

Terho Lehtimäki

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3619191/publications.pdf>

Version: 2024-02-01

1,063
papers

108,887
citations

433

131
h-index

391

279
g-index

1122
all docs

1122
docs citations

1122
times ranked

102060
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | The mutational constraint spectrum quantified from variation in 141,456 humans. <i>Nature</i> , 2020, 581, 434-443. | 13.7 | 6,140 |
| 2 | Genetic studies of body mass index yield new insights for obesity biology. <i>Nature</i> , 2015, 518, 197-206. | 13.7 | 3,823 |
| 3 | Worldwide trends in diabetes since 1980: a pooled analysis of 751 population-based studies with 4.4 million participants. <i>Lancet</i> , The, 2016, 387, 1513-1530. | 6.3 | 2,842 |
| 4 | Discovery and refinement of loci associated with lipid levels. <i>Nature Genetics</i> , 2013, 45, 1274-1283. | 9.4 | 2,641 |
| 5 | 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 |
| 6 | Strong Association of De Novo Copy Number Mutations with Autism. <i>Science</i> , 2007, 316, 445-449. | 6.0 | 2,497 |
| 7 | Synaptic, transcriptional and chromatin genes disrupted in autism. <i>Nature</i> , 2014, 515, 209-215. | 13.7 | 2,254 |
| 8 | 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 |
| 9 | Genetic variants in novel pathways influence blood pressure and cardiovascular disease risk. <i>Nature</i> , 2011, 478, 103-109. | 13.7 | 1,855 |
| 10 | 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 |
| 11 | Hundreds of variants clustered in genomic loci and biological pathways affect human height. <i>Nature</i> , 2010, 467, 832-838. | 13.7 | 1,789 |
| 12 | Integrative approaches for large-scale transcriptome-wide association studies. <i>Nature Genetics</i> , 2016, 48, 245-252. | 9.4 | 1,618 |
| 13 | Large-scale association analysis identifies new risk loci for coronary artery disease. <i>Nature Genetics</i> , 2013, 45, 25-33. | 9.4 | 1,439 |
| 14 | Large-Scale Exome Sequencing Study Implicates Both Developmental and Functional Changes in the Neurobiology of Autism. <i>Cell</i> , 2020, 180, 568-584.e23. | 13.5 | 1,422 |
| 15 | New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , 2015, 518, 187-196. | 13.7 | 1,328 |
| 16 | Genome-wide association study identifies 74 loci associated with educational attainment. <i>Nature</i> , 2016, 533, 539-542. | 13.7 | 1,204 |
| 17 | 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. | 9.4 | 1,100 |
| 18 | Analysis of shared heritability in common disorders of the brain. <i>Science</i> , 2018, 360, . | 6.0 | 1,085 |

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|----|--|------|-----------|
| 19 | 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 |
| 20 | Genetic variants associated with subjective well-being, depressive symptoms, and neuroticism identified through genome-wide analyses. <i>Nature Genetics</i> , 2016, 48, 624-633. | 9.4 | 870 |
| 21 | 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 |
| 22 | Common variants associated with plasma triglycerides and risk for coronary artery disease. <i>Nature Genetics</i> , 2013, 45, 1345-1352. | 9.4 | 754 |
| 23 | Causal Relationship between Obesity and Vitamin D Status: Bi-Directional Mendelian Randomization Analysis of Multiple Cohorts. <i>PLoS Medicine</i> , 2013, 10, e1001383. | 3.9 | 753 |
| 24 | GWAS of 126,559 Individuals Identifies Genetic Variants Associated with Educational Attainment. <i>Science</i> , 2013, 340, 1467-1471. | 6.0 | 750 |
| 25 | Genome-wide association analyses identify 18 new loci associated with serum urate concentrations. <i>Nature Genetics</i> , 2013, 45, 145-154. | 9.4 | 675 |
| 26 | Microduplications of 16p11.2 are associated with schizophrenia. <i>Nature Genetics</i> , 2009, 41, 1223-1227. | 9.4 | 646 |
| 27 | Cohort Profile: The Cardiovascular Risk in Young Finns Study. <i>International Journal of Epidemiology</i> , 2008, 37, 1220-1226. | 0.9 | 634 |
| 28 | 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. | 9.4 | 590 |
| 29 | 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 |
| 30 | 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 |
| 31 | Association analyses based on false discovery rate implicate new loci for coronary artery disease. <i>Nature Genetics</i> , 2017, 49, 1385-1391. | 9.4 | 571 |
| 32 | Multi-ethnic genome-wide association study for atrial fibrillation. <i>Nature Genetics</i> , 2018, 50, 1225-1233. | 9.4 | 552 |
| 33 | A catalog of genetic loci associated with kidney function from analyses of a million individuals. <i>Nature Genetics</i> , 2019, 51, 957-972. | 9.4 | 549 |
| 34 | Metabolite Profiling and Cardiovascular Event Risk. <i>Circulation</i> , 2015, 131, 774-785. | 1.6 | 547 |
| 35 | Risk of acute coronary events and serum concentration of asymmetrical dimethylarginine. <i>Lancet</i> , The, 2001, 358, 2127-2128. | 6.3 | 544 |
| 36 | Rare and low-frequency coding variants alter human adult height. <i>Nature</i> , 2017, 542, 186-190. | 13.7 | 544 |

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|----|---|------|-----------|
| 37 | Meta-analysis of 375,000 individuals identifies 38 susceptibility loci for migraine. <i>Nature Genetics</i> , 2016, 48, 856-866. | 9.4 | 520 |
| 38 | Genome-wide association study identifies multiple loci influencing human serum metabolite levels. <i>Nature Genetics</i> , 2012, 44, 269-276. | 9.4 | 516 |
| 39 | High-throughput serum NMR metabonomics for cost-effective holistic studies on systemic metabolism. <i>Analyst</i> , 2009, 134, 1781. | 1.7 | 491 |
| 40 | Study of 300,486 individuals identifies 148 independent genetic loci influencing general cognitive function. <i>Nature Communications</i> , 2018, 9, 2098. | 5.8 | 484 |
| 41 | Physical Activity Attenuates the Influence of FTO Variants on Obesity Risk: A Meta-Analysis of 218,166 Adults and 19,268 Children. <i>PLoS Medicine</i> , 2011, 8, e1001116. | 3.9 | 446 |
| 42 | Branched-Chain and Aromatic Amino Acids Are Predictors of Insulin Resistance in Young Adults. <i>Diabetes Care</i> , 2013, 36, 648-655. | 4.3 | 441 |
| 43 | 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 |
| 44 | Multiancestry association study identifies new asthma risk loci that colocalize with immune-cell enhancer marks. <i>Nature Genetics</i> , 2018, 50, 42-53. | 9.4 | 426 |
| 45 | Tracking of Serum Lipid Levels, Blood Pressure, and Body Mass Index from Childhood to Adulthood: The Cardiovascular Risk in Young Finns Study. <i>Journal of Pediatrics</i> , 2011, 159, 584-590. | 0.9 | 423 |
| 46 | Novel Loci for Adiponectin Levels and Their Influence on Type 2 Diabetes and Metabolic Traits: A Multi-Ethnic Meta-Analysis of 45,891 Individuals. <i>PLoS Genetics</i> , 2012, 8, e1002607. | 1.5 | 419 |
| 47 | Genetic associations at 53 loci highlight cell types and biological pathways relevant for kidney function. <i>Nature Communications</i> , 2016, 7, 10023. | 5.8 | 412 |
| 48 | Genome-wide associations for birth weight and correlations with adult disease. <i>Nature</i> , 2016, 538, 248-252. | 13.7 | 406 |
| 49 | Genome-wide association study identifies six new loci influencing pulse pressure and mean arterial pressure. <i>Nature Genetics</i> , 2011, 43, 1005-1011. | 9.4 | 403 |
| 50 | miR-21, miR-210, miR-34a, and miR-146a/b are up-regulated in human atherosclerotic plaques in the Tampere Vascular Study. <i>Atherosclerosis</i> , 2011, 219, 211-217. | 0.4 | 402 |
| 51 | Maternal and fetal genetic effects on birth weight and their relevance to cardio-metabolic risk factors. <i>Nature Genetics</i> , 2019, 51, 804-814. | 9.4 | 402 |
| 52 | Genome-wide meta-analyses of multiancestry cohorts identify multiple new susceptibility loci for refractive error and myopia. <i>Nature Genetics</i> , 2013, 45, 314-318. | 9.4 | 398 |
| 53 | Endothelial Dysfunction and Increased Arterial Intima-Media Thickness in Children With Type 1 Diabetes. <i>Circulation</i> , 2004, 109, 1750-1755. | 1.6 | 393 |
| 54 | The Polygenic and Monogenic Basis of Blood Traits and Diseases. <i>Cell</i> , 2020, 182, 1214-1231.e11. | 13.5 | 388 |

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|----|--|------|-----------|
| 55 | 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 |
| 56 | The genetics of blood pressure regulation and its target organs from association studies in 342,415 individuals. <i>Nature Genetics</i> , 2016, 48, 1171-1184. | 9.4 | 362 |
| 57 | 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 |
| 58 | Trans-ethnic and Ancestry-Specific Blood-Cell Genetics in 746,667 Individuals from 5 Global Populations. <i>Cell</i> , 2020, 182, 1198-1213.e14. | 13.5 | 353 |
| 59 | The power of genetic diversity in genome-wide association studies of lipids. <i>Nature</i> , 2021, 600, 675-679. | 13.7 | 353 |
| 60 | A genome-wide association meta-analysis identifies new childhood obesity loci. <i>Nature Genetics</i> , 2012, 44, 526-531. | 9.4 | 352 |
| 61 | Distribution and Medical Impact of Loss-of-Function Variants in the Finnish Founder Population. <i>PLoS Genetics</i> , 2014, 10, e1004494. | 1.5 | 351 |
| 62 | 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. | 9.4 | 350 |
| 63 | Genome-wide meta-analysis identifies new susceptibility loci for migraine. <i>Nature Genetics</i> , 2013, 45, 912-917. | 9.4 | 338 |
| 64 | 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 |
| 65 | 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 |
| 66 | 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</i> , 2019, 394, 639-651. | 6.3 | 325 |
| 67 | Seventy-five genetic loci influencing the human red blood cell. <i>Nature</i> , 2012, 492, 369-375. | 13.7 | 320 |
| 68 | Association of vitamin D status with arterial blood pressure and hypertension risk: a mendelian randomisation study. <i>Lancet Diabetes and Endocrinology</i> , 2014, 2, 719-729. | 5.5 | 319 |
| 69 | The impact of low-frequency and rare variants on lipid levels. <i>Nature Genetics</i> , 2015, 47, 589-597. | 9.4 | 310 |
| 70 | 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. | 5.8 | 295 |
| 71 | Genome-wide association analysis identifies susceptibility loci for migraine without aura. <i>Nature Genetics</i> , 2012, 44, 777-782. | 9.4 | 294 |
| 72 | 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. | 9.4 | 294 |

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|----|---|-----|-----------|
| 73 | 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. | 9.4 | 293 |
| 74 | Meta-analysis of Genome-wide Association Studies for Neuroticism, and the Polygenic Association With Major Depressive Disorder. <i>JAMA Psychiatry</i> , 2015, 72, 642. | 6.0 | 289 |
| 75 | 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 |
| 76 | Genome-wide analysis identifies 12 loci influencing human reproductive behavior. <i>Nature Genetics</i> , 2016, 48, 1462-1472. | 9.4 | 284 |
| 77 | Identification of heart rate-associated loci and their effects on cardiac conduction and rhythm disorders. <i>Nature Genetics</i> , 2013, 45, 621-631. | 9.4 | 282 |
| 78 | Elevated Serum C-Reactive Protein Levels and Early Arterial Changes in Healthy Children. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002, 22, 1323-1328. | 1.1 | 281 |
| 79 | Large-scale analyses of common and rare variants identify 12 new loci associated with atrial fibrillation. <i>Nature Genetics</i> , 2017, 49, 946-952. | 9.4 | 279 |
| 80 | Genome-wide association analysis identifies three new susceptibility loci for childhood body mass index. <i>Human Molecular Genetics</i> , 2016, 25, 389-403. | 1.4 | 275 |
| 81 | High-dose statins and skeletal muscle metabolism in humans: A randomized, controlled trial. <i>Clinical Pharmacology and Therapeutics</i> , 2005, 78, 60-68. | 2.3 | 272 |
| 82 | Carotid Artery Intima-Media Thickness in Children With Type 1 Diabetes. <i>Diabetes</i> , 2002, 51, 493-498. | 0.3 | 271 |
| 83 | Metabolic Signatures of Adiposity in Young Adults: Mendelian Randomization Analysis and Effects of Weight Change. <i>PLoS Medicine</i> , 2014, 11, e1001765. | 3.9 | 271 |
| 84 | Metabolic Signatures of Insulin Resistance in 7,098 Young Adults. <i>Diabetes</i> , 2012, 61, 1372-1380. | 0.3 | 262 |
| 85 | 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. | 9.4 | 257 |
| 86 | Target genes, variants, tissues and transcriptional pathways influencing human serum urate levels. <i>Nature Genetics</i> , 2019, 51, 1459-1474. | 9.4 | 251 |
| 87 | New loci for body fat percentage reveal link between adiposity and cardiometabolic disease risk. <i>Nature Communications</i> , 2016, 7, 10495. | 5.8 | 245 |
| 88 | The prevalence of peripheral arterial disease and medial arterial calcification in patients with chronic renal failure: Requirements for diagnostics. <i>American Journal of Kidney Diseases</i> , 2002, 40, 472-479. | 2.1 | 244 |
| 89 | New biomarker evidence of oxidative DNA damage in patients with non-insulin-dependent diabetes mellitus. <i>FEBS Letters</i> , 1997, 417, 150-152. | 1.3 | 241 |
| 90 | Linkage of familial combined hyperlipidaemia to chromosome 1q21-q23. <i>Nature Genetics</i> , 1998, 18, 369-373. | 9.4 | 241 |

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|-----|--|------|-----------|
| 91 | WNT16 Influences Bone Mineral Density, Cortical Bone Thickness, Bone Strength, and Osteoporotic Fracture Risk. <i>PLoS Genetics</i> , 2012, 8, e1002745. | 1.5 | 240 |
| 92 | Genome-wide association meta-analysis highlights light-induced signaling as a driver for refractive error. <i>Nature Genetics</i> , 2018, 50, 834-848. | 9.4 | 239 |
| 93 | Ideal Cardiovascular Health in Childhood and Cardiometabolic Outcomes in Adulthood. <i>Circulation</i> , 2012, 125, 1971-1978. | 1.6 | 236 |
| 94 | Genome-wide meta-analysis identifies six novel loci associated with habitual coffee consumption. <i>Molecular Psychiatry</i> , 2015, 20, 647-656. | 4.1 | 235 |
| 95 | Genetically Determined Height and Coronary Artery Disease. <i>New England Journal of Medicine</i> , 2015, 372, 1608-1618. | 13.9 | 220 |
| 96 | A meta-analysis of genome-wide association studies identifies multiple longevity genes. <i>Nature Communications</i> , 2019, 10, 3669. | 5.8 | 214 |
| 97 | Genome-wide meta-analysis of observational studies shows common genetic variants associated with macronutrient intake. <i>American Journal of Clinical Nutrition</i> , 2013, 97, 1395-1402. | 2.2 | 210 |
| 98 | <i>KLB</i> is associated with alcohol drinking, and its gene product β -Klotho is necessary for FGF21 regulation of alcohol preference. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 14372-14377. | 3.3 | 208 |
| 99 | A Systems Biology Strategy Reveals Biological Pathways and Plasma Biomarker Candidates for Potentially Toxic Statin-Induced Changes in Muscle. <i>PLoS ONE</i> , 2006, 1, e97. | 1.1 | 202 |
| 100 | A metabolic view on menopause and ageing. <i>Nature Communications</i> , 2014, 5, 4708. | 5.8 | 196 |
| 101 | Long-term Leisure-time Physical Activity and Serum Metabolome. <i>Circulation</i> , 2013, 127, 340-348. | 1.6 | 193 |
| 102 | Meta-analysis of genome-wide association studies from the CHARGE consortium identifies common variants associated with carotid intima media thickness and plaque. <i>Nature Genetics</i> , 2011, 43, 940-947. | 9.4 | 191 |
| 103 | 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 |
| 104 | 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, 2735-2747. | 1.4 | 188 |
| 105 | Autoantibodies Against Oxidized Low Density Lipoprotein in Patients With Angiographically Verified Coronary Artery Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1999, 19, 23-27. | 1.1 | 185 |
| 106 | Circulating Metabolite Predictors of Glycemia in Middle-Aged Men and Women. <i>Diabetes Care</i> , 2012, 35, 1749-1756. | 4.3 | 184 |
| 107 | Common polymorphism in the oxytocin receptor gene (<i>OXTR</i>) is associated with human social recognition skills. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 1987-1992. | 3.3 | 184 |
| 108 | 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, 242-249. | 5.1 | 182 |

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|-----|---|------|-----------|
| 109 | 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. | 0.4 | 182 |
| 110 | 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 |
| 111 | Genetic Determinants of Serum Testosterone Concentrations in Men. <i>PLoS Genetics</i> , 2011, 7, e1002313. | 1.5 | 178 |
| 112 | Meta-analysis of Genome-Wide Association Studies for Extraversion: Findings from the Genetics of Personality Consortium. <i>Behavior Genetics</i> , 2016, 46, 170-182. | 1.4 | 178 |
| 113 | Weight Reduction With Very-Low-Caloric Diet and Endothelial Function in Overweight Adults: Role of Plasma Glucose. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004, 24, 124-128. | 1.1 | 175 |
| 114 | Directional dominance on stature and cognition in diverse human populations. <i>Nature</i> , 2015, 523, 459-462. | 13.7 | 173 |
| 115 | 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 |
| 116 | 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, 1745-1751. | 1.0 | 171 |
| 117 | Novel Loci for Metabolic Networks and Multi-Tissue Expression Studies Reveal Genes for Atherosclerosis. <i>PLoS Genetics</i> , 2012, 8, e1002907. | 1.5 | 171 |
| 118 | Genomics of 1 million parent lifespans implicates novel pathways and common diseases and distinguishes survival chances. <i>ELife</i> , 2019, 8, . | 2.8 | 170 |
| 119 | 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. | 5.8 | 169 |
| 120 | Genome-Wide Association and Functional Follow-Up Reveals New Loci for Kidney Function. <i>PLoS Genetics</i> , 2012, 8, e1002584. | 1.5 | 166 |
| 121 | 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, 3238-3251. | 1.1 | 166 |
| 122 | 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 |
| 123 | Genome-wide physical activity interactions in adiposity • A meta-analysis of 200,452 adults. <i>PLoS Genetics</i> , 2017, 13, e1006528. | 1.5 | 158 |
| 124 | A genome-wide approach to children's aggressive behavior: <i>The EAGLE consortium</i>. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2016, 171, 562-572. | 1.1 | 153 |
| 125 | Genome-wide meta-analysis uncovers novel loci influencing circulating leptin levels. <i>Nature Communications</i> , 2016, 7, 10494. | 5.8 | 153 |
| 126 | A Genome-Wide Association Meta-Analysis of Circulating Sex Hormone-Binding Globulin Reveals Multiple Loci Implicated in Sex Steroid Hormone Regulation. <i>PLoS Genetics</i> , 2012, 8, e1002805. | 1.5 | 151 |

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|-----|---|-----|-----------|
| 127 | Metabolic profiling of pregnancy: cross-sectional and longitudinal evidence. <i>BMC Medicine</i> , 2016, 14, 205. | 2.3 | 150 |
| 128 | Liver steatosis coexists with myocardial insulin resistance and coronary dysfunction in patients with type 2 diabetes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2006, 291, E282-E290. | 1.8 | 149 |
| 129 | Conventional Cardiovascular Risk Factors and Metabolic Syndrome in Predicting Carotid Intima-Media Thickness Progression in Young Adults. <i>Circulation</i> , 2009, 120, 229-236. | 1.6 | 149 |
| 130 | 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. | 4.3 | 147 |
| 131 | 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, 1281-1287. | 1.8 | 146 |
| 132 | Deletion of TOP3 ¹² , a component of FMRP-containing mRNPs, contributes to neurodevelopmental disorders. <i>Nature Neuroscience</i> , 2013, 16, 1228-1237. | 7.1 | 144 |
| 133 | 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 |
| 134 | High-throughput quantification of circulating metabolites improves prediction of subclinical atherosclerosis. <i>European Heart Journal</i> , 2012, 33, 2307-2316. | 1.0 | 141 |
| 135 | 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 |
| 136 | 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, 264-277. | 2.6 | 139 |
| 137 | Effects of diabetes definition on global surveillance of diabetes prevalence and diagnosis: a pooled analysis of 96 population-based studies with 331 288 participants. <i>Lancet Diabetes and Endocrinology</i> , 2015, 3, 624-637. | 5.5 | 139 |
| 138 | metaCCA: summary statistics-based multivariate meta-analysis of genome-wide association studies using canonical correlation analysis. <i>Bioinformatics</i> , 2016, 32, 1981-1989. | 1.8 | 138 |
| 139 | Socioeconomic position, lifestyle habits and biomarkers of epigenetic aging: a multi-cohort analysis. <i>Aging</i> , 2019, 11, 2045-2070. | 1.4 | 137 |
| 140 | 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. | 9.4 | 135 |
| 141 | Genome-wide association meta-analyses and fine-mapping elucidate pathways influencing albuminuria. <i>Nature Communications</i> , 2019, 10, 4130. | 5.8 | 133 |
| 142 | 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. | 1.0 | 132 |
| 143 | Obesity accelerates epigenetic aging in middle-aged but not in elderly individuals. <i>Clinical Epigenetics</i> , 2017, 9, 20. | 1.8 | 128 |
| 144 | Indoleamine 2,3-dioxygenase activity in nonagenarians is markedly increased and predicts mortality. <i>Mechanisms of Ageing and Development</i> , 2006, 127, 497-499. | 2.2 | 127 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 145 | Indoleamine 2,3-dioxygenase enzyme activity correlates with risk factors for atherosclerosis: the Cardiovascular Risk in Young Finns Study. <i>Clinical and Experimental Immunology</i> , 2007, 148, 106-111. | 1.1 | 127 |
| 146 | Longitudinal Genome-Wide Association of Cardiovascular Disease Risk Factors in the Bogalusa Heart Study. <i>PLoS Genetics</i> , 2010, 6, e1001094. | 1.5 | 126 |
| 147 | Lifetime Risk Factors and Arterial Pulse Wave Velocity in Adulthood. <i>Hypertension</i> , 2010, 55, 806-811. | 1.3 | 125 |
| 148 | Adolescence Risk Factors Are Predictive of Coronary Artery Calcification at Middle Age. <i>Journal of the American College of Cardiology</i> , 2012, 60, 1364-1370. | 1.2 | 125 |
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