

# Dorret Boomsma

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5793588/publications.pdf>

Version: 2024-02-01

54  
papers

3,644  
citations

279798

23  
h-index

182427

51  
g-index

57  
all docs

57  
docs citations

57  
times ranked

6621  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Large-scale association analyses identify host factors influencing human gut microbiome composition. <i>Nature Genetics</i> , 2021, 53, 156-165.   | 21.4 | 676       |
| 2  | 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.  | 21.4 | 590       |
| 3  | 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. <i>PLoS Medicine</i> , 2017, 14, e1002383.                        | 8.4  | 341       |
| 4  | Genomic and phenotypic insights from an atlas of genetic effects on DNA methylation. <i>Nature Genetics</i> , 2021, 53, 1311-1321.   | 21.4 | 218       |
| 5  | Genetic architecture of subcortical brain structures in 38,851 individuals. <i>Nature Genetics</i> , 2019, 51, 1624-1636.  | 21.4 | 192       |
| 6  | Investigating the genetic architecture of noncognitive skills using GWAS-by-subtraction. <i>Nature Genetics</i> , 2021, 53, 35-44.   | 21.4 | 145       |
| 7  | Within-sibship genome-wide association analyses decrease bias in estimates of direct genetic effects. <i>Nature Genetics</i> , 2022, 54, 581-592.  | 21.4 | 142       |
| 8  | 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.   | 21.4 | 135       |
| 9  | Sex-dimorphic genetic effects and novel loci for fasting glucose and insulin variability. <i>Nature Communications</i> , 2021, 12, 24.   | 12.8 | 87        |
| 10 | Expanding the genetic architecture of nicotine dependence and its shared genetics with multiple traits. <i>Nature Communications</i> , 2020, 11, 5562.   | 12.8 | 80        |
| 11 | Genome-wide association study identifies 48 common genetic variants associated with handedness. <i>Nature Human Behaviour</i> , 2021, 5, 59-70.  | 12.0 | 79        |
| 12 | Genetic variants associated with longitudinal changes in brain structure across the lifespan. <i>Nature Neuroscience</i> , 2022, 25, 421-432.  | 14.8 | 75        |
| 13 | Genetic and Environmental Influences on Different Forms of Bullying Perpetration, Bullying Victimization, and Their Co-occurrence. <i>Behavior Genetics</i> , 2019, 49, 432-443.   | 2.1  | 66        |
| 14 | Heritability estimates for 361 blood metabolites across 40 genome-wide association studies. <i>Nature Communications</i> , 2020, 11, 39.   | 12.8 | 64        |
| 15 | Genome-wide association study of panic disorder reveals genetic overlap with neuroticism and depression. <i>Molecular Psychiatry</i> , 2021, 26, 4179-4190.  | 7.9  | 58        |
| 16 | MicroRNAs as biomarkers for psychiatric disorders with a focus on autism spectrum disorder: Current progress in genetic association studies, expression profiling, and translational research. <i>Autism Research</i> , 2017, 10, 1184-1203. | 3.8  | 49        |
| 17 | Large-scale plasma metabolome analysis reveals alterations in HDL metabolism in migraine. <i>Neurology</i> , 2019, 92, e1899-e1911.  | 1.1  | 42        |
| 18 | An Extended Twin-Pedigree Study of Neuroticism in the Netherlands Twin Register. <i>Behavior Genetics</i> , 2018, 48, 1-11.  | 2.1  | 36        |

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|----|---|------|-----------|
| 19 | Epigenome-wide meta-analysis of blood DNA methylation and its association with subcortical volumes: findings from the ENIGMA Epigenetics Working Group. <i>Molecular Psychiatry</i> , 2021, 26, 3884-3895.                      | 7.9  | 34        |
| 20 | A role for vitamin D and omega-3 fatty acids in major depression? An exploration using genomics. <i>Translational Psychiatry</i> , 2019, 9, 219.  | 4.8  | 33        |
| 21 | Early-life antibiotic use and risk of asthma and eczema: results of a discordant twin study. <i>European Respiratory Journal</i> , 2020, 55, 1902021.   | 6.7  | 32        |
| 22 | Obesity and atypical depression symptoms: findings from Mendelian randomization in two European cohorts. <i>Translational Psychiatry</i> , 2021, 11, 96.  | 4.8  | 31        |
| 23 | Genetic association study of childhood aggression across raters, instruments, and age. <i>Translational Psychiatry</i> , 2021, 11, 413.   | 4.8  | 31        |
| 24 | A characterization of cis- and trans-heritability of RNA-Seq-based gene expression. <i>European Journal of Human Genetics</i> , 2020, 28, 253-263.  | 2.8  | 29        |
| 25 | Age-of-onset information helps identify 76 genetic variants associated with allergic disease. <i>PLoS Genetics</i> , 2020, 16, e1008725.  | 3.5  | 27        |
| 26 | Genetic risk for major depressive disorder and loneliness in sex-specific associations with coronary artery disease. <i>Molecular Psychiatry</i> , 2021, 26, 4254-4264.   | 7.9  | 26        |
| 27 | Identical twins carry a persistent epigenetic signature of early genome programming. <i>Nature Communications</i> , 2021, 12, 5618.   | 12.8 | 26        |
| 28 | Genome-wide association meta-analysis of age at first cannabis use. <i>Addiction</i> , 2018, 113, 2073-2086.  | 3.3  | 24        |
| 29 | 1q21.1 distal copy number variants are associated with cerebral and cognitive alterations in humans. <i>Translational Psychiatry</i> , 2021, 11, 182.   | 4.8  | 24        |
| 30 | Predicting Loneliness from Where and What People Do. <i>Social Sciences</i> , 2020, 9, 51.  | 1.4  | 21        |
| 31 | 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.                                      | 7.9  | 21        |
| 32 | Parental Age and Offspring Childhood Mental Health: A Multi-Cohort, Population-Based Investigation. <i>Child Development</i> , 2020, 91, 964-982.   | 3.0  | 20        |
| 33 | Large-scale collaboration in ENIGMA-EEG: A perspective on the meta-analytic approach to link neurological and psychiatric liability genes to electrophysiological brain activity. <i>Brain and Behavior</i> , 2021, 11, e02188. | 2.2  | 18        |
| 34 | Genetic and environmental influences on human height from infancy through adulthood at different levels of parental education. <i>Scientific Reports</i> , 2020, 10, 7974.  | 3.3  | 17        |
| 35 | DNA methylation age is associated with an altered hemostatic profile in a multiethnic meta-analysis. <i>Blood</i> , 2018, 132, 1842-1850.   | 1.4  | 16        |
| 36 | Associations of sleep with psychological problems and well-being in adolescence: causality or common genetic predispositions?. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2021, 62, 28-39.      | 5.2  | 16        |

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|----|--|-----|-----------|
| 37 | Harmonizing behavioral outcomes across studies, raters, and countries: application to the genetic analysis of aggression in the ACTION Consortium. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2020, 61, 807-817. | 5.2 | 15        |
| 38 | Association of amyloid pathology with memory performance and cognitive complaints in cognitively normal older adults: a monozygotic twin study. <i>Neurobiology of Aging</i> , 2019, 77, 58-65.  | 3.1 | 14        |
| 39 | Major Depressive Disorder and Lifestyle: Correlated Genetic Effects in Extended Twin Pedigrees. <i>Genes</i> , 2021, 12, 1509.   | 2.4 | 12        |
| 40 | Methylome-wide association study of antidepressant use in Generation Scotland and the Netherlands Twin Register implicates the innate immune system. <i>Molecular Psychiatry</i> , 2022, 27, 1647-1657.  | 7.9 | 10        |
| 41 | Parental Age in Relation to Offspring's Neurodevelopment. <i>Journal of Clinical Child and Adolescent Psychology</i> , 2021, 50, 632-644.  | 3.4 | 9         |
| 42 | Genetically Informed Regression Analysis: Application to Aggression Prediction by Inattention and Hyperactivity in Children and Adults. <i>Behavior Genetics</i> , 2021, 51, 250-263.  | 2.1 | 8         |
| 43 | Biological insights into multiple birth: genetic findings from UK Biobank. <i>European Journal of Human Genetics</i> , 2019, 27, 970-979.  | 2.8 | 7         |
| 44 | Teacher-rated aggression and co-occurring behaviors and emotional problems among schoolchildren in four population-based European cohorts. <i>PLoS ONE</i> , 2021, 16, e0238667.   | 2.5 | 7         |
| 45 | Heritability of Urinary Amines, Organic Acids, and Steroid Hormones in Children. <i>Metabolites</i> , 2022, 12, 474.   | 2.9 | 7         |
| 46 | Genetics and Not Shared Environment Explains Familial Resemblance in Adult Metabolomics Data. <i>Twin Research and Human Genetics</i> , 2020, 23, 145-155.   | 0.6 | 6         |
| 47 | Multilevel Twin Models: Geographical Region as a Third Level Variable. <i>Behavior Genetics</i> , 2021, 51, 319-330.   | 2.1 | 6         |
| 48 | Delayed tracking and inequality of opportunity: Gene-environment interactions in educational attainment. <i>Npj Science of Learning</i> , 2022, 7, 6.  | 2.8 | 6         |
| 49 | Transcriptome-based polygenic score links depression-related corticolimbic gene expression changes to sex-specific brain morphology and depression risk. <i>Neuropsychopharmacology</i> , 2021, 46, 2304-2311.                                   | 5.4 | 5         |
| 50 | Intergenerational transmission of body mass index and associations with educational attainment. <i>BMC Public Health</i> , 2022, 22, 890.  | 2.9 | 3         |
| 51 | Multivariate Genetic Structure of Externalizing Behavior and Structural Brain Development in a Longitudinal Adolescent Twin Sample. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3176.   | 4.1 | 2         |
| 52 | Infant Motor Milestones and Childhood Overweight: Trends over Two Decades in A Large Twin Cohort. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 2366.   | 2.6 | 1         |
| 53 | Male microchimerism in females: a quantitative study of twin pedigrees to investigate mechanisms. <i>Human Reproduction</i> , 2021, 36, 2529-2537.   | 0.9 | 1         |
| 54 | Genetic and environmental contributions to stability and change in social inhibition across the adolescent and adult life span.. <i>Developmental Psychology</i> , 2022, 58, 1585-1599.  | 1.6 | 0         |