

Terho Lehtimäki

List of Publications by Year in Descending Order

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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.

1,035
papers

75,984
citations

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 | Genome-wide meta-analysis of phytosterols reveals five novel loci and a detrimental effect on coronary atherosclerosis.. <i>Nature Communications</i> , 2022 , 13, 143 | 17.4 | 3 |
| 1034 | Genome-wide analysis of 102,084 migraine cases identifies 123 risk loci and subtype-specific risk alleles.. <i>Nature Genetics</i> , 2022 , 54, 152-160 | 36.3 | 13 |
| 1033 | C-type lectin receptor CLEC4A2 promotes tissue adaptation of macrophages and protects against atherosclerosis.. <i>Nature Communications</i> , 2022 , 13, 215 | 17.4 | 3 |
| 1032 | Circulating inflammatory cytokines and risk of five cancers: a Mendelian randomization analysis.. <i>BMC Medicine</i> , 2022 , 20, 3 | 11.4 | 1 |
| 1031 | Prevalence and long-term prognostic implications of prolonged QRS duration in left ventricular hypertrophy: a population-based observational cohort study.. <i>BMJ Open</i> , 2022 , 12, e053477 | 3 | |
| 1030 | Multi-Omics Integration in a Twin Cohort and Predictive Modeling of Blood Pressure Values.. <i>OMICS A Journal of Integrative Biology</i> , 2022 , 26, 130-141 | 3.8 | 1 |
| 1029 | Genetics of osteopontin in patients with chronic kidney disease: The German chronic kidney disease study.. <i>PLoS Genetics</i> , 2022 , 18, e1010139 | 6 | |
| 1028 | Genome-wide Association Meta-analysis of Childhood and Adolescent Internalizing Symptoms.. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2022 , | 7.2 | 2 |
| 1027 | Does better education mitigate risky health behavior? A mendelian randomization study.. <i>Economics and Human Biology</i> , 2022 , 46, 101134 | 2.6 | 2 |
| 1026 | DNA methylation signature of chronic low-grade inflammation and its role in cardio-respiratory diseases.. <i>Nature Communications</i> , 2022 , 13, 2408 | 17.4 | 1 |
| 1025 | Interatrial block and P terminal force in the general population - Longitudinal changes, risk factors and prognosis.. <i>Journal of Electrocardiology</i> , 2022 , 73, 12-20 | 1.4 | 1 |
| 1024 | Randomised double-blind phase 3 clinical study testing impact of atorvastatin on prostate cancer progression after initiation of androgen deprivation therapy: study protocol.. <i>BMJ Open</i> , 2022 , 12, e050264 | 2.64 | 0 |
| 1023 | Gene-educational attainment interactions in a multi-ancestry genome-wide meta-analysis identify novel blood pressure loci. <i>Molecular Psychiatry</i> , 2021 , 26, 2111-2125 | 15.1 | 3 |
| 1022 | Genome-wide association meta-analysis of nicotine metabolism and cigarette consumption measures in smokers of European descent. <i>Molecular Psychiatry</i> , 2021 , 26, 2212-2223 | 15.1 | 22 |
| 1021 | Population-based randomized trial of screening for clinically significant prostate cancer ProScreen: pilot study.. <i>BJU International</i> , 2021 , | 5.6 | 1 |
| 1020 | The power of genetic diversity in genome-wide association studies of lipids. <i>Nature</i> , 2021 , | 50.4 | 24 |
| 1019 | Birth weight, adult weight, and cardiovascular biomarkers: Evidence from the Cardiovascular Young Finns Study. <i>Preventive Medicine</i> , 2021 , 154, 106894 | 4.3 | |

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|------|---|------|----|
| 1018 | 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> , 2021 , 30, 367-375 | 1.7 | 1 |
| 1017 | Metabolic profiles of socio-economic position: a multi-cohort analysis. <i>International Journal of Epidemiology</i> , 2021 , 50, 768-782 | 7.8 | 3 |
| 1016 | Modular genome-wide gene expression architecture shared by early traits of osteoporosis and atherosclerosis in the Young Finns Study. <i>Scientific Reports</i> , 2021 , 11, 7111 | 4.9 | 0 |
| 1015 | The relationship of socioeconomic status in childhood and adulthood with compassion: A study with a prospective 32-year follow-up. <i>PLoS ONE</i> , 2021 , 16, e0248226 | 3.7 | 1 |
| 1014 | Evaluating the direct effects of childhood adiposity on adult systemic metabolism: a multivariable Mendelian randomization analysis. <i>International Journal of Epidemiology</i> , 2021 , 50, 1580-1592 | 7.8 | 4 |
| 1013 | Evolution of genetic networks for human creativity. <i>Molecular Psychiatry</i> , 2021 , | 15.1 | 8 |
| 1012 | Multi-ancestry genome-wide gene-sleep interactions identify novel loci for blood pressure. <i>Molecular Psychiatry</i> , 2021 , | 15.1 | 3 |
| 1011 | Compassion protects against vital exhaustion and negative emotionality. <i>Motivation and Emotion</i> , 2021 , 45, 506-517 | 2.5 | 0 |
| 1010 | Adulthood blood levels of hsa-miR-29b-3p associate with preterm birth and adult metabolic and cognitive health. <i>Scientific Reports</i> , 2021 , 11, 9203 | 4.9 | 2 |
| 1009 | Functional Polymorphisms in Oxytocin and Dopamine Pathway Genes and the Development of Dispositional Compassion Over Time: The Young Finns Study. <i>Frontiers in Psychology</i> , 2021 , 12, 576346 | 3.4 | 2 |
| 1008 | Cardiovascular Risk Factor Trajectories Since Childhood and Cognitive Performance in Midlife: The Cardiovascular Risk in Young Finns Study. <i>Circulation</i> , 2021 , 143, 1949-1961 | 16.7 | 4 |
| 1007 | Genome-wide association studies identify 137 genetic loci for DNA methylation biomarkers of aging. <i>Genome Biology</i> , 2021 , 22, 194 | 18.3 | 14 |
| 1006 | Prehospital Adenosine Diphosphate Receptor Blocker Use, Culprit Artery Flow, and Mortality in STEMI: The MADDEC Study. <i>Clinical Drug Investigation</i> , 2021 , 41, 605-613 | 3.2 | 0 |
| 1005 | Meta-analysis of epigenome-wide association studies of carotid intima-media thickness. <i>European Journal of Epidemiology</i> , 2021 , 36, 1143-1155 | 12.1 | 4 |
| 1004 | Association of Non-High-Density Lipoprotein Cholesterol Measured in Adolescence, Young Adulthood, and Mid-Adulthood With Coronary Artery Calcification Measured in Mid-Adulthood. <i>JAMA Cardiology</i> , 2021 , 6, 661-668 | 16.2 | 4 |
| 1003 | Evaluation of Shared Genetic Susceptibility to High and Low Myopia and Hyperopia. <i>JAMA Ophthalmology</i> , 2021 , 139, 601-609 | 3.9 | 4 |
| 1002 | Methylation status of nc886 epiallele reflects periconceptual conditions and is associated with glucose metabolism through nc886 RNAs. <i>Clinical Epigenetics</i> , 2021 , 13, 143 | 7.7 | 1 |
| 1001 | Genetic association study of childhood aggression across raters, instruments, and age. <i>Translational Psychiatry</i> , 2021 , 11, 413 | 8.6 | 7 |

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|------|---|------|----|
| 1000 | Birth weight and adult income: An examination of mediation through adult height and body mass. <i>Health Economics (United Kingdom)</i> , 2021 , 30, 2383-2398 | 2.4 | |
| 999 | Three genetic-environmental networks for human personality. <i>Molecular Psychiatry</i> , 2021 , 26, 3858-3875 | 15.1 | 37 |
| 998 | Childhood and long-term dietary calcium intake and adult cardiovascular risk in a population with high calcium intake. <i>Clinical Nutrition</i> , 2021 , 40, 1926-1931 | 5.9 | 1 |
| 997 | Comparison of 2 fully automated tests detecting antibodies against nucleocapsid N and spike S1/S2 proteins in COVID-19. <i>Diagnostic Microbiology and Infectious Disease</i> , 2021 , 99, 115197 | 2.9 | 9 |
| 996 | 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> , 2021 , 26, e12799 | 1.5 | 5 |
| 995 | Childhood exposure to parental smoking and life-course overweight and central obesity. <i>Annals of Medicine</i> , 2021 , 53, 208-216 | 1.5 | 2 |
| 994 | Metabolic profiling of angiotensin-like protein 3 and 4 inhibition: a drug-target Mendelian randomization analysis. <i>European Heart Journal</i> , 2021 , 42, 1160-1169 | 9.5 | 11 |
| 993 | 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 |
| 992 | 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> , 2021 , 162, 225-232 | 7.8 | |
| 991 | Self-Reported Cognitive Functions Predict the Trajectory of Paranoid Ideation Over a 15-Year Prospective Follow-Up. <i>Cognitive Therapy and Research</i> , 2021 , 45, 333-342 | 2.7 | |
| 990 | Meta-analysis uncovers genome-wide significant variants for rapid kidney function decline. <i>Kidney International</i> , 2021 , 99, 926-939 | 9.9 | 6 |
| 989 | Long-term outcome of intraventricular conduction delays in the general population. <i>Annals of Noninvasive Electrocardiology</i> , 2021 , 26, e12788 | 1.5 | 4 |
| 988 | 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 |
| 987 | Examining the effect of mitochondrial DNA variants on blood pressure in two Finnish cohorts. <i>Scientific Reports</i> , 2021 , 11, 611 | 4.9 | 1 |
| 986 | DNA methylation signatures of aggression and closely related constructs: A meta-analysis of epigenome-wide studies across the lifespan. <i>Molecular Psychiatry</i> , 2021 , 26, 2148-2162 | 15.1 | 7 |
| 985 | Association of lifetime blood pressure with adulthood exercise blood pressure response: the cardiovascular risk in young Finns study. <i>Blood Pressure</i> , 2021 , 30, 126-132 | 1.7 | 0 |
| 984 | 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> , 2021 , 106, e2078-e2086 | 5.6 | 3 |
| 983 | Childhood and Adulthood Passive Smoking and Nonalcoholic Fatty Liver in Midlife: A 31-year Cohort Study. <i>American Journal of Gastroenterology</i> , 2021 , 116, 1256-1263 | 0.7 | 1 |

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|-----|---|------|----|
| 982 | Genome-wide association study of circulating interleukin 6 levels identifies novel loci. <i>Human Molecular Genetics</i> , 2021 , 30, 393-409 | 5.6 | 6 |
| 981 | DNA methylation and lipid metabolism: an EWAS of 226 metabolic measures. <i>Clinical Epigenetics</i> , 2021 , 13, 7 | 7.7 | 11 |
| 980 | 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> , 2021 , 151, 970-978 | 4.1 | 5 |
| 979 | Cardiovascular Risk Factors in Childhood and Left Ventricular Diastolic Function in Adulthood. <i>Pediatrics</i> , 2021 , 147, | 7.4 | 3 |
| 978 | Impedance plethysmography-based method in the assessment of subclinical atherosclerosis. <i>Atherosclerosis</i> , 2021 , 319, 101-107 | 3.1 | 2 |
| 977 | Gene regulation contributes to explain the impact of early life socioeconomic disadvantage on adult inflammatory levels in two cohort studies. <i>Scientific Reports</i> , 2021 , 11, 3100 | 4.9 | 6 |
| 976 | Genome-wide analysis identifies novel susceptibility loci for myocardial infarction. <i>European Heart Journal</i> , 2021 , 42, 919-933 | 9.5 | 14 |
| 975 | Systematic evaluation of the association between hemoglobin levels and metabolic profile implicates beneficial effects of hypoxia. <i>Science Advances</i> , 2021 , 7, | 14.3 | 2 |
| 974 | C-reactive protein and temperament: An instrumental variable analysis. <i>Brain, Behavior, & Immunity - Health</i> , 2021 , 14, 100241 | 5.1 | |
| 973 | 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> , 2021 , 14, e003288 | 5.2 | 1 |
| 972 | Genetic differential susceptibility to the parent-child relationship quality and the life span development of compassion. <i>Developmental Psychobiology</i> , 2021 , 63, e22184 | 3 | |
| 971 | Continuity of Genetic Risk for Aggressive Behavior Across the Life-Course. <i>Behavior Genetics</i> , 2021 , 51, 592-606 | 3.2 | 2 |
| 970 | RSPO3 is important for trabecular bone and fracture risk in mice and humans. <i>Nature Communications</i> , 2021 , 12, 4923 | 17.4 | 3 |
| 969 | 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> , 2021 , 336, 32-38 | 3.1 | 2 |
| 968 | Association between Oral Pathology, Carotid Stenosis, and Oral Bacterial DNA in Cerebral Thrombi of Patients with Stroke. <i>Stroke Research and Treatment</i> , 2021 , 2021, 5402764 | 1.7 | 0 |
| 967 | Large-scale cis- and trans-eQTL analyses identify thousands of genetic loci and polygenic scores that regulate blood gene expression. <i>Nature Genetics</i> , 2021 , 53, 1300-1310 | 36.3 | 60 |
| 966 | The Timing and Sequence of Cardiovascular Health Decline. <i>American Journal of Preventive Medicine</i> , 2021 , 61, 545-553 | 6.1 | 0 |
| 965 | Uncovering the shared lipidomic markers of subclinical osteoporosis-atherosclerosis comorbidity: The Young Finns Study. <i>Bone</i> , 2021 , 151, 116030 | 4.7 | 1 |

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|-----|--|------|------|
| 964 | The Role of Inflammatory Cytokines as Intermediates in the Pathway from Increased Adiposity to Disease. <i>Obesity</i> , 2021 , 29, 428-437 | 8 | 6 |
| 963 | Reproductive history and blood cell DNA methylation later in life: the Young Finns Study.. <i>Clinical Epigenetics</i> , 2021 , 13, 227 | 7.7 | 0 |
| 962 | Epigenome-wide association study of serum urate reveals insights into urate co-regulation and the SLC2A9 locus. <i>Nature Communications</i> , 2021 , 12, 7173 | 17.4 | 1 |
| 961 | Meta-analyses identify DNA methylation associated with kidney function and damage. <i>Nature Communications</i> , 2021 , 12, 7174 | 17.4 | 0 |
| 960 | 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> , 2020 , 35, 685-697 ^{12.1} | 12.1 | 2 |
| 959 | The mutational constraint spectrum quantified from variation in 141,456 humans. <i>Nature</i> , 2020 , 581, 434-443 | 50.4 | 2278 |
| 958 | Multi-ancestry GWAS of the electrocardiographic PR interval identifies 202 loci underlying cardiac conduction. <i>Nature Communications</i> , 2020 , 11, 2542 | 17.4 | 16 |
| 957 | Identification, Heritability, and Relation With Gene Expression of Novel DNA Methylation Loci for Blood Pressure. <i>Hypertension</i> , 2020 , 76, 195-205 | 8.5 | 12 |
| 956 | Childhood Oral Infections Associate with Adulthood Metabolic Syndrome: A Longitudinal Cohort Study. <i>Journal of Dental Research</i> , 2020 , 99, 1165-1173 | 8.1 | 3 |
| 955 | Longitudinal association of a body mass index (BMI) genetic risk score with growth and BMI changes across the life course: The Cardiovascular Risk in Young Finns Study. <i>International Journal of Obesity</i> , 2020 , 44, 1733-1742 | 5.5 | 5 |
| 954 | Serum apolipoprotein A-I concentration differs in coronary and peripheral artery disease. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2020 , 80, 370-374 | 2 | 1 |
| 953 | Education leads to a more physically active lifestyle: Evidence based on Mendelian randomization. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020 , 30, 1194-1204 | 4.6 | 7 |
| 952 | Cardiovascular Health Trajectories From Childhood Through Middle Age and Their Association With Subclinical Atherosclerosis. <i>JAMA Cardiology</i> , 2020 , 5, 557-566 | 16.2 | 27 |
| 951 | A genome-wide cross-phenotype meta-analysis of the association of blood pressure with migraine. <i>Nature Communications</i> , 2020 , 11, 3368 | 17.4 | 22 |
| 950 | Urine headspace analysis with field asymmetric ion mobility spectrometry for detection of chronic kidney disease. <i>Biomarkers in Medicine</i> , 2020 , 14, 629-638 | 2.3 | 1 |
| 949 | EpiMetal: an open-source graphical web browser tool for easy statistical analyses in epidemiology and metabolomics. <i>International Journal of Epidemiology</i> , 2020 , 49, 1075-1081 | 7.8 | 2 |
| 948 | Epigenetic Link Between Statin Therapy and Type 2 Diabetes. <i>Diabetes Care</i> , 2020 , 43, 875-884 | 14.6 | 16 |
| 947 | The prevalence and prognostic significance of interatrial block in the general population. <i>Annals of Medicine</i> , 2020 , 52, 63-73 | 1.5 | 5 |

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| 946 | Apolipoprotein A-I concentrations and risk of coronary artery disease: A Mendelian randomization study. <i>Atherosclerosis</i> , 2020 , 299, 56-63 | 3.1 | 27 |
| 945 | 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 |
| 944 | Do childhood infections affect labour market outcomes in adulthood and, if so, how?. <i>Economics and Human Biology</i> , 2020 , 37, 100857 | 2.6 | 2 |
| 943 | Does Compassion Predict Blood Pressure and Hypertension? The Modifying Role of Familial Risk for Hypertension. <i>International Journal of Behavioral Medicine</i> , 2020 , 27, 527-538 | 2.6 | 3 |
| 942 | 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> , 2020 , 189, 679-689 | 3.8 | 6 |
| 941 | Childhood Exposure to Parental Smoking and Midlife Cognitive Function. <i>American Journal of Epidemiology</i> , 2020 , 189, 1280-1291 | 3.8 | 6 |
| 940 | Somatic complaints in early adulthood predict the developmental course of compassion into middle age. <i>Journal of Psychosomatic Research</i> , 2020 , 131, 109942 | 4.1 | 0 |
| 939 | Similarity of salivary microbiome in parents and adult children. <i>PeerJ</i> , 2020 , 8, e8799 | 3.1 | 5 |
| 938 | Leukocyte telomere length is inversely associated with arterial wave reflection in 566 normotensive and never-treated hypertensive subjects. <i>Aging</i> , 2020 , 12, 12376-12392 | 5.6 | 0 |
| 937 | 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> , 2020 , 24, 326-333 | 0.8 | 1 |
| 936 | Epigenome-450K-wide methylation signatures of active cigarette smoking: The Young Finns Study. <i>Bioscience Reports</i> , 2020 , 40, | 4.1 | 5 |
| 935 | Increase in adiposity from childhood to adulthood predicts a metabolically obese phenotype in normal-weight adults. <i>International Journal of Obesity</i> , 2020 , 44, 848-851 | 5.5 | 4 |
| 934 | Model selection for metabolomics: predicting diagnosis of coronary artery disease using automated machine learning. <i>Bioinformatics</i> , 2020 , 36, 1772-1778 | 7.2 | 18 |
| 933 | Childhood risk factors and carotid atherosclerotic plaque in adulthood: The Cardiovascular Risk in Young Finns Study. <i>Atherosclerosis</i> , 2020 , 293, 18-25 | 3.1 | 15 |
| 932 | 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> , 2020 , 58, 176-183 | 1.4 | |
| 931 | The association between charlson comorbidity index and mortality in acute coronary syndrome - the MADDEC study. <i>Scandinavian Cardiovascular Journal</i> , 2020 , 54, 146-152 | 2 | 5 |
| 930 | Lipidomic architecture shared by subclinical markers of osteoporosis and atherosclerosis: The Cardiovascular Risk in Young Finns Study. <i>Bone</i> , 2020 , 131, 115160 | 4.7 | 8 |
| 929 | Influence of Genetic Variation in on Endothelial Function and Stroke. <i>Hypertension</i> , 2020 , 75, 365-371 | 8.5 | 1 |

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|-----|--|------|-----|
| 928 | The Polygenic and Monogenic Basis of Blood Traits and Diseases. <i>Cell</i> , 2020 , 182, 1214-1231.e11 | 56.2 | 96 |
| 927 | 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> , 2020 , 31, 100639 | 2.4 | 2 |
| 926 | Novel loci for childhood body mass index and shared heritability with adult cardiometabolic traits. <i>PLoS Genetics</i> , 2020 , 16, e1008718 | 6 | 25 |
| 925 | Circulatory and prostatic tissue lipidomic profiles shifts after high-dose atorvastatin use in men with prostate cancer. <i>Scientific Reports</i> , 2020 , 10, 12016 | 4.9 | 5 |
| 924 | Association of Factor V Leiden With Subsequent Atherothrombotic Events: A GENIUS-CHD Study of Individual Participant Data. <i>Circulation</i> , 2020 , 142, 546-555 | 16.7 | 5 |
| 923 | Systemic vascular resistance predicts the development of hypertension: the cardiovascular risk in young Finns study. <i>Blood Pressure</i> , 2020 , 29, 362-369 | 1.7 | 3 |
| 922 | 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> , 2020 , 10, 19223 | 4.9 | 10 |
| 921 | Bidirectional pathways between psychosocial risk factors and paranoid ideation in a general nonclinical population. <i>Development and Psychopathology</i> , 2020 , 1-10 | 4.3 | 1 |
| 920 | Circulating cell-free DNA level predicts all-cause mortality independent of other predictors in the Health 2000 survey. <i>Scientific Reports</i> , 2020 , 10, 13809 | 4.9 | 6 |
| 919 | 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 |
| 918 | Genetic Studies of Leptin Concentrations Implicate Leptin in the Regulation of Early Adiposity. <i>Diabetes</i> , 2020 , 69, 2806-2818 | 0.9 | 10 |
| 917 | Uncovering the complex genetics of human character. <i>Molecular Psychiatry</i> , 2020 , 25, 2295-2312 | 15.1 | 42 |
| 916 | Uncovering the complex genetics of human temperament. <i>Molecular Psychiatry</i> , 2020 , 25, 2275-2294 | 15.1 | 37 |
| 915 | Childhood Socioeconomic Disadvantage and Risk of Fatty Liver in Adulthood: The Cardiovascular Risk in Young Finns Study. <i>Hepatology</i> , 2020 , 71, 67-75 | 11.2 | 3 |
| 914 | Uncovering the complex genetics of human personality: response from authors on the PGMRA Model. <i>Molecular Psychiatry</i> , 2020 , 25, 2210-2213 | 15.1 | 10 |
| 913 | 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 |
| 912 | National trends in total cholesterol obscure heterogeneous changes in HDL and non-HDL cholesterol and total-to-HDL cholesterol ratio: a pooled analysis of 458 population-based studies in Asian and Western countries. <i>International Journal of Epidemiology</i> , 2020 , 49, 173-192 | 7.8 | 25 |
| 911 | The relationship of dispositional compassion with well-being: a study with a 15-year prospective follow-up. <i>Journal of Positive Psychology</i> , 2020 , 15, 806-820 | 3.2 | 11 |

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|-----|---|------|-----|
| 910 | Cardiorespiratory fitness and heart rate recovery predict sudden cardiac death independent of ejection fraction. <i>Heart</i> , 2020 , 106, 434-440 | 5.1 | 3 |
| 909 | CVD risk factors and surrogate markers - Urban-rural differences. <i>Scandinavian Journal of Public Health</i> , 2020 , 48, 752-761 | 3 | 4 |
| 908 | Pulse wave velocity is related to exercise blood pressure response in young adults. The Cardiovascular Risk in Young Finns Study. <i>Blood Pressure</i> , 2020 , 29, 256-263 | 1.7 | 4 |
| 907 | Differential mobility spectrometry classification of bacteria. <i>Future Microbiology</i> , 2020 , 15, 233-240 | 2.9 | 1 |
| 906 | Discovery of mitochondrial DNA variants associated with genome-wide blood cell gene expression: a population-based mtDNA sequencing study. <i>Human Molecular Genetics</i> , 2019 , 28, 1381-1391 | 5.6 | 1 |
| 905 | Gene expression profiles of TNF-like cytokine 1A (TL1A) and its receptors death receptor 3 (DR3) and decoy receptor 3 (DcR3) in multiple sclerosis. <i>Journal of Neuroimmunology</i> , 2019 , 335, 577020 | 3.5 | 1 |
| 904 | Abdominal adiposity and cardiometabolic risk factors in children and adolescents: a Mendelian randomization analysis. <i>American Journal of Clinical Nutrition</i> , 2019 , 110, 1079-1087 | 7 | 16 |
| 903 | Age-dependent association of gut bacteria with coronary atherosclerosis: Tampere Sudden Death Study. <i>PLoS ONE</i> , 2019 , 14, e0221345 | 3.7 | 11 |
| 902 | Genome-wide association meta-analyses and fine-mapping elucidate pathways influencing albuminuria. <i>Nature Communications</i> , 2019 , 10, 4130 | 17.4 | 43 |
| 901 | Association of Birth Weight With Type 2 Diabetes and Glycemic Traits: A Mendelian Randomization Study. <i>JAMA Network Open</i> , 2019 , 2, e1910915 | 10.4 | 14 |
| 900 | Target genes, variants, tissues and transcriptional pathways influencing human serum urate levels. <i>Nature Genetics</i> , 2019 , 51, 1459-1474 | 36.3 | 122 |
| 899 | Circulating metabolites and the risk of type 2 diabetes: a prospective study of 11,896 young adults from four Finnish cohorts. <i>Diabetologia</i> , 2019 , 62, 2298-2309 | 10.3 | 54 |
| 898 | Genome-wide association meta-analysis of 30,000 samples identifies seven novel loci for quantitative ECG traits. <i>European Journal of Human Genetics</i> , 2019 , 27, 952-962 | 5.3 | 18 |
| 897 | The effect of apolipoprotein E polymorphism on serum metabolome - a population-based 10-year follow-up study. <i>Scientific Reports</i> , 2019 , 9, 458 | 4.9 | 17 |
| 896 | Multiancestry Genome-Wide Association Study of Lipid Levels Incorporating Gene-Alcohol Interactions. <i>American Journal of Epidemiology</i> , 2019 , 188, 1033-1054 | 3.8 | 39 |
| 895 | Multi-ancestry study of blood lipid levels identifies four loci interacting with physical activity. <i>Nature Communications</i> , 2019 , 10, 376 | 17.4 | 41 |
| 894 | Whole blood microRNA levels associate with glycemic status and correlate with target mRNAs in pathways important to type 2 diabetes. <i>Scientific Reports</i> , 2019 , 9, 8887 | 4.9 | 28 |
| 893 | Genome-wide association study identifies seven novel loci associating with circulating cytokines and cell adhesion molecules in Finns. <i>Journal of Medical Genetics</i> , 2019 , 56, 607-616 | 5.8 | 21 |

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|-----|--|------|-----|
| 892 | Association of dietary folate and vitamin B-12 intake with genome-wide DNA methylation in blood: a large-scale epigenome-wide association analysis in 5841 individuals. <i>American Journal of Clinical Nutrition</i> , 2019 , 110, 437-450 | 7 | 22 |
| 891 | Exome-Derived Adiponectin-Associated Variants Implicate Obesity and Lipid Biology. <i>American Journal of Human Genetics</i> , 2019 , 105, 15-28 | 11 | 12 |
| 890 | Dairy Intake and Body Composition and Cardiometabolic Traits among Adults: Mendelian Randomization Analysis of 182041 Individuals from 18 Studies. <i>Clinical Chemistry</i> , 2019 , 65, 751-760 | 5.5 | 11 |
| 889 | 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 |
| 888 | Prospective Validation of the Scandinavian Guidelines for Initial Management of Minimal, Mild, and Moderate Head Injuries in Adults. <i>Journal of Neurotrauma</i> , 2019 , 36, 2904-2912 | 5.4 | 16 |
| 887 | Oral Bacterial Signatures in Cerebral Thrombi of Patients With Acute Ischemic Stroke Treated With Thrombectomy. <i>Journal of the American Heart Association</i> , 2019 , 8, e012330 | 6 | 13 |
| 886 | 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> , 2019 , 104, 2403-2411 | 5.6 | 7 |
| 885 | Genome-wide association study of white-coat effect in hypertensive patients. <i>Blood Pressure</i> , 2019 , 28, 239-249 | 1.7 | 1 |
| 884 | Genetic Determinants of Circulating Glycine Levels and Risk of Coronary Artery Disease. <i>Journal of the American Heart Association</i> , 2019 , 8, e011922 | 6 | 5 |
| 883 | Maternal and infant characteristics connected to shared pleasure in dyadic interaction. <i>Infant Mental Health Journal</i> , 2019 , 40, 459-478 | 2.3 | 8 |
| 882 | Subsequent Event Risk in Individuals With Established Coronary Heart Disease. <i>Circulation Genomic and Precision Medicine</i> , 2019 , 12, e002470 | 5.2 | 13 |
| 881 | Association of Chromosome 9p21 With Subsequent Coronary Heart Disease Events. <i>Circulation Genomic and Precision Medicine</i> , 2019 , 12, e002471 | 5.2 | 14 |
| 880 | Extensive phenotype data and machine learning in prediction of mortality in acute coronary syndrome - the MADDEC study. <i>Annals of Medicine</i> , 2019 , 51, 156-163 | 1.5 | 23 |
| 879 | 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 |
| 878 | The SGLT2 Inhibitor Dapagliflozin Reduces Liver Fat but Does Not Affect Tissue Insulin Sensitivity: A Randomized, Double-Blind, Placebo-Controlled Study With 8-Week Treatment in Type 2 Diabetes Patients. <i>Diabetes Care</i> , 2019 , 42, 931-937 | 14.6 | 81 |
| 877 | The relationship of dispositional compassion for others with depressive symptoms over a 15-year prospective follow-up. <i>Journal of Affective Disorders</i> , 2019 , 250, 354-362 | 6.6 | 6 |
| 876 | Health endowment and later-life outcomes in the labour market: Evidence using genetic risk scores and reduced-form models. <i>SSM - Population Health</i> , 2019 , 7, 100379 | 3.8 | 2 |
| 875 | Determinants of left ventricular diastolic function-The Cardiovascular Risk in Young Finns Study. <i>Echocardiography</i> , 2019 , 36, 854-861 | 1.5 | 7 |

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| 874 | A multi-ancestry genome-wide study incorporating gene-smoking interactions identifies multiple new loci for pulse pressure and mean arterial pressure. <i>Human Molecular Genetics</i> , 2019 , 28, 2615-2633 | 5.6 | 14 |
| 873 | Multi-ancestry genome-wide gene-smoking interaction study of 387,272 individuals identifies new loci associated with serum lipids. <i>Nature Genetics</i> , 2019 , 51, 636-648 | 36.3 | 59 |
| 872 | Detection of Pancreatic Cancer by Urine Volatile Organic Compound Analysis. <i>Anticancer Research</i> , 2019 , 39, 73-79 | 2.3 | 14 |
| 871 | 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 |
| 870 | 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> , 2019 , 24, 1920-1932 | 15.1 | 30 |
| 869 | A meta-analysis of genome-wide association studies identifies multiple longevity genes. <i>Nature Communications</i> , 2019 , 10, 3669 | 17.4 | 102 |
| 868 | 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> , 2019 , 63, e1900226 | 5.9 | 11 |
| 867 | 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 |
| 866 | A trans-ancestral meta-analysis of genome-wide association studies reveals loci associated with childhood obesity. <i>Human Molecular Genetics</i> , 2019 , 28, 3327-3338 | 5.6 | 30 |
| 865 | New evidence from plasma ceramides links apoE polymorphism to greater risk of coronary artery disease in Finnish adults. <i>Journal of Lipid Research</i> , 2019 , 60, 1622-1629 | 6.3 | 12 |
| 864 | Genetic predisposition to higher body fat yet lower cardiometabolic risk in children and adolescents. <i>International Journal of Obesity</i> , 2019 , 43, 2007-2016 | 5.5 | 5 |
| 863 | The role of oxytocinergic genes in the intergenerational transmission of parent-child relationship qualities. <i>Hormones and Behavior</i> , 2019 , 114, 104540 | 3.7 | 2 |
| 862 | New alcohol-related genes suggest shared genetic mechanisms with neuropsychiatric disorders. <i>Nature Human Behaviour</i> , 2019 , 3, 950-961 | 12.8 | 32 |
| 861 | Effects of Calcium, Magnesium, and Potassium Concentrations on Ventricular Repolarization in Unselected Individuals. <i>Journal of the American College of Cardiology</i> , 2019 , 73, 3118-3131 | 15.1 | 12 |
| 860 | 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> , 2019 , 51, 390-396 | 1.5 | 6 |
| 859 | 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> , 2019 , 105, 1076-1090 | 11 | 16 |
| 858 | Multi-ancestry sleep-by-SNP interaction analysis in 126,926 individuals reveals lipid loci stratified by sleep duration. <i>Nature Communications</i> , 2019 , 10, 5121 | 17.4 | 31 |
| 857 | Left ventricular ejection fraction adds value over the GRACE score in prediction of 6-month mortality after ACS: the MADDEC study. <i>Open Heart</i> , 2019 , 6, e001007 | 3 | 4 |

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| 856 | Socioeconomic position, lifestyle habits and biomarkers of epigenetic aging: a multi-cohort analysis. <i>Aging</i> , 2019 , 11, 2045-2070 | 5.6 | 67 |
| 855 | Genomics of 1 million parent lifespans implicates novel pathways and common diseases and distinguishes survival chances. <i>ELife</i> , 2019 , 8, | 8.9 | 82 |
| 854 | Genetic and environmental perturbations lead to regulatory decoherence. <i>ELife</i> , 2019 , 8, | 8.9 | 18 |
| 853 | 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 |
| 852 | Adverse childhood environment and self-reported sleep in adulthood: The Young Finns Study. <i>Health Psychology</i> , 2019 , 38, 705-715 | 5 | 1 |
| 851 | Protein-coding variants implicate novel genes related to lipid homeostasis contributing to body-fat distribution. <i>Nature Genetics</i> , 2019 , 51, 452-469 | 36.3 | 44 |
| 850 | Common Genetic Variation in Relation to Brachial Vascular Dimensions and Flow-Mediated Vasodilation. <i>Circulation Genomic and Precision Medicine</i> , 2019 , 12, e002409 | 5.2 | 2 |
| 849 | 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> , 2019 , 9, e031564 | 3 | 3 |
| 848 | Lipoprotein signatures of cholesteryl ester transfer protein and HMG-CoA reductase inhibition. <i>PLoS Biology</i> , 2019 , 17, e3000572 | 9.7 | 15 |
| 847 | RNA-sequencing reveals that STRN, ZNF484 and WNK1 add to the value of mitochondrial MT-COI and COX10 as markers of unstable coronary artery disease. <i>PLoS ONE</i> , 2019 , 14, e0225621 | 3.7 | 3 |
| 846 | The rs2516839 variation of USF1 gene is associated with 4-year mortality of nonagenarian women: The Vitality 90+ study. <i>Annals of Human Genetics</i> , 2019 , 83, 34-45 | 2.2 | 2 |
| 845 | 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> , 2019 , 104, 2067-2074 | 5.6 | 3 |
| 844 | The Duke treadmill score with bicycle ergometer: Exercise capacity is the most important predictor of cardiovascular mortality. <i>European Journal of Preventive Cardiology</i> , 2019 , 26, 199-207 | 3.9 | 11 |
| 843 | Gene-environment correlations in parental emotional warmth and intolerance: genome-wide analysis over two generations of the Young Finns Study. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2019 , 60, 277-285 | 7.9 | 7 |
| 842 | 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 |
| 841 | No Association Between Risk of Anterior Cruciate Ligament Rupture and Selected Candidate Collagen Gene Variants in Female Elite Athletes From High-Risk Team Sports. <i>American Journal of Sports Medicine</i> , 2019 , 47, 52-58 | 6.8 | 13 |
| 840 | 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> , 2019 , 280, 92-98 | 3.1 | 4 |
| 839 | Increased High-Density Lipoprotein Levels Associated with Age-Related Macular Degeneration: Evidence From the EYE-RISK and European Eye Epidemiology Consortia. <i>Ophthalmology</i> , 2019 , 126, 393-406 | 7.3 | 49 |

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| 838 | The effect of weight on labor market outcomes: An application of genetic instrumental variables. <i>Health Economics (United Kingdom)</i> , 2019 , 28, 65-77 | 2.4 | 28 |
| 837 | Is It Good To Be Good? Dispositional Compassion and Health Behaviors. <i>Annals of Behavioral Medicine</i> , 2019 , 53, 665-673 | 4.5 | 6 |
| 836 | Personality traits and perceptions of organisational justice. <i>International Journal of Psychology</i> , 2019 , 54, 414-422 | 1.9 | 9 |
| 835 | Higher step count is associated with greater bone mass and strength in women but not in men. <i>Archives of Osteoporosis</i> , 2018 , 13, 20 | 2.9 | 2 |
| 834 | 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 |
| 833 | 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 |
| 832 | Genetic Polymorphisms Associated With Constipation and Anticholinergic Symptoms in Patients Receiving Clozapine. <i>Journal of Clinical Psychopharmacology</i> , 2018 , 38, 193-199 | 1.7 | 5 |
| 831 | NAFLD risk alleles in PNPLA3, TM6SF2, GCKR and LYPLAL1 show divergent metabolic effects. <i>Human Molecular Genetics</i> , 2018 , 27, 2214-2223 | 5.6 | 65 |
| 830 | The role of oxytocin receptor gene (OXTR) and mother's emotional warmth in predicting adulthood sociability. <i>Personality and Individual Differences</i> , 2018 , 125, 74-79 | 3.3 | 3 |
| 829 | A Large-Scale Multi-ancestry Genome-wide Study Accounting for Smoking Behavior Identifies Multiple Significant Loci for Blood Pressure. <i>American Journal of Human Genetics</i> , 2018 , 102, 375-400 | 11 | 59 |
| 828 | 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 |
| 827 | Longitudinal associations of temperament and character with paranoid ideation: A population-based study. <i>Psychiatry Research</i> , 2018 , 261, 137-142 | 9.9 | 8 |
| 826 | BMI Trajectories Associated With Resolution of Elevated Youth BMI and Incident Adult Obesity. <i>Pediatrics</i> , 2018 , 141, | 7.4 | 35 |
| 825 | 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 |
| 824 | Pulse Wave Velocity Predicts the Progression of Blood Pressure and Development of Hypertension in Young Adults. <i>Hypertension</i> , 2018 , 71, 451-456 | 8.5 | 57 |
| 823 | Cardiometabolic Health Among Adult Offspring of Hypertensive Pregnancies: The Cardiovascular Risk in Young Finns Study. <i>Journal of the American Heart Association</i> , 2018 , 7, | 6 | 3 |
| 822 | BDNF and NRG1 polymorphisms and temperament in selective serotonin reuptake inhibitor-treated patients with major depression. <i>Acta Neuropsychiatrica</i> , 2018 , 30, 168-174 | 3.9 | 1 |
| 821 | The co-occurrence between depressive symptoms and paranoid ideation: A population-based longitudinal study. <i>Journal of Affective Disorders</i> , 2018 , 229, 48-55 | 6.6 | 9 |

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| 820 | Common Variant Burden Contributes to the Familial Aggregation of Migraine in 1,589 Families. <i>Neuron</i> , 2018 , 98, 743-753.e4 | 13.9 | 42 |
| 819 | Oxytocin receptor gene (OXTR) variant rs1042778 moderates the influence of family environment on changes in perceived social support over time. <i>Journal of Affective Disorders</i> , 2018 , 235, 480-488 | 6.6 | 5 |
| 818 | Genetic Factors Explain a Major Fraction of the 50% Lower Lipoprotein(a) Concentrations in Finns. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018 , 38, 1230-1241 | 9.4 | 17 |
| 817 | Evaluation of serum miR-191-5p, miR-24-3p, miR-128-3p, and miR-376c-3 in multiple sclerosis patients. <i>Acta Neurologica Scandinavica</i> , 2018 , 138, 130-136 | 3.8 | 24 |
| 816 | 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> , 2018 , 61, 317-330 | 10.3 | 17 |
| 815 | Extended Serum Lipid Profile Predicting Long-Term Survival in Patients Treated for Abdominal Aortic Aneurysms. <i>World Journal of Surgery</i> , 2018 , 42, 1200-1207 | 3.3 | 1 |
| 814 | Genome-Wide Interactions with Dairy Intake for Body Mass Index in Adults of European Descent. <i>Molecular Nutrition and Food Research</i> , 2018 , 62, 1700347 | 5.9 | 5 |
| 813 | Bacterial signatures in thrombus aspirates of patients with lower limb arterial and venous thrombosis. <i>Journal of Vascular Surgery</i> , 2018 , 67, 1902-1907 | 3.5 | 4 |
| 812 | Consortium-based genome-wide meta-analysis for childhood dental caries traits. <i>Human Molecular Genetics</i> , 2018 , 27, 3113-3127 | 5.6 | 20 |
| 811 | PR interval genome-wide association meta-analysis identifies 50 loci associated with atrial and atrioventricular electrical activity. <i>Nature Communications</i> , 2018 , 9, 2904 | 17.4 | 39 |
| 810 | Genome-wide association study of nocturnal blood pressure dipping in hypertensive patients. <i>BMC Medical Genetics</i> , 2018 , 19, 110 | 2.1 | 4 |
| 809 | Analysis of shared heritability in common disorders of the brain. <i>Science</i> , 2018 , 360, | 33.3 | 666 |
| 808 | Fatty liver is associated with blood pathways of inflammatory response, immune system activation and prothrombotic state in Young Finns Study. <i>Scientific Reports</i> , 2018 , 8, 10358 | 4.9 | 7 |
| 807 | Exome-chip meta-analysis identifies novel loci associated with cardiac conduction, including ADAMTS6. <i>Genome Biology</i> , 2018 , 19, 87 | 18.3 | 25 |
| 806 | Association of circulating metabolites with healthy diet and risk of cardiovascular disease: analysis of two cohort studies. <i>Scientific Reports</i> , 2018 , 8, 8620 | 4.9 | 32 |
| 805 | Altered Polyamine Profiles in Colorectal Cancer. <i>Anticancer Research</i> , 2018 , 38, 3601-3607 | 2.3 | 14 |
| 804 | Multi-ethnic genome-wide association study for atrial fibrillation. <i>Nature Genetics</i> , 2018 , 50, 1225-1233 | 36.3 | 277 |
| 803 | Novel genetic associations for blood pressure identified via gene-alcohol interaction in up to 570K individuals across multiple ancestries. <i>PLoS ONE</i> , 2018 , 13, e0198166 | 3.7 | 31 |

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| 802 | Increased Liver Fatty Acid Uptake Is Partly Reversed and Liver Fat Content Normalized After Bariatric Surgery. <i>Diabetes Care</i> , 2018 , 41, 368-371 | 14.6 | 18 |
| 801 | Longitudinal Associations of Explosive and Adventurous Temperament Profiles With Character Development: The Modifying Effects of Social Support and Attachment. <i>Journal of Clinical Psychiatry</i> , 2018 , 79, | 4.6 | 2 |
| 800 | Epigenetic Link between Statin Use and Diabetes. <i>Diabetes</i> , 2018 , 67, 1495-P | 0.9 | 1 |
| 799 | Circulating Metabolites and the Risk of Type 2 Diabetes—Prospective Study of 10,938 Young Adults from Four Finnish Cohorts. <i>Diabetes</i> , 2018 , 67, 1519-P | 0.9 | |
| 798 | 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 |
| 797 | 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 |
| 796 | Coronary artery disease diagnosis by means of heart rate variability analysis using respiratory information. <i>IFMBE Proceedings</i> , 2018 , 270-273 | 0.2 | 2 |
| 795 | Dairy Consumption and Body Mass Index Among Adults: Mendelian Randomization Analysis of 184802 Individuals from 25 Studies. <i>Clinical Chemistry</i> , 2018 , 64, 183-191 | 5.5 | 24 |
| 794 | 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> , 2018 , 50, 74-82 | 1.5 | 13 |
| 793 | Aortic sinus diameter in middle age is associated with body size in young adulthood. <i>Heart</i> , 2018 , 104, 773-778 | 5.1 | 1 |
| 792 | Education as a moderator of genetic risk for higher body mass index: prospective cohort study from childhood to adulthood. <i>International Journal of Obesity</i> , 2018 , 42, 866-871 | 5.5 | 10 |
| 791 | GENOME WIDE ASSOCIATION STUDY META-ANALYSIS OF HOMOARGININE USING THE HRC REFERENCE PANEL. <i>Journal of Hypertension</i> , 2018 , 36, e94 | 1.9 | |
| 790 | Childhood adiposity, adult adiposity, and the ACE gene insertion/deletion polymorphism: evidence of gene-environment interaction effects on adult blood pressure and hypertension status in adulthood. <i>Journal of Hypertension</i> , 2018 , 36, 2168-2176 | 1.9 | 4 |
| 789 | Association of maternal prenatal smoking GFI1-locus and cardio-metabolic phenotypes in 18,212 adults. <i>EBioMedicine</i> , 2018 , 38, 206-216 | 8.8 | 19 |
| 788 | A Longitudinal Multilevel Study of the "Social" Genotype and Diversity of the Phenotype. <i>Frontiers in Psychology</i> , 2018 , 9, 2034 | 3.4 | 1 |
| 787 | GWAS and colocalization analyses implicate carotid intima-media thickness and carotid plaque loci in cardiovascular outcomes. <i>Nature Communications</i> , 2018 , 9, 5141 | 17.4 | 64 |
| 786 | Genetic polymorphism of sterol transporters in children with future gallstones. <i>Digestive and Liver Disease</i> , 2018 , 50, 954-960 | 3.3 | 4 |
| 785 | ExomeChip-Wide Analysis of 95 626 Individuals Identifies 10 Novel Loci Associated With QT and JT Intervals. <i>Circulation Genomic and Precision Medicine</i> , 2018 , 11, e001758 | 5.2 | 14 |

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| 784 | Pro-opiomelanocortin and its Processing Enzymes Associate with Plaque Stability in Human Atherosclerosis - Tampere Vascular Study. <i>Scientific Reports</i> , 2018 , 8, 15078 | 4.9 | 6 |
| 783 | Palmitoylethanolamide Promotes a Proresolving Macrophage Phenotype and Attenuates Atherosclerotic Plaque Formation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018 , 38, 2562-2573 | 9.4 | 39 |
| 782 | 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> , 2018 , 11, e002234 | 5.2 | 19 |
| 781 | Circulating metabolic biomarkers of renal function in diabetic and non-diabetic populations. <i>Scientific Reports</i> , 2018 , 8, 15249 | 4.9 | 20 |
| 780 | 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> , 2018 , 7, e009487 | 6 | 9 |
| 779 | 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 |
| 778 | 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 |
| 777 | Does education protect against depression? Evidence from the Young Finns Study using Mendelian randomization. <i>Preventive Medicine</i> , 2018 , 115, 134-139 | 4.3 | 14 |
| 776 | 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 |
| 775 | Common and Rare Coding Genetic Variation Underlying the Electrocardiographic PR Interval. <i>Circulation Genomic and Precision Medicine</i> , 2018 , 11, e002037 | 5.2 | 11 |
| 774 | Study of 300,486 individuals identifies 148 independent genetic loci influencing general cognitive function. <i>Nature Communications</i> , 2018 , 9, 2098 | 17.4 | 254 |
| 773 | Habitual coffee consumption and cognitive function: a Mendelian randomization meta-analysis in up to 415,530 participants. <i>Scientific Reports</i> , 2018 , 8, 7526 | 4.9 | 25 |
| 772 | Circulating microRNAs as biomarkers in progressive multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2017 , 23, 403-412 | 5 | 46 |
| 771 | Evidence for large-scale gene-by-smoking interaction effects on pulmonary function. <i>International Journal of Epidemiology</i> , 2017 , 46, 894-904 | 7.8 | 25 |
| 770 | Differentially expressed genes and canonical pathway expression in human atherosclerotic plaques - Tampere Vascular Study. <i>Scientific Reports</i> , 2017 , 7, 41483 | 4.9 | 29 |
| 769 | Rare and low-frequency coding variants alter human adult height. <i>Nature</i> , 2017 , 542, 186-190 | 50.4 | 412 |
| 768 | Early work-related physical exposures and low back pain in midlife: the Cardiovascular Risk in Young Finns Study. <i>Occupational and Environmental Medicine</i> , 2017 , 74, 163-168 | 2.1 | 19 |
| 767 | 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 |

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| 766 | Reciprocal relationships between psychosocial work characteristics and sleep problems: A two-wave study. <i>Work and Stress</i> , 2017 , 31, 63-81 | 6.1 | 9 |
| 765 | Histaminergic gene polymorphisms associated with sedation in clozapine-treated patients. <i>European Neuropsychopharmacology</i> , 2017 , 27, 442-449 | 1.2 | 8 |
| 764 | Discovery of novel heart rate-associated loci using the Exome Chip. <i>Human Molecular Genetics</i> , 2017 , 26, 2346-2363 | 5.6 | 17 |
| 763 | 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 |
| 762 | Cardiorespiratory Fitness and Risk of Fatty Liver: The Young Finns Study. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 1834-1841 | 1.2 | 15 |
| 761 | Cardiovascular Risk Factors From Childhood and Midlife Cognitive Performance: The Young Finns Study. <i>Journal of the American College of Cardiology</i> , 2017 , 69, 2279-2289 | 15.1 | 60 |
| 760 | 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 |
| 759 | Melanocortin 1 Receptor Signaling Regulates Cholesterol Transport in Macrophages. <i>Circulation</i> , 2017 , 136, 83-97 | 16.7 | 21 |
| 758 | 1000 Genomes-based meta-analysis identifies 10 novel loci for kidney function. <i>Scientific Reports</i> , 2017 , 7, 45040 | 4.9 | 70 |
| 757 | Genetic loci associated with heart rate variability and their effects on cardiac disease risk. <i>Nature Communications</i> , 2017 , 8, 15805 | 17.4 | 50 |
| 756 | Prediction of Adult Dyslipidemia Using Genetic and Childhood Clinical Risk Factors: The Cardiovascular Risk in Young Finns Study. <i>Circulation: Cardiovascular Genetics</i> , 2017 , 10, | | 8 |
| 755 | 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> , 2017 , 6, | 6 | 32 |
| 754 | Prediction of Adulthood Obesity Using Genetic and Childhood Clinical Risk Factors in the Cardiovascular Risk in Young Finns Study. <i>Circulation: Cardiovascular Genetics</i> , 2017 , 10, | | 23 |
| 753 | A genome-wide association meta-analysis on lipoprotein (a) concentrations adjusted for apolipoprotein (a) isoforms. <i>Journal of Lipid Research</i> , 2017 , 58, 1834-1844 | 6.3 | 74 |
| 752 | The biomarker and causal roles of homoarginine in the development of cardiometabolic diseases: an observational and Mendelian randomization analysis. <i>Scientific Reports</i> , 2017 , 7, 11130 | 4.9 | 12 |
| 751 | 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> , 2017 , 33, e2914 | 7.5 | 2 |
| 750 | Urinary Polyamines as Biomarkers for Ovarian Cancer. <i>International Journal of Gynecological Cancer</i> , 2017 , 27, 1360-1366 | 3.5 | 22 |
| 749 | and Loci Associate with Plasma Osmolality. <i>Journal of the American Society of Nephrology: JASN</i> , 2017 , 28, 2311-2321 | 12.7 | 14 |

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| 748 | A Low-Frequency Inactivating Variant Enriched in the Finnish Population Is Associated With Fasting Insulin Levels and Type 2 Diabetes Risk. <i>Diabetes</i> , 2017 , 66, 2019-2032 | 0.9 | 29 |
| 747 | Synergistic Expression of Histone Deacetylase 9 and Matrix Metalloproteinase 12 in M4 Macrophages in Advanced Carotid Plaques. <i>European Journal of Vascular and Endovascular Surgery</i> , 2017 , 53, 632-640 | 2.3 | 11 |
| 746 | Positive Psychosocial Factors in Childhood Predicting Lower Risk for Adult Type 2 Diabetes: The Cardiovascular Risk in Young Finns Study, 1980-2012. <i>American Journal of Preventive Medicine</i> , 2017 , 52, e157-e164 | 6.1 | 5 |
| 745 | Obesity accelerates epigenetic aging in middle-aged but not in elderly individuals. <i>Clinical Epigenetics</i> , 2017 , 9, 20 | 7.7 | 88 |
| 744 | and Loci Identified through Large-Scale Exome Chip Analysis Regulate Kidney Development and Function. <i>Journal of the American Society of Nephrology: JASN</i> , 2017 , 28, 981-994 | 12.7 | 30 |
| 743 | Psychosocial environment in childhood and body mass index growth over 32years. <i>Preventive Medicine</i> , 2017 , 97, 50-55 | 4.3 | 8 |
| 742 | 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 |
| 741 | CNV-association meta-analysis in 191,161 European adults reveals new loci associated with anthropometric traits. <i>Nature Communications</i> , 2017 , 8, 744 | 17.4 | 37 |
| 740 | Differentially expressed genes and canonical pathways in the ascending thoracic aortic aneurysm - The Tampere Vascular Study. <i>Scientific Reports</i> , 2017 , 7, 12127 | 4.9 | 18 |
| 739 | Genome-wide meta-analysis associates HLA-DQA1/DRB1 and LPA and lifestyle factors with human longevity. <i>Nature Communications</i> , 2017 , 8, 910 | 17.4 | 78 |
| 738 | Vitamin D and cognitive function: A Mendelian randomisation study. <i>Scientific Reports</i> , 2017 , 7, 13230 | 4.9 | 32 |
| 737 | Genome-wide association meta-analysis of fish and EPA+DHA consumption in 17 US and European cohorts. <i>PLoS ONE</i> , 2017 , 12, e0186456 | 3.7 | 15 |
| 736 | An interaction map of circulating metabolites, immune gene networks, and their genetic regulation. <i>Genome Biology</i> , 2017 , 18, 146 | 18.3 | 27 |
| 735 | Genetic Interactions with Age, Sex, Body Mass Index, and Hypertension in Relation to Atrial Fibrillation: The AFGen Consortium. <i>Scientific Reports</i> , 2017 , 7, 11303 | 4.9 | 14 |
| 734 | 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> , 2017 , 40, 1386-1393 | 14.6 | 39 |
| 733 | Does high optimism protect against the inter-generational transmission of high BMI? The Cardiovascular Risk in Young Finns Study. <i>Journal of Psychosomatic Research</i> , 2017 , 100, 61-64 | 4.1 | 3 |
| 732 | 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 |
| 731 | 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 |

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| 729 | Identification of a Genetic Variation in ERAP1 Aminopeptidase that Prevents Human Cytomegalovirus miR-UL112-5p-Mediated Immunoavoidance. <i>Cell Reports</i> , 2017 , 20, 846-853 | 10.6 | 16 |
| 728 | A randomized trial of early detection of clinically significant prostate cancer (ProScreen): study design and rationale. <i>European Journal of Epidemiology</i> , 2017 , 32, 521-527 | 12.1 | 16 |
| 727 | The challenges of GxE research: A rejoinder. <i>Social Science and Medicine</i> , 2017 , 188, 204-205 | 5.1 | 1 |
| 726 | Fasting Glucose and the Risk of Depressive Symptoms: Instrumental-Variable Regression in the Cardiovascular Risk in Young Finns Study. <i>International Journal of Behavioral Medicine</i> , 2017 , 24, 901-907 ^{2.6} | 2.6 | 2 |
| 725 | Childhood Socioeconomic Status and Arterial Stiffness in Adulthood: The Cardiovascular Risk in Young Finns Study. <i>Hypertension</i> , 2017 , 70, 729-735 | 8.5 | 15 |
| 724 | Gene-environment interactions between education and body mass: Evidence from the UK and Finland. <i>Social Science and Medicine</i> , 2017 , 195, 12-16 | 5.1 | 10 |
| 723 | Does higher education protect against obesity? Evidence using Mendelian randomization. <i>Preventive Medicine</i> , 2017 , 101, 195-198 | 4.3 | 29 |
| 722 | Influence of Child and Adult Elevated Blood Pressure on Adult Arterial Stiffness: The Cardiovascular Risk in Young Finns Study. <i>Hypertension</i> , 2017 , 70, 531-536 | 8.5 | 39 |
| 721 | Bayesian hierarchical piecewise regression models: a tool to detect trajectory divergence between groups in long-term observational studies. <i>BMC Medical Research Methodology</i> , 2017 , 17, 86 | 4.7 | 8 |
| 720 | 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 |
| 719 | Metabolic profiling of fatty liver in young and middle-aged adults: Cross-sectional and prospective analyses of the Young Finns Study. <i>Hepatology</i> , 2017 , 65, 491-500 | 11.2 | 50 |
| 718 | The Association Between Social Support, Body Mass Index and Increased Risk of Prediabetes: the Cardiovascular Risk in Young Finns Study. <i>International Journal of Behavioral Medicine</i> , 2017 , 24, 161-170 ^{2.6} | 2.6 | 5 |
| 717 | Low serum adiponectin levels in childhood and adolescence predict increased intima-media thickness in adulthood. The Cardiovascular Risk in Young Finns Study. <i>Annals of Medicine</i> , 2017 , 49, 42-50 ^{1.5} | 1.5 | 14 |
| 716 | Stature and long-term labor market outcomes: Evidence using Mendelian randomization. <i>Economics and Human Biology</i> , 2017 , 24, 18-29 | 2.6 | 18 |
| 715 | 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> , 2017 , 10, | | 15 |
| 714 | An epigenome-wide association study meta-analysis of educational attainment. <i>Molecular Psychiatry</i> , 2017 , 22, 1680-1690 | 15.1 | 46 |
| 713 | Large-scale genome-wide analysis identifies genetic variants associated with cardiac structure and function. <i>Journal of Clinical Investigation</i> , 2017 , 127, 1798-1812 | 15.9 | 68 |

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| 712 | Genome-wide physical activity interactions in adiposity - A meta-analysis of 200,452 adults. <i>PLoS Genetics</i> , 2017 , 13, e1006528 | 6 | 103 |
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| 709 | Multiethnic Exome-Wide Association Study of Subclinical Atherosclerosis. <i>Circulation: Cardiovascular Genetics</i> , 2016 , 9, 511-520 | | 34 |
| 708 | A principal component meta-analysis on multiple anthropometric traits identifies novel loci for body shape. <i>Nature Communications</i> , 2016 , 7, 13357 | 17.4 | 46 |
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| 705 | High perceived social support protects against the intergenerational transmission of obesity: The Cardiovascular Risk in Young Finns Study. <i>Preventive Medicine</i> , 2016 , 90, 79-85 | 4.3 | 14 |
| 704 | No Association of Coronary Artery Disease with X-Chromosomal Variants in Comprehensive International Meta-Analysis. <i>Scientific Reports</i> , 2016 , 6, 35278 | 4.9 | 18 |
| 703 | 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 |
| 702 | 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 |
| 701 | Prolonged sleep restriction induces changes in pathways involved in cholesterol metabolism and inflammatory responses. <i>Scientific Reports</i> , 2016 , 6, 24828 | 4.9 | 44 |
| 700 | Genome-Wide Meta-Analysis of Cotinine Levels in Cigarette Smokers Identifies Locus at 4q13.2. <i>Scientific Reports</i> , 2016 , 6, 20092 | 4.9 | 37 |
| 699 | Talin and vinculin are downregulated in atherosclerotic plaque; Tampere Vascular Study. <i>Atherosclerosis</i> , 2016 , 255, 43-53 | 3.1 | 22 |
| 698 | Metabolic profiling of alcohol consumption in 9778 young adults. <i>International Journal of Epidemiology</i> , 2016 , 45, 1493-1506 | 7.8 | 60 |
| 697 | A genome-wide association meta-analysis on apolipoprotein A-IV concentrations. <i>Human Molecular Genetics</i> , 2016 , 25, 3635-3646 | 5.6 | 15 |
| 696 | Genome-wide analysis identifies 12 loci influencing human reproductive behavior. <i>Nature Genetics</i> , 2016 , 48, 1462-1472 | 36.3 | 198 |
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| 691 | Moving on: How depressive symptoms, social support, and health behaviors predict residential mobility. <i>Scandinavian Journal of Public Health</i> , 2016 , 44, 394-401 | 3 | 4 |
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| 687 | Platelet-Related Variants Identified by Exomechip Meta-analysis in 157,293 Individuals. <i>American Journal of Human Genetics</i> , 2016 , 99, 40-55 | 11 | 61 |
| 686 | The serum copper/zinc ratio in childhood and educational attainment: a population-based study. <i>Journal of Public Health</i> , 2016 , 38, 696-703 | 3.5 | 4 |
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| 684 | Ophthalmic epidemiology in Europe: the "European Eye Epidemiology" (E3) consortium. <i>European Journal of Epidemiology</i> , 2016 , 31, 197-210 | 12.1 | 21 |
| 683 | USF1 deficiency activates brown adipose tissue and improves cardiometabolic health. <i>Science Translational Medicine</i> , 2016 , 8, 323ra13 | 17.5 | 46 |
| 682 | Cardiometabolic and Inflammatory Biomarkers as Mediators Between Educational Attainment and Functioning at the Age of 90 Years. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016 , 71, 412-9 | 6.4 | 4 |
| 681 | 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> , 2016 , 44, 402-10 | | 2 |
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| 677 | New loci for body fat percentage reveal link between adiposity and cardiometabolic disease risk. <i>Nature Communications</i> , 2016 , 7, 10495 | 17.4 | 180 |

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| 675 | Aging-associated DNA methylation changes in middle-aged individuals: the Young Finns study. <i>BMC Genomics</i> , 2016 , 17, 103 | 4.5 | 44 |
| 674 | Genome-wide meta-analysis uncovers novel loci influencing circulating leptin levels. <i>Nature Communications</i> , 2016 , 7, 10494 | 17.4 | 107 |
| 673 | 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 |
| 672 | metaCCA: summary statistics-based multivariate meta-analysis of genome-wide association studies using canonical correlation analysis. <i>Bioinformatics</i> , 2016 , 32, 1981-9 | 7.2 | 76 |
| 671 | 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 |
| 670 | Bacterial DNA findings in ruptured and unruptured intracranial aneurysms. <i>Acta Odontologica Scandinavica</i> , 2016 , 74, 315-20 | 2.2 | 26 |
| 669 | Longitudinal study of circulating oxidized LDL and HDL and fatty liver: the Cardiovascular Risk in Young Finns Study. <i>Free Radical Research</i> , 2016 , 50, 396-404 | 4 | 10 |
| 668 | 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 |
| 667 | 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 |
| 666 | Genome-Wide Meta-Analysis of Sciatica in Finnish Population. <i>PLoS ONE</i> , 2016 , 11, e0163877 | 3.7 | 15 |
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| 662 | Reference Values for Echocardiography in Middle-Aged Population: The Cardiovascular Risk in Young Finns Study. <i>Echocardiography</i> , 2016 , 33, 193-206 | 1.5 | 16 |
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| 657 | Childhood Infections, Socioeconomic Status, and Adult Cardiometabolic Risk. <i>Pediatrics</i> , 2016 , 137, | 7.4 | 22 |
| 656 | Childhood predictors of adult fatty liver. The Cardiovascular Risk in Young Finns Study. <i>Journal of Hepatology</i> , 2016 , 65, 784-790 | 13.4 | 36 |
| 655 | 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 |
| 654 | 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 |
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| 652 | Genome-wide association study identifies 74 loci associated with educational attainment. <i>Nature</i> , 2016 , 533, 539-42 | 50.4 | 850 |
| 651 | Life-course risk factor levels and coronary artery calcification. The Cardiovascular Risk in Young Finns Study. <i>International Journal of Cardiology</i> , 2016 , 225, 23-29 | 3.2 | 13 |
| 650 | Genome-wide associations for birth weight and correlations with adult disease. <i>Nature</i> , 2016 , 538, 248-252. | 20.4 | 266 |
| 649 | Effects of hormonal contraception on systemic metabolism: cross-sectional and longitudinal evidence. <i>International Journal of Epidemiology</i> , 2016 , 45, 1445-1457 | 7.8 | 41 |
| 648 | 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> , 2016 , 99, 481-8 | 11 | 31 |
| 647 | 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 |
| 646 | Metabolite profiling and cardiovascular event risk: a prospective study of 3 population-based cohorts. <i>Circulation</i> , 2015 , 131, 774-85 | 16.7 | 367 |
| 645 | Analysis of apoptosis-related genes in patients with clinically isolated syndrome and their association with conversion to multiple sclerosis. <i>Journal of Neuroimmunology</i> , 2015 , 280, 43-8 | 3.5 | 8 |
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| 643 | Impact of blood pressure on retinal microvasculature architecture across the lifespan: the Young Finns Study. <i>Microcirculation</i> , 2015 , 22, 146-55 | 2.9 | 12 |
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| 641 | 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> , 2015 , 35, 1678-86 | 9.4 | 14 |

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| 637 | Paraoxonase-1 and oxidized lipoprotein lipids. The Cardiovascular Risk in Young Finns Study. <i>Atherosclerosis</i> , 2015 , 241, 502-6 | 3.1 | 14 |
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| 630 | Neighborhood effects in depressive symptoms, social support, and mistrust: Longitudinal analysis with repeated measurements. <i>Social Science and Medicine</i> , 2015 , 136-137, 10-6 | 5.1 | 15 |
| 629 | The impact of low-frequency and rare variants on lipid levels. <i>Nature Genetics</i> , 2015 , 47, 589-97 | 36.3 | 229 |
| 628 | Insulin and BMI as predictors of adult type 2 diabetes mellitus. <i>Pediatrics</i> , 2015 , 135, e144-51 | 7.4 | 33 |
| 627 | Genetically determined height and coronary artery disease. <i>New England Journal of Medicine</i> , 2015 , 372, 1608-18 | 59.2 | 152 |
| 626 | 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 |
| 625 | 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 |
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| 623 | Increased Body Mass Index in Parent-Child Dyads Predicts the Offspring Risk of Meeting Bariatric Surgery Criteria. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, 4257-63 | 5.6 | 5 |

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| 621 | Infection-Related Hospitalization in Childhood and Adult Metabolic Outcomes. <i>Pediatrics</i> , 2015 , 136, e554-62 | 7.4 | 19 |
| 620 | Is dispositional optimism or dispositional pessimism predictive of ideal cardiovascular health? The Young Finns Study. <i>Psychology and Health</i> , 2015 , 30, 1221-39 | 2.9 | 37 |
| 619 | 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 |
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| 615 | 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> , 2015 , 47, 40-6 | 1.5 | 29 |
| 614 | Habitual sleep duration is associated with BMI and macronutrient intake and may be modified by CLOCK genetic variants. <i>American Journal of Clinical Nutrition</i> , 2015 , 101, 135-43 | 7 | 75 |
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| 609 | Effects of Alzheimer's disease-associated risk loci on cerebrospinal fluid biomarkers and disease progression: a polygenic risk score approach. <i>Journal of Alzheimer's Disease</i> , 2015 , 43, 565-73 | 4.3 | 40 |
| 608 | Subtle increases in heart size persist into adulthood in growth restricted babies: the Cardiovascular Risk in Young Finns Study. <i>Open Heart</i> , 2015 , 2, e000265 | 3 | 27 |
| 607 | Fine mapping the region reveals a common intronic insertion associated to HDL-C. <i>Npj Aging and Mechanisms of Disease</i> , 2015 , 1, 15011 | 5.5 | 5 |
| 606 | 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> , 2015 , 33, 1542-8 | 1.9 | 41 |
| 605 | 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 |

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| 602 | 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 |
| 601 | Sex hormone-binding globulin associations with circulating lipids and metabolites and the risk for type 2 diabetes: observational and causal effect estimates. <i>International Journal of Epidemiology</i> , 2015 , 44, 623-37 | 7.8 | 66 |
| 600 | Interleukin-6 and microRNA profiles induced by oral bacteria in human atheroma derived and healthy smooth muscle cells. <i>SpringerPlus</i> , 2015 , 4, 206 | | 5 |
| 599 | Shared genetic basis for migraine and ischemic stroke: A genome-wide analysis of common variants. <i>Neurology</i> , 2015 , 84, 2132-45 | 6.5 | 71 |
| 598 | Gene × dietary pattern interactions in obesity: analysis of up to 68 317 adults of European ancestry. <i>Human Molecular Genetics</i> , 2015 , 24, 4728-38 | 5.6 | 68 |
| 597 | Sixteen new lung function signals identified through 1000 Genomes Project reference panel imputation. <i>Nature Communications</i> , 2015 , 6, 8658 | 17.4 | 79 |
| 596 | Television viewing and fatty liver in early midlife. The Cardiovascular Risk in Young Finns Study. <i>Annals of Medicine</i> , 2015 , 47, 519-26 | 1.5 | 12 |
| 595 | New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , 2015 , 518, 187-196 | 50.4 | 920 |
| 594 | Genetic studies of body mass index yield new insights for obesity biology. <i>Nature</i> , 2015 , 518, 197-206 | 50.4 | 2687 |
| 593 | Association study of the HTR2C, leptin and adiponectin genes and serum marker analyses in clozapine treated long-term patients with schizophrenia. <i>European Psychiatry</i> , 2015 , 30, 296-302 | 6 | 27 |
| 592 | Serotonin transporter (5-HTTLPR) and norepinephrine transporter (NET) gene polymorphisms: susceptibility and treatment response of electroconvulsive therapy in treatment resistant depression. <i>Neuroscience Letters</i> , 2015 , 590, 116-20 | 3.3 | 15 |
| 591 | Prognostic implications of intraventricular conduction delays in a general population: the Health 2000 Survey. <i>Annals of Medicine</i> , 2015 , 47, 74-80 | 1.5 | 23 |
| 590 | Factors associated with six-year weight change in young and middle-aged adults in the Young Finns Study. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2015 , 75, 133-44 | 2 | 20 |
| 589 | Urinary acetylated polyamines in ovarian cancer.. <i>Journal of Clinical Oncology</i> , 2015 , 33, 5543-5543 | 2.2 | 0 |
| 588 | CYP1A2 polymorphism -1545C > T (rs2470890) is associated with increased side effects to clozapine. <i>BMC Psychiatry</i> , 2014 , 14, 50 | 4.2 | 13 |
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| 586 | Blood microRNA profile associates with the levels of serum lipids and metabolites associated with glucose metabolism and insulin resistance and pinpoints pathways underlying metabolic syndrome: the cardiovascular risk in Young Finns Study. <i>Molecular and Cellular Endocrinology</i> , 2014 , 391, 41-9 | 4.4 | 50 |
| 585 | Childhood and adult socio-economic position and social mobility as determinants of low back pain outcomes. <i>European Journal of Pain</i> , 2014 , 18, 128-38 | 3.7 | 21 |
| 584 | Effect of bariatric surgery on liver glucose metabolism in morbidly obese diabetic and non-diabetic patients. <i>Journal of Hepatology</i> , 2014 , 60, 377-83 | 13.4 | 70 |
| 583 | High serum n6 fatty acid proportion is associated with lowered LDL oxidation and inflammation: the Cardiovascular Risk in Young Finns Study. <i>Free Radical Research</i> , 2014 , 48, 420-6 | 4 | 18 |
| 582 | Genome-wide association study of sleep duration in the Finnish population. <i>Journal of Sleep Research</i> , 2014 , 23, 609-618 | 5.8 | 37 |
| 581 | Genome-wide association study of sexual maturation in males and females highlights a role for body mass and menarche loci in male puberty. <i>Human Molecular Genetics</i> , 2014 , 23, 4452-64 | 5.6 | 66 |
| 580 | Synaptic, transcriptional and chromatin genes disrupted in autism. <i>Nature</i> , 2014 , 515, 209-15 | 50.4 | 1581 |
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| 578 | 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 |
| 577 | Genome-wide association study on dimethylarginines reveals novel AGXT2 variants associated with heart rate variability but not with overall mortality. <i>European Heart Journal</i> , 2014 , 35, 524-31 | 9.5 | 31 |
| 576 | Gene-age interactions in blood pressure regulation: a large-scale investigation with the CHARGE, Global BPgen, and ICBP Consortia. <i>American Journal of Human Genetics</i> , 2014 , 95, 24-38 | 11 | 80 |
| 575 | 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 |
| 574 | 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 |
| 573 | Association of physical activity in childhood and early adulthood with carotid artery elasticity 21 years later: the cardiovascular risk in Young Finns Study. <i>Journal of the American Heart Association</i> , 2014 , 3, e000594 | 6 | 54 |
| 572 | Detection of prostate cancer by an electronic nose: a proof of principle study. <i>Journal of Urology</i> , 2014 , 192, 230-4 | 2.5 | 56 |
| 571 | 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 |
| 570 | Circulating cell-free DNA is associated with cardiometabolic risk factors: the Health 2000 Survey. <i>Atherosclerosis</i> , 2014 , 233, 268-71 | 3.1 | 34 |
| 569 | High birth weight is associated with obesity and increased carotid wall thickness in young adults: the cardiovascular risk in young Finns study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014 , 34, 1064-8 | 9.4 | 69 |

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| 567 | Common variation in fatty acid metabolic genes and risk of incident sudden cardiac arrest. <i>Heart Rhythm</i> , 2014 , 11, 471-7 | 6.7 | 12 |
| 566 | Association of the novel single-nucleotide polymorphism which increases oxidized low-density lipoprotein levels with cerebrovascular disease events. <i>Atherosclerosis</i> , 2014 , 234, 214-7 | 3.1 | 11 |
| 565 | Abnormal splicing of NEDD4 in myotonic dystrophy type 2: possible link to statin adverse reactions. <i>American Journal of Pathology</i> , 2014 , 184, 2322-32 | 5.8 | 15 |
| 564 | Motherhood and oxytocin receptor genetic variation are associated with selective changes in electrocortical responses to infant facial expressions. <i>Emotion</i> , 2014 , 14, 469-77 | 4.1 | 54 |
| 563 | Upstream Transcription Factor 1 (USF1) allelic variants regulate lipoprotein metabolism in women and USF1 expression in atherosclerotic plaque. <i>Scientific Reports</i> , 2014 , 4, 4650 | 4.9 | 16 |
| 562 | Cardiovascular risk factors in 2011 and secular trends since 2007: the Cardiovascular Risk in Young Finns Study. <i>Scandinavian Journal of Public Health</i> , 2014 , 42, 563-71 | 3 | 53 |
| 561 | Assessing multivariate gene-metabolome associations with rare variants using Bayesian reduced rank regression. <i>Bioinformatics</i> , 2014 , 30, 2026-34 | 7.2 | 18 |
| 560 | Youth overweight and metabolic disturbances in predicting carotid intima-media thickness, type 2 diabetes, and metabolic syndrome in adulthood: the Cardiovascular Risk in Young Finns study. <i>Diabetes Care</i> , 2014 , 37, 1870-7 | 14.6 | 45 |
| 559 | Association of thyrotropin with arterial pulse wave velocity in young adults: the Cardiovascular Risk in Young Finns Study. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2014 , 74, 716-21 | 2 | 3 |
| 558 | Effect of heart rate correction on pre- and post-exercise heart rate variability to predict risk of mortality-an experimental study on the FINCAVAS cohort. <i>Frontiers in Physiology</i> , 2014 , 5, 208 | 4.6 | 24 |
| 557 | 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 |
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| 555 | Chromosome X-wide association study identifies Loci for fasting insulin and height and evidence for incomplete dosage compensation. <i>PLoS Genetics</i> , 2014 , 10, e1004127 | 6 | 46 |
| 554 | High risk population isolate reveals low frequency variants predisposing to intracranial aneurysms. <i>PLoS Genetics</i> , 2014 , 10, e1004134 | 6 | 43 |
| 553 | A novel MMP12 locus is associated with large artery atherosclerotic stroke using a genome-wide age-at-onset informed approach. <i>PLoS Genetics</i> , 2014 , 10, e1004469 | 6 | 63 |
| 552 | Amerindian-specific regions under positive selection harbour new lipid variants in Latinos. <i>Nature Communications</i> , 2014 , 5, 3983 | 17.4 | 68 |
| 551 | Genetic determinants of circulating interleukin-1 receptor antagonist levels and their association with glycemic traits. <i>Diabetes</i> , 2014 , 63, 4343-59 | 0.9 | 32 |

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| 549 | 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 |
| 548 | Genetic determinants of heel bone properties: genome-wide association meta-analysis and replication in the GEFOS/GENOMOS consortium. <i>Human Molecular Genetics</i> , 2014 , 23, 3054-68 | 5.6 | 78 |
| 547 | Polymorphism in alpha 2A adrenergic receptor gene is associated with sialorrhea in schizophrenia patients on clozapine treatment. <i>Human Psychopharmacology</i> , 2014 , 29, 336-41 | 2.3 | 13 |
| 546 | Genetic variation in the hTAS2R38 taste receptor and food consumption among Finnish adults. <i>Genes and Nutrition</i> , 2014 , 9, 433 | 4.3 | 48 |
| 545 | Interactions between genetic variants and dietary lipid composition: effects on circulating LDL cholesterol in children. <i>American Journal of Clinical Nutrition</i> , 2014 , 100, 1569-77 | 7 | 4 |
| 544 | Determinants of exercise peak arterial blood pressure, circulatory power, and exercise cardiac power in a population based sample of Finnish male and female aged 30 to 47 years: the Cardiovascular Risk in Young Finns Study. <i>BMC Cardiovascular Disorders</i> , 2014 , 14, 35 | 2.3 | 10 |
| 543 | Prospective relationship of change in ideal cardiovascular health status and arterial stiffness: the Cardiovascular Risk in Young Finns Study. <i>Journal of the American Heart Association</i> , 2014 , 3, e000532 | 6 | 66 |
| 542 | Does bone resorption stimulate periosteal expansion? A cross-sectional analysis of EC-telopeptides of type I collagen (CTX), genetic markers of the RANKL pathway, and periosteal circumference as measured by pQCT. <i>Journal of Bone and Mineral Research</i> , 2014 , 29, 1015-24 | 6.3 | 23 |
| 541 | Depressive symptoms are associated with lower bone mineral density in young adults with high job strain. The Cardiovascular Risk in Young Finns Study. <i>International Journal of Behavioral Medicine</i> , 2014 , 21, 464-9 | 2.6 | 7 |
| 540 | Endoglin, VEGF, and its receptors in predicting metastases in endometrial carcinoma. <i>Tumor Biology</i> , 2014 , 35, 4651-7 | 2.9 | 20 |
| 539 | Sympathetic activity-associated periodic repolarization dynamics predict mortality following myocardial infarction. <i>Journal of Clinical Investigation</i> , 2014 , 124, 1770-80 | 15.9 | 54 |
| 538 | Exploring causality between TV viewing and weight change in young and middle-aged adults. The Cardiovascular Risk in Young Finns study. <i>PLoS ONE</i> , 2014 , 9, e101860 | 3.7 | 24 |
| 537 | Rapid and accurate detection of urinary pathogens by mobile IMS-based electronic nose: a proof-of-principle study. <i>PLoS ONE</i> , 2014 , 9, e114279 | 3.7 | 25 |
| 536 | Sympathetic activity-associated periodic repolarization dynamics predict mortality following myocardial infarction. <i>Journal of Clinical Investigation</i> , 2014 , 124, 2808-2808 | 15.9 | 78 |
| 535 | 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 |
| 534 | Serotonin receptor 1B genotype and hostility, anger and aggressive behavior through the lifespan: the Young Finns study. <i>Journal of Behavioral Medicine</i> , 2013 , 36, 583-90 | 3.6 | 32 |
| 533 | Delta-6-desaturase gene polymorphism is associated with lipoprotein oxidation in vitro. <i>Lipids in Health and Disease</i> , 2013 , 12, 80 | 4.4 | 6 |

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| 532 | Deletion of TOP3 β a component of FMRP-containing mRNPs, contributes to neurodevelopmental disorders. <i>Nature Neuroscience</i> , 2013 , 16, 1228-1237 | 25.5 | 110 |
| 531 | Beyond LDL-C lowering: distinct molecular sphingolipids are good indicators of proprotein convertase subtilisin/kexin type 9 (PCSK9) deficiency. <i>Atherosclerosis</i> , 2013 , 228, 380-5 | 3.1 | 26 |
| 530 | Lipoprotein subclass profiling reveals pleiotropy in the genetic variants of lipid risk factors for coronary heart disease: a note on Mendelian randomization studies. <i>Journal of the American College of Cardiology</i> , 2013 , 62, 1906-8 | 15.1 | 37 |
| 529 | Discovery and refinement of loci associated with lipid levels. <i>Nature Genetics</i> , 2013 , 45, 1274-1283 | 36.3 | 1904 |
| 528 | Common variants associated with plasma triglycerides and risk for coronary artery disease. <i>Nature Genetics</i> , 2013 , 45, 1345-52 | 36.3 | 597 |
| 527 | A comparison of the accuracy of Illumina HumanHT-12 v3 Expression BeadChip and TaqMan qRT-PCR gene expression results in patient samples from the Tampere Vascular Study. <i>Atherosclerosis</i> , 2013 , 226, 149-52 | 3.1 | 16 |
| 526 | Computationally estimated apolipoproteins B and A1 in predicting cardiovascular risk. <i>Atherosclerosis</i> , 2013 , 226, 245-51 | 3.1 | 17 |
| 525 | Age-dependent interaction of apolipoprotein E gene with eastern birthplace in Finland affects severity of coronary atherosclerosis and risk of fatal myocardial infarction—Helsinki Sudden Death Study. <i>Annals of Medicine</i> , 2013 , 45, 213-9 | 1.5 | 2 |
| 524 | 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 |
| 523 | Migraine without aura: genome-wide association analysis identifies several novel susceptibility. <i>Journal of Headache and Pain</i> , 2013 , 14, | 8.8 | 78 |
| 522 | Migraine without aura: genome-wide association analysis identifies several novel susceptibility. <i>Journal of Headache and Pain</i> , 2013 , 14, | 8.8 | 78 |
| 521 | Association of resting heart rate with cardiovascular function: a cross-sectional study in 522 Finnish subjects. <i>BMC Cardiovascular Disorders</i> , 2013 , 13, 102 | 2.3 | 37 |
| 520 | Large-scale association analysis identifies new risk loci for coronary artery disease. <i>Nature Genetics</i> , 2013 , 45, 25-33 | 36.3 | 1172 |
| 519 | Smooth muscle cells in human atherosclerosis: proteomic profiling reveals differences in expression of Annexin A1 and mitochondrial proteins in carotid disease. <i>Journal of Molecular and Cellular Cardiology</i> , 2013 , 54, 65-72 | 5.8 | 34 |
| 518 | Long-term leisure-time physical activity and serum metabolome. <i>Circulation</i> , 2013 , 127, 340-8 | 16.7 | 136 |
| 517 | 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. <i>American Journal of Epidemiology</i> , 2013 , 177, 103-15 | 3.8 | 63 |
| 516 | Genome-wide association analyses identify 18 new loci associated with serum urate concentrations. <i>Nature Genetics</i> , 2013 , 45, 145-54 | 36.3 | 505 |
| 515 | 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. <i>Journal of the American College of Cardiology</i> , 2013 , 62, 291-9 | 15.1 | 72 |

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| 514 | Higher maternal body mass index is associated with an increased risk for later type 2 diabetes in offspring. <i>Journal of Pediatrics</i> , 2013 , 162, 918-23.e1 | 3.6 | 13 |
| 513 | The associations of oxidized high-density lipoprotein lipids with risk factors for atherosclerosis: the Cardiovascular Risk in Young Finns Study. <i>Free Radical Biology and Medicine</i> , 2013 , 65, 1284-1290 | 7.8 | 23 |
| 512 | 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 |
| 511 | Gain-of-function lipoprotein lipase variant rs13702 modulates lipid traits through disruption of a microRNA-410 seed site. <i>American Journal of Human Genetics</i> , 2013 , 92, 5-14 | 11 | 59 |
| 510 | MicroRNAs in the atherosclerotic plaque. <i>Clinical Chemistry</i> , 2013 , 59, 1708-21 | 5.5 | 70 |
| 509 | Vascular cell adhesion molecule 1, soluble Fas and hepatocyte growth factor as predictors of mortality in nonagenarians: the Vitality 90+ study. <i>Experimental Gerontology</i> , 2013 , 48, 1167-72 | 4.5 | 4 |
| 508 | Predictive value of serum human epididymis protein 4 and cancer antigen 125 concentrations in endometrial carcinoma. <i>American Journal of Obstetrics and Gynecology</i> , 2013 , 209, 142.e1-6 | 6.4 | 39 |
| 507 | Analysis of free, mono- and diacetylated polyamines from human urine by LC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013 , 941, 81-9 | 3.2 | 21 |
| 506 | Bacterial signatures in thrombus aspirates of patients with myocardial infarction. <i>Circulation</i> , 2013 , 127, 1219-28, e1-6 | 16.7 | 62 |
| 505 | Genome-wide meta-analyses of multi-ancestry cohorts identify multiple new susceptibility loci for refractive error and myopia. <i>Nature Genetics</i> , 2013 , 45, 314-8 | 36.3 | 314 |
| 504 | 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 |
| 503 | 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 |
| 502 | TPH1 A218C polymorphism and temperament in major depression. <i>BMC Psychiatry</i> , 2013 , 13, 118 | 4.2 | 13 |
| 501 | GWAS of 126,559 individuals identifies genetic variants associated with educational attainment. <i>Science</i> , 2013 , 340, 1467-71 | 33.3 | 563 |
| 500 | Genome-wide meta-analysis identifies new susceptibility loci for migraine. <i>Nature Genetics</i> , 2013 , 45, 912-917 | 36.3 | 276 |
| 499 | Sedentary behaviours and obesity in adults: the Cardiovascular Risk in Young Finns Study. <i>BMJ Open</i> , 2013 , 3, | 3 | 63 |
| 498 | 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 |
| 497 | 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 |

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| 496 | Genetic determinants of trabecular and cortical volumetric bone mineral densities and bone microstructure. <i>PLoS Genetics</i> , 2013 , 9, e1003247 | 6 | 87 |
| 495 | 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 |
| 494 | Evidence HDAC9 genetic variant associated with ischemic stroke increases risk via promoting carotid atherosclerosis. <i>Stroke</i> , 2013 , 44, 1220-5 | 6.7 | 73 |
| 493 | Genome-wide association study pinpoints a new functional apolipoprotein B variant influencing oxidized low-density lipoprotein levels but not cardiovascular events: AtheroRemo Consortium. <i>Circulation: Cardiovascular Genetics</i> , 2013 , 6, 73-81 | | 20 |
| 492 | No support for a role for BDNF gene polymorphisms rs11030101 and rs61888800 in major depressive disorder or antidepressant response in patients of Finnish origin. <i>Psychiatric Genetics</i> , 2013 , 23, 33-5 | 2.9 | 11 |
| 491 | BDNF polymorphism rs11030101 is associated with the efficacy of electroconvulsive therapy in treatment-resistant depression. <i>Psychiatric Genetics</i> , 2013 , 23, 134-6 | 2.9 | 12 |
| 490 | Genomic, transcriptomic, and lipidomic profiling highlights the role of inflammation in individuals with low high-density lipoprotein cholesterol. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013 , 33, 847-57 | 9.4 | 33 |
| 489 | Genome-wide association study identifies 3 genomic loci significantly associated with serum levels of homoarginine: the AtheroRemo Consortium. <i>Circulation: Cardiovascular Genetics</i> , 2013 , 6, 505-13 | | 46 |
| 488 | Fetal growth, omega-3 (n-3) fatty acids, and progression of subclinical atherosclerosis: preventing fetal origins of disease? The Cardiovascular Risk in Young Finns Study. <i>American Journal of Clinical Nutrition</i> , 2013 , 97, 58-65 | 7 | 39 |
| 487 | Higher magnesium intake is associated with lower fasting glucose and insulin, with no evidence of interaction with select genetic loci, in a meta-analysis of 15 CHARGE Consortium Studies. <i>Journal of Nutrition</i> , 2013 , 143, 345-53 | 4.1 | 39 |
| 486 | Effect of genetic polymorphisms in CA6 gene on the expression and catalytic activity of human salivary carbonic anhydrase VI. <i>Caries Research</i> , 2013 , 47, 414-20 | 4.2 | 22 |
| 485 | Childhood serum fatty acid quality is associated with adult carotid artery intima media thickness in women but not in men. <i>Journal of Nutrition</i> , 2013 , 143, 682-9 | 4.1 | 9 |
| 484 | Simplified definitions of elevated pediatric blood pressure and high adult arterial stiffness. <i>Pediatrics</i> , 2013 , 132, e70-6 | 7.4 | 38 |
| 483 | 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 |
| 482 | Association of neuroimmune guidance cue netrin-1 and its chemorepulsive receptor UNC5B with atherosclerotic plaque expression signatures and stability in human(s): Tampere Vascular Study (TVS). <i>Circulation: Cardiovascular Genetics</i> , 2013 , 6, 579-87 | | 28 |
| 481 | 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 |
| 480 | Lipoprotein receptor-related protein 1 variants and dietary fatty acids: meta-analysis of European origin and African American studies. <i>International Journal of Obesity</i> , 2013 , 37, 1211-20 | 5.5 | 8 |
| 479 | Are body mass index, waist circumference and waist-to-hip ratio associated with leptin in 90-year-old people?. <i>European Journal of Clinical Nutrition</i> , 2013 , 67, 420-2 | 5.2 | 10 |

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| 478 | Response to letters regarding article, "Bacterial signatures in thrombus aspirates of patients with myocardial infarction". <i>Circulation</i> , 2013 , 128, e237-8 | 16.7 | 2 |
| 477 | Relation of poor R-wave progression to risk of cardiovascular mortality. <i>European Heart Journal</i> , 2013 , 34, P1540-P1540 | 9.5 | 2 |
| 476 | Bacterial DNA signatures in carotid atherosclerosis represent both commensals and pathogens of skin origin. <i>European Journal of Dermatology</i> , 2013 , 23, 53-8 | 0.8 | 13 |
| 475 | The molecular genetic architecture of self-employment. <i>PLoS ONE</i> , 2013 , 8, e60542 | 3.7 | 28 |
| 474 | Genetic loci associated with Alzheimer's disease and cerebrospinal fluid biomarkers in a Finnish case-control cohort. <i>PLoS ONE</i> , 2013 , 8, e59676 | 3.7 | 50 |
| 473 | 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 |
| 472 | Tissue inhibitor of matrix metalloproteinases 4 (TIMP4) in a population of young adults: relations to cardiovascular risk markers and carotid artery intima-media thickness. The Cardiovascular Risk in Young Finns Study. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2012 , 72, 540-6 | 2 | 7 |
| 471 | Large scale international replication and meta-analysis study confirms association of the 15q14 locus with myopia. The CREAM consortium. <i>Human Genetics</i> , 2012 , 131, 1467-80 | 6.3 | 57 |
| 470 | 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. <i>Atherosclerosis</i> , 2012 , 220, 387-93 | 3.1 | 77 |
| 469 | Effect of age, gender and cardiovascular risk factors on carotid distensibility during 6-year follow-up. The cardiovascular risk in Young Finns study. <i>Atherosclerosis</i> , 2012 , 224, 474-9 | 3.1 | 28 |
| 468 | Associations between serum uric acid and markers of subclinical atherosclerosis in young adults. The cardiovascular risk in Young Finns study. <i>Atherosclerosis</i> , 2012 , 223, 497-503 | 3.1 | 59 |
| 467 | Plasminogen activator inhibitor-1 associates with cardiovascular risk factors in healthy young adults in the Cardiovascular Risk in Young Finns Study. <i>Atherosclerosis</i> , 2012 , 224, 208-12 | 3.1 | 26 |
| 466 | Cross-sectional associations between physical activity and selected coronary heart disease risk factors in young adults. The Cardiovascular Risk in Young Finns Study. <i>Annals of Medicine</i> , 2012 , 44, 733-44 | 1.5 | 54 |
| 465 | Seventy-five genetic loci influencing the human red blood cell. <i>Nature</i> , 2012 , 492, 369-75 | 50.4 | 257 |
| 464 | 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 |
| 463 | A genome-wide meta-analysis of association studies of Cloninger's Temperament Scales. <i>Translational Psychiatry</i> , 2012 , 2, e116 | 8.6 | 85 |
| 462 | A genome-wide association meta-analysis identifies new childhood obesity loci. <i>Nature Genetics</i> , 2012 , 44, 526-31 | 36.3 | 292 |
| 461 | Genome-wide meta-analysis of common variant differences between men and women. <i>Human Molecular Genetics</i> , 2012 , 21, 4805-15 | 5.6 | 24 |

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| 460 | Genome-wide association study identifies multiple loci influencing human serum metabolite levels. <i>Nature Genetics</i> , 2012 , 44, 269-76 | 36.3 | 441 |
| 459 | 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 |
| 458 | 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 |
| 457 | Genome-wide association study does not reveal major genetic determinants for anti-cytomegalovirus antibody response. <i>Genes and Immunity</i> , 2012 , 13, 184-90 | 4.4 | 15 |
| 456 | Body mass index and depressive symptoms: instrumental-variables regression with genetic risk score. <i>Genes, Brain and Behavior</i> , 2012 , 11, 942-8 | 3.6 | 22 |
| 455 | Upstream transcription factor 1 (USF1) polymorphisms associate with Alzheimer's disease-related neuropathological lesions: Tampere Autopsy Study. <i>Brain Pathology</i> , 2012 , 22, 765-75 | 6 | 12 |
| 454 | 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 |
| 453 | Neuropeptide Y polymorphism increases the risk for asthma in overweight subjects; protection from atherosclerosis in asthmatic subjects--the cardiovascular risk in young Finns study. <i>Neuropeptides</i> , 2012 , 46, 321-8 | 3.3 | 12 |
| 452 | Melatonin pathway genes are associated with progressive subtypes and disability status in multiple sclerosis among Finnish patients. <i>Journal of Neuroimmunology</i> , 2012 , 250, 106-10 | 3.5 | 31 |
| 451 | Postexercise recovery of the spatial QRS/T angle as a predictor of sudden cardiac death. <i>Heart Rhythm</i> , 2012 , 9, 1083-9 | 6.7 | 12 |
| 450 | A meta-analysis of genome-wide association studies of the electrocardiographic early repolarization pattern. <i>Heart Rhythm</i> , 2012 , 9, 1627-34 | 6.7 | 53 |
| 449 | Genetic profiling using genome-wide significant coronary artery disease risk variants does not improve the prediction of subclinical atherosclerosis: the Cardiovascular Risk in Young Finns Study, the Bogalusa Heart Study and the Health 2000 Survey--a meta-analysis of three independent studies. <i>PLoS ONE</i> , 2012 , 7, e33334 | 3.7 | 25 |
| 448 | A genome-wide association study identifies UGT1A1 as a regulator of serum cell-free DNA in young adults: The Cardiovascular Risk in Young Finns Study. <i>PLoS ONE</i> , 2012 , 7, e35426 | 3.7 | 10 |
| 447 | Toll-like receptor 7 protects from atherosclerosis by constraining "inflammatory" macrophage activation. <i>Circulation</i> , 2012 , 126, 952-62 | 16.7 | 73 |
| 446 | 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 |
| 445 | Genome-wide association analysis identifies susceptibility loci for migraine without aura. <i>Nature Genetics</i> , 2012 , 44, 777-82 | 36.3 | 243 |
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| 439 | Metabolic signatures of insulin resistance in 7,098 young adults. <i>Diabetes</i> , 2012 , 61, 1372-80 | 0.9 | 224 |
| 438 | Evidence of inbreeding depression on human height. <i>PLoS Genetics</i> , 2012 , 8, e1002655 | 6 | 62 |
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| 435 | Childhood nutrition in predicting metabolic syndrome in adults: the cardiovascular risk in Young Finns Study. <i>Diabetes Care</i> , 2012 , 35, 1937-43 | 14.6 | 51 |
| 434 | Intracranial aneurysm risk locus 5q23.2 is associated with elevated systolic blood pressure. <i>PLoS Genetics</i> , 2012 , 8, e1002563 | 6 | 18 |
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| 419 | High-throughput quantification of circulating metabolites improves prediction of subclinical atherosclerosis. <i>European Heart Journal</i> , 2012 , 33, 2307-16 | 9.5 | 92 |
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| 403 | Heart rate variability is independently associated with C-reactive protein but not with Serum amyloid A. The Cardiovascular Risk in Young Finns Study. <i>European Journal of Clinical Investigation</i> , 2011 , 41, 951-7 | 4.6 | 22 |
| 402 | Arterial tension time reflects subclinical atherosclerosis, arterial stiffness and stroke volume. <i>Clinical Physiology and Functional Imaging</i> , 2011 , 31, 464-71 | 2.4 | 5 |
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| 388 | Importance of regional specificity of T-wave alternans in assessing risk for cardiovascular mortality and sudden cardiac death during routine exercise testing. <i>Heart Rhythm</i> , 2011 , 8, 385-90 | 6.7 | 28 |
| 387 | Metabolic syndrome in childhood and increased arterial stiffness in adulthood: the Cardiovascular Risk In Young Finns Study. <i>Annals of Medicine</i> , 2011 , 43, 312-9 | 1.5 | 51 |
| 386 | Childhood environmental and genetic predictors of adulthood obesity: the cardiovascular risk in young Finns study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011 , 96, E1542-9 | 5.6 | 58 |
| 385 | A disintegrin and metalloprotease -8 and -15 and susceptibility for ascending aortic dissection. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2011 , 71, 515-22 | 2 | 17 |
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| 383 | 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 |
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| 365 | Genetic variants and their interactions in the prediction of increased pre-clinical carotid atherosclerosis: the cardiovascular risk in young Finns study. <i>PLoS Genetics</i> , 2010 , 6, e1001146 | 6 | 35 |
| 364 | Cardiovascular risk scores in the prediction of subclinical atherosclerosis in young adults: evidence from the cardiovascular risk in a young Finns study. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2010 , 17, 549-55 | | 13 |
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| 362 | Prevalence and prognostic value of poor R-wave progression in standard resting electrocardiogram in a general adult population. The Health 2000 Survey. <i>Annals of Medicine</i> , 2010 , 42, 123-30 | 1.5 | 10 |
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| 360 | 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 |
| 359 | 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 |
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| 357 | Systemic hemodynamics in young adults with the metabolic syndrome: the Cardiovascular Risk in Young Finns Study. <i>Annals of Medicine</i> , 2010 , 42, 612-21 | 1.5 | 7 |
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| 344 | Levels of asymmetrical dimethylarginine are predictive of brachial artery flow-mediated dilation 6 years later. The Cardiovascular Risk in Young Finns Study. <i>Atherosclerosis</i> , 2010 , 212, 512-5 | 3.1 | 24 |
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| 331 | 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 |
| 330 | The association between cigarette smoking and carotid intima-media thickness is influenced by the -930A/G CYBA gene polymorphism: the Cardiovascular Risk in Young Finns Study. <i>American Journal of Hypertension</i> , 2009 , 22, 281-7 | 2.3 | 17 |
| 329 | 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 |
| 328 | Autoimmunity and atherosclerosis: the presence of antinuclear antibodies is associated with decreased carotid elasticity in young women. The Cardiovascular Risk in Young Finns Study. <i>Rheumatology</i> , 2009 , 48, 1553-6 | 3.9 | 16 |
| 327 | 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 |
| 326 | CRP and FCGR2A genes have an epistatic effect on carotid artery intima-media thickness: the Cardiovascular Risk in Young Finns Study. <i>International Journal of Immunogenetics</i> , 2009 , 36, 39-45 | 2.3 | 5 |
| 325 | Complement factor H 402His variant confers an increased mortality risk in Finnish nonagenarians: the Vitality 90+ study. <i>Experimental Gerontology</i> , 2009 , 44, 297-9 | 4.5 | 18 |
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| 313 | High-throughput serum NMR metabolomics for cost-effective holistic studies on systemic metabolism. <i>Analyst, The</i> , 2009 , 134, 1781-5 | 5 | 361 |
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| 311 | Common variation in NOS1AP and KCNH2 genes and QT interval duration in young adults. The Cardiovascular Risk in Young Finns Study. <i>Annals of Medicine</i> , 2009 , 41, 144-51 | 1.5 | 27 |
| 310 | Serum fatty acid profile in celiac disease patients before and after a gluten-free diet. <i>Scandinavian Journal of Gastroenterology</i> , 2009 , 44, 826-30 | 2.4 | 18 |
| 309 | Use of combined oral contraceptives alters metabolic determinants and genetic regulation of C-reactive protein. The Cardiovascular Risk in Young Finns Study. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2009 , 69, 168-74 | 2 | 8 |
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| 306 | Metabolic syndrome and carotid intima media thickness in the Health 2000 Survey. <i>Atherosclerosis</i> , 2009 , 204, 276-81 | 3.1 | 32 |
| 305 | Association of C-reactive protein (CRP) gene allelic variants with serum CRP levels and hypertension in Turkish adults. <i>Atherosclerosis</i> , 2009 , 206, 474-9 | 3.1 | 26 |
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| 302 | 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> , 2009 , 6, 1765-71 | 6.7 | 39 |
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| 300 | Associations of apolipoprotein E gene with ischemic stroke and intracranial atherosclerosis. <i>European Journal of Human Genetics</i> , 2008 , 16, 955-60 | 5.3 | 31 |
| 299 | Dopamine Receptor D2 Polymorphism Moderates the Effect of Parental Education on Adolescents' School Performance. <i>Mind, Brain, and Education</i> , 2008 , 2, 104-110 | 1.8 | 2 |

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| 5 | The Polygenic and Monogenic Basis of Blood Traits and Diseases | | 3 |
| 4 | A genome-wide association study of total child psychiatric problems scores | | 2 |
| 3 | Lipoprotein Signatures of Cholesteryl Ester Transfer Protein and HMG-CoA Reductase Inhibition | | 1 |
| 2 | Unraveling the polygenic architecture of complex traits using blood eQTL metaanalysis | | 175 |
| 1 | Loss-of-function of MFGE8 and protection against coronary atherosclerosis | | 1 |