

Terho Lehtimäki

List of Publications by Citations

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1,035
papers

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116
h-index

249
g-index

1,121
ext. papers

95,580
ext. citations

7.7
avg, IF

6.69
L-index

#	Paper	IF	Citations
1035	Genetic studies of body mass index yield new insights for obesity biology. <i>Nature</i> , 2015 , 518, 197-206	50.4	2687
1034	The mutational constraint spectrum quantified from variation in 141,456 humans. <i>Nature</i> , 2020 , 581, 434-443	50.4	2278
1033	Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. <i>Nature Genetics</i> , 2010 , 42, 937-48	36.3	2267
1032	Strong association of de novo copy number mutations with autism. <i>Science</i> , 2007 , 316, 445-9	33.3	2126
1031	Worldwide trends in diabetes since 1980: a pooled analysis of 751 population-based studies with 4.4 million participants. <i>Lancet, The</i> , 2016 , 387, 1513-1530	40	2039
1030	Discovery and refinement of loci associated with lipid levels. <i>Nature Genetics</i> , 2013 , 45, 1274-1283	36.3	1904
1029	Synaptic, transcriptional and chromatin genes disrupted in autism. <i>Nature</i> , 2014 , 515, 209-15	50.4	1581
1028	Genetic variants in novel pathways influence blood pressure and cardiovascular disease risk. <i>Nature</i> , 2011 , 478, 103-9	50.4	1564
1027	Hundreds of variants clustered in genomic loci and biological pathways affect human height. <i>Nature</i> , 2010 , 467, 832-8	50.4	1514
1026	Defining the role of common variation in the genomic and biological architecture of adult human height. <i>Nature Genetics</i> , 2014 , 46, 1173-86	36.3	1339
1025	A comprehensive 1,000 Genomes-based genome-wide association meta-analysis of coronary artery disease. <i>Nature Genetics</i> , 2015 , 47, 1121-1130	36.3	1290
1024	Large-scale association analysis identifies new risk loci for coronary artery disease. <i>Nature Genetics</i> , 2013 , 45, 25-33	36.3	1172
1023	New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , 2015 , 518, 187-196	50.4	920
1022	Genome-wide meta-analysis identifies 56 bone mineral density loci and reveals 14 loci associated with risk of fracture. <i>Nature Genetics</i> , 2012 , 44, 491-501	36.3	866
1021	Genome-wide association study identifies 74 loci associated with educational attainment. <i>Nature</i> , 2016 , 533, 539-42	50.4	850
1020	Integrative approaches for large-scale transcriptome-wide association studies. <i>Nature Genetics</i> , 2016 , 48, 245-52	36.3	843
1019	Meta-analysis identifies 13 new loci associated with waist-hip ratio and reveals sexual dimorphism in the genetic basis of fat distribution. <i>Nature Genetics</i> , 2010 , 42, 949-60	36.3	724

1018	Analysis of shared heritability in common disorders of the brain. <i>Science</i> , 2018 , 360,	33.3	666
1017	Genetic variants associated with subjective well-being, depressive symptoms, and neuroticism identified through genome-wide analyses. <i>Nature Genetics</i> , 2016 , 48, 624-33	36.3	602
1016	Common variants associated with plasma triglycerides and risk for coronary artery disease. <i>Nature Genetics</i> , 2013 , 45, 1345-52	36.3	597
1015	Causal relationship between obesity and vitamin D status: bi-directional Mendelian randomization analysis of multiple cohorts. <i>PLoS Medicine</i> , 2013 , 10, e1001383	11.6	592
1014	Large-Scale Exome Sequencing Study Implicates Both Developmental and Functional Changes in the Neurobiology of Autism. <i>Cell</i> , 2020 , 180, 568-584.e23	56.2	578
1013	GWAS of 126,559 individuals identifies genetic variants associated with educational attainment. <i>Science</i> , 2013 , 340, 1467-71	33.3	563
1012	Microduplications of 16p11.2 are associated with schizophrenia. <i>Nature Genetics</i> , 2009 , 41, 1223-7	36.3	550
1011	Cohort profile: the cardiovascular risk in Young Finns Study. <i>International Journal of Epidemiology</i> , 2008 , 37, 1220-6	7.8	510
1010	Genome-wide association analyses identify 18 new loci associated with serum urate concentrations. <i>Nature Genetics</i> , 2013 , 45, 145-54	36.3	505
1009	Risk of acute coronary events and serum concentration of asymmetrical dimethylarginine. <i>Lancet, The</i> , 2001 , 358, 2127-8	40	490
1008	Genome-wide association study identifies multiple loci influencing human serum metabolite levels. <i>Nature Genetics</i> , 2012 , 44, 269-76	36.3	441
1007	Genome-wide meta-analysis identifies 11 new loci for anthropometric traits and provides insights into genetic architecture. <i>Nature Genetics</i> , 2013 , 45, 501-12	36.3	437
1006	Rare and low-frequency coding variants alter human adult height. <i>Nature</i> , 2017 , 542, 186-190	50.4	412
1005	Genetic analysis of over 1 million people identifies 535 new loci associated with blood pressure traits. <i>Nature Genetics</i> , 2018 , 50, 1412-1425	36.3	386
1004	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	11.6	379
1003	Metabolite profiling and cardiovascular event risk: a prospective study of 3 population-based cohorts. <i>Circulation</i> , 2015 , 131, 774-85	16.7	367
1002	Association analyses based on false discovery rate implicate new loci for coronary artery disease. <i>Nature Genetics</i> , 2017 , 49, 1385-1391	36.3	361
1001	High-throughput serum NMR metabolomics for cost-effective holistic studies on systemic metabolism. <i>Analyst, The</i> , 2009 , 134, 1781-5	5	361

1000	Meta-analysis of 375,000 individuals identifies 38 susceptibility loci for migraine. <i>Nature Genetics</i> , 2016 , 48, 856-66	36.3	355
999	Endothelial dysfunction and increased arterial intima-media thickness in children with type 1 diabetes. <i>Circulation</i> , 2004 , 109, 1750-5	16.7	346
998	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, 584-90	3.6	338
997	Genome-wide association study identifies six new loci influencing pulse pressure and mean arterial pressure. <i>Nature Genetics</i> , 2011 , 43, 1005-11	36.3	338
996	Branched-chain and aromatic amino acids are predictors of insulin resistance in young adults. <i>Diabetes Care</i> , 2013 , 36, 648-55	14.6	336
995	Genome-wide study for circulating metabolites identifies 62 loci and reveals novel systemic effects of LPA. <i>Nature Communications</i> , 2016 , 7, 11122	17.4	335
994	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, 211-7	3.1	332
993	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	6	326
992	Rare variant in scavenger receptor BI raises HDL cholesterol and increases risk of coronary heart disease. <i>Science</i> , 2016 , 351, 1166-71	33.3	325
991	Genome-wide meta-analyses of multiethnicity cohorts identify multiple new susceptibility loci for refractive error and myopia. <i>Nature Genetics</i> , 2013 , 45, 314-8	36.3	314
990	Genetic associations at 53 loci highlight cell types and biological pathways relevant for kidney function. <i>Nature Communications</i> , 2016 , 7, 10023	17.4	295
989	A genome-wide association meta-analysis identifies new childhood obesity loci. <i>Nature Genetics</i> , 2012 , 44, 526-31	36.3	292
988	Multi-ethnic genome-wide association study for atrial fibrillation. <i>Nature Genetics</i> , 2018 , 50, 1225-1233	36.3	277
987	Sex-stratified genome-wide association studies including 270,000 individuals show sexual dimorphism in genetic loci for anthropometric traits. <i>PLoS Genetics</i> , 2013 , 9, e1003500	6	277
986	Genome-wide meta-analysis identifies new susceptibility loci for migraine. <i>Nature Genetics</i> , 2013 , 45, 912-917	36.3	276
985	Genome-wide associations for birth weight and correlations with adult disease. <i>Nature</i> , 2016 , 538, 248-252	52.4	266
984	Seventy-five genetic loci influencing the human red blood cell. <i>Nature</i> , 2012 , 492, 369-75	50.4	257
983	Elevated serum C-reactive protein levels and early arterial changes in healthy children. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002 , 22, 1323-8	9.4	255

982	Study of 300,486 individuals identifies 148 independent genetic loci influencing general cognitive function. <i>Nature Communications</i> , 2018 , 9, 2098	17.4	254
981	The genetics of blood pressure regulation and its target organs from association studies in 342,415 individuals. <i>Nature Genetics</i> , 2016 , 48, 1171-1184	36.3	251
980	Association of vitamin D status with arterial blood pressure and hypertension risk: a mendelian randomisation study. <i>Lancet Diabetes and Endocrinology</i> , 2014 , 2, 719-29	18.1	250
979	Multiancestry association study identifies new asthma risk loci that colocalize with immune-cell enhancer marks. <i>Nature Genetics</i> , 2018 , 50, 42-53	36.3	246
978	Distribution and medical impact of loss-of-function variants in the Finnish founder population. <i>PLoS Genetics</i> , 2014 , 10, e1004494	6	243
977	Genome-wide association analysis identifies susceptibility loci for migraine without aura. <i>Nature Genetics</i> , 2012 , 44, 777-82	36.3	243
976	Carotid artery intima-media thickness in children with type 1 diabetes. <i>Diabetes</i> , 2002 , 51, 493-8	0.9	237
975	High-dose statins and skeletal muscle metabolism in humans: a randomized, controlled trial. <i>Clinical Pharmacology and Therapeutics</i> , 2005 , 78, 60-8	6.1	233
974	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	36.3	232
973	The impact of low-frequency and rare variants on lipid levels. <i>Nature Genetics</i> , 2015 , 47, 589-97	36.3	229
972	Linkage of familial combined hyperlipidaemia to chromosome 1q21-q23. <i>Nature Genetics</i> , 1998 , 18, 369-73	36.3	226
971	Metabolic signatures of insulin resistance in 7,098 young adults. <i>Diabetes</i> , 2012 , 61, 1372-80	0.9	224
970	Trans-ancestry genome-wide association study identifies 12 genetic loci influencing blood pressure and implicates a role for DNA methylation. <i>Nature Genetics</i> , 2015 , 47, 1282-1293	36.3	223
969	Meta-analysis of Genome-wide Association Studies for Neuroticism, and the Polygenic Association With Major Depressive Disorder. <i>JAMA Psychiatry</i> , 2015 , 72, 642-50	14.5	222
968	The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study. <i>PLoS Genetics</i> , 2015 , 11, e1005378	6	220
967	Identification of heart rate-associated loci and their effects on cardiac conduction and rhythm disorders. <i>Nature Genetics</i> , 2013 , 45, 621-31	36.3	219
966	A catalog of genetic loci associated with kidney function from analyses of a million individuals. <i>Nature Genetics</i> , 2019 , 51, 957-972	36.3	217
965	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, 472-9	7.4	210

964	New biomarker evidence of oxidative DNA damage in patients with non-insulin-dependent diabetes mellitus. <i>FEBS Letters</i> , 1997 , 417, 150-2	3.8	205
963	Genome-wide association analysis identifies three new susceptibility loci for childhood body mass index. <i>Human Molecular Genetics</i> , 2016 , 25, 389-403	5.6	202
962	Genome-wide analysis identifies 12 loci influencing human reproductive behavior. <i>Nature Genetics</i> , 2016 , 48, 1462-1472	36.3	198
961	Metabolic signatures of adiposity in young adults: Mendelian randomization analysis and effects of weight change. <i>PLoS Medicine</i> , 2014 , 11, e1001765	11.6	193
960	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	3.7	193
959	WNT16 influences bone mineral density, cortical bone thickness, bone strength, and osteoporotic fracture risk. <i>PLoS Genetics</i> , 2012 , 8, e1002745	6	192
958	Ideal cardiovascular health in childhood and cardiometabolic outcomes in adulthood: the Cardiovascular Risk in Young Finns Study. <i>Circulation</i> , 2012 , 125, 1971-8	16.7	189
957	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	36.3	186
956	Maternal and fetal genetic effects on birth weight and their relevance to cardio-metabolic risk factors. <i>Nature Genetics</i> , 2019 , 51, 804-814	36.3	181
955	New loci for body fat percentage reveal link between adiposity and cardiometabolic disease risk. <i>Nature Communications</i> , 2016 , 7, 10495	17.4	180
954	Large-scale analyses of common and rare variants identify 12 new loci associated with atrial fibrillation. <i>Nature Genetics</i> , 2017 , 49, 946-952	36.3	176
953	Unraveling the polygenic architecture of complex traits using blood eQTL metaanalysis		175
952	Genome-wide association study in 79,366 European-ancestry individuals informs the genetic architecture of 25-hydroxyvitamin D levels. <i>Nature Communications</i> , 2018 , 9, 260	17.4	174
951	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	36.3	170
950	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, 940-7	36.3	168
949	Autoantibodies against oxidized low density lipoprotein in patients with angiographically verified coronary artery disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1999 , 19, 23-7	9.4	168
948	Genome-wide meta-analysis identifies six novel loci associated with habitual coffee consumption. <i>Molecular Psychiatry</i> , 2015 , 20, 647-656	15.1	167
947	Genome-wide meta-analysis of observational studies shows common genetic variants associated with macronutrient intake. <i>American Journal of Clinical Nutrition</i> , 2013 , 97, 1395-402	7	161

946	Circulating metabolite predictors of glycemia in middle-aged men and women. <i>Diabetes Care</i> , 2012 , 35, 1749-56	14.6	159
945	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, 124-8	9.4	157
944	New genetic signals for lung function highlight pathways and chronic obstructive pulmonary disease associations across multiple ancestries. <i>Nature Genetics</i> , 2019 , 51, 481-493	36.3	156
943	Long-term and recent trends in hypertension awareness, treatment, and control in 12 high-income countries: an analysis of 123 nationally representative surveys. <i>Lancet, The</i> , 2019 , 394, 639-651	40	156
942	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, 242-9		153
941	Genetically determined height and coronary artery disease. <i>New England Journal of Medicine</i> , 2015 , 372, 1608-18	59.2	152
940	Genome Analyses of >200,000 Individuals Identify 58 Loci for Chronic Inflammation and Highlight Pathways that Link Inflammation and Complex Disorders. <i>American Journal of Human Genetics</i> , 2018 , 103, 691-706	11	151
939	KLB 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	11.5	150
938	Common polymorphism in the oxytocin receptor gene (OXTR) is associated with human social recognition skills. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 1987-92	11.5	150
937	Genetic determinants of serum testosterone concentrations in men. <i>PLoS Genetics</i> , 2011 , 7, e1002313	6	148
936	Age-dependent association of apolipoprotein E genotype with coronary and aortic atherosclerosis in middle-aged men: an autopsy study. <i>Circulation</i> , 1999 , 100, 608-13	16.7	145
935	Genome-wide association and functional follow-up reveals new loci for kidney function. <i>PLoS Genetics</i> , 2012 , 8, e1002584	6	143
934	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, 2735-47	5.6	138
933	Long-term leisure-time physical activity and serum metabolome. <i>Circulation</i> , 2013 , 127, 340-8	16.7	136
932	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, 1745-51	9.5	136
931	Genome-wide association meta-analysis highlights light-induced signaling as a driver for refractive error. <i>Nature Genetics</i> , 2018 , 50, 834-848	36.3	135
930	A metabolic view on menopause and ageing. <i>Nature Communications</i> , 2014 , 5, 4708	17.4	134
929	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, 3238-51	3.8	134

928	Genome-wide Association Study Identifies 27 Loci Influencing Concentrations of Circulating Cytokines and Growth Factors. <i>American Journal of Human Genetics</i> , 2017 , 100, 40-50	11	133
927	FTO genotype is associated with body mass index after the age of seven years but not with energy intake or leisure-time physical activity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009 , 94, 1281-7	5.6	128
926	Conventional cardiovascular risk factors and metabolic syndrome in predicting carotid intima-media thickness progression in young adults: the cardiovascular risk in young Finns study. <i>Circulation</i> , 2009 , 120, 229-36	16.7	126
925	Novel Loci for metabolic networks and multi-tissue expression studies reveal genes for atherosclerosis. <i>PLoS Genetics</i> , 2012 , 8, e1002907	6	125
924	Liver steatosis coexists with myocardial insulin resistance and coronary dysfunction in patients with type 2 diabetes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2006 , 291, E282-90	6	124
923	Target genes, variants, tissues and transcriptional pathways influencing human serum urate levels. <i>Nature Genetics</i> , 2019 , 51, 1459-1474	36.3	122
922	Meta-analysis of Genome-Wide Association Studies for Extraversion: Findings from the Genetics of Personality Consortium. <i>Behavior Genetics</i> , 2016 , 46, 170-82	3.2	122
921	FTO genetic variants, dietary intake and body mass index: insights from 177,330 individuals. <i>Human Molecular Genetics</i> , 2014 , 23, 6961-72	5.6	120
920	Directional dominance on stature and cognition in diverse human populations. <i>Nature</i> , 2015 , 523, 459-462	30.4	119
919	Nine loci for ocular axial length identified through genome-wide association studies, including shared loci with refractive error. <i>American Journal of Human Genetics</i> , 2013 , 93, 264-77	11	116
918	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	6	116
917	The Biomarker GlycA Is Associated with Chronic Inflammation and Predicts Long-Term Risk of Severe Infection. <i>Cell Systems</i> , 2015 , 1, 293-301	10.6	113
916	A genome-wide approach to children's aggressive behavior: The EAGLE consortium. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2016 , 171, 562-72	3.5	111
915	Deletion of TOP3A component of FMRP-containing mRNPs, contributes to neurodevelopmental disorders. <i>Nature Neuroscience</i> , 2013 , 16, 1228-1237	25.5	110
914	Effects of diabetes definition on global surveillance of diabetes prevalence and diagnosis: a pooled analysis of 96 population-based studies with 331,288 participants. <i>Lancet Diabetes and Endocrinology</i> , 2015 , 3, 624-37	18.1	109
913	Adolescence risk factors are predictive of coronary artery calcification at middle age: the cardiovascular risk in young Finns study. <i>Journal of the American College of Cardiology</i> , 2012 , 60, 1364-70	15.1	109
912	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	3.1	109
911	T-wave alternans predicts mortality in a population undergoing a clinically indicated exercise test. <i>European Heart Journal</i> , 2007 , 28, 2332-7	9.5	108

910	Genome-wide meta-analysis uncovers novel loci influencing circulating leptin levels. <i>Nature Communications</i> , 2016 , 7, 10494	17.4	107
909	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, 166-70	5.3	107
908	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	15.1	106
907	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	15.1	106
906	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	17.4	105
905	Longitudinal genome-wide association of cardiovascular disease risk factors in the Bogalusa heart study. <i>PLoS Genetics</i> , 2010 , 6, e1001094	6	105
904	Fetal growth and preterm birth influence cardiovascular risk factors and arterial health in young adults: the Cardiovascular Risk in Young Finns Study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011 , 31, 2975-81	9.4	103
903	Baseline diene conjugation in LDL lipids as a direct measure of in vivo LDL oxidation. <i>Clinical Biochemistry</i> , 1998 , 31, 257-61	3.5	103
902	Genome-wide physical activity interactions in adiposity - A meta-analysis of 200,452 adults. <i>PLoS Genetics</i> , 2017 , 13, e1006528	6	103
901	A meta-analysis of genome-wide association studies identifies multiple longevity genes. <i>Nature Communications</i> , 2019 , 10, 3669	17.4	102
900	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, 106-11	6.2	102
899	Lifetime risk factors and arterial pulse wave velocity in adulthood: the cardiovascular risk in young Finns study. <i>Hypertension</i> , 2010 , 55, 806-11	8.5	101
898	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, 1804-12	6.3	101
897	Cerebral MRI abnormalities and their association with neuropsychiatric manifestations in SLE: a population-based study. <i>Scandinavian Journal of Rheumatology</i> , 2005 , 34, 376-82	1.9	98
896	5-HTR1A, 5-HTR2A, 5-HTR6, TPH1 and TPH2 polymorphisms and major depression. <i>NeuroReport</i> , 2009 , 20, 1125-8	1.7	97
895	Indoleamine 2,3-dioxygenase activity in nonagenarians is markedly increased and predicts mortality. <i>Mechanisms of Ageing and Development</i> , 2006 , 127, 497-9	5.6	97
894	The Polygenic and Monogenic Basis of Blood Traits and Diseases. <i>Cell</i> , 2020 , 182, 1214-1231.e11	56.2	96
893	Trends in serum lipid levels during 1980-1992 in children and young adults. The Cardiovascular Risk in Young Finns Study. <i>American Journal of Epidemiology</i> , 1997 , 146, 64-77	3.8	95

892	High-throughput quantification of circulating metabolites improves prediction of subclinical atherosclerosis. <i>European Heart Journal</i> , 2012 , 33, 2307-16	9.5	92
891	Longitudinal stability of CSF tau levels in Alzheimer patients. <i>Biological Psychiatry</i> , 1999 , 46, 750-5	7.9	91
890	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	1.2	90
889	Genetic variants linked to education predict longevity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 13366-13371	11.5	90
888	Effect of weight loss on liver free fatty acid uptake and hepatic insulin resistance. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009 , 94, 50-5	5.6	90
887	Genome-wide association studies of asthma in population-based cohorts confirm known and suggested loci and identify an additional association near HLA. <i>PLoS ONE</i> , 2012 , 7, e44008	3.7	89
886	Obesity accelerates epigenetic aging in middle-aged but not in elderly individuals. <i>Clinical Epigenetics</i> , 2017 , 9, 20	7.7	88
885	Determinants of arterial nitrate-mediated dilatation in children: role of oxidized low-density lipoprotein, endothelial function, and carotid intima-media thickness. <i>Circulation</i> , 2004 , 109, 2885-9	16.7	88
884	Coronary artery complicated lesion area is related to functional polymorphism of matrix metalloproteinase 9 gene: an autopsy study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2001 , 21, 1446-50	9.4	88
883	Trans-ethnic and Ancestry-Specific Blood-Cell Genetics in 746,667 Individuals from 5 Global Populations. <i>Cell</i> , 2020 , 182, 1198-1213.e14	56.2	88
882	Genetic determinants of trabecular and cortical volumetric bone mineral densities and bone microstructure. <i>PLoS Genetics</i> , 2013 , 9, e1003247	6	87
881	Distinct child-to-adult body mass index trajectories are associated with different levels of adult cardiometabolic risk. <i>European Heart Journal</i> , 2018 , 39, 2263-2270	9.5	86
880	Metabolic profiling of pregnancy: cross-sectional and longitudinal evidence. <i>BMC Medicine</i> , 2016 , 14, 205	11.4	85
879	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 ,	8.5	85
878	A genome-wide meta-analysis of association studies of Cloninger's Temperament Scales. <i>Translational Psychiatry</i> , 2012 , 2, e116	8.6	85
877	In vivo low density lipoprotein oxidation relates to coronary reactivity in young men. <i>Journal of the American College of Cardiology</i> , 1997 , 30, 97-102	15.1	84
876	Genome-wide association study of kidney function decline in individuals of European descent. <i>Kidney International</i> , 2015 , 87, 1017-29	9.9	83
875	Childhood physical, environmental, and genetic predictors of adult hypertension: the cardiovascular risk in young Finns study. <i>Circulation</i> , 2012 , 126, 402-9	16.7	83

874	Decreased skeletal muscle mitochondrial DNA in patients treated with high-dose simvastatin. <i>Clinical Pharmacology and Therapeutics</i> , 2007 , 81, 650-3	6.1	82
873	Genomics of 1 million parent lifespans implicates novel pathways and common diseases and distinguishes survival chances. <i>ELife</i> , 2019 , 8,	8.9	82
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870	Harmonization of Neuroticism and Extraversion phenotypes across inventories and cohorts in the Genetics of Personality Consortium: an application of Item Response Theory. <i>Behavior Genetics</i> , 2014 , 44, 295-313	3.2	80
869	A Genome-Wide Association Study of a Biomarker of Nicotine Metabolism. <i>PLoS Genetics</i> , 2015 , 11, e1005498		80
868	Enhancement of insulin-stimulated myocardial glucose uptake in patients with Type 2 diabetes treated with rosiglitazone. <i>Diabetic Medicine</i> , 2004 , 21, 1280-7	3.5	80
867	Meta-analysis of gene-environment-wide association scans accounting for education level identifies additional loci for refractive error. <i>Nature Communications</i> , 2016 , 7, 11008	17.4	79
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863	Migraine without aura: genome-wide association analysis identifies several novel susceptibility. <i>Journal of Headache and Pain</i> , 2013 , 14,	8.8	78
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859	Sympathetic activity-associated periodic repolarization dynamics predict mortality following myocardial infarction. <i>Journal of Clinical Investigation</i> , 2014 , 124, 2808-2808	15.9	78
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852	Lifetime fruit and vegetable consumption and arterial pulse wave velocity in adulthood: the Cardiovascular Risk in Young Finns Study. <i>Circulation</i> , 2010 , 122, 2521-8	16.7	76
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849	Detailed metabolic and genetic characterization reveals new associations for 30 known lipid loci. <i>Human Molecular Genetics</i> , 2012 , 21, 1444-55	5.6	74
848	Toll-like receptor 7 protects from atherosclerosis by constraining "inflammatory" macrophage activation. <i>Circulation</i> , 2012 , 126, 952-62	16.7	73
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408	Childhood serum cholesterol ester fatty acids are associated with blood pressure 27 y later in the Cardiovascular Risk in Young Finns Study. <i>American Journal of Clinical Nutrition</i> , 2012 , 95, 1422-31	7	15
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253	Neuropeptide Y signal peptide Pro7 substitution protects against coronary artery atherosclerosis: the Helsinki Sudden Death Study. <i>Atherosclerosis</i> , 2008 , 199, 445-50	3.1	8
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246	Apolipoprotein E phenotypes and plasma lipids in diabetic children and adolescents. <i>European Journal of Pediatrics</i> , 1993 , 152, 564-8	4.1	8
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243	Evolution of genetic networks for human creativity. <i>Molecular Psychiatry</i> , 2021 ,	15.1	8
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237	Association study of arcuate nucleus neuropeptide Y neuron receptor gene variation and serum NPY levels in clozapine treated patients with schizophrenia. <i>European Psychiatry</i> , 2017 , 40, 13-19	6	7
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211	Effects of cognac on coronary flow reserve and plasma antioxidant status in healthy young men. <i>Cardiovascular Ultrasound</i> , 2008 , 6, 25	2.4	6
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205	Increased tooth brushing frequency is associated with reduced gingival pocket bacterial diversity in patients with intracranial aneurysms. <i>PeerJ</i> , 2019 , 7, e6316	3.1	6
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184	Mitochondrial diabetes is associated with insulin resistance in subcutaneous adipose tissue but not with increased liver fat content. <i>Journal of Inherited Metabolic Disease</i> , 2011 , 34, 1205-12	5.4	5
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179	The effects of apoA-I/C-III/A-IV, apoE and apoB polymorphisms on carotid artery intima-media thickness. <i>Future Cardiology</i> , 2006 , 2, 179-86	1.3	5
178	Survival related to plasma C-reactive-protein in nonagenarians is modified by apolipoprotein E genotype. <i>Clinical Chemistry</i> , 2007 , 53, 365-7	5.5	5
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176	Similarity of salivary microbiome in parents and adult children. <i>PeerJ</i> , 2020 , 8, e8799	3.1	5
175	Cohort Description for MADDEC [Mass Data in Detection and Prevention of Serious Adverse Events in Cardiovascular Disease. <i>IFMBE Proceedings</i> , 2018 , 1113-1116	0.2	5
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160	No association of nineteen COX-2 gene variants to preclinical markers of atherosclerosis The Cardiovascular Risk in Young Finns Study. <i>BMC Medical Genetics</i> , 2012 , 13, 32	2.1	4
159	Complementary prediction of cardiovascular events by estimated apo- and lipoprotein concentrations in the working age population. The Health 2000 Study. <i>Annals of Medicine</i> , 2013 , 45, 141-8	1.5	4
158	Diagnostic performance of plasma high sensitive C-reactive protein in detecting three-vessel coronary artery disease: modification by apolipoprotein E genotype. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2008 , 68, 714-9	2	4
157	Association of the apolipoprotein E gene, its promoter polymorphisms and haplotypes with depressive symptoms. The Cardiovascular Risk in Young Finns Study. <i>Neuropsychobiology</i> , 2008 , 58, 91-6	4	4
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155	Seropositivity for Helicobacter pylori antibodies is associated with lower occurrence of venous bypass graft occlusion. <i>Scandinavian Journal of Infectious Diseases</i> , 2004 , 36, 601-3		4

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109	Physical Activity Associates with Muscle Insulin Sensitivity Postbariatric Surgery. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 278-287	1.2	3
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107	Cardiorespiratory fitness and heart rate recovery predict sudden cardiac death independent of ejection fraction. <i>Heart</i> , 2020 , 106, 434-440	5.1	3
106	Influence of early-life body mass index and systolic blood pressure on left ventricle in adulthood - the Cardiovascular Risk in Young Finns Study. <i>Annals of Medicine</i> , 2021 , 53, 160-168	1.5	3
105	Risky emotional family environment in childhood and depression-related cytokines in adulthood: The protective role of compassion. <i>Developmental Psychobiology</i> , 2021 , 63, 1190-1201	3	3
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