# Ruth J F Loos

## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6478476/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 529 papers | 110,548 citations | 293 139 h-index | 239 304 g-index |
| 610 all docs | 610 docs citations | 610 times ranked | 86197 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | The mutational constraint spectrum quantified from variation in 141,456 humans. Nature, 2020, 581, 434-443. | 13.7 | 6,140 |
| 2 | A Common Variant in the FTO Gene Is Associated with Body Mass Index and Predisposes to Childhood and Adult Obesity. Science, 2007, 316, 889-894. | 6.0 | 3,884 |
| 3 | Genetic studies of body mass index yield new insights for obesity biology. Nature, 2015, 518, 197-206. | 13.7 | 3,823 |
| 4 | Biological, clinical and population relevance of 95 loci for blood lipids. Nature, 2010, 466, 707-713. | 13.7 | 3,249 |
| 5 | Correlates of physical activity: why are some people physically active and others not?. Lancet, The, 2012, 380, 258-271. | 6.3 | 2,874 |
| 6 | Discovery and refinement of loci associated with lipid levels. Nature Genetics, 2013, 45, 1274-1283. | 9.4 | 2,641 |
| 7 | Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. Nature Genetics, 2010, 42, 937-948. | 9.4 | 2,634 |
| 8 | A comprehensive 1000 Genomesâ€“based genome-wide association meta-analysis of coronary artery disease. Nature Genetics, 2015, 47, 1121-1130. | 9.4 | 2,054 |
| 9 | New genetic loci implicated in fasting glucose homeostasis and their impact on type 2 diabetes risk. Nature Genetics, 2010, 42, 105-116. | 9.4 | 1,982 |
| 10 | Genetic variants in novel pathways influence blood pressure and cardiovascular disease risk. Nature, 2011, 478, 103-109. | 13.7 | 1,855 |
| 11 | Defining the role of common variation in the genomic and biological architecture of adult human height. Nature Genetics, 2014, 46, 1173-1186. | 9.4 | 1,818 |
| 12 | Hundreds of variants clustered in genomic loci and biological pathways affect human height. Nature, 2010, 467, 832-838. | 13.7 | 1,789 |
| 13 | Large-scale association analysis provides insights into the genetic architecture and pathophysiology of type 2 diabetes. Nature Genetics, 2012, 44, 981-990. | 9.4 | 1,748 |
| 14 | Six new loci associated with body mass index highlight a neuronal influence on body weight regulation. Nature Genetics, 2009, 41, 25-34. | 9.4 | 1,572 |
| 15 | Common genetic determinants of vitamin D insufficiency: a genome-wide association study. Lancet, The, 2010, 376, 180-188. | 6.3 | 1,385 |
| 16 | Conditional and joint multiple-SNP analysis of GWAS summary statistics identifies additional variants influencing complex traits. Nature Genetics, 2012, 44, 369-375. | 9.4 | 1,338 |
| 17 | Fine-mapping type 2 diabetes loci to single-variant resolution using high-density imputation and islet-specific epigenome maps. Nature Genetics, 2018, 50, 1505-1513. | 9.4 | 1,331 |
| 18 | New genetic loci link adipose and insulin biology to body fat distribution. Nature, 2015, 518, 187-196. | 13.7 | 1,328 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Common variants near MC4R are associated with fat mass, weight and risk of obesity. Nature Genetics, 2008, 40, 768-775. | 9.4 | 1,179 |
| 20 | Genome-wide association study identifies eight loci associated with blood pressure. Nature Genetics, 2009, 41, 666-676. | 9.4 | 1,104 |
| 21 | Sequencing of 53,831 diverse genomes from the NHLBI TOPMed Program. Nature, 2021, 590, 290-299. | 13.7 | 1,069 |
| 22 | Genome-wide trans-ancestry meta-analysis provides insight into the genetic architecture of type 2 diabetes susceptibility. Nature Genetics, 2014, 46, 234-244. | 9.4 | 959 |
| 23 | The genetic architecture of type 2 diabetes. Nature, 2016, 536, 41-47. | 13.7 | 952 |
| 24 | Loss-of-Function Mutations inAPOC3,Triglycerides, and Coronary Disease. New England Journal of Medicine, 2014, 371, 22-31. | 13.9 | 936 |
| 25 | Genetic analysis of over 1 million people identifies 535 new loci associated with blood pressure traits. Nature Genetics, 2018, 50, 1412-1425. | 9.4 | 924 |
| 26 | Meta-analysis identifies 13 new loci associated with waist-hip ratio and reveals sexual dimorphism in the genetic basis of fat distribution. Nature Genetics, 2010, 42, 949-960. | 9.4 | 836 |
| 27 | Obesity. Nature Reviews Disease Primers, 2017, 3, 17034. | 18.1 | 766 |
| 28 | A genome-wide approach accounting for body mass index identifies genetic variants influencing fasting glycemic traits and insulin resistance. Nature Genetics, 2012, 44, 659-669. | 9.4 | 762 |
| 29 | Common variants associated with plasma triglycerides and risk for coronary artery disease. Nature Genetics, 2013, 45, 1345-1352. | 9.4 | 754 |
| 30 | Causal Relationship between Obesity and Vitamin D Status: Bi-Directional Mendelian Randomization Analysis of Multiple Cohorts. PLoS Medicine, 2013, 10, e1001383. | 3.9 | 753 |
| 31 | Meta-analysis of genome-wide association studies for body fat distribution in 694Â649 individuals of European ancestry. Human Molecular Genetics, 2019, 28, 166-174. | 1.4 | 752 |
| 32 | Large-scale association analyses identify new loci influencing glycemic traits and provide insight into the underlying biological pathways. Nature Genetics, 2012, 44, 991-1005. | 9.4 | 746 |
| 33 | Genome-wide association analysis identifies 20 loci that influence adult height. Nature Genetics, 2008, 40, 575-583. | 9.4 | 742 |
| 34 | Rapid infancy weight gain and subsequent obesity: Systematic reviews and hopeful suggestions. Acta Paediatrica, International Journal of Paediatrics, 2006, 95, 904-908. | 0.7 | 684 |
| 35 | Genetic analyses of diverse populations improves discovery for complex traits. Nature, 2019, 570, 514-518. | 13.7 | 679 |
| 36 | Genome-wide association analyses identify 18 new loci associated with serum urate concentrations. Nature Genetics, 2013, 45, 145-154. | 9.4 | 675 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Variants in MTNR1B influence fasting glucose levels. Nature Genetics, 2009, 41, 77-81. | 9.4 | 662 |
| 38 | An Expanded Genome-Wide Association Study of Type 2 Diabetes in Europeans. Diabetes, 2017, 66, 2888-2902. | 0.3 | 615 |
| 39 | A structural variation reference for medical and population genetics. Nature, 2020, 581, 444-451. | 13.7 | 614 |
| 40 | Genetic variation in GIPR influences the glucose and insulin responses to an oral glucose challenge. Nature Genetics, 2010, 42, 142-148. | 9.4 | 591 |
| 41 | Meta-analysis and imputation refines the association of 15q25 with smoking quantity. Nature Genetics, 2010, 42, 436-440. | 9.4 | 581 |
| 42 | Genome-wide meta-analysis identifies 11 new loci for anthropometric traits and provides insights into genetic architecture. Nature Genetics, 2013, 45, 501-512. | 9.4 | 578 |
| 43 | Association analyses based on false discovery rate implicate new loci for coronary artery disease. Nature Genetics, 2017, 49, 1385-1391. | 9.4 | 571 |
| 44 | Genomic Risk Prediction of Coronary Artery Disease in 480,000 Adults. Journal of the American College of Cardiology, 2018, 72, 1883-1893. | 1.2 | 557 |
| 45 | Multi-ethnic genome-wide association study for atrial fibrillation. Nature Genetics, 2018, 50, 1225-1233. | 9.4 | 552 |
| 46 | A catalog of genetic loci associated with kidney function from analyses of a million individuals. Nature Genetics, 2019, 51, 957-972. | 9.4 | 549 |
| 47 | Parent-of-origin-specific allelic associations among 106 genomic loci for age at menarche. Nature, 2014, 514, 92-97. | 13.7 | 548 |
| 48 | Rare and low-frequency coding variants alter human adult height. Nature, 2017, 542, 186-190. | 13.7 | 544 |
| 49 | Genome-wide association study identifies five loci associated with lung function. Nature Genetics, 2010, 42, 36-44. | 9.4 | 518 |
| 50 | Genome-wide association study identifies loci influencing concentrations of liver enzymes in plasma. Nature Genetics, 2011, 43, 1131-1138. | 9.4 | 501 |
| 51 | Genome-wide association analysis identifies novel blood pressure loci and offers biological insights into cardiovascular risk. Nature Genetics, 2017, 49, 403-415. | 9.4 | 492 |
| 52 | The bigger picture of FTOâ€"the first GWAS-identified obesity gene. Nature Reviews Endocrinology, 2014, 10, 51-61. | 4.3 | 490 |
| 53 | Variability in the Heritability of Body Mass Index: A Systematic Review and Meta-Regression. Frontiers in Endocrinology, 2012, 3, 29. | 1.5 | 489 |
| 54 | Exome-wide association study of plasma lipids in >300,000 individuals. Nature Genetics, 2017, 49, 1758-1766. | 9.4 | 470 |

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|---|---|---|---|
| 55 | Genome-Wide Association Scan Meta-Analysis Identifies Three Loci Influencing Adiposity and Fat Distribution. PLoS Genetics, 2009, 5, e1000508. | 1.5 | 453 |
| 56 | The Metabochip, a Custom Genotyping Array for Genetic Studies of Metabolic, Cardiovascular, and Anthropometric Traits. PLoS Genetics, 2012, 8, e1002793. | 1.5 | 448 |
| 57 | Physical Activity Attenuates the Influence of FTO Variants on Obesity Risk: A Meta-Analysis of 218,166 Adults and 19,268 Children. PLoS Medicine, 2011, 8, e1001116. | 3.9 | 446 |
| 58 | Thirty new loci for age at menarche identified by a meta-analysis of genome-wide association studies. Nature Genetics, 2010, 42, 1077-1085. | 9.4 | 445 |
| 59 | Rare variant in scavenger receptor BI raises HDL cholesterol and increases risk of coronary heart disease. Science, 2016, 351, 1166-1171. | 6.0 | 438 |
| 60 | Coding Variation inANGPTL4,LPL,andSVEP1and the Risk of Coronary Disease. New England Journal of Medicine, 2016, 374, 1134-1144. | 13.9 | 427 |
| 61 | The genetics of obesity: from discovery to biology. Nature Reviews Genetics, 2022, 23, 120-133. | 7.7 | 425 |
| 62 | Novel Loci for Adiponectin Levels and Their Influence on Type 2 Diabetes and Metabolic Traits: A Multi-Ethnic Meta-Analysis of 45,891 Individuals. PLoS Genetics, 2012, 8, e1002607. | 1.5 | 419 |
| 63 | Genetic associations at 53 loci highlight cell types and biological pathways relevant for kidney function. Nature Communications, 2016, 7, 10023. | 5.8 | 412 |
| 64 | Genome-wide association study identifies six new loci influencing pulse pressure and mean arterial pressure. Nature Genetics, 2011, 43, 1005-1011. | 9.4 | 403 |
| 65 | New gene functions in megakaryopoiesis and platelet formation. Nature, 2011, 480, 201-208. | 13.7 | 401 |
| 66 | Quality control and conduct of genome-wide association meta-analyses. Nature Protocols, 2014, 9, 1192-1212. | 5.5 | 398 |
| 67 | The Polygenic and Monogenic Basis of Blood Traits and Diseases. Cell, 2020, 182, 1214-1231.e11. | 13.5 | 388 |
| 68 | Common Variants at 10 Genomic Loci Influence Hemoglobin A1C Levels via Glycemic and Nonglycemic Pathways. Diabetes, 2010, 59, 3229-3239. | 0.3 | 387 |
| 69 | FTO genotype is associated with phenotypic variability of body mass index. Nature, 2012, 490, 267-272. | 13.7 | 383 |
| 70 | Prominent Axonopathy in the Brain and Spinal Cord of Transgenic Mice Overexpressing Four-Repeat Human tau Protein. American Journal of Pathology, 1999, 155, 2153-2165. | 1.9 | 379 |
| 71 | Inherited causes of clonal haematopoiesis in 97,691 whole genomes. Nature, 2020, 586, 763-768. | 13.7 | 376 |
| 72 | Sex-stratified Genome-wide Association Studies Including 270,000 Individuals Show Sexual Dimorphism in Genetic Loci for Anthropometric Traits. PLoS Genetics, 2013, 9, e1003500. | 1.5 | 371 |

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|---|---|---|---|
| 73 | Genetic Variants Influencing Circulating Lipid Levels and Risk of Coronary Artery Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2010, 30, 2264-2276. | 1.1 | 369 |
| 74 | Genome-wide association and large-scale follow up identifies 16 new loci influencing lung function. Nature Genetics, 2011, 43, 1082-1090. | 9.4 | 367 |
| 75 | Genetic fine mapping and genomic annotation defines causal mechanisms at type 2 diabetes susceptibility loci. Nature Genetics, 2015, 47, 1415-1425. | 9.4 | 365 |
| 76 | The genetics of blood pressure regulation and its target organs from association studies in 342,415 individuals. Nature Genetics, 2016, 48, 1171-1184. | 9.4 | 362 |
| 77 | Refining the accuracy of validated target identification through coding variant fine-mapping in type 2 diabetes. Nature Genetics, 2018, 50, 559-571. | 9.4 | 356 |
| 78 | Trans-ethnic and Ancestry-Specific Blood-Cell Genetics in 746,667 Individuals from 5 Global Populations. Cell, 2020, 182, 1198-1213.e14. | 13.5 | 353 |
| 79 | The power of genetic diversity in genome-wide association studies of lipids. Nature, 2021, 600, 675-679. | 13.7 | 353 |
| 80 | Impact of common genetic determinants of Hemoglobin A1c on type 2 diabetes risk and diagnosis in ancestrally diverse populations: A transethnic genome-wide meta-analysis. PLoS Medicine, 2017, 14, e1002383. | 3.9 | 341 |
| 81 | The trans-ancestral genomic architecture of glycemic traits. Nature Genetics, 2021, 53, 840-860. | 9.4 | 341 |
| 82 | Genome-Wide Association Identifies Nine Common Variants Associated With Fasting Proinsulin Levels and Provides New Insights Into the Pathophysiology of Type 2 Diabetes. Diabetes, 2011, 60, 2624-2634. | 0.3 | 335 |
| 83 | The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study. PLoS Genetics, 2015, 11, e1005378. | 1.5 | 331 |
| 84 | LDL-cholesterol concentrations: a genome-wide association study. Lancet, The, 2008, 371, 483-491. | 6.3 | 329 |
| 85 | Genome Analyses of >200,000 Individuals Identify 58 Loci for Chronic Inflammation and Highlight Pathways that Link Inflammation and Complex Disorders. American Journal of Human Genetics, 2018, 103, 691-706. | 2.6 | 326 |
| 86 | Seventy-five genetic loci influencing the human red blood cell. Nature, 2012, 492, 369-375. | 13.7 | 320 |
| 87 | Genetic variation in LIN28B is associated with the timing of puberty. Nature Genetics, 2009, 41, 729-733. | 9.4 | 317 |
| 88 | Genome-Wide Association Study of Blood Pressure Extremes Identifies Variant near UMOD Associated with Hypertension. PLoS Genetics, 2010, 6, e1001177. | 1.5 | 312 |
| 89 | Glycogen Synthase Kinase-3Î² Phosphorylates Protein Tau and Rescues the Axonopathy in the Central Nervous System of Human Four-repeat Tau Transgenic Mice. Journal of Biological Chemistry, 2000, 275, 41340-41349. | 1.6 | 294 |
| 90 | New loci associated with birth weight identify genetic links between intrauterine growth and adult height and metabolism. Nature Genetics, 2013, 45, 76-82. | 9.4 | 293 |

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|---|---|---|---|
| 91 | Genetic variation near IRS1 associates with reduced adiposity and an impaired metabolic profile. Nature Genetics, 2011, 43, 753-760. | 9.4 | 289 |
| 92 | Association of Low-Frequency and Rare Coding-Sequence Variants with Blood Lipids and Coronary Heart Disease in 56,000 Whites and Blacks. American Journal of Human Genetics, 2014, 94, 223-232. | 2.6 | 287 |
| 93 | Protein-altering variants associated with body mass index implicate pathways that control energy intake and expenditure in obesity. Nature Genetics, 2018, 50, 26-41. | 9.4 | 286 |
| 94 | Identification of heart rateâ€“associated loci and their effects on cardiac conduction and rhythm disorders. Nature Genetics, 2013, 45, 621-631. | 9.4 | 282 |
| 95 | Genetic association study of QT interval highlights role for calcium signaling pathways in myocardial repolarization. Nature Genetics, 2014, 46, 826-836. | 9.4 | 281 |
| 96 | Large-scale analyses of common and rare variants identify 12 new loci associated with atrial fibrillation. Nature Genetics, 2017, 49, 946-952. | 9.4 | 279 |
| 97 | Genome-wide SNP and CNV analysis identifies common and low-frequency variants associated with severe early-onset obesity. Nature Genetics, 2013, 45, 513-517. | 9.4 | 278 |
| 98 | Set points, settling points and some alternative models: theoretical options to understand how genes and environments combine to regulate body adiposity. DMM Disease Models and Mechanisms, 2011, 4, 733-745. | 1.2 | 266 |
| 99 | FTO: the first gene contributing to common forms of human obesity. Obesity Reviews, 2008, 9, 246-250. | 3.1 | 263 |
| 100 | Genome-wide association and genetic functional studies identify autism susceptibility candidate 2 gene ( AUTS2 ) in the regulation of alcohol consumption. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 7119-7124. | 3.3 | 258 |
| 101 | Genome-wide association analyses for lung function and chronic obstructive pulmonary disease identify new loci and potential druggable targets. Nature Genetics, 2017, 49, 416-425. | 9.4 | 257 |
| 102 | Target genes, variants, tissues and transcriptional pathways influencing human serum urate levels. Nature Genetics, 2019, 51, 1459-1474. | 9.4 | 251 |
| 103 | Multi-ancestry genetic study of type 2 diabetes highlights the power of diverse populations for discovery and translation. Nature Genetics, 2022, 54, 560-572. | 9.4 | 250 |
| 104 | Exome sequencing of 20,791Âcases of type 2 diabetes and 24,440Âcontrols. Nature, 2019, 570, 71-76. | 13.7 | 248 |
| 105 | Genetic loci influencing kidney function and chronic kidney disease. Nature Genetics, 2010, 42, 373-375. | 9.4 | 246 |
| 106 | New loci for body fat percentage reveal link between adiposity and cardiometabolic disease risk. Nature Communications, 2016, 7, 10495. | 5.8 | 245 |
| 107 | Meta-Analysis of Genome-Wide Scans for Human Adult Stature Identifies Novel Loci and Associations with Measures of Skeletal Frame Size. PLoS Genetics, 2009, 5, e1000445. | 1.5 | 237 |
| 108 | Genome-wide meta-analysis identifies six novel loci associated with habitual coffee consumption. Molecular Psychiatry, 2015, 20, 647-656. | 4.1 | 235 |

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|---|---|---|---|
| 109 | A meta-analysis identifies new loci associated with body mass index in individuals of African ancestry. Nature Genetics, 2013, 45, 690-696. | 9.4 | 232 |
| 110 | Physical Activity Attenuates the Genetic Predisposition to Obesity in 20,000 Men and Women from EPIC-Norfolk Prospective Population Study. PLoS Medicine, 2010, 7, e1000332. | 3.9 | 230 |
| 111 | Life course variations in the associations between FTO and MC4R gene variants and body size. Human Molecular Genetics, 2010, 19, 545-552. | 1.4 | 227 |
| 112 | Population genetic differentiation of height and body mass index across Europe. Nature Genetics, 2015, 47, 1357-1362. | 9.4 | 227 |
| 113 | Common Variants in CDKAL1, CDKN2A/B, IGF2BP2, SLC30A8, and HHEX/IDE Genes Are Associated With Type 2 Diabetes and Impaired Fasting Glucose in a Chinese Han Population. Diabetes, 2008, 57, 2834-2842. | 0.3 | 226 |
| 114 | Variants in the Fat Massâ€“and Obesity-Associated (FTO) Gene Are Not Associated With Obesity in a Chinese Han Population. Diabetes, 2008, 57, 264-268. | 0.3 | 223 |
| 115 | Meta-analysis identifies common and rare variants influencing blood pressure and overlapping with metabolic trait loci. Nature Genetics, 2016, 48, 1162-1170. | 9.4 | 223 |
| 116 | Identification of new susceptibility loci for type 2 diabetes and shared etiological pathways with coronary heart disease. Nature Genetics, 2017, 49, 1450-1457. | 9.4 | 218 |
| 117 | Systematic Evaluation of Pleiotropy Identifies 6 Further Loci Associated WithÂCoronary ArteryÂDisease. Journal of the American College of Cardiology, 2017, 69, 823-836. | 1.2 | 214 |
| 118 | Prominent Cerebral Amyloid Angiopathy in Transgenic Mice Overexpressing the London Mutant of Human APP in Neurons. American Journal of Pathology, 2000, 157, 1283-1298. | 1.9 | 213 |
| 119 | The prenatal gut microbiome: are we colonized with bacteria in utero?. Pediatric Obesity, 2017, 12, 3-17. | 1.4 | 211 |
| 120 | Genome-wide meta-analysis of observational studies shows common genetic variants associated with macronutrient intake. American Journal of Clinical Nutrition, 2013, 97, 1395-1402. | 2.2 | 210 |
| 121 | Obesity - is it a genetic disorder?. Journal of Internal Medicine, 2003, 254, 401-425. | 2.7 | 208 |
| 122 | CUBN Is a Gene Locus for Albuminuria. Journal of the American Society of Nephrology: JASN, 2011, 22, 555-570. | 3.0 | 208 |
| 123 | Use of >100,000 NHLBI Trans-Omics for Precision Medicine (TOPMed) Consortium whole genome sequences improves imputation quality and detection of rare variant associations in admixed African and Hispanic/Latino populations. PLoS Genetics, 2019, 15, e1008500. | 1.5 | 203 |
| 124 | Genetic determinants of common obesity and their value in prediction. Best Practice and Research in Clinical Endocrinology and Metabolism, 2012, 26, 211-226. | 2.2 | 198 |
| 125 | A Genome-Wide Association Search for Type 2 Diabetes Genes in African Americans. PLoS ONE, 2012, 7, e29202. | 1.1 | 197 |
| 126 | Whole-Exome Sequencing Identifies Rare and Low-Frequency Coding Variants Associated with LDL Cholesterol. American Journal of Human Genetics, 2014, 94, 233-245. | 2.6 | 193 |

| # | Article | IF | Citations |
|---|---|---|---|
| 127 | Meta-Analysis of Genome-Wide Association Studies in African Americans Provides Insights into the Genetic Architecture of Type 2 Diabetes. PLoS Genetics, 2014, 10, e1004517. | 1.5 | 191 |
| 128 | Genome-wide Association Analysis of Blood-Pressure Traits in African-Ancestry Individuals Reveals Common Associated Genes in African and Non-African Populations. American Journal of Human Genetics, 2013, 93, 545-554. | 2.6 | 189 |
| 129 | Cumulative effects and predictive value of common obesity-susceptibility variants identified by genome-wide association studies. American Journal of Clinical Nutrition, 2010, 91, 184-190. | 2.2 | 185 |
| 130 | Physical activity attenuates the body mass indexâ€“increasing influence of genetic variation in the FTO gene. American Journal of Clinical Nutrition, 2009, 90, 425-428. | 2.2 | 182 |
| 131 | Obesity genes identified in genome-wide association studies are associated with adiposity measures and potentially with nutrient-specific food preference. American Journal of Clinical Nutrition, 2009, 90, 951-959. | 2.2 | 179 |
| 132 | Genetic and environmental effects on body mass index from infancy to the onset of adulthood: an individual-based pooled analysis of 45 twin cohorts participating in the COllaborative project of Development of Anthropometrical measures in Twins (CODATwins) study. American Journal of Clinical Nutrition, 2016, 104, 371-379. | 2.2 | 175 |
| 133 | Low-frequency and rare exome chip variants associate with fasting glucose and type 2 diabetes susceptibility. Nature Communications, 2015, 6, 5897. | 5.8 | 173 |
| 134 | Directional dominance on stature and cognition inÂdiverse human populations. Nature, 2015, 523, 459-462. | 13.7 | 173 |
| 135 | Association of genetic variation in FTO with risk of obesity and type 2 diabetes with data from 96,551 East and South Asians. Diabetologia, 2012, 55, 981-995. | 2.9 | 171 |
| 136 | Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits. Nature Communications, 2017, 8, 14977. | 5.8 | 169 |
| 137 | A Genome-Wide Association Study Identifies GRK5 and RASGRP1 as Type 2 Diabetes Loci in Chinese Hans. Diabetes, 2013, 62, 291-298. | 0.3 | 166 |
| 138 | Genome-Wide Association Studies Identify CHRNA5/3 and HTR4 in the Development of Airflow Obstruction. American Journal of Respiratory and Critical Care Medicine, 2012, 186, 622-632. | 2.5 | 164 |
| 139 | A Central Role for GRB10 in Regulation of Islet Function in Man. PLoS Genetics, 2014, 10, e1004235. | 1.5 | 164 |
| 140 | Genetic Markers of Adult Obesity Risk Are Associated with Greater Early Infancy Weight Gain and Growth. PLoS Medicine, 2010, 7, e1000284. | 3.9 | 158 |
| 141 | Genome-wide physical activity interactions in adiposity â€• A meta-analysis of 200,452 adults. PLoS Genetics, 2017, 13, e1006528. | 1.5 | 158 |
| 142 | Assessing the contribution of rare variants to complex trait heritability from whole-genome sequence data. Nature Genetics, 2022, 54, 263-273. | 9.4 | 156 |
| 143 | TCF7L2 Polymorphisms Modulate Proinsulin Levels and Â-Cell Function in a British Europid Population. Diabetes, 2007, 56, 1943-1947. | 0.3 | 154 |
| 144 | Genome-wide meta-analysis uncovers novel loci influencing circulating leptin levels. Nature Communications, 2016, 7, 10494. | 5.8 | 153 |

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|---|---|---|---|
| 145 | A Genome-Wide Association Study Reveals Variants in ARL15 that Influence Adiponectin Levels. PLoS Genetics, 2009, 5, e1000768. | 1.5 | 148 |
| 146 | Large meta-analysis of genome-wide association studies identifies five loci for lean body mass. Nature Communications, 2017, 8, 80. | 5.8 | 147 |
| 147 | Association of the PHACTR1/EDN1 Genetic Locus With Spontaneous Coronary Artery Dissection. Journal of the American College of Cardiology, 2019, 73, 58-66. | 1.2 | 147 |
| 148 | Dynamic incorporation of multiple in silico functional annotations empowers rare variant association analysis of large whole-genome sequencing studies at scale. Nature Genetics, 2020, 52, 969-983. | 9.4 | 146 |
| 149 | FTO genetic variants, dietary intake and body mass index: insights from 177 330 individuals. Human Molecular Genetics, 2014, 23, 6961-6972. | 1.4 | 143 |
| 150 | Transcript expression-aware annotation improves rare variant interpretation. Nature, 2020, 581, 452-458. | 13.7 | 142 |
| 151 | Developments in Obesity Genetics in the Era of Genome-Wide Association Studies. Journal of Nutrigenetics and Nutrigenomics, 2011, 4, 222-238. | 1.8 | 134 |
| 152 | Genetic and environmental influences on height from infancy to early adulthood: An individual-based pooled analysis of 45 twin cohorts. Scientific Reports, 2016, 6, 28496. | 1.6 | 133 |
| 153 | Genome-wide Association Studies Identify Genetic Loci Associated With Albuminuria in Diabetes. Diabetes, 2016, 65, 803-817. | 0.3 | 131 |
| 154 | Genome-Wide Joint Meta-Analysis of SNP and SNP-by-Smoking Interaction Identifies Novel Loci for Pulmonary Function. PLoS Genetics, 2012, 8, e1003098. | 1.5 | 130 |
| 155 | Effect of Five Genetic Variants Associated with Lung Function on the Risk of Chronic Obstructive Lung Disease, and Their Joint Effects on Lung Function. American Journal of Respiratory and Critical Care Medicine, 2011, 184, 786-795. | 2.5 | 128 |
| 156 | Birth weight and body composition in young adult menâ€”a prospective twin study. International Journal of Obesity, 2001, 25, 1537-1545. | 1.6 | 127 |
| 157 | Interactions of Dietary Whole-Grain Intake With Fasting Glucose- and Insulin-Related Genetic Loci in Individuals of European Descent: A meta-analysis of 14 cohort studies. Diabetes Care, 2010, 33, 2684-2691. | 4.3 | 127 |
| 158 | Anthropometry, carbohydrate and lipid metabolism in the East Flanders Prospective Twin Survey: heritabilities. Diabetologia, 2007, 50, 2107-2116. | 2.9 | 124 |
| 159 | Recent progress in the genetics of common obesity. British Journal of Clinical Pharmacology, 2009, 68, 811-829. | 1.1 | 123 |
| 160 | Novel Blood Pressure Locus and Gene Discovery Using Genome-Wide Association Study and Expression Data Sets From Blood and the Kidney. Hypertension, 2017, 70, . | 1.3 | 123 |
| 161 | A Large-Scale Multi-ancestry Genome-wide Study Accounting for Smoking Behavior Identifies Multiple Significant Loci for Blood Pressure. American Journal of Human Genetics, 2018, 102, 375-400. | 2.6 | 123 |
| 162 | The energy balance model of obesity: beyond calories in, calories out. American Journal of Clinical Nutrition, 2022, 115, 1243-1254. | 2.2 | 123 |

| # | Article | IF | Citations |
|---|---|---|---|
| 163 | Heritability of objectively assessed daily physical activity and sedentary behavior. American Journal of Clinical Nutrition, 2013, 98, 1317-1325. | 2.2 | 121 |
| 164 | Type 2 Diabetes Variants Disrupt Function of SLC16A11 through Two Distinct Mechanisms. Cell, 2017, 170, 199-212.e20. | 13.5 | 121 |
| 165 | Genetic Susceptibility to Obesity and Related Traits in Childhood and Adolescence. Diabetes, 2010, 59, 2980-2988. | 0.3 | 120 |
| 166 | The genetic architecture of membranous nephropathy and its potential to improve non-invasive diagnosis. Nature Communications, 2020, 11, 1600. | 5.8 | 120 |
| 167 | Trend in Obesity Prevalence in European Adult Cohort Populations during Follow-up since 1996 and Their Predictions to 2015. PLoS ONE, 2011, 6, e27455. | 1.1 | 119 |
| 168 | The Genetic Contribution to Dental Maturation. Journal of Dental Research, 1997, 76, 1337-1340. | 2.5 | 118 |
| 169 | Mendelian Randomization Studies Do Not Support a Causal Role for Reduced Circulating Adiponectin Levels in Insulin Resistance and Type 2 Diabetes. Diabetes, 2013, 62, 3589-3598. | 0.3 | 116 |
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