

# Mika Khnen

## List of Publications by Year in Descending Order

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**Version:** 2024-04-09

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Genome-wide meta-analysis of phytosterols reveals five novel loci and a detrimental effect on coronary atherosclerosis.. <i>Nature Communications</i> , <b>2022</b> , 13, 143	17.4	3
652	Glycoprotein Acetyls: A Novel Inflammatory Biomarker of Early Cardiovascular Risk in the Young.. <i>Journal of the American Heart Association</i> , <b>2022</b> , 11, e024380	6	1
651	Genome-wide analysis of 102,084 migraine cases identifies 123 risk loci and subtype-specific risk alleles.. <i>Nature Genetics</i> , <b>2022</b> , 54, 152-160	36.3	13
650	Prevalence and long-term prognostic implications of prolonged QRS duration in left ventricular hypertrophy: a population-based observational cohort study.. <i>BMJ Open</i> , <b>2022</b> , 12, e053477	3	
649	The relationship between temperament, polygenic score for intelligence and cognition: A population-based study of middle-aged adults.. <i>Genes, Brain and Behavior</i> , <b>2022</b> , e12798	3.6	
648	Polygenic prediction of educational attainment within and between families from genome-wide association analyses in 3 million individuals.. <i>Nature Genetics</i> , <b>2022</b> ,	36.3	7
647	Multi-Omics Integration in a Twin Cohort and Predictive Modeling of Blood Pressure Values.. <i>OMICS A Journal of Integrative Biology</i> , <b>2022</b> , 26, 130-141	3.8	1
646	DNA methylation signature of chronic low-grade inflammation and its role in cardio-respiratory diseases.. <i>Nature Communications</i> , <b>2022</b> , 13, 2408	17.4	1
645	Interatrial block and P terminal force in the general population - Longitudinal changes, risk factors and prognosis.. <i>Journal of Electrocardiology</i> , <b>2022</b> , 73, 12-20	1.4	1
644	Resting heart rate predicts cardiac autonomic modulation during passive head-up tilt in subjects without cardiovascular diseases. <i>Scandinavian Cardiovascular Journal</i> , <b>2022</b> , 56, 138-147	2	
643	Associations of long-term solar insolation with specific depressive symptoms: Evidence from a prospective cohort study. <i>Journal of Psychiatric Research</i> , <b>2022</b> , 151, 606-610	5.2	0
642	Differential and shared genetic effects on kidney function between diabetic and non-diabetic individuals. <i>Communications Biology</i> , <b>2022</b> , 5,	6.7	1
641	Gene-educational attainment interactions in a multi-ancestry genome-wide meta-analysis identify novel blood pressure loci. <i>Molecular Psychiatry</i> , <b>2021</b> , 26, 2111-2125	15.1	3
640	The power of genetic diversity in genome-wide association studies of lipids. <i>Nature</i> , <b>2021</b> ,	50.4	24
639	Long-term cumulative light exposure from the natural environment and sleep: A cohort study. <i>Journal of Sleep Research</i> , <b>2021</b> , e13511	5.8	0
638	Prevalence Implications of the 2017 American Academy of Pediatrics Hypertension Guideline and Associations with Adult Hypertension. <i>Journal of Pediatrics</i> , <b>2021</b> ,	3.6	2
637	Influence of early life risk factors and lifestyle on systemic vascular resistance in later adulthood: the cardiovascular risk in young Finns study. <i>Blood Pressure</i> , <b>2021</b> , 30, 367-375	1.7	1

636	Metabolic profiles of socio-economic position: a multi-cohort analysis. <i>International Journal of Epidemiology</i> , <b>2021</b> , 50, 768-782	7.8	3
635	Modular genome-wide gene expression architecture shared by early traits of osteoporosis and atherosclerosis in the Young Finns Study. <i>Scientific Reports</i> , <b>2021</b> , 11, 7111	4.9	0
634	Multi-ancestry genome-wide gene-sleep interactions identify novel loci for blood pressure. <i>Molecular Psychiatry</i> , <b>2021</b> ,	15.1	3
633	Adulthood blood levels of hsa-miR-29b-3p associate with preterm birth and adult metabolic and cognitive health. <i>Scientific Reports</i> , <b>2021</b> , 11, 9203	4.9	2
632	Within-visit SBP variability from childhood to adulthood and markers of cardiovascular end-organ damage in mid-life. <i>Journal of Hypertension</i> , <b>2021</b> , 39, 1865-1875	1.9	1
631	Influential Periods in Longitudinal Clinical Cardiovascular Health Scores. <i>American Journal of Epidemiology</i> , <b>2021</b> , 190, 2384-2394	3.8	1
630	Cardiovascular Risk Factor Trajectories Since Childhood and Cognitive Performance in Midlife: The Cardiovascular Risk in Young Finns Study. <i>Circulation</i> , <b>2021</b> , 143, 1949-1961	16.7	4
629	Genome-wide association studies identify 137 genetic loci for DNA methylation biomarkers of aging. <i>Genome Biology</i> , <b>2021</b> , 22, 194	18.3	14
628	Meta-analysis of epigenome-wide association studies of carotid intima-media thickness. <i>European Journal of Epidemiology</i> , <b>2021</b> , 36, 1143-1155	12.1	4
627	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> , <b>2021</b> , 6, 661-668	16.2	4
626	Evaluation of Shared Genetic Susceptibility to High and Low Myopia and Hyperopia. <i>JAMA Ophthalmology</i> , <b>2021</b> , 139, 601-609	3.9	4
625	Methylation status of nc886 epiallele reflects periconceptual conditions and is associated with glucose metabolism through nc886 RNAs. <i>Clinical Epigenetics</i> , <b>2021</b> , 13, 143	7.7	1
624	Three genetic-environmental networks for human personality. <i>Molecular Psychiatry</i> , <b>2021</b> , 26, 3858-3875	15.1	37
623	FDG-PET in possible cardiac sarcoidosis: Right ventricular uptake and high total cardiac metabolic activity predict cardiovascular events. <i>Journal of Nuclear Cardiology</i> , <b>2021</b> , 28, 199-205	2.1	9
622	Childhood and long-term dietary calcium intake and adult cardiovascular risk in a population with high calcium intake. <i>Clinical Nutrition</i> , <b>2021</b> , 40, 1926-1931	5.9	1
621	The prognostic significance of T-wave inversion according to ECG lead group during long-term follow-up in the general population. <i>Annals of Noninvasive Electrocardiology</i> , <b>2021</b> , 26, e12799	1.5	5
620	Childhood exposure to parental smoking and life-course overweight and central obesity. <i>Annals of Medicine</i> , <b>2021</b> , 53, 208-216	1.5	2
619	Metabolic profiling of angiotensin-like protein 3 and 4 inhibition: a drug-target Mendelian randomization analysis. <i>European Heart Journal</i> , <b>2021</b> , 42, 1160-1169	9.5	11

618	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> , <b>2021</b> , 53, 160-168	1.5	3
617	An expanded analysis framework for multivariate GWAS connects inflammatory biomarkers to functional variants and disease. <i>European Journal of Human Genetics</i> , <b>2021</b> , 29, 309-324	5.3	6
616	The associations of oxidized lipoprotein lipids with lipoprotein subclass particle concentrations and their lipid compositions. The Cardiovascular Risk in Young Finns Study. <i>Free Radical Biology and Medicine</i> , <b>2021</b> , 162, 225-232	7.8	
615	Meta-analysis uncovers genome-wide significant variants for rapid kidney function decline. <i>Kidney International</i> , <b>2021</b> , 99, 926-939	9.9	6
614	Long-term outcome of intraventricular conduction delays in the general population. <i>Annals of Noninvasive Electrocardiology</i> , <b>2021</b> , 26, e12788	1.5	4
613	Examining the effect of mitochondrial DNA variants on blood pressure in two Finnish cohorts. <i>Scientific Reports</i> , <b>2021</b> , 11, 611	4.9	1
612	Association of lifetime blood pressure with adulthood exercise blood pressure response: the cardiovascular risk in young Finns study. <i>Blood Pressure</i> , <b>2021</b> , 30, 126-132	1.7	0
611	Dietary Pattern Trajectories from Youth to Adulthood and Adult Risk of Impaired Fasting Glucose: A 31-year Cohort Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2021</b> , 106, e2078-e2086	5.6	3
610	Associations of Serum Fatty Acid Proportions with Obesity, Insulin Resistance, Blood Pressure, and Fatty Liver: The Cardiovascular Risk in Young Finns Study. <i>Journal of Nutrition</i> , <b>2021</b> , 151, 970-978	4.1	5
609	Cardiovascular Risk Factors in Childhood and Left Ventricular Diastolic Function in Adulthood. <i>Pediatrics</i> , <b>2021</b> , 147,	7.4	3
608	Impedance plethysmography-based method in the assessment of subclinical atherosclerosis. <i>Atherosclerosis</i> , <b>2021</b> , 319, 101-107	3.1	2
607	Gene regulation contributes to explain the impact of early life socioeconomic disadvantage on adult inflammatory levels in two cohort studies. <i>Scientific Reports</i> , <b>2021</b> , 11, 3100	4.9	6
606	Genome-wide analysis identifies novel susceptibility loci for myocardial infarction. <i>European Heart Journal</i> , <b>2021</b> , 42, 919-933	9.5	14
605	Systematic evaluation of the association between hemoglobin levels and metabolic profile implicates beneficial effects of hypoxia. <i>Science Advances</i> , <b>2021</b> , 7,	14.3	2
604	Identification of 371 genetic variants for age at first sex and birth linked to externalising behaviour. <i>Nature Human Behaviour</i> , <b>2021</b> ,	12.8	5
603	Sugar-Sweetened Beverage Consumption May Modify Associations Between Genetic Variants in the CHREBP (Carbohydrate Responsive Element Binding Protein) Locus and HDL-C (High-Density Lipoprotein Cholesterol) and Triglyceride Concentrations. <i>Circulation Genomic and Precision Medicine</i> , <b>2021</b> , 14, e003288	5.2	1
602	IDO activity forecasts obesity in males and premenopausal females in a 10-year follow-up study: The Cardiovascular Risk in Young Finns Study. <i>Atherosclerosis</i> , <b>2021</b> , 336, 32-38	3.1	2
601	Rewards of Compassion: Dispositional Compassion Predicts Lower Job Strain and Effort-Reward Imbalance Over a 11-Year Follow-Up. <i>Frontiers in Psychology</i> , <b>2021</b> , 12, 730188	3.4	

600	Large-scale cis- and trans-eQTL analyses identify thousands of genetic loci and polygenic scores that regulate blood gene expression. <i>Nature Genetics</i> , <b>2021</b> , 53, 1300-1310	36.3	60
599	The Timing and Sequence of Cardiovascular Health Decline. <i>American Journal of Preventive Medicine</i> , <b>2021</b> , 61, 545-553	6.1	0
598	Association between Number of Siblings and Cardiovascular Risk Factors in Childhood and in Adulthood: The Cardiovascular Risk in Young Finns Study. <i>Journal of Pediatrics</i> , <b>2021</b> , 237, 87-95.e1	3.6	
597	Uncovering the shared lipidomic markers of subclinical osteoporosis-atherosclerosis comorbidity: The Young Finns Study. <i>Bone</i> , <b>2021</b> , 151, 116030	4.7	1
596	The Role of Inflammatory Cytokines as Intermediates in the Pathway from Increased Adiposity to Disease. <i>Obesity</i> , <b>2021</b> , 29, 428-437	8	6
595	Carotid artery longitudinal wall motion alterations associated with metabolic syndrome and insulin resistance. <i>Clinical Physiology and Functional Imaging</i> , <b>2021</b> , 41, 199-207	2.4	
594	Parathyroid hormone may play a role in the pathophysiology of primary hypertension. <i>Endocrine Connections</i> , <b>2021</b> , 10, 54-65	3.5	4
593	Reproductive history and blood cell DNA methylation later in life: the Young Finns Study.. <i>Clinical Epigenetics</i> , <b>2021</b> , 13, 227	7.7	0
592	Youth to adult body mass index trajectories as a predictor of metabolically healthy obesity in adulthood. <i>European Journal of Public Health</i> , <b>2020</b> , 30, 195-199	2.1	2
591	Mendelian randomization analysis does not support causal associations of birth weight with hypertension risk and blood pressure in adulthood. <i>European Journal of Epidemiology</i> , <b>2020</b> , 35, 685-697	12.1	2
590	Multi-ancestry GWAS of the electrocardiographic PR interval identifies 202 loci underlying cardiac conduction. <i>Nature Communications</i> , <b>2020</b> , 11, 2542	17.4	16
589	Identification, Heritability, and Relation With Gene Expression of Novel DNA Methylation Loci for Blood Pressure. <i>Hypertension</i> , <b>2020</b> , 76, 195-205	8.5	12
588	Cardiovascular Health Trajectories From Childhood Through Middle Age and Their Association With Subclinical Atherosclerosis. <i>JAMA Cardiology</i> , <b>2020</b> , 5, 557-566	16.2	27
587	Association of Body Mass Index in Youth With Adult Cardiometabolic Risk. <i>Journal of the American Heart Association</i> , <b>2020</b> , 9, e015288	6	2
586	EpiMetal: an open-source graphical web browser tool for easy statistical analyses in epidemiology and metabolomics. <i>International Journal of Epidemiology</i> , <b>2020</b> , 49, 1075-1081	7.8	2
585	The prevalence and prognostic significance of interatrial block in the general population. <i>Annals of Medicine</i> , <b>2020</b> , 52, 63-73	1.5	5
584	Apolipoprotein A-I concentrations and risk of coronary artery disease: A Mendelian randomization study. <i>Atherosclerosis</i> , <b>2020</b> , 299, 56-63	3.1	27
583	The Contribution of Neighborhood Socioeconomic Disadvantage to Depressive Symptoms Over the Course of Adult Life: A 32-Year Prospective Cohort Study. <i>American Journal of Epidemiology</i> , <b>2020</b> , 189, 679-689	3.8	6

582	Childhood Exposure to Parental Smoking and Midlife Cognitive Function. <i>American Journal of Epidemiology</i> , <b>2020</b> , 189, 1280-1291	3.8	6
581	Variants associated with HHIP expression have sex-differential effects on lung function. <i>Wellcome Open Research</i> , <b>2020</b> , 5, 111	4.8	0
580	Leukocyte telomere length is inversely associated with arterial wave reflection in 566 normotensive and never-treated hypertensive subjects. <i>Aging</i> , <b>2020</b> , 12, 12376-12392	5.6	0
579	Sex-specific associations of TCF7L2 variants with fasting glucose, type 2 diabetes and coronary heart disease among Turkish adults. <i>Anatolian Journal of Cardiology</i> , <b>2020</b> , 24, 326-333	0.8	1
578	Epigenome-450K-wide methylation signatures of active cigarette smoking: The Young Finns Study. <i>Bioscience Reports</i> , <b>2020</b> , 40,	4.1	5
577	Model selection for metabolomics: predicting diagnosis of coronary artery disease using automated machine learning. <i>Bioinformatics</i> , <b>2020</b> , 36, 1772-1778	7.2	18
576	Childhood risk factors and carotid atherosclerotic plaque in adulthood: The Cardiovascular Risk in Young Finns Study. <i>Atherosclerosis</i> , <b>2020</b> , 293, 18-25	3.1	15
575	Long-term prognostic significance of the ST level and ST slope in the 12-lead ECG in the general population. <i>Journal of Electrocardiology</i> , <b>2020</b> , 58, 176-183	1.4	
574	Plasma total calcium concentration is associated with blood pressure and systemic vascular resistance in normotensive and never-treated hypertensive subjects. <i>Blood Pressure</i> , <b>2020</b> , 29, 137-148	1.7	2
573	Lipidomic architecture shared by subclinical markers of osteoporosis and atherosclerosis: The Cardiovascular Risk in Young Finns Study. <i>Bone</i> , <b>2020</b> , 131, 115160	4.7	8
572	Influence of Genetic Variation in on Endothelial Function and Stroke. <i>Hypertension</i> , <b>2020</b> , 75, 365-371	8.5	1
571	The Polygenic and Monogenic Basis of Blood Traits and Diseases. <i>Cell</i> , <b>2020</b> , 182, 1214-1231.e11	56.2	96
570	Relation of intraventricular conduction delay to risk of new-onset heart failure and structural heart disease in the general population. <i>IJC Heart and Vasculature</i> , <b>2020</b> , 31, 100639	2.4	2
569	Inherited myeloproliferative neoplasm risk affects haematopoietic stem cells. <i>Nature</i> , <b>2020</b> , 586, 769-775	50.4	32
568	Novel loci for childhood body mass index and shared heritability with adult cardiometabolic traits. <i>PLoS Genetics</i> , <b>2020</b> , 16, e1008718	6	25
567	Personality, occupational sorting and routine work. <i>Employee Relations</i> , <b>2020</b> , 42, 1423-1440	2.1	1
566	Association of Factor V Leiden With Subsequent Atherothrombotic Events: A GENIUS-CHD Study of Individual Participant Data. <i>Circulation</i> , <b>2020</b> , 142, 546-555	16.7	5
565	Systemic vascular resistance predicts the development of hypertension: the cardiovascular risk in young Finns study. <i>Blood Pressure</i> , <b>2020</b> , 29, 362-369	1.7	3

564	HDL cholesterol efflux capacity is inversely associated with subclinical cardiovascular risk markers in young adults: The cardiovascular risk in Young Finns study. <i>Scientific Reports</i> , <b>2020</b> , 10, 19223	4.9	10
563	Chronic obstructive pulmonary disease and related phenotypes: polygenic risk scores in population-based and case-control cohorts. <i>Lancet Respiratory Medicine</i> , <b>2020</b> , 8, 696-708	35.1	29
562	Trans-ethnic and Ancestry-Specific Blood-Cell Genetics in 746,667 Individuals from 5 Global Populations. <i>Cell</i> , <b>2020</b> , 182, 1198-1213.e14	56.2	88
561	Genetic Studies of Leptin Concentrations Implicate Leptin in the Regulation of Early Adiposity. <i>Diabetes</i> , <b>2020</b> , 69, 2806-2818	0.9	10
560	Variants associated with expression have sex-differential effects on lung function. <i>Wellcome Open Research</i> , <b>2020</b> , 5, 111	4.8	0
559	Uncovering the complex genetics of human character. <i>Molecular Psychiatry</i> , <b>2020</b> , 25, 2295-2312	15.1	42
558	Uncovering the complex genetics of human temperament. <i>Molecular Psychiatry</i> , <b>2020</b> , 25, 2275-2294	15.1	37
557	The validity of heart failure diagnoses in the Finnish Hospital Discharge Register. <i>Scandinavian Journal of Public Health</i> , <b>2020</b> , 48, 20-28	3	10
556	Adverse influence of bisoprolol on central blood pressure in the upright position: a double-blind placebo-controlled cross-over study. <i>Journal of Human Hypertension</i> , <b>2020</b> , 34, 301-310	2.6	3
555	18-FDG-PET in a patient cohort suspected for cardiac sarcoidosis: Right ventricular uptake is associated with pathological uptake in mediastinal lymph nodes. <i>Journal of Nuclear Cardiology</i> , <b>2020</b> , 27, 109-117	2.1	5
554	Cardiorespiratory fitness and heart rate recovery predict sudden cardiac death independent of ejection fraction. <i>Heart</i> , <b>2020</b> , 106, 434-440	5.1	3
553	CVD risk factors and surrogate markers - Urban-rural differences. <i>Scandinavian Journal of Public Health</i> , <b>2020</b> , 48, 752-761	3	4
552	Pulse wave velocity is related to exercise blood pressure response in young adults. The Cardiovascular Risk in Young Finns Study. <i>Blood Pressure</i> , <b>2020</b> , 29, 256-263	1.7	4
551	Discovery of mitochondrial DNA variants associated with genome-wide blood cell gene expression: a population-based mtDNA sequencing study. <i>Human Molecular Genetics</i> , <b>2019</b> , 28, 1381-1391	5.6	1
550	Abdominal adiposity and cardiometabolic risk factors in children and adolescents: a Mendelian randomization analysis. <i>American Journal of Clinical Nutrition</i> , <b>2019</b> , 110, 1079-1087	7	16
549	Genome-wide association meta-analyses and fine-mapping elucidate pathways influencing albuminuria. <i>Nature Communications</i> , <b>2019</b> , 10, 4130	17.4	43
548	Association of Birth Weight With Type 2 Diabetes and Glycemic Traits: A Mendelian Randomization Study. <i>JAMA Network Open</i> , <b>2019</b> , 2, e1910915	10.4	14
547	Target genes, variants, tissues and transcriptional pathways influencing human serum urate levels. <i>Nature Genetics</i> , <b>2019</b> , 51, 1459-1474	36.3	122



546	Circulating metabolites and the risk of type 2 diabetes: a prospective study of 11,896 young adults from four Finnish cohorts. <i>Diabetologia</i> , <b>2019</b> , 62, 2298-2309	10.3	54
545	The effect of apolipoprotein E polymorphism on serum metabolome - a population-based 10-year follow-up study. <i>Scientific Reports</i> , <b>2019</b> , 9, 458	4.9	17
544	Whole blood microRNA levels associate with glycemic status and correlate with target mRNAs in pathways important to type 2 diabetes. <i>Scientific Reports</i> , <b>2019</b> , 9, 8887	4.9	28
543	Exome-Derived Adiponectin-Associated Variants Implicate Obesity and Lipid Biology. <i>American Journal of Human Genetics</i> , <b>2019</b> , 105, 15-28	11	12
542	Dairy Intake and Body Composition and Cardiometabolic Traits among Adults: Mendelian Randomization Analysis of 182041 Individuals from 18 Studies. <i>Clinical Chemistry</i> , <b>2019</b> , 65, 751-760	5.5	11
541	A catalog of genetic loci associated with kidney function from analyses of a million individuals. <i>Nature Genetics</i> , <b>2019</b> , 51, 957-972	36.3	217
540	Childhood Exposure to Passive Smoking and Bone Health in Adulthood: The Cardiovascular Risk in Young Finns Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2019</b> , 104, 2403-2411	5.6	7
539	Socioeconomic position and intergenerational associations of ideal health behaviors. <i>European Journal of Preventive Cardiology</i> , <b>2019</b> , 26, 1605-1612	3.9	7
538	Subsequent Event Risk in Individuals With Established Coronary Heart Disease. <i>Circulation Genomic and Precision Medicine</i> , <b>2019</b> , 12, e002470	5.2	13
537	Association of Chromosome 9p21 With Subsequent Coronary Heart Disease Events. <i>Circulation Genomic and Precision Medicine</i> , <b>2019</b> , 12, e002471	5.2	14
536	Maternal and fetal genetic effects on birth weight and their relevance to cardio-metabolic risk factors. <i>Nature Genetics</i> , <b>2019</b> , 51, 804-814	36.3	181
535	Association of Childhood Oral Infections With Cardiovascular Risk Factors and Subclinical Atherosclerosis in Adulthood. <i>JAMA Network Open</i> , <b>2019</b> , 2, e192523	10.4	24
534	Atherogenic index of plasma is related to arterial stiffness but not to blood pressure in normotensive and never-treated hypertensive subjects. <i>Blood Pressure</i> , <b>2019</b> , 28, 157-167	1.7	19
533	Determinants of left ventricular diastolic function-The Cardiovascular Risk in Young Finns Study. <i>Echocardiography</i> , <b>2019</b> , 36, 854-861	1.5	7
532	New genetic signals for lung function highlight pathways and chronic obstructive pulmonary disease associations across multiple ancestries. <i>Nature Genetics</i> , <b>2019</b> , 51, 481-493	36.3	156
531	Genome-wide meta-analysis of macronutrient intake of 91,114 European ancestry participants from the cohorts for heart and aging research in genomic epidemiology consortium. <i>Molecular Psychiatry</i> , <b>2019</b> , 24, 1920-1932	15.1	30
530	Association of air humidity with incidence of exercise-induced bronchoconstriction in children. <i>Pediatric Pulmonology</i> , <b>2019</b> , 54, 1830-1836	3.5	5
529	A meta-analysis of genome-wide association studies identifies multiple longevity genes. <i>Nature Communications</i> , <b>2019</b> , 10, 3669	17.4	102



528	Potential Interplay between Dietary Saturated Fats and Genetic Variants of the NLRP3 Inflammasome to Modulate Insulin Resistance and Diabetes Risk: Insights from a Meta-Analysis of 19005 Individuals. <i>Molecular Nutrition and Food Research</i> , <b>2019</b> , 63, e1900226	5.9	11
527	A trans-ancestral meta-analysis of genome-wide association studies reveals loci associated with childhood obesity. <i>Human Molecular Genetics</i> , <b>2019</b> , 28, 3327-3338	5.6	30
526	New evidence from plasma ceramides links apoE polymorphism to greater risk of coronary artery disease in Finnish adults. <i>Journal of Lipid Research</i> , <b>2019</b> , 60, 1622-1629	6.3	12
525	Genetic predisposition to higher body fat yet lower cardiometabolic risk in children and adolescents. <i>International Journal of Obesity</i> , <b>2019</b> , 43, 2007-2016	5.5	5
524	New alcohol-related genes suggest shared genetic mechanisms with neuropsychiatric disorders. <i>Nature Human Behaviour</i> , <b>2019</b> , 3, 950-961	12.8	32
523	Effects of Calcium, Magnesium, and Potassium Concentrations on Ventricular Repolarization in Unselected Individuals. <i>Journal of the American College of Cardiology</i> , <b>2019</b> , 73, 3118-3131	15.1	12
522	Combination of low blood pressure response, low exercise capacity and slow heart rate recovery during an exercise test significantly increases mortality risk. <i>Annals of Medicine</i> , <b>2019</b> , 51, 390-396	1.5	6
521	Liquorice ingestion attenuates vasodilatation via exogenous nitric oxide donor but not via $\alpha$ -adrenoceptor stimulation. <i>PLoS ONE</i> , <b>2019</b> , 14, e0223654	3.7	1
520	Multivariate Genome-wide Association Analysis of a Cytokine Network Reveals Variants with Widespread Immune, Haematological, and Cardiometabolic Pleiotropy. <i>American Journal of Human Genetics</i> , <b>2019</b> , 105, 1076-1090	11	16
519	Genetic and environmental perturbations lead to regulatory decoherence. <i>ELife</i> , <b>2019</b> , 8,	8.9	18
518	Common Genetic Variation in Relation to Brachial Vascular Dimensions and Flow-Mediated Vasodilation. <i>Circulation Genomic and Precision Medicine</i> , <b>2019</b> , 12, e002409	5.2	2
517	Exposure to heavy physical work from early to later adulthood and primary healthcare visits due to musculoskeletal diseases in midlife: a register linked study. <i>BMJ Open</i> , <b>2019</b> , 9, e031564	3	3
516	Lipoprotein signatures of cholesteryl ester transfer protein and HMG-CoA reductase inhibition. <i>PLoS Biology</i> , <b>2019</b> , 17, e3000572	9.7	15
515	Childhood Psychosocial Environment and Adult Cardiac Health: A Causal Mediation Approach. <i>American Journal of Preventive Medicine</i> , <b>2019</b> , 57, e195-e202	6.1	2
514	Changes in hemodynamics associated with metabolic syndrome are more pronounced in women than in men. <i>Scientific Reports</i> , <b>2019</b> , 9, 18377	4.9	7
513	Youth and Long-Term Dietary Calcium Intake With Risk of Impaired Glucose Metabolism and Type 2 Diabetes in Adulthood. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2019</b> , 104, 2067-2074	5.6	3
512	The Duke treadmill score with bicycle ergometer: Exercise capacity is the most important predictor of cardiovascular mortality. <i>European Journal of Preventive Cardiology</i> , <b>2019</b> , 26, 199-207	3.9	11
511	LDL cholesterol is associated with systemic vascular resistance and wave reflection in subjects naive to cardiovascular drugs. <i>Blood Pressure</i> , <b>2019</b> , 28, 4-14	1.7	5

510	Coronary heart disease risk factor levels in eastern and western Finland from 1980 to 2011 in the cardiovascular risk in Young Finns study. <i>Atherosclerosis</i> , <b>2019</b> , 280, 92-98	3.1	4
509	F-FDG-PET in Finnish patients with clinical suspicion of cardiac sarcoidosis: Female sex and history of atrioventricular block increase the prevalence of positive PET findings. <i>Journal of Nuclear Cardiology</i> , <b>2019</b> , 26, 394-400	2.1	6
508	Higher step count is associated with greater bone mass and strength in women but not in men. <i>Archives of Osteoporosis</i> , <b>2018</b> , 13, 20	2.9	2
507	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>Alzheimeris and Dementia</i> , <b>2018</b> , 14, 723-733	1.2	90
506	Electrocardiographic predictors of atrial fibrillation in nonhypertensive and hypertensive individuals. <i>Journal of Hypertension</i> , <b>2018</b> , 36, 1874-1881	1.9	9
505	NAFLD risk alleles in PNPLA3, TM6SF2, GCKR and LYPLAL1 show divergent metabolic effects. <i>Human Molecular Genetics</i> , <b>2018</b> , 27, 2214-2223	5.6	65
504	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> , <b>2018</b> , 102, 375-400	11	59
503	Genome-wide association study in 79,366 European-ancestry individuals informs the genetic architecture of 25-hydroxyvitamin D levels. <i>Nature Communications</i> , <b>2018</b> , 9, 260	17.4	174
502	Multiancestry association study identifies new asthma risk loci that colocalize with immune-cell enhancer marks. <i>Nature Genetics</i> , <b>2018</b> , 50, 42-53	36.3	246
501	Pulse Wave Velocity Predicts the Progression of Blood Pressure and Development of Hypertension in Young Adults. <i>Hypertension</i> , <b>2018</b> , 71, 451-456	8.5	57
500	Cardiometabolic Health Among Adult Offspring of Hypertensive Pregnancies: The Cardiovascular Risk in Young Finns Study. <i>Journal of the American Heart Association</i> , <b>2018</b> , 7,	6	3
499	Influence of cardiovascular risk factors on longitudinal motion of the common carotid artery wall. <i>Atherosclerosis</i> , <b>2018</b> , 272, 54-59	3.1	12
498	Genetic Factors Explain a Major Fraction of the 50% Lower Lipoprotein(a) Concentrations in Finns. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2018</b> , 38, 1230-1241	9.4	17
497	Sugar-sweetened beverage intake associations with fasting glucose and insulin concentrations are not modified by selected genetic variants in a ChREBP-FGF21 pathway: a meta-analysis. <i>Diabetologia</i> , <b>2018</b> , 61, 317-330	10.3	17
496	Genome-Wide Interactions with Dairy Intake for Body Mass Index in Adults of European Descent. <i>Molecular Nutrition and Food Research</i> , <b>2018</b> , 62, 1700347	5.9	5
495	PR interval genome-wide association meta-analysis identifies 50 loci associated with atrial and atrioventricular electrical activity. <i>Nature Communications</i> , <b>2018</b> , 9, 2904	17.4	39
494	Neighbourhood socioeconomic disadvantage, risk factors, and diabetes from childhood to middle age in the Young Finns Study: a cohort study. <i>Lancet Public Health</i> , <b>2018</b> , 3, e365-e373	22.4	51
493	Fatty liver is associated with blood pathways of inflammatory response, immune system activation and prothrombotic state in Young Finns Study. <i>Scientific Reports</i> , <b>2018</b> , 8, 10358	4.9	7

492	Exome-chip meta-analysis identifies novel loci associated with cardiac conduction, including ADAMTS6. <i>Genome Biology</i> , <b>2018</b> , 19, 87	18.3	25
491	Association of circulating metabolites with healthy diet and risk of cardiovascular disease: analysis of two cohort studies. <i>Scientific Reports</i> , <b>2018</b> , 8, 8620	4.9	32
490	Multi-ethnic genome-wide association study for atrial fibrillation. <i>Nature Genetics</i> , <b>2018</b> , 50, 1225-1233	36.3	277
489	Novel genetic associations for blood pressure identified via gene-alcohol interaction in up to 570K individuals across multiple ancestries. <i>PLoS ONE</i> , <b>2018</b> , 13, e0198166	3.7	31
488	Meta-analysis of exome array data identifies six novel genetic loci for lung function. <i>Wellcome Open Research</i> , <b>2018</b> , 3, 4	4.8	16
487	Protein-altering variants associated with body mass index implicate pathways that control energy intake and expenditure in obesity. <i>Nature Genetics</i> , <b>2018</b> , 50, 26-41	36.3	186
486	Dairy Consumption and Body Mass Index Among Adults: Mendelian Randomization Analysis of 184802 Individuals from 25 Studies. <i>Clinical Chemistry</i> , <b>2018</b> , 64, 183-191	5.5	24
485	Both youth and long-term vitamin D status is associated with risk of type 2 diabetes mellitus in adulthood: a cohort study. <i>Annals of Medicine</i> , <b>2018</b> , 50, 74-82	1.5	13
484	Aortic sinus diameter in middle age is associated with body size in young adulthood. <i>Heart</i> , <b>2018</b> , 104, 773-778	5.1	1
483	Association of maternal prenatal smoking GFI1-locus and cardio-metabolic phenotypes in 18,212 adults. <i>EBioMedicine</i> , <b>2018</b> , 38, 206-216	8.8	19
482	ExomeChip-Wide Analysis of 95 626 Individuals Identifies 10 Novel Loci Associated With QT and JT Intervals. <i>Circulation Genomic and Precision Medicine</i> , <b>2018</b> , 11, e001758	5.2	14
481	Pro-opiomelanocortin and its Processing Enzymes Associate with Plaque Stability in Human Atherosclerosis - Tampere Vascular Study. <i>Scientific Reports</i> , <b>2018</b> , 8, 15078	4.9	6
480	Biomarker Glycoprotein Acetyls Is Associated With the Risk of a Wide Spectrum of Incident Diseases and Stratifies Mortality Risk in Angiography Patients. <i>Circulation Genomic and Precision Medicine</i> , <b>2018</b> , 11, e002234	5.2	19
479	Effect of present versus previous smoking on non-invasive haemodynamics. <i>Scientific Reports</i> , <b>2018</b> , 8, 13643	4.9	6
478	Circulating metabolic biomarkers of renal function in diabetic and non-diabetic populations. <i>Scientific Reports</i> , <b>2018</b> , 8, 15249	4.9	20
477	Impact of Ideal Cardiovascular Health in Childhood on the Retinal Microvasculature in Midadulthood: Cardiovascular Risk in Young Finns Study. <i>Journal of the American Heart Association</i> , <b>2018</b> , 7, e009487	6	9
476	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> , <b>2018</b> , 103, 691-706	11	151
475	Genetic analysis of over 1 million people identifies 535 new loci associated with blood pressure traits. <i>Nature Genetics</i> , <b>2018</b> , 50, 1412-1425	36.3	386

474	Common and Rare Coding Genetic Variation Underlying the Electrocardiographic PR Interval. <i>Circulation Genomic and Precision Medicine</i> , <b>2018</b> , 11, e002037	5.2	11
473	Study of 300,486 individuals identifies 148 independent genetic loci influencing general cognitive function. <i>Nature Communications</i> , <b>2018</b> , 9, 2098	17.4	254
472	Habitual coffee consumption and cognitive function: a Mendelian randomization meta-analysis in up to 415,530 participants. <i>Scientific Reports</i> , <b>2018</b> , 8, 7526	4.9	25
471	Interrelationships between indices of longitudinal movement of the common carotid artery wall and the conventional measures of subclinical atherosclerosis. <i>Clinical Physiology and Functional Imaging</i> , <b>2017</b> , 37, 305-313	2.4	22
470	Evidence for large-scale gene-by-smoking interaction effects on pulmonary function. <i>International Journal of Epidemiology</i> , <b>2017</b> , 46, 894-904	7.8	25
469	Differentially expressed genes and canonical pathway expression in human atherosclerotic plaques - Tampere Vascular Study. <i>Scientific Reports</i> , <b>2017</b> , 7, 41483	4.9	29
468	Rare and low-frequency coding variants alter human adult height. <i>Nature</i> , <b>2017</b> , 542, 186-190	50.4	412
467	Genome-wide association analyses for lung function and chronic obstructive pulmonary disease identify new loci and potential druggable targets. <i>Nature Genetics</i> , <b>2017</b> , 49, 416-425	36.3	170
466	Haemodynamic Influences of Bisoprolol in Hypertensive Middle-Aged Men: A Double-Blind, Randomized, Placebo-Controlled Cross-Over Study. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2017</b> , 121, 130-137	3.1	4
465	Discovery of novel heart rate-associated loci using the Exome Chip. <i>Human Molecular Genetics</i> , <b>2017</b> , 26, 2346-2363	5.6	17
464	Large-scale analyses of common and rare variants identify 12 new loci associated with atrial fibrillation. <i>Nature Genetics</i> , <b>2017</b> , 49, 946-952	36.3	176
463	Cardiorespiratory Fitness and Risk of Fatty Liver: The Young Finns Study. <i>Medicine and Science in Sports and Exercise</i> , <b>2017</b> , 49, 1834-1841	1.2	15
462	Cardiovascular Risk Factors From Childhood and Midlife Cognitive Performance: The Young Finns Study. <i>Journal of the American College of Cardiology</i> , <b>2017</b> , 69, 2279-2289	15.1	60
461	Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits. <i>Nature Communications</i> , <b>2017</b> , 8, 14977	17.4	105
460	1000 Genomes-based meta-analysis identifies 10 novel loci for kidney function. <i>Scientific Reports</i> , <b>2017</b> , 7, 45040	4.9	70
459	Genetic loci associated with heart rate variability and their effects on cardiac disease risk. <i>Nature Communications</i> , <b>2017</b> , 8, 15805	17.4	50
458	Experimental and Human Evidence for Lipocalin-2 (Neutrophil Gelatinase-Associated Lipocalin [NGAL]) in the Development of Cardiac Hypertrophy and heart failure. <i>Journal of the American Heart Association</i> , <b>2017</b> , 6,	6	32
457	A genome-wide association meta-analysis on lipoprotein (a) concentrations adjusted for apolipoprotein (a) isoforms. <i>Journal of Lipid Research</i> , <b>2017</b> , 58, 1834-1844	6.3	74

456	The biomarker and causal roles of homoarginine in the development of cardiometabolic diseases: an observational and Mendelian randomization analysis. <i>Scientific Reports</i> , <b>2017</b> , 7, 1130	4.9	12
455	Causal Effect of Plasminogen Activator Inhibitor Type 1 on Coronary Heart Disease. <i>Journal of the American Heart Association</i> , <b>2017</b> , 6,	6	65
454	Blood pathway analyses reveal differences between prediabetic subjects with or without dyslipidaemia. The Cardiovascular Risk in Young Finns Study. <i>Diabetes/Metabolism Research and Reviews</i> , <b>2017</b> , 33, e2914	7.5	2
453	and Loci Associate with Plasma Osmolality. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2017</b> , 28, 2311-2321	12.7	14
452	Obesity accelerates epigenetic aging in middle-aged but not in elderly individuals. <i>Clinical Epigenetics</i> , <b>2017</b> , 9, 20	7.7	88
451	Vascular ultrasound measures before pregnancy and pregnancy complications: A prospective cohort study. <i>Hypertension in Pregnancy</i> , <b>2017</b> , 36, 53-58	2	6
450	and Loci Identified through Large-Scale Exome Chip Analysis Regulate Kidney Development and Function. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2017</b> , 28, 981-994	12.7	30
449	Genome-wide Association Study Identifies 27 Loci Influencing Concentrations of Circulating Cytokines and Growth Factors. <i>American Journal of Human Genetics</i> , <b>2017</b> , 100, 40-50	11	133
448	CNV-association meta-analysis in 191,161 European adults reveals new loci associated with anthropometric traits. <i>Nature Communications</i> , <b>2017</b> , 8, 744	17.4	37
447	Differentially expressed genes and canonical pathways in the ascending thoracic aortic aneurysm - The Tampere Vascular Study. <i>Scientific Reports</i> , <b>2017</b> , 7, 12127	4.9	18
446	Vitamin D and cognitive function: A Mendelian randomisation study. <i>Scientific Reports</i> , <b>2017</b> , 7, 13230	4.9	32
445	Genome-wide association meta-analysis of fish and EPA+DHA consumption in 17 US and European cohorts. <i>PLoS ONE</i> , <b>2017</b> , 12, e0186456	3.7	15
444	An interaction map of circulating metabolites, immune gene networks, and their genetic regulation. <i>Genome Biology</i> , <b>2017</b> , 18, 146	18.3	27
443	Voluntary liquorice ingestion increases blood pressure via increased volume load, elevated peripheral arterial resistance, and decreased aortic compliance. <i>Scientific Reports</i> , <b>2017</b> , 7, 10947	4.9	12
442	Genetic Interactions with Age, Sex, Body Mass Index, and Hypertension in Relation to Atrial Fibrillation: The AFGen Consortium. <i>Scientific Reports</i> , <b>2017</b> , 7, 11303	4.9	14
441	Plasma Concentrations of Afamin Are Associated With Prevalent and Incident Type 2 Diabetes: A Pooled Analysis in More Than 20,000 Individuals. <i>Diabetes Care</i> , <b>2017</b> , 40, 1386-1393	14.6	39
440	Novel Blood Pressure Locus and Gene Discovery Using Genome-Wide Association Study and Expression Data Sets From Blood and the Kidney. <i>Hypertension</i> , <b>2017</b> ,	8.5	85
439	Incidence rates, correlates, and prognosis of electrocardiographic P-wave abnormalities - a nationwide population-based study. <i>Journal of Electrocardiology</i> , <b>2017</b> , 50, 925-932	1.4	19

438	Pregnancy complications and later vascular ultrasound measures: A cohort study. <i>Pregnancy Hypertension</i> , <b>2017</b> , 10, 171-176	2.6	2
437	Childhood Socioeconomic Status and Arterial Stiffness in Adulthood: The Cardiovascular Risk in Young Finns Study. <i>Hypertension</i> , <b>2017</b> , 70, 729-735	8.5	15
436	Novel ECG parameters are strongly associated with inflammatory F-FDG PET findings in patients with suspected cardiac sarcoidosis. <i>International Journal of Cardiology</i> , <b>2017</b> , 249, 454-460	3.2	4
435	Association of Socioeconomic Status in Childhood With Left Ventricular Structure and Diastolic Function in Adulthood: The Cardiovascular Risk in Young Finns Study. <i>JAMA Pediatrics</i> , <b>2017</b> , 171, 781-787	8.3	5
434	Influence of Child and Adult Elevated Blood Pressure on Adult Arterial Stiffness: The Cardiovascular Risk in Young Finns Study. <i>Hypertension</i> , <b>2017</b> , 70, 531-536	8.5	39
433	Metabolic profiling of fatty liver in young and middle-aged adults: Cross-sectional and prospective analyses of the Young Finns Study. <i>Hepatology</i> , <b>2017</b> , 65, 491-500	11.2	50
432	Genome-Wide Association Study Implicates Atrial Natriuretic Peptide Rather Than B-Type Natriuretic Peptide in the Regulation of Blood Pressure in the General Population. <i>Circulation: Cardiovascular Genetics</i> , <b>2017</b> , 10,		15
431	Large-scale genome-wide analysis identifies genetic variants associated with cardiac structure and function. <i>Journal of Clinical Investigation</i> , <b>2017</b> , 127, 1798-1812	15.9	68
430	Genome-wide physical activity interactions in adiposity - A meta-analysis of 200,452 adults. <i>PLoS Genetics</i> , <b>2017</b> , 13, e1006528	6	103
429	High Resolution Manometry and pH step-up method on the localisation of the lower esophageal sphincter. <i>Journal of Gastrointestinal and Liver Diseases</i> , <b>2017</b> , 26, 425-426	1.4	
428	Increased Cardiac Workload in the Upright Posture in Men: Noninvasive Hemodynamics in Men Versus Women. <i>Journal of the American Heart Association</i> , <b>2016</b> , 5,	6	16
427	Metabolic signatures of birthweight in 18288 adolescents and adults. <i>International Journal of Epidemiology</i> , <b>2016</b> , 45, 1539-1550	7.8	31
426	Multiethnic Exome-Wide Association Study of Subclinical Atherosclerosis. <i>Circulation: Cardiovascular Genetics</i> , <b>2016</b> , 9, 511-520		34
425	A principal component meta-analysis on multiple anthropometric traits identifies novel loci for body shape. <i>Nature Communications</i> , <b>2016</b> , 7, 13357	17.4	46
424	52 Genetic Loci Influencing Myocardial Mass. <i>Journal of the American College of Cardiology</i> , <b>2016</b> , 68, 1435-1448	15.1	76
423	The genetics of blood pressure regulation and its target organs from association studies in 342,415 individuals. <i>Nature Genetics</i> , <b>2016</b> , 48, 1171-1184	36.3	251
422	No Association of Coronary Artery Disease with X-Chromosomal Variants in Comprehensive International Meta-Analysis. <i>Scientific Reports</i> , <b>2016</b> , 6, 35278	4.9	18
421	Meta-analysis of gene-environment-wide association scans accounting for education level identifies additional loci for refractive error. <i>Nature Communications</i> , <b>2016</b> , 7, 11008	17.4	79



420	Genome-wide study for circulating metabolites identifies 62 loci and reveals novel systemic effects of LPA. <i>Nature Communications</i> , <b>2016</b> , 7, 11122	17.4	335
419	Prolonged sleep restriction induces changes in pathways involved in cholesterol metabolism and inflammatory responses. <i>Scientific Reports</i> , <b>2016</b> , 6, 24828	4.9	44
418	Genome-Wide Meta-Analysis of Cotinine Levels in Cigarette Smokers Identifies Locus at 4q13.2. <i>Scientific Reports</i> , <b>2016</b> , 6, 20092	4.9	37
417	Talin and vinculin are downregulated in atherosclerotic plaque; Tampere Vascular Study. <i>Atherosclerosis</i> , <b>2016</b> , 255, 43-53	3.1	22
416	Metabolic profiling of alcohol consumption in 9778 young adults. <i>International Journal of Epidemiology</i> , <b>2016</b> , 45, 1493-1506	7.8	60
415	A genome-wide association meta-analysis on apolipoprotein A-IV concentrations. <i>Human Molecular Genetics</i> , <b>2016</b> , 25, 3635-3646	5.6	15
414	Genome-wide analysis identifies 12 loci influencing human reproductive behavior. <i>Nature Genetics</i> , <b>2016</b> , 48, 1462-1472	36.3	198
413	Genetic variants linked to education predict longevity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 13366-13371	11.5	90
412	Central wave reflection is associated with peripheral arterial resistance in addition to arterial stiffness in subjects without antihypertensive medication. <i>BMC Cardiovascular Disorders</i> , <b>2016</b> , 16, 131	2.3	35
411	Metabolic profiling of pregnancy: cross-sectional and longitudinal evidence. <i>BMC Medicine</i> , <b>2016</b> , 14, 205	11.4	85
410	Twenty-eight genetic loci associated with ST-T-wave amplitudes of the electrocardiogram. <i>Human Molecular Genetics</i> , <b>2016</b> , 25, 2093-2103	5.6	20
409	Role of Conventional Childhood Risk Factors Versus Genetic Risk in the Development of Type 2 Diabetes and Impaired Fasting Glucose in Adulthood: The Cardiovascular Risk in Young Finns Study. <i>Diabetes Care</i> , <b>2016</b> , 39, 1393-9	14.6	14
408	Prevalence and prognosis of ECG abnormalities in normotensive and hypertensive individuals. <i>Journal of Hypertension</i> , <b>2016</b> , 34, 959-66	1.9	41
407	Platelet-Related Variants Identified by Exomechip Meta-analysis in 157,293 Individuals. <i>American Journal of Human Genetics</i> , <b>2016</b> , 99, 40-55	11	61
406	Large-Scale Exome-wide Association Analysis Identifies Loci for White Blood Cell Traits and Pleiotropy with Immune-Mediated Diseases. <i>American Journal of Human Genetics</i> , <b>2016</b> , 99, 22-39	11	42
405	East-west differences and migration in Finland: Association with cardiometabolic risk markers and IMT. The Cardiovascular Risk in Young Finns Study. <i>Scandinavian Journal of Public Health</i> , <b>2016</b> , 44, 402-10	3	2
404	Childhood Psychosocial Factors and Coronary Artery Calcification in Adulthood: The Cardiovascular Risk in Young Finns Study. <i>JAMA Pediatrics</i> , <b>2016</b> , 170, 466-72	8.3	22
403	Rare variant in scavenger receptor BI raises HDL cholesterol and increases risk of coronary heart disease. <i>Science</i> , <b>2016</b> , 351, 1166-71	33.3	325

402	International Genome-Wide Association Study Consortium Identifies Novel Loci Associated With Blood Pressure in Children and Adolescents. <i>Circulation: Cardiovascular Genetics</i> , <b>2016</b> , 9, 266-278		32
401	New loci for body fat percentage reveal link between adiposity and cardiometabolic disease risk. <i>Nature Communications</i> , <b>2016</b> , 7, 10495	17.4	180
400	Integrative approaches for large-scale transcriptome-wide association studies. <i>Nature Genetics</i> , <b>2016</b> , 48, 245-52	36.3	843
399	Genome-wide meta-analysis uncovers novel loci influencing circulating leptin levels. <i>Nature Communications</i> , <b>2016</b> , 7, 10494	17.4	107
398	Genetic associations at 53 loci highlight cell types and biological pathways relevant for kidney function. <i>Nature Communications</i> , <b>2016</b> , 7, 10023	17.4	295
397	Metabolomic Profiling of Statin Use and Genetic Inhibition of HMG-CoA Reductase. <i>Journal of the American College of Cardiology</i> , <b>2016</b> , 67, 1200-1210	15.1	106
396	Continuous and Dichotomous Metabolic Syndrome Definitions in Youth Predict Adult Type 2 Diabetes and Carotid Artery Intima Media Thickness: The Cardiovascular Risk in Young Finns Study. <i>Journal of Pediatrics</i> , <b>2016</b> , 171, 97-103.e1-3	3.6	39
395	Longitudinal study of circulating oxidized LDL and HDL and fatty liver: the Cardiovascular Risk in Young Finns Study. <i>Free Radical Research</i> , <b>2016</b> , 50, 396-404	4	10
394	Genome-wide association analysis identifies three new susceptibility loci for childhood body mass index. <i>Human Molecular Genetics</i> , <b>2016</b> , 25, 389-403	5.6	202
393	Genome-Wide Meta-Analysis of Sciatica in Finnish Population. <i>PLoS ONE</i> , <b>2016</b> , 11, e0163877	3.7	15
392	Cognitive performance in young adulthood and midlife: Relations with age, sex, and education-The Cardiovascular Risk in Young Finns Study. <i>Neuropsychology</i> , <b>2016</b> , 30, 532-42	3.8	16
391	The Combined Effect of Common Genetic Risk Variants on Circulating Lipoproteins Is Evident in Childhood: A Longitudinal Analysis of the Cardiovascular Risk in Young Finns Study. <i>PLoS ONE</i> , <b>2016</b> , 11, e0146081	3.7	20
390	Childhood Psychosocial Cumulative Risks and Carotid Intima-Media Thickness in Adulthood: The Cardiovascular Risk in Young Finns Study. <i>Psychosomatic Medicine</i> , <b>2016</b> , 78, 171-81	3.7	23
389	Exome Genotyping Identifies Pleiotropic Variants Associated with Red Blood Cell Traits. <i>American Journal of Human Genetics</i> , <b>2016</b> , 99, 8-21	11	47
388	Reference Values for Echocardiography in Middle-Aged Population: The Cardiovascular Risk in Young Finns Study. <i>Echocardiography</i> , <b>2016</b> , 33, 193-206	1.5	16
387	Meta-analysis of 49 549 individuals imputed with the 1000 Genomes Project reveals an exonic damaging variant in ANGPTL4 determining fasting TG levels. <i>Journal of Medical Genetics</i> , <b>2016</b> , 53, 441-9	5.8	27
386	Blood hsa-miR-122-5p and hsa-miR-885-5p levels associate with fatty liver and related lipoprotein metabolism-The Young Finns Study. <i>Scientific Reports</i> , <b>2016</b> , 6, 38262	4.9	42
385	Associations of functional alanine-glyoxylate aminotransferase 2 gene variants with atrial fibrillation and ischemic stroke. <i>Scientific Reports</i> , <b>2016</b> , 6, 23207	4.9	15

384	Childhood Infections, Socioeconomic Status, and Adult Cardiometabolic Risk. <i>Pediatrics</i> , <b>2016</b> , 137,	7.4	22
383	Childhood predictors of adult fatty liver. The Cardiovascular Risk in Young Finns Study. <i>Journal of Hepatology</i> , <b>2016</b> , 65, 784-790	13.4	36
382	Genome-wide association study identifies 74 loci associated with educational attainment. <i>Nature</i> , <b>2016</b> , 533, 539-42	50.4	850
381	Life-course risk factor levels and coronary artery calcification. The Cardiovascular Risk in Young Finns Study. <i>International Journal of Cardiology</i> , <b>2016</b> , 225, 23-29	3.2	13
380	Genome-wide associations for birth weight and correlations with adult disease. <i>Nature</i> , <b>2016</b> , 538, 248-252.	52.4	266
379	Effects of hormonal contraception on systemic metabolism: cross-sectional and longitudinal evidence. <i>International Journal of Epidemiology</i> , <b>2016</b> , 45, 1445-1457	7.8	41
378	Whole-Exome Sequencing Identifies Loci Associated with Blood Cell Traits and Reveals a Role for Alternative GFI1B Splice Variants in Human Hematopoiesis. <i>American Journal of Human Genetics</i> , <b>2016</b> , 99, 481-8	11	31
377	Metabolite profiling and cardiovascular event risk: a prospective study of 3 population-based cohorts. <i>Circulation</i> , <b>2015</b> , 131, 774-85	16.7	367
376	Analysis of apoptosis-related genes in patients with clinically isolated syndrome and their association with conversion to multiple sclerosis. <i>Journal of Neuroimmunology</i> , <b>2015</b> , 280, 43-8	3.5	8
375	Early childhood hospitalisation with infection and subclinical atherosclerosis in adulthood: the Cardiovascular Risk in Young Finns Study. <i>Atherosclerosis</i> , <b>2015</b> , 239, 496-502	3.1	27
374	Impact of blood pressure on retinal microvasculature architecture across the lifespan: the Young Finns Study. <i>Microcirculation</i> , <b>2015</b> , 22, 146-55	2.9	12
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372	Deficiency in Melanocortin 1 Receptor Signaling Predisposes to Vascular Endothelial Dysfunction and Increased Arterial Stiffness in Mice and Humans. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2015</b> , 35, 1678-86	9.4	14
371	Directional dominance on stature and cognition in diverse human populations. <i>Nature</i> , <b>2015</b> , 523, 459-462.	50.4	119
370	Gene-Environment Interactions of Circadian-Related Genes for Cardiometabolic Traits. <i>Diabetes Care</i> , <b>2015</b> , 38, 1456-66	14.6	36
369	Paraoxonase-1 and oxidized lipoprotein lipids. The Cardiovascular Risk in Young Finns Study. <i>Atherosclerosis</i> , <b>2015</b> , 241, 502-6	3.1	14
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367	Lifetime measures of ideal cardiovascular health and their association with subclinical atherosclerosis: The Cardiovascular Risk in Young Finns Study. <i>International Journal of Cardiology</i> , <b>2015</b> , 185, 186-91	3.2	46

366	Childhood 25-OH vitamin D levels and carotid intima-media thickness in adulthood: the cardiovascular risk in young Finns study. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2015</b> , 100, 1469-76	5.6	39
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363	Predicting sudden cardiac death using common genetic risk variants for coronary artery disease. <i>European Heart Journal</i> , <b>2015</b> , 36, 1669-75	9.5	19
362	Exposure to parental smoking in childhood is associated with increased risk of carotid atherosclerotic plaque in adulthood: the Cardiovascular Risk in Young Finns Study. <i>Circulation</i> , <b>2015</b> , 131, 1239-46	16.7	53
361	Insulin and BMI as predictors of adult type 2 diabetes mellitus. <i>Pediatrics</i> , <b>2015</b> , 135, e144-51	7.4	33
360	Molecular mechanisms underlying variations in lung function: a systems genetics analysis. <i>Lancet Respiratory Medicine</i> , <b>2015</b> , 3, 782-95	35.1	52
359	Integrative pathway genomics of lung function and airflow obstruction. <i>Human Molecular Genetics</i> , <b>2015</b> , 24, 6836-48	5.6	20
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357	Trans-ancestry genome-wide association study identifies 12 genetic loci influencing blood pressure and implicates a role for DNA methylation. <i>Nature Genetics</i> , <b>2015</b> , 47, 1282-1293	36.3	223
356	The Biomarker GlycA Is Associated with Chronic Inflammation and Predicts Long-Term Risk of Severe Infection. <i>Cell Systems</i> , <b>2015</b> , 1, 293-301	10.6	113
355	Vigorous physical activity and carotid distensibility in young and mid-aged adults. <i>Hypertension Research</i> , <b>2015</b> , 38, 355-60	4.7	12
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349	Prevalence and determinants of fatty liver in normal-weight and overweight young adults. The Cardiovascular Risk in Young Finns Study. <i>Annals of Medicine</i> , <b>2015</b> , 47, 40-6	1.5	29

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341	Effect of birth weight on life-course blood pressure levels among children born premature: the Cardiovascular Risk in Young Finns Study. <i>Journal of Hypertension</i> , <b>2015</b> , 33, 1542-8	1.9	41
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232	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> , <b>2012</b> , 5, 242-9		153
231	Genes involved in systemic and arterial bed dependent atherosclerosis--Tampere Vascular study. <i>PLoS ONE</i> , <b>2012</b> , 7, e33787	3.7	29
230	Carotid artery intima-media thickness and elasticity in relation to glucose tolerance. <i>Acta Diabetologica</i> , <b>2012</b> , 49, 215-23	3.9	16
229	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> , <b>2012</b> , 8, e1002805	6	116
228	Metabolic signatures of insulin resistance in 7,098 young adults. <i>Diabetes</i> , <b>2012</b> , 61, 1372-80	0.9	224
227	Soluble vascular adhesion protein-1 correlates with cardiovascular risk factors and early atherosclerotic manifestations. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2012</b> , 32, 523-32	9.4	41
226	Evidence of inbreeding depression on human height. <i>PLoS Genetics</i> , <b>2012</b> , 8, e1002655	6	62
225	Genome-wide association and functional follow-up reveals new loci for kidney function. <i>PLoS Genetics</i> , <b>2012</b> , 8, e1002584	6	143
224	Novel Loci for metabolic networks and multi-tissue expression studies reveal genes for atherosclerosis. <i>PLoS Genetics</i> , <b>2012</b> , 8, e1002907	6	125
223	Childhood nutrition in predicting metabolic syndrome in adults: the cardiovascular risk in Young Finns Study. <i>Diabetes Care</i> , <b>2012</b> , 35, 1937-43	14.6	51



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217	Childhood physical, environmental, and genetic predictors of adult hypertension: the cardiovascular risk in young Finns study. <i>Circulation</i> , <b>2012</b> , 126, 402-9	16.7	83
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214	Increased genetic vulnerability to smoking at CHRNA5 in early-onset smokers. <i>Archives of General Psychiatry</i> , <b>2012</b> , 69, 854-60		65
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202	Apolipoprotein B is related to arterial pulse wave velocity in young adults: the Cardiovascular Risk in Young Finns Study. <i>Atherosclerosis</i> , <b>2011</b> , 214, 220-4	3.1	18
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164	Genome-wide association study identifies five loci associated with lung function. <i>Nature Genetics</i> , <b>2010</b> , 42, 36-44	36.3	430
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148	Lifetime risk factors and arterial pulse wave velocity in adulthood: the cardiovascular risk in young Finns study. <i>Hypertension</i> , <b>2010</b> , 55, 806-11	8.5	101
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143	Atrioventricular conduction and cardiovascular mortality: assessment of recovery PR interval is superior to pre-exercise measurement. <i>Heart Rhythm</i> , <b>2010</b> , 7, 796-801	6.7	11
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137	Prediction of acute mountain sickness by monitoring arterial oxygen saturation during ascent. <i>High Altitude Medicine and Biology</i> , <b>2010</b> , 11, 325-32	1.9	79
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134	Childbearing, child-rearing, cardiovascular risk factors, and progression of carotid intima-media thickness: the Cardiovascular Risk in Young Finns study. <i>Stroke</i> , <b>2010</b> , 41, 1332-7	6.7	26
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121	Enhanced predictive power of quantitative TWA during routine exercise testing in the Finnish Cardiovascular Study. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2009</b> , 20, 408-15	2.7	47
120	Short-term heart rate variability in healthy young adults: the Cardiovascular Risk in Young Finns Study. <i>Autonomic Neuroscience: Basic and Clinical</i> , <b>2009</b> , 145, 81-8	2.4	46
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118	Analysis of cardiovascular responses to passive head-up tilt using continuous pulse wave analysis and impedance cardiography. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , <b>2009</b> , 69, 128 <sup>2</sup> 37		56
117	High-throughput serum NMR metabolomics for cost-effective holistic studies on systemic metabolism. <i>Analyst</i> , <b>2009</b> , 134, 1781-5	5	361
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112	Metabolic syndrome and carotid intima media thickness in the Health 2000 Survey. <i>Atherosclerosis</i> , <b>2009</b> , 204, 276-81	3.1	32
111	Alcohol consumption is directly associated with carotid intima-media thickness in Finnish young adults: the Cardiovascular Risk in Young Finns Study. <i>Atherosclerosis</i> , <b>2009</b> , 204, e93-8	3.1	48
110	Ageing and cardiovascular responses to head-up tilt in healthy subjects. <i>Atherosclerosis</i> , <b>2009</b> , 207, 445-51	3.1	27
109	Interleukin-6 promoter polymorphism and cardiovascular risk factors: the Health 2000 Survey. <i>Atherosclerosis</i> , <b>2009</b> , 207, 466-70	3.1	32
108	Combined assessment of heart rate recovery and T-wave alternans during routine exercise testing improves prediction of total and cardiovascular mortality: the Finnish Cardiovascular Study. <i>Heart Rhythm</i> , <b>2009</b> , 6, 1765-71	6.7	39
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102	Pharmacogenetics of apolipoprotein E gene during lipid-lowering therapy: lipid levels and prevention of coronary heart disease. <i>Pharmacogenomics</i> , <b>2008</b> , 9, 1475-86	2.6	63
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13	Discovering patterns of pleiotropy in genome-wide association studies		1
12	Metabolic profiling of alcohol consumption in 9778 young adults		2
11	Novel blood pressure locus and gene discovery using GWAS and expression datasets from blood and the kidney		1
10	Ninety-nine independent genetic loci influencing general cognitive function include genes associated with brain health and structure (N = 280,360)		6
9	Genetic analysis of over one million people identifies 535 novel loci for blood pressure		4
8	The Polygenic and Monogenic Basis of Blood Traits and Diseases		3
7	Genome-wide association studies identify 137 loci for DNA methylation biomarkers of ageing		8

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