Mika Khnen

List of Publications by Citations

653 papers	45,340 citations	98 h-index	196 g-index
709 ext. papers	56,584 ext. citations	8.5 avg, IF	6.17 L-index

#	Paper	IF	Citations
653	Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. *Nature Genetics*, **2010**, 42, 937-48	36.3	2267
652	Discovery and refinement of loci associated with lipid levels. *Nature Genetics*, **2013**, 45, 1274-1283	36.3	1904
651	Genetic variants in novel pathways influence blood pressure and cardiovascular disease risk. *Nature* , **2011**, 478, 103-9	50.4	1564
650	Hundreds of variants clustered in genomic loci and biological pathways affect human height. *Nature*, **2010**, 467, 832-8	50.4	1514
649	Cardiovascular risk factors in childhood and carotid artery intima-media thickness in adulthood: the Cardiovascular Risk in Young Finns Study. *JAMA - Journal of the American Medical Association*, **2003**, 290, 2277-83	27.4	1244
648	Large-scale association analysis identifies new risk loci for coronary artery disease. *Nature Genetics*, **2013**, 45, 25-33	36.3	1172
647	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	36.3	866
646	Genome-wide association study identifies 74 loci associated with educational attainment. *Nature*, **2016**, 533, 539-42	50.4	850
645	Integrative approaches for large-scale transcriptome-wide association studies. *Nature Genetics*, **2016**, 48, 245-52	36.3	843
644	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, 949-60	36.3	724
643	Common variants associated with plasma triglycerides and risk for coronary artery disease. *Nature Genetics*, **2013**, 45, 1345-52	36.3	597
642	GWAS of 126,559 individuals identifies genetic variants associated with educational attainment. *Science*, **2013**, 340, 1467-71	33.3	563
641	Cohort profile: the cardiovascular risk in Young Finns Study. *International Journal of Epidemiology*, **2008**, 37, 1220-6	7.8	510
640	Genome-wide association analyses identify 18 new loci associated with serum urate concentrations. *Nature Genetics*, **2013**, 45, 145-54	36.3	505
639	Genome-wide association study identifies multiple loci influencing human serum metabolite levels. *Nature Genetics*, **2012**, 44, 269-76	36.3	441
638	Genome-wide meta-analysis identifies 11 new loci for anthropometric traits and provides insights into genetic architecture. *Nature Genetics*, **2013**, 45, 501-12	36.3	437
637	Genome-wide association study identifies five loci associated with lung function. *Nature Genetics*, **2010**, 42, 36-44	36.3	430

636	Rare and low-frequency coding variants alter human adult height. *Nature*, **2017**, 542, 186-190	50.4	412
635	Genetic analysis of over 1 million people identifies 535 new loci associated with blood pressure traits. *Nature Genetics*, **2018**, 50, 1412-1425	36.3	386
634	Physical activity attenuates the influence of FTO variants on obesity risk: a meta-analysis of 218,166 adults and 19,268 children. *PLoS Medicine*, **2011**, 8, e1001116	11.6	379
633	Metabolite profiling and cardiovascular event risk: a prospective study of 3 population-based cohorts. *Circulation*, **2015**, 131, 774-85	16.7	367
632	High-throughput serum NMR metabonomics for cost-effective holistic studies on systemic metabolism. *Analyst, The*, **2009**, 134, 1781-5	5	361
631	Tracking of serum lipid levels, blood pressure, and body mass index from childhood to adulthood: the Cardiovascular Risk in Young Finns Study. *Journal of Pediatrics*, **2011**, 159, 584-90	3.6	338
630	Genome-wide association study identifies six new loci influencing pulse pressure and mean arterial pressure. *Nature Genetics*, **2011**, 43, 1005-11	36.3	338
629	Branched-chain and aromatic amino acids are predictors of insulin resistance in young adults. *Diabetes Care*, **2013**, 36, 648-55	14.6	336
628	Genome-wide study for circulating metabolites identifies 62 loci and reveals novel systemic effects of LPA. *Nature Communications*, **2016**, 7, 11122	17.4	335
627	miR-21, miR-210, miR-34a, and miR-146a/b are up-regulated in human atherosclerotic plaques in the Tampere Vascular Study. *Atherosclerosis*, **2011**, 219, 211-7	3.1	332
626	Novel loci for adiponectin levels and their influence on type 2 diabetes and metabolic traits: a multi-ethnic meta-analysis of 45,891 individuals. *PLoS Genetics*, **2012**, 8, e1002607	6	326
625	Rare variant in scavenger receptor BI raises HDL cholesterol and increases risk of coronary heart disease. *Science*, **2016**, 351, 1166-71	33.3	325
624	Genome-wide meta-analyses of multiancestry cohorts identify multiple new susceptibility loci for refractive error and myopia. *Nature Genetics*, **2013**, 45, 314-8	36.3	314
623	Genome-wide association and large-scale follow up identifies 16 new loci influencing lung function. *Nature Genetics*, **2011**, 43, 1082-90	36.3	313
622	Genetic associations at 53 loci highlight cell types and biological pathways relevant for kidney function. *Nature Communications*, **2016**, 7, 10023	17.4	295
621	Multi-ethnic genome-wide association study for atrial fibrillation. *Nature Genetics*, **2018**, 50, 1225-1233	36.3	277
620	Risk factors identified in childhood and decreased carotid artery elasticity in adulthood: the Cardiovascular Risk in Young Finns Study. *Circulation*, **2005**, 112, 1486-93	16.7	275
619	Genome-wide associations for birth weight and correlations with adult disease. *Nature*, **2016**, 538, 248-252	36.4	266

618	Seventy-five genetic loci influencing the human red blood cell. *Nature*, **2012**, 492, 369-75	50.4	257
617	Study of 300,486 individuals identifies 148 independent genetic loci influencing general cognitive function. *Nature Communications*, **2018**, 9, 2098	17.4	254
616	The genetics of blood pressure regulation and its target organs from association studies in 342,415 individuals. *Nature Genetics*, **2016**, 48, 1171-1184	36.3	251
615	Multiancestry association study identifies new asthma risk loci that colocalize with immune-cell enhancer marks. *Nature Genetics*, **2018**, 50, 42-53	36.3	246
614	Influence of age on associations between childhood risk factors and carotid intima-media thickness in adulthood: the Cardiovascular Risk in Young Finns Study, the Childhood Determinants of Adult Health Study, the Bogalusa Heart Study, and the Muscatine Study for the International Childhood Cardiovascular Cohort (i3C) Consortium. *Circulation*, **2010**, 122, 2514-20	16.7	231
613	Metabolic signatures of insulin resistance in 7,098 young adults. *Diabetes*, **2012**, 61, 1372-80	0.9	224
612	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	36.3	223
611	The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study. *PLoS Genetics*, **2015**, 11, e1005378	6	220
610	Identification of heart rate-associated loci and their effects on cardiac conduction and rhythm disorders. *Nature Genetics*, **2013**, 45, 621-31	36.3	219
609	A catalog of genetic loci associated with kidney function from analyses of a million individuals. *Nature Genetics*, **2019**, 51, 957-972	36.3	217
608	Genome-wide association analysis identifies three new susceptibility loci for childhood body mass index. *Human Molecular Genetics*, **2016**, 25, 389-403	5.6	202
607	Pediatric metabolic syndrome predicts adulthood metabolic syndrome, subclinical atherosclerosis, and type 2 diabetes mellitus but is no better than body mass index alone: the Bogalusa Heart Study and the Cardiovascular Risk in Young Finns Study. *Circulation*, **2010**, 122, 1604-11	16.7	200
606	Genetic association study of QT interval highlights role for calcium signaling pathways in myocardial repolarization. *Nature Genetics*, **2014**, 46, 826-36	36.3	199
605	Genome-wide analysis identifies 12 loci influencing human reproductive behavior. *Nature Genetics*, **2016**, 48, 1462-1472	36.3	198
604	Metabolic signatures of adiposity in young adults: Mendelian randomization analysis and effects of weight change. *PLoS Medicine*, **2014**, 11, e1001765	11.6	193
603	WNT16 influences bone mineral density, cortical bone thickness, bone strength, and osteoporotic fracture risk. *PLoS Genetics*, **2012**, 8, e1002745	6	192
602	Ideal cardiovascular health in childhood and cardiometabolic outcomes in adulthood: the Cardiovascular Risk in Young Finns Study. *Circulation*, **2012**, 125, 1971-8	16.7	189
601	Protein-altering variants associated with body mass index implicate pathways that control energy intake and expenditure in obesity. *Nature Genetics*, **2018**, 50, 26-41	36.3	186

600	Maternal and fetal genetic effects on birth weight and their relevance to cardio-metabolic risk factors. *Nature Genetics*, **2019**, 51, 804-814	36.3	181
599	New loci for body fat percentage reveal link between adiposity and cardiometabolic disease risk. *Nature Communications*, **2016**, 7, 10495	17.4	180
598	Large-scale analyses of common and rare variants identify 12 new loci associated with atrial fibrillation. *Nature Genetics*, **2017**, 49, 946-952	36.3	176
597	Unraveling the polygenic architecture of complex traits using blood eQTL metaanalysis		175
596	Genome-wide association study in 79,366 European-ancestry individuals informs the genetic architecture of 25-hydroxyvitamin D levels. *Nature Communications*, **2018**, 9, 260	17.4	174
595	Combined effects of child and adult elevated blood pressure on subclinical atherosclerosis: the International Childhood Cardiovascular Cohort Consortium. *Circulation*, **2013**, 128, 217-24	16.7	172
594	Genome-wide association analyses for lung function and chronic obstructive pulmonary disease identify new loci and potential druggable targets. *Nature Genetics*, **2017**, 49, 416-425	36.3	170
593	Meta-analysis of genome-wide association studies from the CHARGE consortium identifies common variants associated with carotid intima media thickness and plaque. *Nature Genetics*, **2011**, 43, 940-7	36.3	168
592	Genome-wide meta-analysis identifies six novel loci associated with habitual coffee consumption. *Molecular Psychiatry*, **2015**, 20, 647-656	15.1	167
591	Genome-wide meta-analysis of observational studies shows common genetic variants associated with macronutrient intake. *American Journal of Clinical Nutrition*, **2013**, 97, 1395-402	7	161
590	Circulating metabolite predictors of glycemia in middle-aged men and women. *Diabetes Care*, **2012**, 35, 1749-56	14.6	159
589	New genetic signals for lung function highlight pathways and chronic obstructive pulmonary disease associations across multiple ancestries. *Nature Genetics*, **2019**, 51, 481-493	36.3	156
588	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. *Circulation: Cardiovascular Genetics*, **2012**, 5, 242-9		153
587	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	11	151
586	Genetic determinants of serum testosterone concentrations in men. *PLoS Genetics*, **2011**, 7, e1002313	6	148
585	Association of genetic variation with systolic and diastolic blood pressure among African Americans: the Candidate Gene Association Resource study. *Human Molecular Genetics*, **2011**, 20, 2273-84	5.6	146
584	Genome-wide association and functional follow-up reveals new loci for kidney function. *PLoS Genetics*, **2012**, 8, e1002584	6	143
583	Genome-wide association and longitudinal analyses reveal genetic loci linking pubertal height growth, pubertal timing and childhood adiposity. *Human Molecular Genetics*, **2013**, 22, 2735-47	5.6	138

582	Long-term leisure-time physical activity and serum metabolome. *Circulation*, **2013**, 127, 340-8	16.7	136
581	Life-time risk factors and progression of carotid atherosclerosis in young adults: the Cardiovascular Risk in Young Finns study. *European Heart Journal*, **2010**, 31, 1745-51	9.5	136
580	A metabolic view on menopause and ageing. *Nature Communications*, **2014**, 5, 4708	17.4	134
579	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. *Evolution; International Journal of Organic Evolution*, **2012**, 66, 3238-51	3.8	134
578	Genome-wide Association Study Identifies 27 Loci Influencing Concentrations of Circulating Cytokines and Growth Factors. *American Journal of Human Genetics*, **2017**, 100, 40-50	11	133
577	Effect of age and sex on carotid intima-media thickness, elasticity and brachial endothelial function in healthy adults: the cardiovascular risk in Young Finns Study. *European Heart Journal*, **2008**, 29, 1198-206	9.5	130
576	Conventional cardiovascular risk factors and metabolic syndrome in predicting carotid intima-media thickness progression in young adults: the cardiovascular risk in young Finns study. *Circulation*, **2009**, 120, 229-36	16.7	126
575	Novel Loci for metabolic networks and multi-tissue expression studies reveal genes for atherosclerosis. *PLoS Genetics*, **2012**, 8, e1002907	6	125
574	Target genes, variants, tissues and transcriptional pathways influencing human serum urate levels. *Nature Genetics*, **2019**, 51, 1459-1474	36.3	122
573	Directional dominance on stature and cognition in diverse human populations. *Nature*, **2015**, 523, 459-462	50.4	119
572	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, 264-77	11	116
571	A genome-wide association meta-analysis of circulating sex hormone-binding globulin reveals multiple Loci implicated in sex steroid hormone regulation. *PLoS Genetics*, **2012**, 8, e1002805	6	116
570	Childhood levels of serum apolipoproteins B and A-I predict carotid intima-media thickness and brachial endothelial function in adulthood: the cardiovascular risk in young Finns study. *Journal of the American College of Cardiology*, **2008**, 52, 293-9	15.1	114
569	The Biomarker GlycA Is Associated with Chronic Inflammation and Predicts Long-Term Risk of Severe Infection. *Cell Systems*, **2015**, 1, 293-301	10.6	113
568	Brachial artery flow-mediated dilation and asymmetrical dimethylarginine in the cardiovascular risk in young Finns study. *Circulation*, **2007**, 116, 1367-73	16.7	113
567	Effect of five genetic variants associated with lung function on the risk of chronic obstructive lung disease, and their joint effects on lung function. *American Journal of Respiratory and Critical Care Medicine*, **2011**, 184, 786-95	10.2	112
566	Adolescence risk factors are predictive of coronary artery calcification at middle age: the cardiovascular risk in young Finns study. *Journal of the American College of Cardiology*, **2012**, 60, 1364-70	15.1	109
565	T-wave alternans predicts mortality in a population undergoing a clinically indicated exercise test. *European Heart Journal*, **2007**, 28, 2332-7	9.5	108

564	Genome-wide meta-analysis uncovers novel loci influencing circulating leptin levels. *Nature Communications*, **2016**, 7, 10494	17.4	107
563	Metabolomic Profiling of Statin Use and Genetic Inhibition of HMG-CoA Reductase. *Journal of the American College of Cardiology*, **2016**, 67, 1200-1210	15.1	106
562	Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits. *Nature Communications*, **2017**, 8, 14977	17.4	105
561	Longitudinal genome-wide association of cardiovascular disease risk factors in the Bogalusa heart study. *PLoS Genetics*, **2010**, 6, e1001094	6	105
560	Genome-wide association analysis identifies six new loci associated with forced vital capacity. *Nature Genetics*, **2014**, 46, 669-77	36.3	104
559	Fetal growth and preterm birth influence cardiovascular risk factors and arterial health in young adults: the Cardiovascular Risk in Young Finns Study. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2011**, 31, 2975-81	9.4	103
558	Genome-wide physical activity interactions in adiposity - A meta-analysis of 200,452 adults. *PLoS Genetics*, **2017**, 13, e1006528	6	103
557	A meta-analysis of genome-wide association studies identifies multiple longevity genes. *Nature Communications*, **2019**, 10, 3669	17.4	102
556	Lifetime risk factors and arterial pulse wave velocity in adulthood: the cardiovascular risk in young Finns study. *Hypertension*, **2010**, 55, 806-11	8.5	101
555	The Polygenic and Monogenic Basis of Blood Traits and Diseases. *Cell*, **2020**, 182, 1214-1231.e11	56.2	96
554	Mendelian randomization studies do not support a causal role for reduced circulating adiponectin levels in insulin resistance and type 2 diabetes. *Diabetes*, **2013**, 62, 3589-98	0.9	95
553	High-throughput quantification of circulating metabolites improves prediction of subclinical atherosclerosis. *European Heart Journal*, **2012**, 33, 2307-16	9.5	92
552	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. *Alzheimeris and Dementia*, **2018**, 14, 723-733	1.2	90
551	Genetic variants linked to education predict longevity. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 13366-13371	11.5	90
550	Genome-wide association studies of asthma in population-based cohorts confirm known and suggested loci and identify an additional association near HLA. *PLoS ONE*, **2012**, 7, e44008	3.7	89
549	Obesity accelerates epigenetic aging in middle-aged but not in elderly individuals. *Clinical Epigenetics*, **2017**, 9, 20	7.7	88
548	Trans-ethnic and Ancestry-Specific Blood-Cell Genetics in 746,667 Individuals from 5 Global Populations. *Cell*, **2020**, 182, 1198-1213.e14	56.2	88
547	Genetic determinants of trabecular and cortical volumetric bone mineral densities and bone microstructure. *PLoS Genetics*, **2013**, 9, e1003247	6	87

546	Metabolic profiling of pregnancy: cross-sectional and longitudinal evidence. *BMC Medicine*, **2016**, 14, 205	11.4	85
545	Novel Blood Pressure Locus and Gene Discovery Using Genome-Wide Association Study and Expression Data Sets From Blood and the Kidney. *Hypertension*, **2017**,	8.5	85
544	A diagnosis of the metabolic syndrome in youth that resolves by adult life is associated with a normalization of high carotid intima-media thickness and type 2 diabetes mellitus risk: the Bogalusa heart and cardiovascular risk in young Finns studies. *Journal of the American College of Cardiology*, **2012**, 60, 1631-9	15.1	85
543	Childhood physical, environmental, and genetic predictors of adult hypertension: the cardiovascular risk in young Finns study. *Circulation*, **2012**, 126, 402-9	16.7	83
542	Gene-age interactions in blood pressure regulation: a large-scale investigation with the CHARGE, Global BPgen, and ICBP Consortia. *American Journal of Human Genetics*, **2014**, 95, 24-38	11	80
541	Meta-analysis of gene-environment-wide association scans accounting for education level identifies additional loci for refractive error. *Nature Communications*, **2016**, 7, 11008	17.4	79
540	Sixteen new lung function signals identified through 1000 Genomes Project reference panel imputation. *Nature Communications*, **2015**, 6, 8658	17.4	79
539	Prediction of acute mountain sickness by monitoring arterial oxygen saturation during ascent. *High Altitude Medicine and Biology*, **2010**, 11, 325-32	1.9	79
538	Genetic determinants of heel bone properties: genome-wide association meta-analysis and replication in the GEFOS/GENOMOS consortium. *Human Molecular Genetics*, **2014**, 23, 3054-68	5.6	78
537	Sympathetic activity□ssociated periodic repolarization dynamics predict mortality following myocardial infarction. *Journal of Clinical Investigation*, **2014**, 124, 2808-2808	15.9	78
536	Arterial pulse wave velocity in relation to carotid intima-media thickness, brachial flow-mediated dilation and carotid artery distensibility: the Cardiovascular Risk in Young Finns Study and the Health 2000 Survey. *Atherosclerosis*, **2012**, 220, 387-93	3.1	77
535	Coronary artery disease-associated locus on chromosome 9p21 and early markers of atherosclerosis. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2008**, 28, 1679-83	9.4	77
534	52 Genetic Loci Influencing Myocardial□Mass. *Journal of the American College of Cardiology*, **2016**, 68, 1435-1448	15.1	76
533	Lifetime fruit and vegetable consumption and arterial pulse wave velocity in adulthood: the Cardiovascular Risk in Young Finns Study. *Circulation*, **2010**, 122, 2521-8	16.7	76
532	Habitual sleep duration is associated with BMI and macronutrient intake and may be modified by CLOCK genetic variants. *American Journal of Clinical Nutrition*, **2015**, 101, 135-43	7	75
531	A genome-wide association meta-analysis on lipoprotein (a) concentrations adjusted for apolipoprotein (a) isoforms. *Journal of Lipid Research*, **2017**, 58, 1834-1844	6.3	74
530	Detailed metabolic and genetic characterization reveals new associations for 30 known lipid loci. *Human Molecular Genetics*, **2012**, 21, 1444-55	5.6	74
529	Simultaneous non-invasive assessment of arterial stiffness and haemodynamics - a validation study. *Clinical Physiology and Functional Imaging*, **2003**, 23, 31-6	2.4	74

528	High intestinal cholesterol absorption is associated with cardiovascular disease and risk alleles in ABCG8 and ABO: evidence from the LURIC and YFS cohorts and from a meta-analysis. *Journal of the American College of Cardiology*, **2013**, 62, 291-9	15.1	72
527	1000 Genomes-based meta-analysis identifies 10 novel loci for kidney function. *Scientific Reports*, **2017**, 7, 45040	4.9	70
526	High birth weight is associated with obesity and increased carotid wall thickness in young adults: the cardiovascular risk in young Finns study. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2014**, 34, 1064-8	9.4	69
525	Association of Pathobiologic Determinants of Atherosclerosis in Youth risk score and 15-year change in risk score with carotid artery intima-media thickness in young adults (from the Cardiovascular Risk in Young Finns Study). *American Journal of Cardiology*, **2007**, 100, 1124-9	3	69
524	Gene dietary pattern interactions in obesity: analysis of up to 68 317 adults of European ancestry. *Human Molecular Genetics*, **2015**, 24, 4728-38	5.6	68
523	Distinct variants at LIN28B influence growth in height from birth to adulthood. *American Journal of Human Genetics*, **2010**, 86, 773-82	11	68
522	Large-scale genome-wide analysis identifies genetic variants associated with cardiac structure and function. *Journal of Clinical Investigation*, **2017**, 127, 1798-1812	15.9	68
521	Genome-wide association study of sexual maturation in males and females highlights a role for body mass and menarche loci in male puberty. *Human Molecular Genetics*, **2014**, 23, 4452-64	5.6	66
520	Sex hormone-binding globulin associations with circulating lipids and metabolites and the risk for type 2 diabetes: observational and causal effect estimates. *International Journal of Epidemiology*, **2015**, 44, 623-37	7.8	66
519	Prospective relationship of change in ideal cardiovascular health status and arterial stiffness: the Cardiovascular Risk in Young Finns Study. *Journal of the American Heart Association*, **2014**, 3, e000532	6	66
518	Causal Effect of Plasminogen Activator Inhibitor Type 1 on Coronary Heart Disease. *Journal of the American Heart Association*, **2017**, 6,	6	65
517	NAFLD risk alleles in PNPLA3, TM6SF2, GCKR and LYPLAL1 show divergent metabolic effects. *Human Molecular Genetics*, **2018**, 27, 2214-2223	5.6	65
516	Target organ damage and masked hypertension in the general population: the Finn-Home study. *Journal of Hypertension*, **2013**, 31, 1136-43	1.9	65
515	Increased genetic vulnerability to smoking at CHRNA5 in early-onset smokers. *Archives of General Psychiatry*, **2012**, 69, 854-60		65
514	Meta-analysis investigating associations between healthy diet and fasting glucose and insulin levels and modification by loci associated with glucose homeostasis in data from 15 cohorts. *American Journal of Epidemiology*, **2013**, 177, 103-15	3.8	63
513	Arterial structure and function after recovery from the metabolic syndrome: the cardiovascular risk in Young Finns Study. *Circulation*, **2010**, 121, 392-400	16.7	63
512	Pharmacogenetics of apolipoprotein E gene during lipid-lowering therapy: lipid levels and prevention of coronary heart disease. *Pharmacogenomics*, **2008**, 9, 1475-86	2.6	63
511	Proprotein convertases in human atherosclerotic plaques: the overexpression of FURIN and its substrate cytokines BAFF and APRIL. *Atherosclerosis*, **2011**, 219, 799-806	3.1	62

510	Evidence of inbreeding depression on human height. *PLoS Genetics*, **2012**, 8, e1002655	6	62
509	Platelet-Related Variants Identified by Exomechip Meta-analysis in 157,293 Individuals. *American Journal of Human Genetics*, **2016**, 99, 40-55	11	61
508	ADAM-9, ADAM-15, and ADAM-17 are upregulated in macrophages in advanced human atherosclerotic plaques in aorta and carotid and femoral arteries--Tampere vascular study. *Annals of Medicine*, **2009**, 41, 279-90	1.5	61
507	Cardiovascular Risk Factors From Childhood and Midlife Cognitive Performance: The Young Finns Study. *Journal of the American College of Cardiology*, **2017**, 69, 2279-2289	15.1	60
506	Metabolic profiling of alcohol consumption in 9778 young adults. *International Journal of Epidemiology*, **2016**, 45, 1493-1506	7.8	60
505	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	36.3	60
504	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	11	59
503	Gain-of-function lipoprotein lipase variant rs13702 modulates lipid traits through disruption of a microRNA-410 seed site. *American Journal of Human Genetics*, **2013**, 92, 5-14	11	59
502	Associations between serum uric acid and markers of subclinical atherosclerosis in young adults. The cardiovascular risk in Young Finns study. *Atherosclerosis*, **2012**, 223, 497-503	3.1	59
501	Parental smoking in childhood and brachial artery flow-mediated dilatation in young adults: the Cardiovascular Risk in Young Finns study and the Childhood Determinants of Adult Health study. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2012**, 32, 1024-31	9.4	59
500	Childhood environmental and genetic predictors of adulthood obesity: the cardiovascular risk in young Finns study. *Journal of Clinical Endocrinology and Metabolism*, **2011**, 96, E1542-9	5.6	58
499	Pulse Wave Velocity Predicts the Progression of Blood Pressure and Development of Hypertension in Young Adults. *Hypertension*, **2018**, 71, 451-456	8.5	57
498	Large scale international replication and meta-analysis study confirms association of the 15q14 locus with myopia. The CREAM consortium. *Human Genetics*, **2012**, 131, 1467-80	6.3	57
497	Activation of indoleamine 2,3-dioxygenase-induced tryptophan degradation in advanced atherosclerotic plaques: Tampere vascular study. *Annals of Medicine*, **2010**, 42, 55-63	1.5	57
496	Coronary heart disease: from a disease of middle-aged men in the late 1970s to a disease of elderly women in the 2000s. *European Heart Journal*, **2006**, 27, 296-301	9.5	57
495	Analysis of cardiovascular responses to passive head-up tilt using continuous pulse wave analysis and impedance cardiography. *Scandinavian Journal of Clinical and Laboratory Investigation*, **2009**, 69, 128-37	2	56
494	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	10.3	54
493	Association of physical activity in childhood and early adulthood with carotid artery elasticity 21 years later: the cardiovascular risk in Young Finns Study. *Journal of the American Heart Association*, **2014**, 3, e000594	6	54

492	Cross-sectional associations between physical activity and selected coronary heart disease risk factors in young adults. The Cardiovascular Risk in Young Finns Study. *Annals of Medicine*, **2012**, 44, 733-44	1.5	54
491	Integration of genome-wide association studies with biological knowledge identifies six novel genes related to kidney function. *Human Molecular Genetics*, **2012**, 21, 5329-43	5.6	54
490	Sympathetic activity-associated periodic repolarization dynamics predict mortality following myocardial infarction. *Journal of Clinical Investigation*, **2014**, 124, 1770-80	15.9	54
489	Exposure to parental smoking in childhood is associated with increased risk of carotid atherosclerotic plaque in adulthood: the Cardiovascular Risk in Young Finns Study. *Circulation*, **2015** , 131, 1239-46	16.7	53
488	Cardiovascular risk factors in 2011 and secular trends since 2007: the Cardiovascular Risk in Young Finns Study. *Scandinavian Journal of Public Health*, **2014**, 42, 563-71	3	53
487	A meta-analysis of genome-wide association studies of the electrocardiographic early repolarization pattern. *Heart Rhythm*, **2012**, 9, 1627-34	6.7	53
486	Molecular mechanisms underlying variations in lung function: a systems genetics analysis. *Lancet Respiratory Medicine,the*, **2015**, 3, 782-95	35.1	52
485	Lifetime body mass index and later atherosclerosis risk in young adults: examining causal links using Mendelian randomization in the Cardiovascular Risk in Young Finns study. *European Heart Journal*, **2008**, 29, 2552-60	9.5	52
484	Consumption of meat is associated with higher fasting glucose and insulin concentrations regardless of glucose and insulin genetic risk scores: a meta-analysis of 50,345 Caucasians. *American Journal of Clinical Nutrition*, **2015**, 102, 1266-78	7	51
483	Neighbourhood socioeconomic disadvantage, risk factors, and diabetes from childhood to middle age in the Young Finns Study: a cohort study. *Lancet Public Health, The*, **2018**, 3, e365-e373	22.4	51
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