

Terho Lehtimäki

List of Publications by Year in descending order

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Version: 2024-02-01

1,063
papers

108,887
citations

435

131
h-index

394

279
g-index

1122
all docs

1122
docs citations

1122
times ranked

102060
citing authors

#	ARTICLE	IF	CITATIONS
1	The mutational constraint spectrum quantified from variation in 141,456 humans. Nature, 2020, 581, 434-443.	27.8	6,140
2	Genetic studies of body mass index yield new insights for obesity biology. Nature, 2015, 518, 197-206.	27.8	3,823
3	Worldwide trends in diabetes since 1980: a pooled analysis of 751 population-based studies with 4Â·4 million participants. Lancet, The, 2016, 387, 1513-1530.	13.7	2,842
4	Discovery and refinement of loci associated with lipid levels. Nature Genetics, 2013, 45, 1274-1283.	21.4	2,641
5	Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. Nature Genetics, 2010, 42, 937-948.	21.4	2,634
6	Strong Association of De Novo Copy Number Mutations with Autism. Science, 2007, 316, 445-449.	12.6	2,497
7	Synaptic, transcriptional and chromatin genes disrupted in autism. Nature, 2014, 515, 209-215.	27.8	2,254
8	A comprehensive 1000 Genomesâ€“based genome-wide association meta-analysis of coronary artery disease. Nature Genetics, 2015, 47, 1121-1130.	21.4	2,054
9	Genetic variants in novel pathways influence blood pressure and cardiovascular disease risk. Nature, 2011, 478, 103-109.	27.8	1,855
10	Defining the role of common variation in the genomic and biological architecture of adult human height. Nature Genetics, 2014, 46, 1173-1186.	21.4	1,818
11	Hundreds of variants clustered in genomic loci and biological pathways affect human height. Nature, 2010, 467, 832-838.	27.8	1,789
12	Integrative approaches for large-scale transcriptome-wide association studies. Nature Genetics, 2016, 48, 245-252.	21.4	1,618
13	Large-scale association analysis identifies new risk loci for coronary artery disease. Nature Genetics, 2013, 45, 25-33.	21.4	1,439
14	Large-Scale Exome Sequencing Study Implicates Both Developmental and Functional Changes in the Neurobiology of Autism. Cell, 2020, 180, 568-584.e23.	28.9	1,422
15	New genetic loci link adipose and insulin biology to body fat distribution. Nature, 2015, 518, 187-196.	27.8	1,328
16	Genome-wide association study identifies 74 loci associated with educational attainment. Nature, 2016, 533, 539-542.	27.8	1,204
17	Genome-wide meta-analysis identifies 56 bone mineral density loci and reveals 14 loci associated with risk of fracture. Nature Genetics, 2012, 44, 491-501.	21.4	1,100
18	Analysis of shared heritability in common disorders of the brain. Science, 2018, 360, .	12.6	1,085

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19	Genetic analysis of over 1 million people identifies 535 new loci associated with blood pressure traits. Nature Genetics, 2018, 50, 1412-1425.	21.4	924
20	Genetic variants associated with subjective well-being, depressive symptoms, and neuroticism identified through genome-wide analyses. Nature Genetics, 2016, 48, 624-633.	21.4	870
21	Meta-analysis identifies 13 new loci associated with waist-hip ratio and reveals sexual dimorphism in the genetic basis of fat distribution. Nature Genetics, 2010, 42, 949-960.	21.4	836
22	Common variants associated with plasma triglycerides and risk for coronary artery disease. Nature Genetics, 2013, 45, 1345-1352.	21.4	754
23	Causal Relationship between Obesity and Vitamin D Status: Bi-Directional Mendelian Randomization Analysis of Multiple Cohorts. PLoS Medicine, 2013, 10, e1001383.	8.4	753
24	GWAS of 126,559 Individuals Identifies Genetic Variants Associated with Educational Attainment. Science, 2013, 340, 1467-1471.	12.6	750
25	Genome-wide association analyses identify 18 new loci associated with serum urate concentrations. Nature Genetics, 2013, 45, 145-154.	21.4	675
26	Microduplications of 16p11.2 are associated with schizophrenia. Nature Genetics, 2009, 41, 1223-1227.	21.4	646
27	Cohort Profile: The Cardiovascular Risk in Young Finns Study. International Journal of Epidemiology, 2008, 37, 1220-1226.	1.9	634
28	Large-scale cis- and trans-eQTL analyses identify thousands of genetic loci and polygenic scores that regulate blood gene expression. Nature Genetics, 2021, 53, 1300-1310.	21.4	590
29	Genome-wide meta-analysis identifies 11 new loci for anthropometric traits and provides insights into genetic architecture. Nature Genetics, 2013, 45, 501-512.	21.4	578
30	Genome-wide study for circulating metabolites identifies 62 loci and reveals novel systemic effects of LPA. Nature Communications, 2016, 7, 11122.	12.8	576
31	Association analyses based on false discovery rate implicate new loci for coronary artery disease. Nature Genetics, 2017, 49, 1385-1391.	21.4	571
32	Multi-ethnic genome-wide association study for atrial fibrillation. Nature Genetics, 2018, 50, 1225-1233.	21.4	552
33	A catalog of genetic loci associated with kidney function from analyses of a million individuals. Nature Genetics, 2019, 51, 957-972.	21.4	549
34	Metabolite Profiling and Cardiovascular Event Risk. Circulation, 2015, 131, 774-785.	1.6	547
35	Risk of acute coronary events and serum concentration of asymmetrical dimethylarginine. Lancet, The, 2001, 358, 2127-2128.	13.7	544
36	Rare and low-frequency coding variants alter human adult height. Nature, 2017, 542, 186-190.	27.8	544

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37	Meta-analysis of 375,000 individuals identifies 38 susceptibility loci for migraine. <i>Nature Genetics</i> , 2016, 48, 856-866.	21.4	520
38	Genome-wide association study identifies multiple loci influencing human serum metabolite levels. <i>Nature Genetics</i> , 2012, 44, 269-276.	21.4	516
39	High-throughput serum NMR metabonomics for cost-effective holistic studies on systemic metabolism. <i>Analyst</i> , 2009, 134, 1781.	3.5	491
40	Study of 300,486 individuals identifies 148 independent genetic loci influencing general cognitive function. <i>Nature Communications</i> , 2018, 9, 2098.	12.8	484
41	Physical Activity Attenuates the Influence of FTO Variants on Obesity Risk: A Meta-Analysis of 218,166 Adults and 19,268 Children. <i>PLoS Medicine</i> , 2011, 8, e1001116.	8.4	446
42	Branched-Chain and Aromatic Amino Acids Are Predictors of Insulin Resistance in Young Adults. <i>Diabetes Care</i> , 2013, 36, 648-655.	8.6	441
43	Rare variant in scavenger receptor BI raises HDL cholesterol and increases risk of coronary heart disease. <i>Science</i> , 2016, 351, 1166-1171.	12.6	438
44	Multiancestry association study identifies new asthma risk loci that colocalize with immune-cell enhancer marks. <i>Nature Genetics</i> , 2018, 50, 42-53.	21.4	426
45	Tracking of Serum Lipid Levels, Blood Pressure, and Body Mass Index from Childhood to Adulthood: The Cardiovascular Risk in Young Finns Study. <i>Journal of Pediatrics</i> , 2011, 159, 584-590.	1.8	423
46	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> , 2012, 8, e1002607.	3.5	419
47	Genetic associations at 53 loci highlight cell types and biological pathways relevant for kidney function. <i>Nature Communications</i> , 2016, 7, 10023.	12.8	412
48	Genome-wide associations for birth weight and correlations with adult disease. <i>Nature</i> , 2016, 538, 248-252.	27.8	406
49	Genome-wide association study identifies six new loci influencing pulse pressure and mean arterial pressure. <i>Nature Genetics</i> , 2011, 43, 1005-1011.	21.4	403
50	miR-21, miR-210, miR-34a, and miR-146a/b are up-regulated in human atherosclerotic plaques in the Tampere Vascular Study. <i>Atherosclerosis</i> , 2011, 219, 211-217.	0.8	402
51	Maternal and fetal genetic effects on birth weight and their relevance to cardio-metabolic risk factors. <i>Nature Genetics</i> , 2019, 51, 804-814.	21.4	402
52	Genome-wide meta-analyses of multiancestry cohorts identify multiple new susceptibility loci for refractive error and myopia. <i>Nature Genetics</i> , 2013, 45, 314-318.	21.4	398
53	Endothelial Dysfunction and Increased Arterial Intima-Media Thickness in Children With Type 1 Diabetes. <i>Circulation</i> , 2004, 109, 1750-1755.	1.6	393
54	The Polygenic and Monogenic Basis of Blood Traits and Diseases. <i>Cell</i> , 2020, 182, 1214-1231.e11.	28.9	388

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55	Sex-stratified Genome-wide Association Studies Including 270,000 Individuals Show Sexual Dimorphism in Genetic Loci for Anthropometric Traits. PLoS Genetics, 2013, 9, e1003500.	3.5	371
56	The genetics of blood pressure regulation and its target organs from association studies in 342,415 individuals. Nature Genetics, 2016, 48, 1171-1184.	21.4	362
57	Genome-wide Association Study Identifies 27 Loci Influencing Concentrations of Circulating Cytokines and Growth Factors. American Journal of Human Genetics, 2017, 100, 40-50.	6.2	360
58	Trans-ethnic and Ancestry-Specific Blood-Cell Genetics in 746,667 Individuals from 5 Global Populations. Cell, 2020, 182, 1198-1213.e14.	28.9	353
59	The power of genetic diversity in genome-wide association studies of lipids. Nature, 2021, 600, 675-679.	27.8	353
60	A genome-wide association meta-analysis identifies new childhood obesity loci. Nature Genetics, 2012, 44, 526-531.	21.4	352
61	Distribution and Medical Impact of Loss-of-Function Variants in the Finnish Founder Population. PLoS Genetics, 2014, 10, e1004494.	3.5	351
62	New genetic signals for lung function highlight pathways and chronic obstructive pulmonary disease associations across multiple ancestries. Nature Genetics, 2019, 51, 481-493.	21.4	350
63	Genome-wide meta-analysis identifies new susceptibility loci for migraine. Nature Genetics, 2013, 45, 912-917.	21.4	338
64	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.	3.5	331
65	Genome Analyses of >200,000 Individuals Identify 58 Loci for Chronic Inflammation and Highlight Pathways that Link Inflammation and Complex Disorders. American Journal of Human Genetics, 2018, 103, 691-706.	6.2	326
66	Long-term and recent trends in hypertension awareness, treatment, and control in 12 high-income countries: an analysis of 123 nationally representative surveys. Lancet, The, 2019, 394, 639-651.	13.7	325
67	Seventy-five genetic loci influencing the human red blood cell. Nature, 2012, 492, 369-375.	27.8	320
68	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.	11.4	319
69	The impact of low-frequency and rare variants on lipid levels. Nature Genetics, 2015, 47, 589-597.	21.4	310
70	Genome-wide association study in 79,366 European-ancestry individuals informs the genetic architecture of 25-hydroxyvitamin D levels. Nature Communications, 2018, 9, 260.	12.8	295
71	Genome-wide association analysis identifies susceptibility loci for migraine without aura. Nature Genetics, 2012, 44, 777-782.	21.4	294
72	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.	21.4	294

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73	New loci associated with birth weight identify genetic links between intrauterine growth and adult height and metabolism. <i>Nature Genetics</i> , 2013, 45, 76-82.	21.4	293
74	Meta-analysis of Genome-wide Association Studies for Neuroticism, and the Polygenic Association With Major Depressive Disorder. <i>JAMA Psychiatry</i> , 2015, 72, 642.	11.0	289
75	Protein-altering variants associated with body mass index implicate pathways that control energy intake and expenditure in obesity. <i>Nature Genetics</i> , 2018, 50, 26-41.	21.4	286
76	Genome-wide analysis identifies 12 loci influencing human reproductive behavior. <i>Nature Genetics</i> , 2016, 48, 1462-1472.	21.4	284
77	Identification of heart rate-associated loci and their effects on cardiac conduction and rhythm disorders. <i>Nature Genetics</i> , 2013, 45, 621-631.	21.4	282
78	Elevated Serum C-Reactive Protein Levels and Early Arterial Changes in Healthy Children. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002, 22, 1323-1328.	2.4	281
79	Large-scale analyses of common and rare variants identify 12 new loci associated with atrial fibrillation. <i>Nature Genetics</i> , 2017, 49, 946-952.	21.4	279
80	Genome-wide association analysis identifies three new susceptibility loci for childhood body mass index. <i>Human Molecular Genetics</i> , 2016, 25, 389-403.	2.9	275
81	High-dose statins and skeletal muscle metabolism in humans: A randomized, controlled trial. <i>Clinical Pharmacology and Therapeutics</i> , 2005, 78, 60-68.	4.7	272
82	Carotid Artery Intima-Media Thickness in Children With Type 1 Diabetes. <i>Diabetes</i> , 2002, 51, 493-498.	0.6	271
83	Metabolic Signatures of Adiposity in Young Adults: Mendelian Randomization Analysis and Effects of Weight Change. <i>PLoS Medicine</i> , 2014, 11, e1001765.	8.4	271
84	Metabolic Signatures of Insulin Resistance in 7,098 Young Adults. <i>Diabetes</i> , 2012, 61, 1372-1380.	0.6	262
85	Genome-wide association analyses for lung function and chronic obstructive pulmonary disease identify new loci and potential druggable targets. <i>Nature Genetics</i> , 2017, 49, 416-425.	21.4	257
86	Target genes, variants, tissues and transcriptional pathways influencing human serum urate levels. <i>Nature Genetics</i> , 2019, 51, 1459-1474.	21.4	251
87	New loci for body fat percentage reveal link between adiposity and cardiometabolic disease risk. <i>Nature Communications</i> , 2016, 7, 10495.	12.8	245
88	The prevalence of peripheral arterial disease and medial arterial calcification in patients with chronic renal failure: Requirements for diagnostics. <i>American Journal of Kidney Diseases</i> , 2002, 40, 472-479.	1.9	244
89	New biomarker evidence of oxidative DNA damage in patients with non-insulin-dependent diabetes mellitus. <i>FEBS Letters</i> , 1997, 417, 150-152.	2.8	241
90	Linkage of familial combined hyperlipidaemia to chromosome 1q21-q23. <i>Nature Genetics</i> , 1998, 18, 369-373.	21.4	241

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91	WNT16 Influences Bone Mineral Density, Cortical Bone Thickness, Bone Strength, and Osteoporotic Fracture Risk. <i>PLoS Genetics</i> , 2012, 8, e1002745.	3.5	240
92	Genome-wide association meta-analysis highlights light-induced signaling as a driver for refractive error. <i>Nature Genetics</i> , 2018, 50, 834-848.	21.4	239
93	Ideal Cardiovascular Health in Childhood and Cardiometabolic Outcomes in Adulthood. <i>Circulation</i> , 2012, 125, 1971-1978.	1.6	236
94	Genome-wide meta-analysis identifies six novel loci associated with habitual coffee consumption. <i>Molecular Psychiatry</i> , 2015, 20, 647-656.	7.9	235
95	Genetically Determined Height and Coronary Artery Disease. <i>New England Journal of Medicine</i> , 2015, 372, 1608-1618.	27.0	220
96	A meta-analysis of genome-wide association studies identifies multiple longevity genes. <i>Nature Communications</i> , 2019, 10, 3669.	12.8	214
97	Genome-wide meta-analysis of observational studies shows common genetic variants associated with macronutrient intake. <i>American Journal of Clinical Nutrition</i> , 2013, 97, 1395-1402.	4.7	210
98	<i>KLB</i> is associated with alcohol drinking, and its gene product β -Klotho is necessary for FGF21 regulation of alcohol preference. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 14372-14377.	7.1	208
99	A Systems Biology Strategy Reveals Biological Pathways and Plasma Biomarker Candidates for Potentially Toxic Statin-Induced Changes in Muscle. <i>PLoS ONE</i> , 2006, 1, e97.	2.5	202
100	A metabolic view on menopause and ageing. <i>Nature Communications</i> , 2014, 5, 4708.	12.8	196
101	Long-term Leisure-time Physical Activity and Serum Metabolome. <i>Circulation</i> , 2013, 127, 340-348.	1.6	193
102	Meta-analysis of genome-wide association studies from the CHARGE consortium identifies common variants associated with carotid intima media thickness and plaque. <i>Nature Genetics</i> , 2011, 43, 940-947.	21.4	191
103	Whole exome sequencing study identifies novel rare and common Alzheimer's-Associated variants involved in immune response and transcriptional regulation. <i>Molecular Psychiatry</i> , 2020, 25, 1859-1875.	7.9	191
104	Genome-wide association and longitudinal analyses reveal genetic loci linking pubertal height growth, pubertal timing and childhood adiposity. <i>Human Molecular Genetics</i> , 2013, 22, 2735-2747.	2.9	188
105	Autoantibodies Against Oxidized Low Density Lipoprotein in Patients With Angiographically Verified Coronary Artery Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1999, 19, 23-27.	2.4	185
106	Circulating Metabolite Predictors of Glycemia in Middle-Aged Men and Women. <i>Diabetes Care</i> , 2012, 35, 1749-1756.	8.6	184
107	Common polymorphism in the oxytocin receptor gene (<i>OXTR</i>) is associated with human social recognition skills. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 1987-1992.	7.1	184
108	Genome-Wide Screen for Metabolic Syndrome Susceptibility Loci Reveals Strong Lipid Gene Contribution But No Evidence for Common Genetic Basis for Clustering of Metabolic Syndrome Traits. <i>Circulation: Cardiovascular Genetics</i> , 2012, 5, 242-249.	5.1	182

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109	Association of branched-chain amino acids and other circulating metabolites with risk of incident dementia and Alzheimer's disease: A prospective study in eight cohorts. <i>Alzheimer's and Dementia</i> , 2018, 14, 723-733.	0.8	182
110	The Biomarker GlycA Is Associated with Chronic Inflammation and Predicts Long-Term Risk of Severe Infection. <i>Cell Systems</i> , 2015, 1, 293-301.	6.2	179
111	Genetic Determinants of Serum Testosterone Concentrations in Men. <i>PLoS Genetics</i> , 2011, 7, e1002313.	3.5	178
112	Meta-analysis of Genome-Wide Association Studies for Extraversion: Findings from the Genetics of Personality Consortium. <i>Behavior Genetics</i> , 2016, 46, 170-182.	2.1	178
113	Weight Reduction With Very-Low-Caloric Diet and Endothelial Function in Overweight Adults: Role of Plasma Glucose. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004, 24, 124-128.	2.4	175
114	Directional dominance on stature and cognition in diverse human populations. <i>Nature</i> , 2015, 523, 459-462.	27.8	173
115	Metabolomic Profiling of Statin Use and Genetic Inhibition of HMG-CoA Reductase. <i>Journal of the American College of Cardiology</i> , 2016, 67, 1200-1210.	2.8	173
116	Life-time risk factors and progression of carotid atherosclerosis in young adults: the Cardiovascular Risk in Young Finns study. <i>European Heart Journal</i> , 2010, 31, 1745-1751.	2.2	171
117	Novel Loci for Metabolic Networks and Multi-Tissue Expression Studies Reveal Genes for Atherosclerosis. <i>PLoS Genetics</i> , 2012, 8, e1002907.	3.5	171
118	Genomics of 1 million parent lifespans implicates novel pathways and common diseases and distinguishes survival chances. <i>ELife</i> , 2019, 8, .	6.0	170
119	Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits. <i>Nature Communications</i> , 2017, 8, 14977.	12.8	169
120	Genome-Wide Association and Functional Follow-Up Reveals New Loci for Kidney Function. <i>PLoS Genetics</i> , 2012, 8, e1002584.	3.5	166
121	MAINTENANCE OF GENETIC VARIATION IN HUMAN PERSONALITY: TESTING EVOLUTIONARY MODELS BY ESTIMATING HERITABILITY DUE TO COMMON CAUSAL VARIANTS AND INVESTIGATING THE EFFECT OF DISTANT INBREEDING. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 3238-3251.	2.3	166
122	Age-Dependent Association of Apolipoprotein E Genotype With Coronary and Aortic Atherosclerosis in Middle-Aged Men. <i>Circulation</i> , 1999, 100, 608-613.	1.6	162
123	Genome-wide physical activity interactions in adiposity • A meta-analysis of 200,452 adults. <i>PLoS Genetics</i> , 2017, 13, e1006528.	3.5	158
124	A genome-wide approach to children's aggressive behavior: <i>The EAGLE consortium</i>. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2016, 171, 562-572.	1.7	153
125	Genome-wide meta-analysis uncovers novel loci influencing circulating leptin levels. <i>Nature Communications</i> , 2016, 7, 10494.	12.8	153
126	A Genome-Wide Association Meta-Analysis of Circulating Sex Hormone-Binding Globulin Reveals Multiple Loci Implicated in Sex Steroid Hormone Regulation. <i>PLoS Genetics</i> , 2012, 8, e1002805.	3.5	151

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127	Metabolic profiling of pregnancy: cross-sectional and longitudinal evidence. BMC Medicine, 2016, 14, 205.	5.5	150
128	Liver steatosis coexists with myocardial insulin resistance and coronary dysfunction in patients with type 2 diabetes. American Journal of Physiology - Endocrinology and Metabolism, 2006, 291, E282-E290.	3.5	149
129	Conventional Cardiovascular Risk Factors and Metabolic Syndrome in Predicting Carotid Intima-Media Thickness Progression in Young Adults. Circulation, 2009, 120, 229-236.	1.6	149
130	The SGLT2 Inhibitor Dapagliflozin Reduces Liver Fat but Does Not Affect Tissue Insulin Sensitivity: A Randomized, Double-Blind, Placebo-Controlled Study With 8-Week Treatment in Type 2 Diabetes Patients. Diabetes Care, 2019, 42, 931-937.	8.6	147
131	FTO Genotype Is Associated with Body Mass Index after the Age of Seven Years But Not with Energy Intake or Leisure-Time Physical Activity. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 1281-1287.	3.6	146
132	Deletion of TOP3 ¹² , a component of FMRP-containing mRNPs, contributes to neurodevelopmental disorders. Nature Neuroscience, 2013, 16, 1228-1237.	14.8	144
133	FTO genetic variants, dietary intake and body mass index: insights from 177 330 individuals. Human Molecular Genetics, 2014, 23, 6961-6972.	2.9	143
134	High-throughput quantification of circulating metabolites improves prediction of subclinical atherosclerosis. European Heart Journal, 2012, 33, 2307-2316.	2.2	141
135	Circulating metabolites and the risk of type 2 diabetes: a prospective study of 11,896 young adults from four Finnish cohorts. Diabetologia, 2019, 62, 2298-2309.	6.3	141
136	Nine Loci for Ocular Axial Length Identified through Genome-wide Association Studies, Including Shared Loci with Refractive Error. American Journal of Human Genetics, 2013, 93, 264-277.	6.2	139
137	Effects of diabetes definition on global surveillance of diabetes prevalence and diagnosis: a pooled analysis of 96 population-based studies with 331 288 participants. Lancet Diabetes and Endocrinology, 2015, 3, 624-637.	11.4	139
138	metaCCA: summary statistics-based multivariate meta-analysis of genome-wide association studies using canonical correlation analysis. Bioinformatics, 2016, 32, 1981-1989.	4.1	138
139	Socioeconomic position, lifestyle habits and biomarkers of epigenetic aging: a multi-cohort analysis. Aging, 2019, 11, 2045-2070.	3.1	137
140	Genome-wide analysis of 102,084 migraine cases identifies 123 risk loci and subtype-specific risk alleles. Nature Genetics, 2022, 54, 152-160.	21.4	135
141	Genome-wide association meta-analyses and fine-mapping elucidate pathways influencing albuminuria. Nature Communications, 2019, 10, 4130.	12.8	133
142	Distinct child-to-adult body mass index trajectories are associated with different levels of adult cardiometabolic risk. European Heart Journal, 2018, 39, 2263-2270.	2.2	132
143	Obesity accelerates epigenetic aging in middle-aged but not in elderly individuals. Clinical Epigenetics, 2017, 9, 20.	4.1	128
144	Indoleamine 2,3-dioxygenase activity in nonagenarians is markedly increased and predicts mortality. Mechanisms of Ageing and Development, 2006, 127, 497-499.	4.6	127

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145	Indoleamine 2,3-dioxygenase enzyme activity correlates with risk factors for atherosclerosis: the Cardiovascular Risk in Young Finns Study. <i>Clinical and Experimental Immunology</i> , 2007, 148, 106-111.	2.6	127
146	Longitudinal Genome-Wide Association of Cardiovascular Disease Risk Factors in the Bogalusa Heart Study. <i>PLoS Genetics</i> , 2010, 6, e1001094.	3.5	126
147	Lifetime Risk Factors and Arterial Pulse Wave Velocity in Adulthood. <i>Hypertension</i> , 2010, 55, 806-811.	2.7	125
148	Adolescence Risk Factors Are Predictive of Coronary Artery Calcification at Middle Age. <i>Journal of the American College of Cardiology</i> , 2012, 60, 1364-1370.	2.8	125
149	Apolipoprotein E polymorphism, serum lipids, myocardial infarction and severity of angiographically verified coronary artery disease in men and women. <i>Atherosclerosis</i> , 1995, 114, 83-91.	0.8	123
150	Childhood Physical, Environmental, and Genetic Predictors of Adult Hypertension. <i>Circulation</i> , 2012, 126, 402-409.	1.6	123
151	Novel Blood Pressure Locus and Gene Discovery Using Genome-Wide Association Study and Expression Data Sets From Blood and the Kidney. <i>Hypertension</i> , 2017, 70, .	2.7	123
152	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> , 2018, 102, 375-400.	6.2	123
153	Fetal Growth and Preterm Birth Influence Cardiovascular Risk Factors and Arterial Health in Young Adults. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 2975-2981.	2.4	121
154	Serum TRACP 5b Is a Useful Marker for Monitoring Alendronate Treatment: Comparison With Other Markers of Bone Turnover. <i>Journal of Bone and Mineral Research</i> , 2005, 20, 1804-1812.	2.8	120
155	T-wave alternans predicts mortality in a population undergoing a clinically indicated exercise test. <i>European Heart Journal</i> , 2007, 28, 2332-2337.	2.2	119
156	GWAS and colocalization analyses implicate carotid intima-media thickness and carotid plaque loci in cardiovascular outcomes. <i>Nature Communications</i> , 2018, 9, 5141.	12.8	119
157	Cerebral MRI abnormalities and their association with neuropsychiatric manifestations in SLE: a population-based study. <i>Scandinavian Journal of Rheumatology</i> , 2005, 34, 376-382.	1.1	118
158	Genome-wide meta-analysis associates HLA-DQA1/DRB1 and LPA and lifestyle factors with human longevity. <i>Nature Communications</i> , 2017, 8, 910.	12.8	118
159	A combination of three common inherited mitochondrial DNA polymorphisms promotes longevity in Finnish and Japanese subjects. <i>European Journal of Human Genetics</i> , 2005, 13, 166-170.	2.8	115
160	A genome-wide association meta-analysis on lipoprotein (a) concentrations adjusted for apolipoprotein (a) isoforms. <i>Journal of Lipid Research</i> , 2017, 58, 1834-1844.	4.2	114
161	Genome-wide association study of kidney function decline in individuals of European descent. <i>Kidney International</i> , 2015, 87, 1017-1029.	5.2	113
162	52 Genetic Loci Influencing Myocardial Mass. <i>Journal of the American College of Cardiology</i> , 2016, 68, 1435-1448.	2.8	113

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163	Genome-wide analysis identifies novel susceptibility loci for myocardial infarction. <i>European Heart Journal</i> , 2021, 42, 919-933.	2.2	113
164	Novel loci associated with usual sleep duration: the CHARGE Consortium Genome-Wide Association Study. <i>Molecular Psychiatry</i> , 2015, 20, 1232-1239.	7.9	112
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313	Effects of weight loss on visceral and abdominal subcutaneous adipose tissue blood-flow and insulin-mediated glucose uptake in healthy obese subjects. <i>Annals of Medicine</i> , 2009, 41, 152-160.	3.8	55
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472	Genome-wide association study on dimethylarginines reveals novel AGXT2 variants associated with heart rate variability but not with overall mortality. <i>European Heart Journal</i> , 2014, 35, 524-531.	2.2	33
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612	QRS-T morphology measured from exercise electrocardiogram as a predictor of cardiac mortality. <i>Europace</i> , 2011, 13, 701-707.	1.7	22

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619	Altered Polyamine Profiles in Colorectal Cancer. <i>Anticancer Research</i> , 2018, 38, 3601-3607.	1.1	22
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622	Association of Non-High-Density Lipoprotein Cholesterol Measured in Adolescence, Young Adulthood, and Mid-Adulthood With Coronary Artery Calcification Measured in Mid-Adulthood. <i>JAMA Cardiology</i> , 2021, 6, 661.	6.1	22
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689	Interleukin-6 Modulates Plasma Cholesterol and C-Reactive Protein Concentrations in Nonagenarians. <i>Journal of the American Geriatrics Society</i> , 2005, 53, 1552-1558.	2.6	17
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699	Interleukin-6 gene polymorphism, chronic stress and atherosclerosis. <i>Journal of Psychosomatic Research</i> , 2014, 76, 333-338.	2.6	17
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701	Reference Values for Echocardiography in Middle-aged Population: The Cardiovascular Risk in Young Finns Study. <i>Echocardiography</i> , 2016, 33, 193-206.	0.9	17
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716	RGS4 polymorphism and response to electroconvulsive therapy in major depressive disorder. <i>Neuroscience Letters</i> , 2008, 437, 25-28.	2.1	16
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720	Novel associations for coronary artery disease derived from genome wide association studies are not associated with increased carotid intima-media thickness, suggesting they do not act via early atherosclerosis or vessel remodeling. <i>Atherosclerosis</i> , 2011, 219, 684-689.	0.8	16

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723	Common variation in fatty acid metabolic genes and risk of incident sudden cardiac arrest. <i>Heart Rhythm</i> , 2014, 11, 471-477.	0.7	16
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730	Maternal and infant characteristics connected to shared pleasure in dyadic interaction. <i>Infant Mental Health Journal</i> , 2019, 40, 459-478.	1.8	16
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735	The hepatic lipase gene C-480T polymorphism in the development of early coronary atherosclerosis: the Helsinki Sudden Death Study. <i>European Journal of Clinical Investigation</i> , 2007, 37, 472-477.	3.4	15
736	The association of myeloperoxidase promoter polymorphism with carotid atherosclerosis is abolished in patients with type 2 diabetes. <i>Clinical Biochemistry</i> , 2008, 41, 532-537.	1.9	15
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744	Metabolic profiles of socio-economic position: a multi-cohort analysis. International Journal of Epidemiology, 2021, 50, 768-782.	1.9	15
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748	Association of Apolipoprotein E and B Polymorphisms with Serum Lipids. Annals of Medicine, 1991, 23, 657-662.	3.8	14
749	The effect of short-term fasting, apolipoprotein E gene polymorphism, and sex on plasma lipids. American Journal of Clinical Nutrition, 1997, 66, 599-605.	4.7	14
750	Apolipoprotein E ϵ 4 allele in association with global cognitive performance and CSF markers in Alzheimer's disease. , 1998, 13, 767-774.		14
751	Apolipoprotein A-IV polymorphism in Saami and Finns: frequency and effect on serum lipid levels. Annals of Medicine, 1998, 30, 218-223.	3.8	14
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753	Dopamine receptor D2 α 141C Insertion/Deletion polymorphism in a Finnish population with schizophrenia. Psychiatry Research, 2003, 121, 89-92.	3.3	14
754	Adult-type hypolactasia is not a predisposing factor for the early functional and structural changes of atherosclerosis: the Cardiovascular Risk in Young Finns Study. Clinical Science, 2008, 115, 265-271.	4.3	14
755	Use of combined oral contraceptives alters metabolic determinants and genetic regulation of C-reactive protein. The Cardiovascular Risk in Young Finns Study. Scandinavian Journal of Clinical and Laboratory Investigation, 2009, 69, 168-174.	1.2	14
756	Moderating effect of indoleamine 2,3-dioxygenase (IDO) activation in the association between depressive symptoms and carotid atherosclerosis: Evidence from the Young Finns study. Journal of Affective Disorders, 2011, 133, 611-614.	4.1	14

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898	Impedance plethysmography-based method in the assessment of subclinical atherosclerosis. <i>Atherosclerosis</i> , 2021, 319, 101-107.	0.8	7
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903	Effects of cognac on coronary flow reserve and plasma antioxidant status in healthy young men. <i>Cardiovascular Ultrasound</i> , 2008, 6, 25.	1.6	6
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1063	Prevalence and long-term prognostic implications of prolonged QRS duration in left ventricular hypertrophy: a population-based observational cohort study. BMJ Open, 2022, 12, e053477.	1.9	0