Harold Snieder

List of Publications by Year
in descending order

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374 papers	42,567 citations	3325 91 h-index	3312 184 g-index
396 all docs	396 docs citations	396 times ranked	46283 citing authors

#	Article	IF	Citations
1	Genetic studies of body mass index yield new insights for obesity biology. Nature, 2015, 518, 197-206.	13.7	3,823
2	Genetic variants in novel pathways influence blood pressure and cardiovascular disease risk. Nature, 2011, 478, 103-109.	13.7	1,855
3	Defining the role of common variation in the genomic and biological architecture of adult human height. Nature Genetics, 2014, 46, 1173-1186.	9.4	1,818
4	New genetic loci link adipose and insulin biology to body fat distribution. Nature, 2015, 518, 187-196.	13.7	1,328
5	Genome-wide association study identifies eight loci associated with blood pressure. Nature Genetics, 2009, 41, 666-676.	9.4	1,104
6	Genetic analysis of over 1 million people identifies 535 new loci associated with blood pressure traits. Nature Genetics, 2018, 50, 1412-1425.	9.4	924
7	Genetic variants associated with subjective well-being, depressive symptoms, and neuroticism identified through genome-wide analyses. Nature Genetics, 2016, 48, 624-633.	9.4	870
8	GWAS of 126,559 Individuals Identifies Genetic Variants Associated with Educational Attainment. Science, 2013, 340, 1467-1471.	6.0	750
9	DNA Methylation in Newborns and Maternal Smoking in Pregnancy: Genome-wide Consortium Meta-analysis. American Journal of Human Genetics, 2016, 98, 680-696.	2.6	717
10	Genetic variance estimation with imputed variants finds negligible missing heritability for human height and body mass index. Nature Genetics, 2015, 47, 1114-1120.	9.4	709
11	Genome-wide association analyses identify 18 new loci associated with serum urate concentrations. Nature Genetics, 2013, 45, 145-154.	9.4	675
12	Genome-wide meta-analysis identifies 11 new loci for anthropometric traits and provides insights into genetic architecture. Nature Genetics, 2013, 45, 501-512.	9.4	578
13	A catalog of genetic loci associated with kidney function from analyses of a million individuals. Nature Genetics, 2019, 51, 957-972.	9.4	549
14	Parent-of-origin-specific allelic associations among 106 genomic loci for age at menarche. Nature, 2014, 514, 92-97.	13.7	548
15	Genome-wide association study identifies loci influencing concentrations of liver enzymes in plasma. Nature Genetics, 2011, 43, 1131-1138.	9.4	501
16	Genome-wide association analysis identifies novel blood pressure loci and offers biological insights into cardiovascular risk. Nature Genetics, 2017, 49, 403-415.	9.4	492
17	Meta-Analysis of Genome-Wide Association Studies in >80 000 Subjects Identifies Multiple Loci for C-Reactive Protein Levels. Circulation, 2011, 123, 731-738.	1.6	461
18	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.	9.4	426

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19	Genetic associations at 53 loci highlight cell types and biological pathways relevant for kidney function. Nature Communications, 2016, 7, 10023.	5.8	412
20	Genome-wide association study identifies six new loci influencing pulse pressure and mean arterial pressure. Nature Genetics, 2011, 43, 1005-1011.	9.4	403
21	New gene functions in megakaryopoiesis and platelet formation. Nature, 2011, 480, 201-208.	13.7	401
22	FTO genotype is associated with phenotypic variability of body mass index. Nature, 2012, 490, 267-272.	13.7	383
23	Sex-stratified Genome-wide Association Studies Including 270,000 Individuals Show Sexual Dimorphism in Genetic Loci for Anthropometric Traits. PLoS Genetics, 2013, 9, e1003500.	1.5	371
24	The genetics of blood pressure regulation and its target organs from association studies in 342,415 individuals. Nature Genetics, 2016, 48, 1171-1184.	9.4	362
25	The power of genetic diversity in genome-wide association studies of lipids. Nature, 2021, 600, 675-679.	13.7	353
26	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. PLoS Medicine, 2017, 14, e1002383.	3.9	341
27	The trans-ancestral genomic architecture of glycemic traits. Nature Genetics, 2021, 53, 840-860.	9.4	341
28	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.	1.5	331
29	Seventy-five genetic loci influencing the human red blood cell. Nature, 2012, 492, 369-375.	13.7	320
30	Association of vitamin D status with arterial blood pressure and hypertension risk: a mendelian randomisation study. Lancet Diabetes and Endocrinology,the, 2014, 2, 719-729.	5.5	319
31	Cohort Profile: Estonian Biobank of the Estonian Genome Center, University of Tartu. International Journal of Epidemiology, 2015, 44, 1137-1147.	0.9	314
32	Genome-Wide Association Study of Blood Pressure Extremes Identifies Variant near UMOD Associated with Hypertension. PLoS Genetics, 2010, 6, e1001177.	1.5	312
33	Common variants in 22 loci are associated with QRS duration and cardiac ventricular conduction. Nature Genetics, 2010, 42, 1068-1076.	9.4	308
34	Meta-analyses identify 13 loci associated with age at menopause and highlight DNA repair and immune pathways. Nature Genetics, 2012, 44, 260-268.	9.4	303
35	PCSK9 genetic variants and risk of type 2 diabetes: a mendelian randomisation study. Lancet Diabetes and Endocrinology,the, 2017, 5, 97-105.	5.5	298
36	Trans-ancestry genome-wide association study identifies 12 genetic loci influencing blood pressure and implicates a role for DNA methylation. Nature Genetics, 2015, 47, 1282-1293.	9.4	294

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37	Genome-wide analysis identifies 12 loci influencing human reproductive behavior. Nature Genetics, 2016, 48, 1462-1472.	9.4	284
38	Identification of heart rateâ€“associated loci and their effects on cardiac conduction and rhythm disorders. Nature Genetics, 2013, 45, 621-631.	9.4	282
39	Genetic association study of QT interval highlights role for calcium signaling pathways in myocardial repolarization. Nature Genetics, 2014, 46, 826-836.	9.4	281
40	The genetics of haemostasis: a twin study. Lancet, The, 2001, 357, 101-105.	6.3	266
41	Genetic Correlates of Musical Pitch Recognition in Humans. Science, 2001, 291, 1969-1972.	6.0	256
42	Target genes, variants, tissues and transcriptional pathways influencing human serum urate levels. Nature Genetics, 2019, 51, 1459-1474.	9.4	251
43	Genetic loci influencing kidney function and chronic kidney disease. Nature Genetics, 2010, 42, 373-375.	9.4	246
44	Genetic evidence of assortative mating in humans. Nature Human Behaviour, 2017, 1, .	6.2	242
45	Representativeness of the LifeLines Cohort Study. PLoS ONE, 2015, 10, e0137203.	1.1	235
46	Genome-wide meta-analysis identifies six novel loci associated with habitual coffee consumption. Molecular Psychiatry, 2015, 20, 647-656.	4.1	235
47	Validity of (Ultra-)Short Recordings for Heart Rate Variability Measurements. PLoS ONE, 2015, 10, e0138921.	1.1	225
48	Maternal BMI at the start of pregnancy and offspring epigenome-wide DNA methylation: findings from the pregnancy and childhood epigenetics (PACE) consortium. Human Molecular Genetics, 2017, 26, 4067-4085.	1.4	211
49	Genetic and Environmental Factors in Age-Related Nuclear Cataracts in Monozygotic and Dizygotic Twins. New England Journal of Medicine, 2000, 342, 1786-1790.	13.9	207
50	Unraveling the Regulatory Mechanisms Underlying Tissue-Dependent Genetic Variation of Gene Expression. PLoS Genetics, 2012, 8, e1002431.	1.5	194
51	Dominance Genetic Variation Contributes Little to the Missing Heritability for Human Complex Traits. American Journal of Human Genetics, 2015, 96, 377-385.	2.6	191
52	Ethnic and Gender Differences in Ambulatory Blood Pressure Trajectories. Circulation, 2006, 114, 2780-2787.	1.6	180
53	A genome-wide methylation study on obesity. Epigenetics, 2013, 8, 522-533.	1.3	174
54	DNA methylation mediates the effect of maternal smoking during pregnancy on birthweight of the offspring. International Journal of Epidemiology, 2015, 44, 1224-1237.	0.9	172

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55	Adverse Childhood Experiences and Blood Pressure Trajectories From Childhood to Young Adulthood. Circulation, 2015, 131, 1674-1681.	1.6	169
56	Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits. Nature Communications, 2017, 8, 14977.	5.8	169
57	Association of genetic variation with systolic and diastolic blood pressure among African Americans: the Candidate Gene Association Resource study. Human Molecular Genetics, 2011, 20, 2273-2284.	1.4	168
58	Heritability of Blood Pressure and Hemodynamics in African- and European-American Youth. Hypertension, 2003, 41, 1196-1201.	1.3	164
59	Gene-centric Meta-analysis in 87,736 Individuals of European Ancestry Identifies Multiple Blood-Pressure-Related Loci. American Journal of Human Genetics, 2014, 94, 349-360.	2.6	158
60	Genome-wide physical activity interactions in adiposity â€• A meta-analysis of 200,452 adults. PLoS Genetics, 2017, 13, e1006528.	1.5	158
61	A genomeâ€wide approach to children's aggressive behavior: The EAGLE consortium. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2016, 171, 562-572.	1.1	153
62	Investigating the Causal Relationship of C-Reactive Protein with 32 Complex Somatic and Psychiatric Outcomes: A Large-Scale Cross-Consortium Mendelian Randomization Study. PLoS Medicine, 2016, 13, e1001976.	3.9	150
63	Twins. Trends in Genetics, 2000, 16, 131-134.	2.9	147
64	Epigenome-wide meta-analysis of DNA methylation and childhood asthma. Journal of Allergy and Clinical Immunology, 2019, 143, 2062-2074.	1.5	147
65	Loci influencing blood pressure identified using a cardiovascular gene-centric array. Human Molecular Genetics, 2013, 22, 1663-1678.	1.4	141
66	Ethnic Differences in Resting Heart Rate Variability. Psychosomatic Medicine, 2015, 77, 16-25.	1.3	140
67	Meta-analysis of epigenome-wide association studies in neonates reveals widespread differential DNA methylation associated with birthweight. Nature Communications, 2019, 10, 1893.	5.8	140
68	Leukocyte Telomere Length in Healthy Caucasian and African-American Adolescents: Relationships with Race, Sex, Adiposity, Adipokines, and Physical Activity. Journal of Pediatrics, 2011, 158, 215-220.	0.9	139
69	Hidden heritability due to heterogeneity across seven populations. Nature Human Behaviour, 2017, 1, 757-765.	6.2	137
70	Genome-wide association analysis identifies multiple loci related to resting heart rate. Human Molecular Genetics, 2010, 19, 3885-3894.	1.4	133
71	Genome-wide association meta-analyses and fine-mapping elucidate pathways influencing albuminuria. Nature Communications, 2019, 10, 4130.	5.8	133
72	A longitudinal study in youth of heart rate variability at rest and in response to stress. International Journal of Psychophysiology, 2009, 73, 212-217.	0.5	130

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73	Heritability and Stability of Resting Blood Pressure. Twin Research and Human Genetics, 2005, 8, 499-508.	0.3	129
74	Genetics of Risk Factors for Melanoma: an Adult Twin Study of Nevi and Freckles. Journal of the National Cancer Institute, 2000, 92, 457-463.	3.0	127
75	Novel Blood Pressure Locus and Gene Discovery Using Genome-Wide Association Study and Expression Data Sets From Blood and the Kidney. Hypertension, 2017, 70, .	1.3	123
76	A Large-Scale Multi-ancestry Genome-wide Study Accounting for Smoking Behavior Identifies Multiple Significant Loci for Blood Pressure. American Journal of Human Genetics, 2018, 102, 375-400.	2.6	123
77	Evidence for Independent Heritability of the Glycation Gap (Glycosylation Gap) Fraction of HbA1c in Nondiabetic Twins. Diabetes Care, 2006, 29, 1739-1743.	4.3	120
78	Genotypeâ€“covariate interaction effects and the heritability of adult body mass index. Nature Genetics, 2017, 49, 1174-1181.	9.4	119
79	GWAS and colocalization analyses implicate carotid intima-media thickness and carotid plaque loci in cardiovascular outcomes. Nature Communications, 2018, 9, 5141.	5.8	119
80	Moderators of blood pressure development from childhood to adulthood: A 10-year longitudinal study. Journal of Pediatrics, 2002, 141, 770-779.	0.9	117
81	Are hypertriglyceridemia and low HDL causal factors in the development of insulin resistance?. Atherosclerosis, 2014, 233, 130-138.	0.4	114
82	Genome-wide association study of kidney function decline in individuals of European descent. Kidney International, 2015, 87, 1017-1029.	2.6	113
83	52 Genetic Loci Influencing MyocardialÂMass. Journal of the American College of Cardiology, 2016, 68, 1435-1448.	1.2	113
84	Trans-ethnic kidney function association study reveals putative causal genes and effects on kidney-specific disease aetiologies. Nature Communications, 2019, 10, 29.	5.8	113
85	Multi-ancestry genome-wide geneâ€“smoking interaction study of 387,272 individuals identifies new loci associated with serum lipids. Nature Genetics, 2019, 51, 636-648.	9.4	112
86	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.	2.6	109
87	Pleiotropic genes for metabolic syndrome and inflammation. Molecular Genetics and Metabolism, 2014, 112, 317-338.	0.5	107
88	Cohort Profile: Pregnancy And Childhood Epigenetics (PACE) Consortium. International Journal of Epidemiology, 2018, 47, 22-23u.	0.9	105
89	DNA methylation markers associated with type 2 diabetes, fasting glucose and HbA1c levels: a systematic review and replication in a caseâ€“control sample of the Lifelines study. Diabetologia, 2018, 61, 354-368.	2.9	105
90	Heritability of respiratory sinus arrhythmia: Dependency on task and respiration rate. Psychophysiology, 1997, 34, 317-328.	1.2	103

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91	Activation markers of coagulation and fibrinolysis in twins: heritability of the prethrombotic state. Lancet, The, 2002, 359, 667-671.	6.3	103
92	Common Variation in the NOS1AP Gene Is Associated With Drug-Induced QT Prolongation and Ventricular Arrhythmia. Journal of the American College of Cardiology, 2012, 60, 841-850.	1.2	101
93	Heritability of Central Systolic Pressure Augmentation. Hypertension, 2000, 35, 574-579.	1.3	100
94	Ethnic Differences and Heritability of Heart Rate Variability in African- and European American Youth. American Journal of Cardiology, 2005, 96, 1166-1172.	0.7	100
95	Hypoxia and Complement-and-Coagulation Pathways in the Deceased Organ Donor as the Major Target for Intervention to Improve Renal Allograft Outcome. Transplantation, 2015, 99, 1293-1300.	0.5	99
96	Association Between Chromosome 9p21 Variants and the Ankle-Brachial Index Identified by a Meta-Analysis of 21 Genome-Wide Association Studies. Circulation: Cardiovascular Genetics, 2012, 5, 100-112.	5.1	98
97	1000 Genomes-based meta-analysis identifies 10 novel loci for kidney function. Scientific Reports, 2017, 7, 45040.	1.6	98
98	Genetic loci associated with heart rate variability and their effects on cardiac disease risk. Nature Communications, 2017, 8, 15805.	5.8	95
99	Novel loci for childhood body mass index and shared heritability with adult cardiometabolic traits. PLoS Genetics, 2020, 16, e1008718.	1.5	95
100	Novel genetic associations for blood pressure identified via gene-alcohol interaction in up to 570K individuals across multiple ancestries. PLoS ONE, 2018, 13, e0198166.	1.1	94
101	Prevalence and risk factors of dry eye in 79,866 participants of the population-based Lifelines cohort study in the Netherlands. Ocular Surface, 2021, 19, 83-93.	2.2	94
102	Heart Rate Variability in Adolescents: Relations to Physical Activity, Fitness, and Adiposity. Medicine and Science in Sports and Exercise, 2005, 37, 1856-1863.	0.2	91
103	Timing of Stressful Life Events Affects Stability and Change of Neuroticism. European Journal of Personality, 2014, 28, 193-200.	1.9	88
104	A Genome-Wide Methylation Study of Severe Vitamin D Deficiency inÂAfrican American Adolescents. Journal of Pediatrics, 2013, 162, 1004-1009.e1.	0.9	87
105	Sex-dimorphic genetic effects and novel loci for fasting glucose and insulin variability. Nature Communications, 2021, 12, 24.	5.8	87
106	Multiancestry Genome-Wide Association Study of Lipid Levels Incorporating Gene-Alcohol Interactions. American Journal of Epidemiology, 2019, 188, 1033-1054.	1.6	85
107	An Analysis of Two Genome-wide Association Meta-analyses Identifies a New Locus for Broad Depression Phenotype. Biological Psychiatry, 2017, 82, 322-329.	0.7	84
108	Dissecting the Genetic Architecture of Lipids, Lipoproteins, and Apolipoproteins. Arteriosclerosis, Thrombosis, and Vascular Biology, 1999, 19, 2826-2834.	1.1	83

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109	Genetic and Environmental Influences on Lipids, Lipoproteins, and Apolipoproteins. Arteriosclerosis, Thrombosis, and Vascular Biology, 2002, 22, 1142-1147.	1.1	81
110	Epigenome-wide meta-analysis of blood DNA methylation in newborns and children identifies numerous loci related to gestational age. Genome Medicine, 2020, 12, 25.	3.6	81
111	Bivariate Genetic Modeling of Cardiovascular Stress Reactivity: Does Stress Uncover Genetic Variance?. Psychosomatic Medicine, 2007, 69, 356-364.	1.3	80
112	Genomic analysis of diet composition finds novel loci and associations with health and lifestyle. Molecular Psychiatry, 2021, 26, 2056-2069.	4.1	79
113	Growth of Left Ventricular Mass in African American and European American Youth. Hypertension, 2002, 39, 943-951.	1.3	77
114	A Randomized Controlled Trial of Vitamin D Supplementation on Preventing Postmenopausal Bone Loss and Modifying Bone Metabolism Using Identical Twin Pairs. Journal of Bone and Mineral Research, 2000, 15, 2276-2283.	3.1	76
115	Common Genetic Contributions to Depressive Symptoms and Inflammatory Markers in Middle-Aged Men: The Twins Heart Study. Psychosomatic Medicine, 2009, 71, 152-158.	1.3	76
116	Uric acid in major depressive and anxiety disorders. Journal of Affective Disorders, 2018, 225, 684-690.	2.0	75
117	New alcohol-related genes suggest shared genetic mechanisms with neuropsychiatric disorders. Nature Human Behaviour, 2019, 3, 950-961.	6.2	75
118	The genetics of depression: successful genome-wide association studies introduce new challenges. Translational Psychiatry, 2019, 9, 114.	2.4	75
119	Dietary Intake, FTO Genetic Variants, and Adiposity: A Combined Analysis of Over 16,000 Children and Adolescents. Diabetes, 2015, 64, 2467-2476.	0.3	74
120	A principal component meta-analysis on multiple anthropometric traits identifies novel loci for body shape. Nature Communications, 2016, 7, 13357.	5.8	74
121	NPHP1 (Nephrocystin-1) Gene Deletions Cause Adult-Onset ESRD. Journal of the American Society of Nephrology: JASN, 2018, 29, 1772-1779.	3.0	74
122	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.	2.6	73
123	Heritabilities of Apolipoprotein and Lipid Levels in Three Countries. Twin Research and Human Genetics, 2002, 5, 87-97.	1.5	72
124	Human Fertility, Molecular Genetics, and Natural Selection in Modern Societies. PLoS ONE, 2015, 10, e0126821.	1.1	72
125	PR interval genome-wide association meta-analysis identifies 50 loci associated with atrial and atrioventricular electrical activity. Nature Communications, 2018, 9, 2904.	5.8	71
126	A bidirectional Mendelian randomization study supports causal effects of kidney function onÂbloodÂpressure. Kidney International, 2020, 98, 708-716.	2.6	70

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127	Adiponectin gene ADIPOQ SNP associations with serum adiponectin in two female populations and effects of SNPs on promoter activity. Journal of Human Genetics, 2008, 53, 718-727.	1.1	69
128	Discovery and Fine Mapping of Serum Protein Loci through Transethnic Meta-analysis. American Journal of Human Genetics, 2012, 91, 744-753.	2.6	69
129	Bivariate genome-wide association analyses of the broad depression phenotype combined with major depressive disorder, bipolar disorder or schizophrenia reveal eight novel genetic loci for depression. Molecular Psychiatry, 2020, 25, 1420-1429.	4.1	68
130	Genome-wide genetic homogeneity between sexes and populations for human height and body mass index. Human Molecular Genetics, 2015, 24, 7445-7449.	1.4	67
131	Missing heritability: is the gap closing? An analysis of 32 complex traits in the Lifelines Cohort Study. European Journal of Human Genetics, 2017, 25, 877-885.	1.4	67
132	CNV-association meta-analysis in 191,161 European adults reveals new loci associated with anthropometric traits. Nature Communications, 2017, 8, 744.	5.8	64
133	Comparison of smoking-related DNA methylation between newborns from prenatal exposure and adults from personal smoking. Epigenomics, 2019, 11, 1487-1500.	1.0	64
134	Multi-ancestry study of blood lipid levels identifies four loci interacting with physical activity. Nature Communications, 2019, 10, 376.	5.8	64
135	Modulation of Genetic Associations with Serum Urate Levels by Body-Mass-Index in Humans. PLoS ONE, 2015, 10, e0119752.	1.1	64
136	The Heritability of Polymorphic Light Eruption. Journal of Investigative Dermatology, 2000, 115, 467-470.	0.3	63
137	Cardiovascular Characteristics in American Youth With Prehypertension. American Journal of Hypertension, 2007, 20, 1051-1057.	1.0	63
138	Genomic Mismatch at LIMS1 Locus and Kidney Allograft Rejection. New England Journal of Medicine, 2019, 380, 1918-1928.	13.9	63
139	Determination of Twin Zygosity: A Comparison of DNA with Various Questionnaire Indices. Twin Research and Human Genetics, 2001, 4, 12-18.	1.5	63
140	Dissecting the genetic architecture of the cardiovascular and renal stress response. Biological Psychology, 2002, 61, 73-95.	1.1	62
141	Gender Differences in the Genetic Factors Responsible for Variation in Bone Density and Ultrasound. Journal of Bone and Mineral Research, 2002, 17, 725-733.	3.1	62
142	Serotonin Transporter Gene, Depressive Symptoms, and Interleukin-6. Circulation: Cardiovascular Genetics, 2009, 2, 614-620.	5.1	62
143	Multi-ancestry sleep-by-SNP interaction analysis in 126,926 individuals reveals lipid loci stratified by sleep duration. Nature Communications, 2019, 10, 5121.	5.8	62
144	Identification of 371 genetic variants for age at first sex and birth linked to externalising behaviour. Nature Human Behaviour, 2021, 5, 1717-1730.	6.2	62

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145	A 15-year longitudinal study on ambulatory blood pressure tracking from childhood to early adulthood. Hypertension Research, 2009, 32, 404-410.	1.5	61
146	Pleiotropic Effects of Lipid Genes on Plasma Glucose, HbA1c, and HOMA-IR Levels. Diabetes, 2014, 63, 3149-3158.	0.3	61
147	Genetics of fibrin clot structure: a twin study. Blood, 2004, 103, 1735-1740.	0.6	59
148	Genetics of coronary artery disease: Genome-wide association studies and beyond. Atherosclerosis, 2012, 225, 1-10.	0.4	59
149	Î²2-adrenergic receptor gene and resting hemodynamics in European and African American youth. American Journal of Hypertension, 2002, 15, 973-979.	1.0	58
150	Maternal alcohol consumption and offspring DNA methylation: findings from six general population-based birth cohorts. Epigenomics, 2018, 10, 27-42.	1.0	58
151	A Genome-Wide Methylation Study on Essential Hypertension in Young African American Males. PLoS ONE, 2013, 8, e53938.	1.1	57
152	Level of an Advanced Glycated End Product Is Genetically Determined: A Study of Normal Twins. Diabetes, 2003, 52, 2441-2444.	0.3	56
153	Genetic influences on cardiovascular stress reactivity. Neuroscience and Biobehavioral Reviews, 2010, 35, 58-68.	2.9	56
154	Sex Differences and Heritability of Two Indices of Heart Rate Dynamics: A Twin Study. Twin Research and Human Genetics, 2007, 10, 364-372.	0.3	55
155	Heritability of carotid intima-media thickness: A twin study. Atherosclerosis, 2008, 197, 814-820.	0.4	54
156	Emergence of Novel Genetic Effects on Blood Pressure and Hemodynamics in Adolescence. Hypertension, 2006, 47, 948-954.	1.3	53
157	Common Genetic Variation Near the Phospholamban Gene Is Associated with Cardiac Repolarisation: Meta-Analysis of Three Genome-Wide Association Studies. PLoS ONE, 2009, 4, e6138.	1.1	53
158	The genetic architecture of sporadic and multiple consecutive miscarriage. Nature Communications, 2020, 11, 5980.	5.8	52
159	Glycotoxin and Autoantibodies Are Additive Environmentally Determined Predictors of Type 1 Diabetes. Diabetes, 2012, 61, 1192-1198.	0.3	51
160	Evidence for Genetic Overlap Between Schizophrenia and Age at First Birth in Women. JAMA Psychiatry, 2016, 73, 497.	6.0	51
161	Determinants of heart rate variability in the general population: The Lifelines Cohort Study. Heart Rhythm, 2018, 15, 1552-1558.	0.3	51
162	Genetic analysis in European ancestry individuals identifies 517 loci associated with liver enzymes. Nature Communications, 2021, 12, 2579.	5.8	51

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163	Clinical response to antipsychotic drug treatment: Association study of polymorphisms in six candidate genes. European Neuropsychopharmacology, 2012, 22, 625-631.	0.3	50
164	Insulin Resistance Syndrome and Left Ventricular Mass in Healthy Young People. American Journal of the Medical Sciences, 2002, 324, 72-75.	0.4	49
165	Determination of Twin Zygosity: A Comparison of DNA with Various Questionnaire Indices. Twin Research and Human Genetics, 2001, 4, 12-18.	1.5	48
166	Influence of common variants near INSIG2, in FTO, and near MC4R genes on overweight and the metabolic profile in adolescence: the TRAILS (TRacking Adolescentsâ€™ Individual Lives Survey) Study. American Journal of Clinical Nutrition, 2010, 91, 321-328.	2.2	48
167	Endothelin-1 Gene LYS198ASN Polymorphism and Blood Pressure Reactivity. Hypertension, 2003, 42, 494-499.	1.3	47
168	A Geneâ€“Environment Interaction Model of Stress-Induced Hypertension. Cardiovascular Toxicology, 2005, 5, 109-132.	1.1	46
169	Protein Tyrosine Phosphatase-1B Gene PTPN1: Selection of Tagging Single Nucleotide Polymorphisms and Association With Body Fat, Insulin Sensitivity, and the Metabolic Syndrome in a Normal Female Population. Diabetes, 2005, 54, 3296-3304.	0.3	46
170	Geneâ€“Lifestyle Interactions in Obesity. Current Nutrition Reports, 2012, 1, 184-196.	2.1	46
171	The physical and mental burden of dry eye disease: A large population-based study investigating the relationship with health-related quality of life and its determinants. Ocular Surface, 2021, 21, 107-117.	2.2	45
172	Genetic and Environmental Influences on Anger Expression, John Henryism, and Stressful Life Events: The Georgia Cardiovascular Twin Study. Psychosomatic Medicine, 2005, 67, 16-23.	1.3	43
173	Heritability of Arterial Stiffness in Black and White American Youth and Young Adults. American Journal of Hypertension, 2007, 20, 1065-1072.	1.0	42
174	Meta-analysis uncovers genome-wide significant variants for rapid kidney function decline. Kidney International, 2021, 99, 926-939.	2.6	42
175	Genetic and environmental influences on systemic markers of inflammation in middle-aged male twins. Atherosclerosis, 2008, 200, 213-220.	0.4	41
176	DNA methylation and body mass index from birth to adolescence: meta-analyses of epigenome-wide association studies. Genome Medicine, 2020, 12, 105.	3.6	41
177	Genetic Correlation of Exercise with Heart Rate and Respiratory Sinus Arrhythmia. Medicine and Science in Sports and Exercise, 2003, 35, 1287-1295.	0.2	40
178	Association of genetic variants of the histamine H1 and muscarinic M3 receptors with BMI and HbA1c values in patients on antipsychotic medication. Psychopharmacology, 2011, 216, 257-265.	1.5	40
179	Relation Between Leisure Time, Commuting, and Occupational Physical Activity With Blood Pressure in 125Â402 Adults: The Lifelines Cohort. Journal of the American Heart Association, 2020, 9, e014313.	1.6	40
180	Development of general and central obesity from childhood into early adulthood in African American and European American males and females with a family history of cardiovascular disease. American Journal of Clinical Nutrition, 2004, 79, 661-668.	2.2	39

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