

# Markus Perola

## List of Publications by Year in descending order

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Version: 2024-02-01

232  
papers

56,886  
citations

4370

86  
h-index

1341

223  
g-index

247  
all docs

247  
docs citations

247  
times ranked

58177  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Genetic studies of body mass index yield new insights for obesity biology. <i>Nature</i> , 2015, 518, 197-206.  | 13.7 | 3,823     |
| 2  | Biological, clinical and population relevance of 95 loci for blood lipids. <i>Nature</i> , 2010, 466, 707-713.  | 13.7 | 3,249     |
| 3  | Discovery and refinement of loci associated with lipid levels. <i>Nature Genetics</i> , 2013, 45, 1274-1283.  | 9.4  | 2,641     |
| 4  | Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. <i>Nature Genetics</i> , 2010, 42, 937-948.   | 9.4  | 2,634     |
| 5  | A comprehensive 1000 Genomes-based genome-wide association meta-analysis of coronary artery disease. <i>Nature Genetics</i> , 2015, 47, 1121-1130.  | 9.4  | 2,054     |
| 6  | Repurposed Antiviral Drugs for Covid-19 – Interim WHO Solidarity Trial Results. <i>New England Journal of Medicine</i> , 2021, 384, 497-511.  | 13.9 | 2,014     |
| 7  | New genetic loci implicated in fasting glucose homeostasis and their impact on type 2 diabetes risk. <i>Nature Genetics</i> , 2010, 42, 105-116.  | 9.4  | 1,982     |
| 8  | Genetic variants in novel pathways influence blood pressure and cardiovascular disease risk. <i>Nature</i> , 2011, 478, 103-109.  | 13.7 | 1,855     |
| 9  | Defining the role of common variation in the genomic and biological architecture of adult human height. <i>Nature Genetics</i> , 2014, 46, 1173-1186.                                     | 9.4  | 1,818     |
| 10 | Hundreds of variants clustered in genomic loci and biological pathways affect human height. <i>Nature</i> , 2010, 467, 832-838.   | 13.7 | 1,789     |
| 11 | Systematic identification of trans eQTLs as putative drivers of known disease associations. <i>Nature Genetics</i> , 2013, 45, 1238-1243.   | 9.4  | 1,544     |
| 12 | Large-scale association analysis identifies new risk loci for coronary artery disease. <i>Nature Genetics</i> , 2013, 45, 25-33.  | 9.4  | 1,439     |
| 13 | New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , 2015, 518, 187-196.   | 13.7 | 1,328     |
| 14 | Genome-wide association study identifies eight loci associated with blood pressure. <i>Nature Genetics</i> , 2009, 41, 666-676.   | 9.4  | 1,104     |
| 15 | Genetic analysis of over 1 million people identifies 535 new loci associated with blood pressure traits. <i>Nature Genetics</i> , 2018, 50, 1412-1425.                                    | 9.4  | 924       |
| 16 | Meta-analysis identifies 13 new loci associated with waist-hip ratio and reveals sexual dimorphism in the genetic basis of fat distribution. <i>Nature Genetics</i> , 2010, 42, 949-960.  | 9.4  | 836       |
| 17 | Loci influencing lipid levels and coronary heart disease risk in 16 European population cohorts. <i>Nature Genetics</i> , 2009, 41, 47-55.  | 9.4  | 776       |
| 18 | A genome-wide approach accounting for body mass index identifies genetic variants influencing fasting glycemic traits and insulin resistance. <i>Nature Genetics</i> , 2012, 44, 659-669. | 9.4  | 762       |

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|----|---|-----|-----------|
| 19 | Common variants associated with plasma triglycerides and risk for coronary artery disease. <i>Nature Genetics</i> , 2013, 45, 1345-1352.  | 9.4 | 754       |
| 20 | GWAS of 126,559 Individuals Identifies Genetic Variants Associated with Educational Attainment. <i>Science</i> , 2013, 340, 1467-1471.  | 6.0 | 750       |
| 21 | Large-scale association analyses identify new loci influencing glycemic traits and provide insight into the underlying biological pathways. <i>Nature Genetics</i> , 2012, 44, 991-1005.              | 9.4 | 746       |
| 22 | Sequence variants at CHRN3 and CHRNA6 and CYP2A6 affect smoking behavior. <i>Nature Genetics</i> , 2010, 42, 448-453.   | 9.4 | 649       |
| 23 | Genome-wide meta-analysis identifies 11 new loci for anthropometric traits and provides insights into genetic architecture. <i>Nature Genetics</i> , 2013, 45, 501-512.                               | 9.4 | 578       |
| 24 | Genome-wide study for circulating metabolites identifies 62 loci and reveals novel systemic effects of LPA. <i>Nature Communications</i> , 2016, 7, 11122.  | 5.8 | 576       |
| 25 | Metabolite Profiling and Cardiovascular Event Risk. <i>Circulation</i> , 2015, 131, 774-785.  | 1.6 | 547       |
| 26 | Heritability of Adult Body Height: A Comparative Study of Twin Cohorts in Eight Countries. <i>Twin Research and Human Genetics</i> , 2003, 6, 399-408.  | 1.5 | 544       |
| 27 | Genome-wide association study identifies multiple loci influencing human serum metabolite levels. <i>Nature Genetics</i> , 2012, 44, 269-276.   | 9.4 | 516       |
| 28 | A multilocus genetic risk score for coronary heart disease: case-control and prospective cohort analyses. <i>Lancet</i> , 2010, 376, 1393-1400.   | 6.3 | 503       |
| 29 | A genome-wide meta-analysis identifies 22 loci associated with eight hematological parameters in the HaemGen consortium. <i>Nature Genetics</i> , 2009, 41, 1182-1190.                                | 9.4 | 481       |
| 30 | Exome-wide association study of plasma lipids in >300,000 individuals. <i>Nature Genetics</i> , 2017, 49, 1758-1766.  | 9.4 | 470       |
| 31 | Meta-Analysis of Genome-Wide Association Studies in >80 000 Subjects Identifies Multiple Loci for C-Reactive Protein Levels. <i>Circulation</i> , 2011, 123, 731-738.                                 | 1.6 | 461       |
| 32 | Haplotype Structure and Population Genetic Inferences from Nucleotide-Sequence Variation in Human Lipoprotein Lipase. <i>American Journal of Human Genetics</i> , 1998, 63, 595-612.                  | 2.6 | 439       |
| 33 | Rare variant in scavenger receptor BI raises HDL cholesterol and increases risk of coronary heart disease. <i>Science</i> , 2016, 351, 1166-1171.   | 6.0 | 438       |
| 34 | Common Variants at 10 Genomic Loci Influence Hemoglobin A1C Levels via Glycemic and Nonglycemic Pathways. <i>Diabetes</i> , 2010, 59, 3229-3239.  | 0.3 | 387       |
| 35 | Apolipoprotein E Variation at the Sequence Haplotype Level: Implications for the Origin and Maintenance of a Major Human Polymorphism. <i>American Journal of Human Genetics</i> , 2000, 67, 881-900. | 2.6 | 377       |
| 36 | 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.              | 1.5 | 371       |

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|----|--|------|-----------|
| 37 | 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.                                 | 2.6  | 360       |
| 38 | Distribution and Medical Impact of Loss-of-Function Variants in the Finnish Founder Population. <i>PLoS Genetics</i> , 2014, 10, e1004494.   | 1.5  | 351       |
| 39 | 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.   | 1.5  | 331       |
| 40 | 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. | 2.6  | 326       |
| 41 | Cohort Profile: Estonian Biobank of the Estonian Genome Center, University of Tartu. <i>International Journal of Epidemiology</i> , 2015, 44, 1137-1147.   | 0.9  | 314       |
| 42 | The impact of low-frequency and rare variants on lipid levels. <i>Nature Genetics</i> , 2015, 47, 589-597.   | 9.4  | 310       |
| 43 | Genetic variation near <i>IRS1</i> associates with reduced adiposity and an impaired metabolic profile. <i>Nature Genetics</i> , 2011, 43, 753-760.  | 9.4  | 289       |
| 44 | 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.  | 9.4  | 286       |
| 45 | Biomarker Profiling by Nuclear Magnetic Resonance Spectroscopy for the Prediction of All-Cause Mortality: An Observational Study of 17,345 Persons. <i>PLoS Medicine</i> , 2014, 11, e1001606.                         | 3.9  | 281       |
| 46 | Genetic association study of QT interval highlights role for calcium signaling pathways in myocardial repolarization. <i>Nature Genetics</i> , 2014, 46, 826-836.  | 9.4  | 281       |
| 47 | Genomic prediction of coronary heart disease. <i>European Heart Journal</i> , 2016, 37, 3267-3278.   | 1.0  | 277       |
| 48 | New loci for body fat percentage reveal link between adiposity and cardiometabolic disease risk. <i>Nature Communications</i> , 2016, 7, 10495.  | 5.8  | 245       |
| 49 | Metabonomic, transcriptomic, and genomic variation of a population cohort. <i>Molecular Systems Biology</i> , 2010, 6, 441.  | 3.2  | 230       |
| 50 | Genetically Determined Height and Coronary Artery Disease. <i>New England Journal of Medicine</i> , 2015, 372, 1608-1618.  | 13.9 | 220       |
| 51 | Cohort Profile: The National FINRISK Study. <i>International Journal of Epidemiology</i> , 2018, 47, 696-696i.   | 0.9  | 214       |
| 52 | A metabolic view on menopause and ageing. <i>Nature Communications</i> , 2014, 5, 4708.  | 5.8  | 196       |
| 53 | Identification of novel risk loci for restless legs syndrome in genome-wide association studies in individuals of European ancestry: a meta-analysis. <i>Lancet Neurology</i> , The, 2017, 16, 898-907.                | 4.9  | 191       |
| 54 | 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.           | 4.1  | 191       |

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|----|--|-----|-----------|
| 55 | DataSHIELD: taking the analysis to the data, not the data to the analysis. <i>International Journal of Epidemiology</i> , 2014, 43, 1929-1944.   | 0.9 | 188       |
| 56 | A metabolic profile of all-cause mortality risk identified in an observational study of 44,168 individuals. <i>Nature Communications</i> , 2019, 10, 3346.   | 5.8 | 188       |
| 57 | The Biomarker GlycA Is Associated with Chronic Inflammation and Predicts Long-Term Risk of Severe Infection. <i>Cell Systems</i> , 2015, 1, 293-301.   | 2.9 | 179       |
| 58 | The Role of Adiposity in Cardiometabolic Traits: A Mendelian Randomization Analysis. <i>PLoS Medicine</i> , 2013, 10, e1001474.  | 3.9 | 178       |
| 59 | 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.   | 1.2 | 173       |
| 60 | Novel Loci for Metabolic Networks and Multi-Tissue Expression Studies Reveal Genes for Atherosclerosis. <i>PLoS Genetics</i> , 2012, 8, e1002907.  | 1.5 | 171       |
| 61 | The Three-Factor Eating Questionnaire, body mass index, and responses to sweet and salty fatty foods: a twin study of genetic and environmental associations. <i>American Journal of Clinical Nutrition</i> , 2008, 88, 263-271. | 2.2 | 170       |
| 62 | Age-Dependent Association of Apolipoprotein E Genotype With Coronary and Aortic Atherosclerosis in Middle-Aged Men. <i>Circulation</i> , 1999, 100, 608-613.   | 1.6 | 162       |
| 63 | Sweet taste preferences are partly genetically determined: identification of a trait locus on chromosome 16. <i>American Journal of Clinical Nutrition</i> , 2007, 86, 55-63.  | 2.2 | 159       |
| 64 | Genome-wide physical activity interactions in adiposity • A meta-analysis of 200,452 adults. <i>PLoS Genetics</i> , 2017, 13, e1006528.  | 1.5 | 158       |
| 65 | Genome-wide meta-analysis uncovers novel loci influencing circulating leptin levels. <i>Nature Communications</i> , 2016, 7, 10494.  | 5.8 | 153       |
| 66 | Association of serum cotinine level with a cluster of three nicotinic acetylcholine receptor genes (CHRNA3/CHRNA5/CHRNA4) on chromosome 15. <i>Human Molecular Genetics</i> , 2009, 18, 4007-4012.                               | 1.4 | 151       |
| 67 | Metabolic profiling of pregnancy: cross-sectional and longitudinal evidence. <i>BMC Medicine</i> , 2016, 14, 205.  | 2.3 | 150       |
| 68 | Large meta-analysis of genome-wide association studies identifies five loci for lean body mass. <i>Nature Communications</i> , 2017, 8, 80.  | 5.8 | 147       |
| 69 | Combined Genome Scans for Body Stature in 6,602 European Twins: Evidence for Common Caucasian Loci. <i>PLoS Genetics</i> , 2007, 3, e97.   | 1.5 | 145       |
| 70 | FTO genetic variants, dietary intake and body mass index: insights from 177 330 individuals. <i>Human Molecular Genetics</i> , 2014, 23, 6961-6972.  | 1.4 | 143       |
| 71 | Circulating metabolites and general cognitive ability and dementia: Evidence from 11 cohort studies. <i>Alzheimer's and Dementia</i> , 2018, 14, 707-722.  | 0.4 | 143       |
| 72 | 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.  | 2.9 | 141       |

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|----|--|-----|-----------|
| 73 | Food Neophobia in Young Adults: Genetic Architecture and Relation to Personality, Pleasantness and Use Frequency of Foods, and Body Mass Index—A Twin Study. <i>Behavior Genetics</i> , 2011, 41, 512-521. | 1.4 | 133       |
| 74 | Whole-Genome Sequencing Coupled to Imputation Discovers Genetic Signals for Anthropometric Traits. <i>American Journal of Human Genetics</i> , 2017, 100, 865-884.   | 2.6 | 131       |
| 75 | Food neophobia shows heritable variation in humans. <i>Physiology and Behavior</i> , 2007, 91, 573-578.  | 1.0 | 128       |
| 76 | Adiposity as a cause of cardiovascular disease: a Mendelian randomization study. <i>International Journal of Epidemiology</i> , 2015, 44, 578-586.   | 0.9 | 123       |
| 77 | Novel Blood Pressure Locus and Gene Discovery Using Genome-Wide Association Study and Expression Data Sets From Blood and the Kidney. <i>Hypertension</i> , 2017, 70, .                                    | 1.3 | 123       |
| 78 | Association of FXIII Val34Leu with decreased risk of myocardial infarction in Finnish males. <i>Atherosclerosis</i> , 1999, 142, 295-300.  | 0.4 | 122       |
| 79 | Heritability and risk factors of uterine fibroids — The Finnish Twin Cohort Study. <i>Maturitas</i> , 2000, 37, 15-26.   | 1.0 | 119       |
| 80 | Genome-wide Association Analysis in Humans Links Nucleotide Metabolism to Leukocyte Telomere Length. <i>American Journal of Human Genetics</i> , 2020, 106, 389-404.                                       | 2.6 | 118       |
| 81 | Cell Specific eQTL Analysis without Sorting Cells. <i>PLoS Genetics</i> , 2015, 11, e1005223.  | 1.5 | 115       |
| 82 | Evaluation of O2PLS in Omics data integration. <i>BMC Bioinformatics</i> , 2016, 17, 11.   | 1.2 | 113       |
| 83 | An Immune Response Network Associated with Blood Lipid Levels. <i>PLoS Genetics</i> , 2010, 6, e1001113.   | 1.5 | 112       |
| 84 | MORGAM (an international pooling of cardiovascular cohorts). <i>International Journal of Epidemiology</i> , 2004, 34, 21-27.   | 0.9 | 105       |
| 85 | Data harmonization and federated analysis of population-based studies: the BioSHaRE project. <i>Emerging Themes in Epidemiology</i> , 2013, 10, 12.  | 1.2 | 105       |
| 86 | A genomic approach to therapeutic target validation identifies a glucose-lowering <i>GLP1R</i> variant protective for coronary heart disease. <i>Science Translational Medicine</i> , 2016, 8, 341ra76.    | 5.8 | 100       |
| 87 | Coronary Artery Complicated Lesion Area Is Related to Functional Polymorphism of Matrix Metalloproteinase 9 Gene. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2001, 21, 1446-1450.         | 1.1 | 96        |
| 88 | Risks of Light and Moderate Alcohol Use in Fatty Liver Disease: Follow-Up of Population Cohorts. <i>Hepatology</i> , 2020, 71, 835-848.  | 3.6 | 96        |
| 89 | Neolithic dairy farming at the extreme of agriculture in northern Europe. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20140819.  | 1.2 | 92        |
| 90 | Discovery of rare variants associated with blood pressure regulation through meta-analysis of 1.3 million individuals. <i>Nature Genetics</i> , 2020, 52, 1314-1332.                                       | 9.4 | 91        |

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|-----|--|-----|-----------|
| 91  | Geographic Variation and Bias in the Polygenic Scores of Complex Diseases and Traits in Finland. <i>American Journal of Human Genetics</i> , 2019, 104, 1169-1181.   | 2.6 | 90        |
| 92  | Glycosylation of immunoglobulin G is regulated by a large network of genes pleiotropic with inflammatory diseases. <i>Science Advances</i> , 2020, 6, eaax0301.  | 4.7 | 90        |
| 93  | Detailed metabolic and genetic characterization reveals new associations for 30 known lipid loci. <i>Human Molecular Genetics</i> , 2012, 21, 1444-1455.   | 1.4 | 89        |
| 94  | Causal Effect of Plasminogen Activator Inhibitor Type 1 on Coronary Heart Disease. <i>Journal of the American Heart Association</i> , 2017, 6, .   | 1.6 | 89        |
| 95  | Same genetic components underlie different measures of sweet taste preference. <i>American Journal of Clinical Nutrition</i> , 2007, 86, 1663-1669.  | 2.2 | 88        |
| 96  | Sex-dimorphic genetic effects and novel loci for fasting glucose and insulin variability. <i>Nature Communications</i> , 2021, 12, 24.   | 5.8 | 87        |
| 97  | Fine-Scale Genetic Structure in Finland. <i>G3: Genes, Genomes, Genetics</i> , 2017, 7, 3459-3468.   | 0.8 | 86        |
| 98  | Genetic and environmental contributions to food use patterns of young adult twins. <i>Physiology and Behavior</i> , 2008, 93, 235-242.   | 1.0 | 84        |
| 99  | Gene × dietary pattern interactions in obesity: analysis of up to 68 317 adults of European ancestry. <i>Human Molecular Genetics</i> , 2015, 24, 4728-4738.   | 1.4 | 84        |
| 100 | Comprehensive catalog of European biobanks. <i>Nature Biotechnology</i> , 2011, 29, 795-797.   | 9.4 | 83        |
| 101 | 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, 623-637.   | 0.9 | 83        |
| 102 | Meta-analysis of up to 622,409 individuals identifies 40 novel smoking behaviour associated genetic loci. <i>Molecular Psychiatry</i> , 2020, 25, 2392-2409.   | 4.1 | 83        |
| 103 | Gender Differences in Genetic Risk Profiles for Cardiovascular Disease. <i>PLoS ONE</i> , 2008, 3, e3615.  | 1.1 | 81        |
| 104 | Amerindian-specific regions under positive selection harbour new lipid variants in Latinos. <i>Nature Communications</i> , 2014, 5, 3983.  | 5.8 | 81        |
| 105 | Platelet Glycoprotein Ib/α HPA-2 Met/VNTR B Haplotype as a Genetic Predictor of Myocardial Infarction and Sudden Cardiac Death. <i>Circulation</i> , 2001, 104, 876-880.   | 1.6 | 77        |
| 106 | Discovery and Fine-Mapping of Glycaemic and Obesity-Related Trait Loci Using High-Density Imputation. <i>PLoS Genetics</i> , 2015, 11, e1005230.   | 1.5 | 77        |
| 107 | Glycoprotein IIIa Pl <sup>A</sup> Polymorphism Associates With Progression of Coronary Artery Disease and With Myocardial Infarction in an Autopsy Series of Middle-Aged Men Who Died Suddenly. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1999, 19, 2573-2578. | 1.1 | 74        |
| 108 | A principal component meta-analysis on multiple anthropometric traits identifies novel loci for body shape. <i>Nature Communications</i> , 2016, 7, 13357.   | 5.8 | 74        |

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|-----|--|-----|-----------|
| 109 | BBMRI-ERIC as a resource for pharmaceutical and life science industries: the development of biobank-based Expert Centres. <i>European Journal of Human Genetics</i> , 2015, 23, 893-900.                                     | 1.4 | 71        |
| 110 | Low galactosylation of IgG associates with higher risk for future diagnosis of rheumatoid arthritis during 10 years of follow-up. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 2034-2039. | 1.8 | 66        |
| 111 | Chronic disease research in Europe and the need for integrated population cohorts. <i>European Journal of Epidemiology</i> , 2017, 32, 741-749.  | 2.5 | 65        |
| 112 | CNV-association meta-analysis in 191,161 European adults reveals new loci associated with anthropometric traits. <i>Nature Communications</i> , 2017, 8, 744.  | 5.8 | 64        |
| 113 | Modulation of Genetic Associations with Serum Urate Levels by Body-Mass-Index in Humans. <i>PLoS ONE</i> , 2015, 10, e0119752.   | 1.1 | 64        |
| 114 | Age- and Sex-Specific Causal Effects of Adiposity on Cardiovascular Risk Factors. <i>Diabetes</i> , 2015, 64, 1841-1852.   | 0.3 | 63        |
| 115 | Platelet membrane collagen receptor glycoprotein VI polymorphism is associated with coronary thrombosis and fatal myocardial infarction in middle-aged men. <i>Atherosclerosis</i> , 2004, 176, 95-99.                       | 0.4 | 62        |
| 116 | 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.   | 1.5 | 61        |
| 117 | Glycoprotein IIIa PLA1/A2 polymorphism and sudden cardiac death. <i>Journal of the American College of Cardiology</i> , 2000, 36, 1317-1323.   | 1.2 | 59        |
| 118 | Identifying flavor preference subgroups. Genetic basis and related eating behavior traits. <i>Appetite</i> , 2014, 75, 1-10.   | 1.8 | 59        |
| 119 | European lactase persistence genotype shows evidence of association with increase in body mass index. <i>Human Molecular Genetics</i> , 2010, 19, 1129-1136.   | 1.4 | 58        |
| 120 | USF1 deficiency activates brown adipose tissue and improves cardiometabolic health. <i>Science Translational Medicine</i> , 2016, 8, 323ra13.  | 5.8 | 58        |
| 121 | Haplotype Sharing Provides Insights into Fine-Scale Population History and Disease in Finland. <i>American Journal of Human Genetics</i> , 2018, 102, 760-775.   | 2.6 | 57        |
| 122 | Cohort Profile: The Corogene study. <i>International Journal of Epidemiology</i> , 2012, 41, 1265-1271.  | 0.9 | 55        |
| 123 | High Risk Population Isolate Reveals Low Frequency Variants Predisposing to Intracranial Aneurysms. <i>PLoS Genetics</i> , 2014, 10, e1004134.   | 1.5 | 55        |
| 124 | Intertumoral heterogeneity in patient-specific drug sensitivities in treatment-naïve glioblastoma. <i>BMC Cancer</i> , 2019, 19, 628.  | 1.1 | 55        |
| 125 | Risk Alleles of USF1 Gene Predict Cardiovascular Disease of Women in Two Prospective Studies. <i>PLoS Genetics</i> , 2006, 2, e69.   | 1.5 | 51        |
| 126 | Loss of Cardioprotective Effects at the <i>ADAMTS7</i> Locus as a Result of Gene-Smoking Interactions. <i>Circulation</i> , 2017, 135, 2336-2353.  | 1.6 | 51        |



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|-----|--|-----|-----------|
| 127 | OSBPL10, a novel candidate gene for high triglyceride trait in dyslipidemic Finnish subjects, regulates cellular lipid metabolism. <i>Journal of Molecular Medicine</i> , 2009, 87, 825-835.   | 1.7 | 50        |
| 128 | Common Genetic Variants, QT Interval, and Sudden Cardiac Death in a Finnish Population-Based Study. <i>Circulation: Cardiovascular Genetics</i> , 2011, 4, 305-311.  | 5.1 | 50        |
| 129 | A Genome-Wide Association Study of Monozygotic Twin-Pairs Suggests a Locus Related to Variability of Serum High-Density Lipoprotein Cholesterol. <i>Twin Research and Human Genetics</i> , 2012, 15, 691-699.                              | 0.3 | 50        |
| 130 | Same genetic components underlie different measures of sweet taste preference. <i>American Journal of Clinical Nutrition</i> , 2007, 86, 1663-1669.  | 2.2 | 48        |
| 131 | Food neophobia associates with poorer dietary quality, metabolic risk factors, and increased disease outcome risk in population-based cohorts in a metabolomics study. <i>American Journal of Clinical Nutrition</i> , 2019, 110, 233-245. | 2.2 | 47        |
| 132 | An interaction map of circulating metabolites, immune gene networks, and their genetic regulation. <i>Genome Biology</i> , 2017, 18, 146.  | 3.8 | 46        |
| 133 | Appetitive traits as behavioural pathways in genetic susceptibility to obesity: a population-based cross-sectional study. <i>Scientific Reports</i> , 2015, 5, 14726.  | 1.6 | 45        |
| 134 | Genome-wide association study of sleep duration in the Finnish population. <i>Journal of Sleep Research</i> , 2014, 23, 609-618.   | 1.7 | 44        |
| 135 | The GPIIb/IIIa (̢3 integrin) P1A polymorphism in the early development of coronary atherosclerosis. <i>Atherosclerosis</i> , 2001, 154, 721-727.   | 0.4 | 42        |
| 136 | Genetic Association and Interaction Analysis of <i>USF1</i> and <i>APOA5</i> on Lipid Levels and Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 346-352.   | 1.1 | 42        |
| 137 | Meta-analysis on blood transcriptomic studies identifies consistently coexpressed protein-protein interaction modules as robust markers of human aging. <i>Aging Cell</i> , 2014, 13, 216-225.   | 3.0 | 42        |
| 138 | Genome-Wide Meta-Analysis of Cotinine Levels in Cigarette Smokers Identifies Locus at 4q13.2. <i>Scientific Reports</i> , 2016, 6, 20092.  | 1.6 | 42        |
| 139 | The Molecular Genetic Architecture of Self-Employment. <i>PLoS ONE</i> , 2013, 8, e60542.  | 1.1 | 41        |
| 140 | Genetic Determinants of Circulating Interleukin-1 Receptor Antagonist Levels and Their Association With Glycemic Traits. <i>Diabetes</i> , 2014, 63, 4343-4359.  | 0.3 | 40        |
| 141 | Protective Low-Frequency Variants for Preeclampsia in the Fms Related Tyrosine Kinase 1 Gene in the Finnish Population. <i>Hypertension</i> , 2017, 70, 365-371.   | 1.3 | 37        |
| 142 | Common Genetic Variants Associated with Sudden Cardiac Death: The FinSCDgen Study. <i>PLoS ONE</i> , 2012, 7, e41675.  | 1.1 | 37        |
| 143 | ACE gene and physical activity, blood pressure, and hypertension: a population study in Finland. <i>Journal of Applied Physiology</i> , 2002, 92, 2508-2512.   | 1.2 | 34        |
| 144 | Environmental Effects Exceed Genetic Effects on Perceived Intensity and Pleasantness of Several Odors: A Three-Population Twin Study. <i>Behavior Genetics</i> , 2008, 38, 484-492.  | 1.4 | 34        |

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