	140
156	Novel locus including FGF21 is associated with dietary macronutrient intake. *Human Molecular Genetics*, **2013**, 22, 1895-902	5.6	134
155	Gene-centric meta-analysis in 87,736 individuals of European ancestry identifies multiple blood-pressure-related loci. *American Journal of Human Genetics*, **2014**, 94, 349-60	11	131
154	Directional dominance on stature and cognition in diverse human populations. *Nature*, **2015**, 523, 459-462	38.4	119
153	Physical and neurobehavioral determinants of reproductive onset and success. *Nature Genetics*, **2016**, 48, 617-623	36.3	118
152	Genome-wide meta-analysis uncovers novel loci influencing circulating leptin levels. *Nature Communications*, **2016**, 7, 10494	17.4	107
151	Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits. *Nature Communications*, **2017**, 8, 14977	17.4	105
150	Genetic loci associated with plasma concentration of low-density lipoprotein cholesterol, high-density lipoprotein cholesterol, triglycerides, apolipoprotein A1, and Apolipoprotein B among 6382 white women in genome-wide analysis with replication. *Circulation: Cardiovascular Genetics*, **2008**, 1, 21-30		103
149	Genome-wide physical activity interactions in adiposity - A meta-analysis of 200,452 adults. *PLoS Genetics*, **2017**, 13, e1006528	6	103
148	Novel genetic markers associate with atrial fibrillation risk in Europeans and Japanese. *Journal of the American College of Cardiology*, **2014**, 63, 1200-1210	15.1	102
147	Polygenic Overlap Between C-Reactive Protein, Plasma Lipids, and Alzheimer Disease. *Circulation*, **2015**, 131, 2061-2069	16.7	100
146	Novel Blood Pressure Locus and Gene Discovery Using Genome-Wide Association Study and Expression Data Sets From Blood and the Kidney. *Hypertension*, **2017**,	8.5	85
145	Genome-wide association study of kidney function decline in individuals of European descent. *Kidney International*, **2015**, 87, 1017-29	9.9	83
144	Pleiotropic genes for metabolic syndrome and inflammation. *Molecular Genetics and Metabolism*, **2014**, 112, 317-38	3.7	81
143	Gene-age interactions in blood pressure regulation: a large-scale investigation with the CHARGE, Global BPgen, and ICBP Consortia. *American Journal of Human Genetics*, **2014**, 95, 24-38	11	80
142	A genome-wide association study for venous thromboembolism: the extended cohorts for heart and aging research in genomic epidemiology (CHARGE) consortium. *Genetic Epidemiology*, **2013**, 37, 512-521	2.6	80
141	Genome-wide meta-analysis associates HLA-DQA1/DRB1 and LPA and lifestyle factors with human longevity. *Nature Communications*, **2017**, 8, 910	17.4	78

140	Association Between Titin Loss-of-Function Variants and Early-Onset Atrial Fibrillation. *JAMA - Journal of the American Medical Association*, **2018**, 320, 2354-2364	27.4	75
139	Genome-wide analysis of dental caries and periodontitis combining clinical and self-reported data. *Nature Communications*, **2019**, 10, 2773	17.4	72
138	Shared genetic basis for migraine and ischemic stroke: A genome-wide analysis of common variants. *Neurology*, **2015**, 84, 2132-45	6.5	71
137	Atherogenic Lipoprotein Determinants of Cardiovascular Disease and Residual Risk Among Individuals With Low Low-Density Lipoprotein Cholesterol. *Journal of the American Heart Association*, **2017**, 6,	6	70
136	Genome-wide association analysis of soluble ICAM-1 concentration reveals novel associations at the NFKBIK, PNPLA3, RELA, and SH2B3 loci. *PLoS Genetics*, **2011**, 7, e1001374	6	65
135	Genomic and transcriptomic association studies identify 16 novel susceptibility loci for venous thromboembolism. *Blood*, **2019**, 134, 1645-1657	2.2	63
134	Genetic Obesity and the Risk of Atrial Fibrillation: Causal Estimates from Mendelian Randomization. *Circulation*, **2017**, 135, 741-754	16.7	62
133	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
132	Association of variation at the ABO locus with circulating levels of soluble intercellular adhesion molecule-1, soluble P-selectin, and soluble E-selectin: a meta-analysis. *Circulation: Cardiovascular Genetics*, **2011**, 4, 681-6		59
131	Cumulative psychological stress and cardiovascular disease risk in middle aged and older women: Rationale, design, and baseline characteristics. *American Heart Journal*, **2017**, 192, 1-12	4.9	56
130	Analysis of predicted loss-of-function variants in UK Biobank identifies variants protective for disease. *Nature Communications*, **2018**, 9, 1613	17.4	55
129	A meta-analysis of 120 246 individuals identifies 18 new loci for fibrinogen concentration. *Human Molecular Genetics*, **2016**, 25, 358-70	5.6	54
128	Integration of genome-wide association studies with biological knowledge identifies six novel genes related to kidney function. *Human Molecular Genetics*, **2012**, 21, 5329-43	5.6	54
127	Associations of Mitochondrial and Nuclear Mitochondrial Variants and Genes with Seven Metabolic Traits. *American Journal of Human Genetics*, **2019**, 104, 112-138	11	54
126	Effects of long-term averaging of quantitative blood pressure traits on the detection of genetic associations. *American Journal of Human Genetics*, **2014**, 95, 49-65	11	52
125	On the utility of gene set methods in genomewide association studies of quantitative traits. *Genetic Epidemiology*, **2008**, 32, 658-68	2.6	49
124	Genome-wide studies of verbal declarative memory in nondemented older people: the Cohorts for Heart and Aging Research in Genomic Epidemiology consortium. *Biological Psychiatry*, **2015**, 77, 749-63	7.9	48
123	Discordance between Circulating Atherogenic Cholesterol Mass and Lipoprotein Particle Concentration in Relation to Future Coronary Events in Women. *Clinical Chemistry*, **2017**, 63, 870-879	5.5	47

122	Genetic analysis for a shared biological basis between migraine and coronary artery disease. *Neurology: Genetics*, **2015**, 1, e10	3.8	46
121	A principal component meta-analysis on multiple anthropometric traits identifies novel loci for body shape. *Nature Communications*, **2016**, 7, 13357	17.4	46
120	A genome-wide association study of bitter and sweet beverage consumption. *Human Molecular Genetics*, **2019**, 28, 2449-2457	5.6	45
119	Rare and low-frequency variants and their association with plasma levels of fibrinogen, FVII, FVIII, and vWF. *Blood*, **2015**, 126, e19-29	2.2	45
118	The trans-ancestral genomic architecture of glycemic traits. *Nature Genetics*, **2021**, 53, 840-860	36.3	44
117	Residual Risk of Atherosclerotic Cardiovascular Events in Relation to Reductions in Very-Low-Density Lipoproteins. *Journal of the American Heart Association*, **2017**, 6,	6	43
116	Common Variant Burden Contributes to the Familial Aggregation of Migraine in 1,589 Families. *Neuron*, **2018**, 98, 743-753.e4	13.9	42
115	Multi-ancestry study of blood lipid levels identifies four loci interacting with physical activity. *Nature Communications*, **2019**, 10, 376	17.4	41
114	Fish Intake, Genetic Predisposition to Alzheimer Disease, and Decline in Global Cognition and Memory in 5 Cohorts of Older Persons. *American Journal of Epidemiology*, **2018**, 187, 933-940	3.8	41
113	Associations of autozygosity with a broad range of human phenotypes. *Nature Communications*, **2019**, 10, 4957	17.4	40
112	Multiancestry Genome-Wide Association Study of Lipid Levels Incorporating Gene-Alcohol Interactions. *American Journal of Epidemiology*, **2019**, 188, 1033-1054	3.8	39
111	Genome-wide association study of selenium concentrations. *Human Molecular Genetics*, **2015**, 24, 1469-77	5.6	37
110	Assessment of Risk Factors and Biomarkers Associated With Risk of Cardiovascular Disease Among Women Consuming a Mediterranean Diet. *JAMA Network Open*, **2018**, 1, e185708	10.4	37
109	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
108	Gene co-expression analysis identifies brain regions and cell types involved in migraine pathophysiology: a GWAS-based study using the Allen Human Brain Atlas. *Human Genetics*, **2016**, 135, 425-439	6.3	35
107	Association of cyclooxygenase-2 genetic variant with cardiovascular disease. *European Heart Journal*, **2014**, 35, 2242-8a	9.5	34
106	Selectivity in genetic association with sub-classified migraine in women. *PLoS Genetics*, **2014**, 10, e1004366		34
105	Plasma levels of the proinflammatory chitin-binding glycoprotein YKL-40, variation in the chitinase 3-like 1 gene (CHI3L1), and incident cardiovascular events. *Journal of the American Heart Association* , **2014**, 3, e000897	6	34

104	New Blood Pressure-Associated Loci Identified in Meta-Analyses of 475 000 Individuals. *Circulation: Cardiovascular Genetics*, **2017**, 10,		33
103	Using genetics to test the causal relationship of total adiposity and periodontitis: Mendelian randomization analyses in the Gene-Lifestyle Interactions and Dental Endpoints (GLIDE) Consortium. *International Journal of Epidemiology*, **2015**, 44, 638-50	7.8	33
102	Genetic loci associated with circulating phospholipid trans fatty acids: a meta-analysis of genome-wide association studies from the CHARGE Consortium. *American Journal of Clinical Nutrition*, **2015**, 101, 398-406	7	33
101	Genome-wide association study identifies 48 common genetic variants associated with handedness. *Nature Human Behaviour*, **2021**, 5, 59-70	12.8	33
100	Dietary fatty acids modulate associations between genetic variants and circulating fatty acids in plasma and erythrocyte membranes: Meta-analysis of nine studies in the CHARGE consortium. *Molecular Nutrition and Food Research*, **2015**, 59, 1373-83	5.9	32
99	Gene-based pleiotropy across migraine with aura and migraine without aura patient groups. *Cephalalgia*, **2016**, 36, 648-57	6.1	31
98	Novel genetic associations for blood pressure identified via gene-alcohol interaction in up to 570K individuals across multiple ancestries. *PLoS ONE*, **2018**, 13, e0198166	3.7	31
97	Polymorphisms in catechol-O-methyltransferase modify treatment effects of aspirin on risk of cardiovascular disease. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2014**, 34, 2160-7	9.4	31
96	Pleiotropy among common genetic loci identified for cardiometabolic disorders and C-reactive protein. *PLoS ONE*, **2015**, 10, e0118859	3.7	31
95	Association of exome sequences with plasma C-reactive protein levels in >9000 participants. *Human Molecular Genetics*, **2015**, 24, 559-71	5.6	31
94	A Common Variant in MIR182 Is Associated With Primary Open-Angle Glaucoma in the NEIGHBORHOOD Consortium **2016**, 57, 4528-4535		31
93	and Loci Identified through Large-Scale Exome Chip Analysis Regulate Kidney Development and Function. *Journal of the American Society of Nephrology: JASN*, **2017**, 28, 981-994	12.7	30
92	Genome-wide meta-analysis of macronutrient intake of 91,114 European ancestry participants from the cohorts for heart and aging research in genomic epidemiology consortium. *Molecular Psychiatry*, **2019**, 24, 1920-1932	15.1	30
91	Assessing the causal relationship between obesity and venous thromboembolism through a Mendelian Randomization study. *Human Genetics*, **2017**, 136, 897-902	6.3	29
90	Common genetic variations in the vitamin D pathway in relation to blood pressure. *American Journal of Hypertension*, **2014**, 27, 1387-95	2.3	28
89	Recent Positive Selection Drives the Expansion of a Schizophrenia Risk Nonsynonymous Variant at SLC39A8 in Europeans. *Schizophrenia Bulletin*, **2016**, 42, 178-90	1.3	28
88	Meta-analysis of genome-wide association studies of HDL cholesterol response to statins. *Journal of Medical Genetics*, **2016**, 53, 835-845	5.8	28
87	Genetic insights into biological mechanisms governing human ovarian ageing. *Nature*, **2021**, 596, 393-397	50.4	28

86	Shared genetic risk between migraine and coronary artery disease: A genome-wide analysis of common variants. *PLoS ONE*, **2017**, 12, e0185663	3.7	27
85	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
84	A common missense variant of LILRB5 is associated with statin intolerance and myalgia. *European Heart Journal*, **2017**, 38, 3569-3575	9.5	25
83	Concordance of genetic risk across migraine subgroups: Impact on current and future genetic association studies. *Cephalalgia*, **2015**, 35, 489-99	6.1	25
82	The power of genetic diversity in genome-wide association studies of lipids. *Nature*, **2021**,	50.4	24
81	Rare coding variants and X-linked loci associated with age at menarche. *Nature Communications*, **2015**, 6, 7756	17.4	23
80	A genome-wide cross-phenotype meta-analysis of the association of blood pressure with migraine. *Nature Communications*, **2020**, 11, 3368	17.4	22
79	Are Genetic Tests for Atherosclerosis Ready for Routine Clinical Use?. *Circulation Research*, **2016**, 118, 607-19	15.7	22
78	Prospective study of common variants in CX3CR1 and risk of macular degeneration: pooled analysis from 5 long-term studies. *JAMA Ophthalmology*, **2014**, 132, 84-95	3.9	22
77	Interaction of methylation-related genetic variants with circulating fatty acids on plasma lipids: a meta-analysis of 7 studies and methylation analysis of 3 studies in the Cohorts for Heart and Aging Research in Genomic Epidemiology consortium. *American Journal of Clinical Nutrition*, **2016**, 103, 567-78	7	21
76	Comparison of HapMap and 1000 Genomes Reference Panels in a Large-Scale Genome-Wide Association Study. *PLoS ONE*, **2017**, 12, e0167742	3.7	21
75	Investigating methotrexate toxicity within a randomized double-blinded, placebo-controlled trial: Rationale and design of the Cardiovascular Inflammation Reduction Trial-Adverse Events (CIRT-AE) Study. *Seminars in Arthritis and Rheumatism*, **2017**, 47, 133-142	5.3	20
74	Shared Molecular Genetic Mechanisms Underlie Endometriosis and Migraine Comorbidity. *Genes*, **2020**, 11,	4.2	19
73	Migraine genetics: from genome-wide association studies to translational insights. *Genome Medicine*, **2016**, 8, 86	14.4	18
72	Rare Genetic Variants Associated With Sudden Cardiac Death in Adults. *Journal of the American College of Cardiology*, **2019**, 74, 2623-2634	15.1	17
71	Genome-wide association meta-analysis of fish and EPA+DHA consumption in 17 US and European cohorts. *PLoS ONE*, **2017**, 12, e0186456	3.7	15
70	Association between Vitamin D Genetic Risk Score and Cancer Risk in a Large Cohort of U.S. Women. *Nutrients*, **2018**, 10,	6.7	15
69	An Empirical Comparison of Joint and Stratified Frameworks for Studying G□E Interactions: Systolic Blood Pressure and Smoking in the CHARGE Gene-Lifestyle Interactions Working Group. *Genetic Epidemiology*, **2016**, 40, 404-15	2.6	15

68	Cross-trait analyses with migraine reveal widespread pleiotropy and suggest a vascular component to migraine headache. *International Journal of Epidemiology*, **2020**, 49, 1022-1031	7.8	15
67	Association of Birth Weight With Type 2 Diabetes and Glycemic Traits: A Mendelian Randomization Study. *JAMA Network Open*, **2019**, 2, e1910915	10.4	14
66	Genetic variation at the coronary artery disease risk locus GUCY1A3 modifies cardiovascular disease prevention effects of aspirin. *European Heart Journal*, **2019**, 40, 3385-3392	9.5	14
65	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
64	Genetic Interactions with Age, Sex, Body Mass Index, and Hypertension in Relation to Atrial Fibrillation: The AFGen Consortium. *Scientific Reports*, **2017**, 7, 11303	4.9	14
63	Analysis of potential protein-modifying variants in 9000 endometriosis patients and 150000 controls of European ancestry. *Scientific Reports*, **2017**, 7, 11380	4.9	13
62	Genome-wide analysis of 102,084 migraine cases identifies 123 risk loci and subtype-specific risk alleles.. *Nature Genetics*, **2022**, 54, 152-160	36.3	13
61	Ranking and characterization of established BMI and lipid associated loci as candidates for gene-environment interactions. *PLoS Genetics*, **2017**, 13, e1006812	6	13
60	Catechol-O-methyltransferase association with hemoglobin A1c. *Metabolism: Clinical and Experimental*, **2016**, 65, 961-967	12.7	13
59	COMT and Alpha-Tocopherol Effects in Cancer Prevention: Gene-Supplement Interactions in Two Randomized Clinical Trials. *Journal of the National Cancer Institute*, **2019**, 111, 684-694	9.7	13
58	Exome-Derived Adiponectin-Associated Variants Implicate Obesity and Lipid Biology. *American Journal of Human Genetics*, **2019**, 105, 15-28	11	12
57	Group IIA Secretory Phospholipase A, Vascular Inflammation, and Incident Cardiovascular Disease. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2019**, 39, 1182-1190	9.4	12
56	Could vitamin D reduce obesity-associated inflammation? Observational and Mendelian randomization study. *American Journal of Clinical Nutrition*, **2020**, 111, 1036-1047	7	12
55	A large-scale exome array analysis of venous thromboembolism. *Genetic Epidemiology*, **2019**, 43, 449-457	2.6	11
54	Mendelian randomization evaluation of causal effects of fibrinogen on incident coronary heart disease. *PLoS ONE*, **2019**, 14, e0216222	3.7	11
53	Gene-gene Interaction Analyses for Atrial Fibrillation. *Scientific Reports*, **2016**, 6, 35371	4.9	11
52	Hypothyroidism and Kidney Function: A Mendelian Randomization Study. *Thyroid*, **2020**, 30, 365-379	6.2	11
51	Genetic Studies of Leptin Concentrations Implicate Leptin in the Regulation of Early Adiposity. *Diabetes*, **2020**, 69, 2806-2818	0.9	10

50	Testosterone Pathway Genetic Polymorphisms in Relation to Primary Open-Angle Glaucoma: An Analysis in Two Large Datasets **2018**, 59, 629-636		9
49	Genetic correlations between intraocular pressure, blood pressure and primary open-angle glaucoma: a multi-cohort analysis. *European Journal of Human Genetics*, **2017**, 25, 1261-1267	5.3	9
48	Population-based genomewide genetic analysis of common clinical chemistry analytes. *Clinical Chemistry*, **2009**, 55, 39-51	5.5	9
47	Effect of Vitamin D and Fatty Acid Supplementation on Risk of Age-Related Macular Degeneration: An Ancillary Study of the VITAL Randomized Clinical Trial. *JAMA Ophthalmology*, **2020**, 138, 1280-1289	3.9	9
46	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
45	Rooted in risk: genetic predisposition for low-density lipoprotein cholesterol level associates with diminished low-density lipoprotein cholesterol response to statin treatment. *Pharmacogenomics*, **2016**, 17, 1621-1628	2.6	8
44	Genetic analysis of endometriosis and depression identifies shared loci and implicates causal links with gastric mucosa abnormality. *Human Genetics*, **2021**, 140, 529-552	6.3	8
43	Adiposity and Genetic Factors in Relation to Triglycerides and Triglyceride-Rich Lipoproteins in the Women Genome Health Study. *Clinical Chemistry*, **2018**, 64, 231-241	5.5	8
42	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
41	Population-based approaches to genetics of migraine. *Cephalalgia*, **2016**, 36, 692-703	6.1	7
40	Genetic Correlations Between Diabetes and Glaucoma: An Analysis of Continuous and Dichotomous Phenotypes. *American Journal of Ophthalmology*, **2019**, 206, 245-255	4.9	6
39	Habitual sleep disturbances and migraine: a Mendelian randomization study. *Annals of Clinical and Translational Neurology*, **2020**, 7, 2370-2380	5.3	6
38	Mitochondrial genome-wide association study of migraine - the HUNT Study. *Cephalalgia*, **2020**, 40, 625-634	6.1	6
37	Blood Eosinophil Count and Metabolic, Cardiac and Pulmonary Outcomes: A Mendelian Randomization Study. *Twin Research and Human Genetics*, **2018**, 21, 89-100	2.2	6
36	Prospective evaluation of a breast-cancer risk model integrating classical risk factors and polygenic risk in 15 cohorts from six countries. *International Journal of Epidemiology*, **2021**,	7.8	6
35	Genome sequencing unveils a regulatory landscape of platelet reactivity. *Nature Communications*, **2021**, 12, 3626	17.4	6
34	Pleiotropy-Based Decomposition of Genetic Risk Scores: Association and Interaction Analysis for Type 2 Diabetes and CAD. *American Journal of Human Genetics*, **2020**, 106, 646-658	11	6
33	Thyroid function, sex hormones and sexual function: a Mendelian randomization study. *European Journal of Epidemiology*, **2021**, 36, 335-344	12.1	6

32	Association of the Mediterranean Diet With Onset of Diabetes in the Women's Health Study. *JAMA Network Open*, **2020**, 3, e2025466	10.4	6
31	Assessing the contribution of rare variants to complex trait heritability from whole-genome sequence data.. *Nature Genetics*, **2022**,	36.3	6
30	Effect of genetic liability to migraine on cognition and brain volume: A Mendelian randomization study. *Cephalalgia*, **2020**, 40, 998-1002	6.1	5
29	Gene-Based Elevated Triglycerides and Type 2 Diabetes Mellitus Risk in the Women's Genome Health Study. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2019**, 39, 97-106	9.4	5
28	Evidence in the UK Biobank for the underdiagnosis of erythropoietic protoporphyria. *Genetics in Medicine*, **2021**, 23, 140-148	8.1	5
27	Genetic analysis of dietary intake identifies new loci and functional links with metabolic traits. *Nature Human Behaviour*, **2021**,	12.8	5
26	Smoking-by-genotype interaction in type 2 diabetes risk and fasting glucose. *PLoS ONE*, **2020**, 15, e0230815	3.7	4
25	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
24	Obesity Partially Mediates the Diabetogenic Effect of Lowering LDL Cholesterol. *Diabetes Care*, **2021**,	14.6	4
23	Association between ABO haplotypes and the risk of venous thrombosis: impact on disease risk estimation. *Blood*, **2021**, 137, 2394-2402	2.2	4
22	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
21	Genome-wide gene-diet interaction analysis in the UK Biobank identifies novel effects on hemoglobin A1c. *Human Molecular Genetics*, **2021**, 30, 1773-1783	5.6	3
20	Association Between Hemostatic Profile and Migraine: A Mendelian Randomization Analysis. *Neurology*, **2021**, 96, e2481-e2487	6.5	3
19	Homocysteine, B Vitamins, MTHFR Genotype, and Incident Age-related Macular Degeneration. *Ophthalmology Retina*, **2018**, 2, 508-510	3.8	3
18	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
17	Response by Chatterjee et al to Letter Regarding Article, "Genetic Obesity and the Risk of Atrial Fibrillation: Causal Estimates From Mendelian Randomization". *Circulation*, **2017**, 136, 434-435	16.7	2
16	Association of Genetic Variants With Migraine Subclassified by Clinical Symptoms in Adult Females. *Frontiers in Neurology*, **2020**, 11, 617472	4.1	2
15	Effects of Thyroid Function on Hemostasis, Coagulation, and Fibrinolysis: A Mendelian Randomization Study. *Thyroid*, **2021**, 31, 1305-1315	6.2	2

14	Genetic analysis of over half a million people characterises C-reactive protein loci.. *Nature Communications*, **2022**, 13, 2198	17.4	2
13	Identifying blood pressure loci whose effects are modulated by multiple lifestyle exposures. *Genetic Epidemiology*, **2020**, 44, 629-641	2.6	1
12	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
11	Migraine, Stroke, and Cervical Arterial Dissection: Shared Genetics for a Triad of Brain Disorders With Vascular Involvement.. *Neurology: Genetics*, **2022**, 8, e653	3.8	1
10	Phenotypic and Genotypic Associations Between Migraine and Lipoprotein Subfractions. *Neurology*, **2021**, 97, e2223-e2235	6.5	1
9	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
8	The genomics of heart failure: design and rationale of the HERMES consortium. *ESC Heart Failure*, **2021**,	3.7	1
7	0661 Assessment Of A Genetic Risk Score For Prediction Of Restless Legs Syndrome In A Cohort Of Women. *Sleep*, **2019**, 42, A263-A264	1.1	
6	Genome-wide pharmacogenetics of anti-drug antibody response to bococizumab highlights key residues in HLA DRB1 and DQB1.. *Scientific Reports*, **2022**, 12, 4266	4.9	
5	Smoking-by-genotype interaction in type 2 diabetes risk and fasting glucose **2020**, 15, e0230815		
4	Smoking-by-genotype interaction in type 2 diabetes risk and fasting glucose **2020**, 15, e0230815		
3	Smoking-by-genotype interaction in type 2 diabetes risk and fasting glucose **2020**, 15, e0230815		
2	Smoking-by-genotype interaction in type 2 diabetes risk and fasting glucose **2020**, 15, e0230815		
1	The Value of Rare Genetic Variation in the Prediction of Common Obesity in European Ancestry Populations.. *Frontiers in Endocrinology*, **2022**, 13, 863893	5.7	