

# Catharina E M Van Beijsterveldt

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

80  
papers

2,720  
citations

24  
h-index

50  
g-index

82  
ext. papers

3,490  
ext. citations

6  
avg. IF

4.6  
L-index

| #  | Paper   | IF   | Citations |
|----|---|------|-----------|
| 80 | DNA methylation in peripheral tissues and left-handedness.. <i>Scientific Reports</i> , <b>2022</b> , 12, 5606  | 4.9  | 0         |
| 79 | Parental Age in Relation to Offspring's Neurodevelopment. <i>Journal of Clinical Child and Adolescent Psychology</i> , <b>2021</b> , 50, 632-644  | 5.4  | 5         |
| 78 | Teacher-rated aggression and co-occurring behaviors and emotional problems among schoolchildren in four population-based European cohorts. <i>PLoS ONE</i> , <b>2021</b> , 16, e0238667   | 3.7  | 1         |
| 77 | Genetic factors explain a significant part of associations between adolescent well-being and the social environment. <i>European Child and Adolescent Psychiatry</i> , <b>2021</b> , 1  | 5.5  | 0         |
| 76 | 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> , <b>2021</b> , 11, e02188                        | 3.4  | 4         |
| 75 | Predicting Complex Traits and Exposures From Polygenic Scores and Blood and Buccal DNA Methylation Profiles. <i>Frontiers in Psychiatry</i> , <b>2021</b> , 12, 688464  | 5    | 4         |
| 74 | 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> , <b>2021</b> , 62, 28-39                             | 7.9  | 4         |
| 73 | Early-life antibiotic use and risk of attention-deficit hyperactivity disorder and autism spectrum disorder: results of a discordant twin study. <i>International Journal of Epidemiology</i> , <b>2021</b> , 50, 475-484                                     | 7.8  | 8         |
| 72 | Multilevel Twin Models: Geographical Region as a Third Level Variable. <i>Behavior Genetics</i> , <b>2021</b> , 51, 319-330   | 3.0  | 1         |
| 71 | Identical twins carry a persistent epigenetic signature of early genome programming. <i>Nature Communications</i> , <b>2021</b> , 12, 5618  | 17.4 | 6         |
| 70 | Genetic and environmental influences on human height from infancy through adulthood at different levels of parental education. <i>Scientific Reports</i> , <b>2020</b> , 10, 7974   | 4.9  | 6         |
| 69 | The (Broad-Sense) Genetic Correlations Among Four Measures of Inattention and Hyperactivity in 12 Year Olds. <i>Behavior Genetics</i> , <b>2020</b> , 50, 273-288   | 3.2  | 3         |
| 68 | Content, diagnostic, correlational, and genetic similarities between common measures of childhood aggressive behaviors and related psychiatric traits. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , <b>2020</b> , 61, 1328-1338 | 7.9  | 3         |
| 67 | 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> , <b>2020</b> , 61, 807-817       | 7.9  | 8         |
| 66 | Urinary Amine and Organic Acid Metabolites Evaluated as Markers for Childhood Aggression: The ACTION Biomarker Study. <i>Frontiers in Psychiatry</i> , <b>2020</b> , 11, 165  | 5    | 6         |
| 65 | Novel loci for childhood body mass index and shared heritability with adult cardiometabolic traits. <i>PLoS Genetics</i> , <b>2020</b> , 16, e1008718   | 6    | 25        |
| 64 | Genetic and environmental variation in educational attainment: an individual-based analysis of 28 twin cohorts. <i>Scientific Reports</i> , <b>2020</b> , 10, 12681   | 4.9  | 19        |

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| 63 | Comparing the genetic architecture of childhood behavioral problems across socioeconomic strata in the Netherlands and the United Kingdom. <i>European Child and Adolescent Psychiatry</i> , <b>2020</b> , 29, 353-362 | 5.5  | 5   |
| 62 | Genetic and Environmental Influences on Different Forms of Bullying Perpetration, Bullying Victimization, and Their Co-occurrence. <i>Behavior Genetics</i> , <b>2019</b> , 49, 432-443                                | 3.2  | 9   |
| 61 | The moderating role of SES on genetic differences in educational achievement in the Netherlands. <i>Npj Science of Learning</i> , <b>2019</b> , 4, 13  | 6    | 8   |
| 60 | Pre- and Perinatal Characteristics Associated with Apgar Scores in a Review and in a New Study of Dutch Twins. <i>Twin Research and Human Genetics</i> , <b>2019</b> , 22, 164-176                                     | 2.2  | 5   |
| 59 | Maternal and fetal genetic effects on birth weight and their relevance to cardio-metabolic risk factors. <i>Nature Genetics</i> , <b>2019</b> , 51, 804-814  | 36.3 | 181 |
| 58 | Testing Bidirectional Associations Between Childhood Aggression and BMI: Results from Three Cohorts. <i>Obesity</i> , <b>2019</b> , 27, 822-829  | 8    | 2   |
| 57 | Parental Education and Genetics of BMI from Infancy to Old Age: A Pooled Analysis of 29 Twin Cohorts. <i>Obesity</i> , <b>2019</b> , 27, 855-865   | 8    | 11  |
| 56 | Association Between rs1051730 and Smoking During Pregnancy in Dutch Women. <i>Nicotine and Tobacco Research</i> , <b>2019</b> , 21, 835-840  | 4.9  | 2   |
| 55 | The CODATwins Project: The Current Status and Recent Findings of Collaborative Project of Development of Anthropometrical Measures in Twins. <i>Twin Research and Human Genetics</i> , <b>2019</b> , 22, 800-808       | 3.2  | 14  |
| 54 | Data Integration Methods for Phenotype Harmonization in Multi-Cohort Genome-Wide Association Studies With Behavioral Outcomes. <i>Frontiers in Genetics</i> , <b>2019</b> , 10, 1227                                   | 4.5  | 4   |
| 53 | DNA Methylation Signatures of Breastfeeding in Buccal Cells Collected in Mid-Childhood. <i>Nutrients</i> , <b>2019</b> , 11,   | 6.7  | 9   |
| 52 | The Netherlands Twin Register: Longitudinal Research Based on Twin and Twin-Family Designs. <i>Twin Research and Human Genetics</i> , <b>2019</b> , 22, 623-636  | 2.2  | 53  |
| 51 | Birth size and gestational age in opposite-sex twins as compared to same-sex twins: An individual-based pooled analysis of 21 cohorts. <i>Scientific Reports</i> , <b>2018</b> , 8, 6300                               | 4.9  | 16  |
| 50 | Genetic and Environmental Influences on Self-Control: Assessing Self-Control with the ASEBA Self-Control Scale. <i>Behavior Genetics</i> , <b>2018</b> , 48, 135-146   | 3.2  | 23  |
| 49 | Circulating metabolites and general cognitive ability and dementia: Evidence from 11 cohort studies. <i>Alzheimers and Dementia</i> , <b>2018</b> , 14, 707-722  | 1.2  | 76  |
| 48 | Genetic and environmental influences on conduct and antisocial personality problems in childhood, adolescence, and adulthood. <i>European Child and Adolescent Psychiatry</i> , <b>2018</b> , 27, 1123-1132            | 5.5  | 16  |
| 47 | Unraveling the Genetic and Environmental Relationship Between Well-Being and Depressive Symptoms Throughout the Lifespan. <i>Frontiers in Psychiatry</i> , <b>2018</b> , 9, 261  | 5    | 16  |
| 46 | Genome-wide association and HLA fine-mapping studies identify risk loci and genetic pathways underlying allergic rhinitis. <i>Nature Genetics</i> , <b>2018</b> , 50, 1072-1080  | 36.3 | 52  |

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| 45 | Genome-wide analysis of DNA methylation in buccal cells: a study of monozygotic twins and mQTLs. <i>Epigenetics and Chromatin</i> , <b>2018</b> , 11, 54   | 5.8  | 23 |
| 44 | Genetic and environmental factors affecting birth size variation: a pooled individual-based analysis of secular trends and global geographical differences using 26 twin cohorts. <i>International Journal of Epidemiology</i> , <b>2018</b> , 47, 1195-1206 | 7.8  | 12 |
| 43 | Triplets, birthweight, and handedness. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 6076-6081   | 11.5 | 10 |
| 42 | Genome-wide association analysis links multiple psychiatric liability genes to oscillatory brain activity. <i>Human Brain Mapping</i> , <b>2018</b> , 39, 4183-4195  | 5.9  | 33 |
| 41 | Psychopathology in 7-year-old children: Differences in maternal and paternal ratings and the genetic epidemiology. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , <b>2017</b> , 174, 251-260                                | 3.5  | 12 |
| 40 | Attention Deficit Hyperactivity Disorder Symptoms and Low Educational Achievement: Evidence Supporting A Causal Hypothesis. <i>Behavior Genetics</i> , <b>2017</b> , 47, 278-289   | 3.2  | 15 |
| 39 | Bullying and Victimization: The Effect of Close Companionship. <i>Twin Research and Human Genetics</i> , <b>2017</b> , 20, 19-27   | 2.2  | 5  |
| 38 | Prevalence of dieting and fear of weight gain across ages: a community sample from adolescents to the elderly. <i>International Journal of Public Health</i> , <b>2017</b> , 62, 911-919   | 4    | 34 |
| 37 | The etiology of autistic traits in preschoolers: a population-based twin study. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , <b>2017</b> , 58, 893-901   | 7.9  | 13 |
| 36 | Education in Twins and Their Parents Across Birth Cohorts Over 100 years: An Individual-Level Pooled Analysis of 42-Twin Cohorts. <i>Twin Research and Human Genetics</i> , <b>2017</b> , 20, 395-405  | 2.2  | 6  |
| 35 | Differences in genetic and environmental variation in adult BMI by sex, age, time period, and region: an individual-based pooled analysis of 40 twin cohorts. <i>American Journal of Clinical Nutrition</i> , <b>2017</b> , 106, 457-466                     | 7    | 69 |
| 34 | Heritability of Behavioral Problems in 7-Year Olds Based on Shared and Unique Aspects of Parental Views. <i>Behavior Genetics</i> , <b>2017</b> , 47, 152-163  | 3.2  | 9  |
| 33 | The effects of parental education on exercise behavior in childhood and youth: a study in Dutch and Finnish twins. <i>Scandinavian Journal of Medicine and Science in Sports</i> , <b>2017</b> , 27, 1143-1156   | 4.6  | 15 |
| 32 | Individual Differences in Exercise Behavior: Stability and Change in Genetic and Environmental Determinants From Age 7 to 18. <i>Behavior Genetics</i> , <b>2016</b> , 46, 665-679   | 3.2  | 21 |
| 31 | The genetic architecture of body mass index from infancy to adulthood modified by parental education. <i>Obesity</i> , <b>2016</b> , 24, 2004-11   | 8    | 15 |
| 30 | Testing Causal Effects of Maternal Smoking During Pregnancy on Offspring's Externalizing and Internalizing Behavior. <i>Behavior Genetics</i> , <b>2016</b> , 46, 378-88   | 3.2  | 36 |
| 29 | Chorionicity and Heritability Estimates from Twin Studies: The Prenatal Environment of Twins and Their Resemblance Across a Large Number of Traits. <i>Behavior Genetics</i> , <b>2016</b> , 46, 304-14  | 3.2  | 21 |
| 28 | Longitudinal heritability of childhood aggression. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , <b>2016</b> , 171, 697-707  | 3.5  | 68 |

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| 27 | Genome-wide associations for birth weight and correlations with adult disease. <i>Nature</i> , <b>2016</b> , 538, 248-252.4  | 266      |
| 26 | Cost-effectiveness of embryo transfer strategies: a decision analytic model using long-term costs and consequences of singletons and multiples born as a consequence of IVF. <i>Human Reproduction</i> , <b>2016</b> , 31, 2527-2540                       | 5.7 7    |
| 25 | Stability in symptoms of anxiety and depression as a function of genotype and environment: a longitudinal twin study from ages 3 to 63 years. <i>Psychological Medicine</i> , <b>2015</b> , 45, 1039-49  | 6.9 100  |
| 24 | Hospital costs during the first 5 years of life for multiples compared with singletons born after IVF or ICSI. <i>Human Reproduction</i> , <b>2015</b> , 30, 1481-90   | 5.7 12   |
| 23 | Smoking During Adolescence as a Risk Factor for Attention Problems. <i>Biological Psychiatry</i> , <b>2015</b> , 78, 656-63  | 7.9 37   |
| 22 | Fetal Environment Is a Major Determinant of the Neonatal Blood Thyroxine Level: Results of a Large Dutch Twin Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2015</b> , 100, 2388-95  | 5.6 4    |
| 21 | Can GE-Covariance Originating in Phenotype to Environment Transmission Account for the Flynn Effect?. <i>Journal of Intelligence</i> , <b>2014</b> , 2, 82-105   | 2.4 10   |
| 20 | The dopaminergic reward system and leisure time exercise behavior: a candidate allele study. <i>BioMed Research International</i> , <b>2014</b> , 2014, 591717   | 3 13     |
| 19 | A comparison of perinatal outcomes in singletons and multiples born after in vitro fertilization or intracytoplasmic sperm injection stratified for neonatal risk criteria. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , <b>2014</b> , 93, 277-86 | 3.8 18   |
| 18 | Polygenic scores associated with educational attainment in adults predict educational achievement and ADHD symptoms in children. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , <b>2014</b> , 165B, 510-20                | 3.5 34   |
| 17 | The Young Netherlands Twin Register (YNTR): longitudinal twin and family studies in over 70,000 children. <i>Twin Research and Human Genetics</i> , <b>2013</b> , 16, 252-67   | 2.2 141  |
| 16 | A prospective study of the effects of breastfeeding and FADS2 polymorphisms on cognition and hyperactivity/attention problems. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , <b>2013</b> , 162B, 457-65                  | 3.5 22   |
| 15 | Maternal prenatal smoking and offspring emotional problems: no moderating effect of maternal or child 5-HTTLPR genotype. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , <b>2012</b> , 159B, 1009-12                       | 3.5 2    |
| 14 | Effects of chorionicity and zygosity on triplet birth weight. <i>Twin Research and Human Genetics</i> , <b>2012</b> , 15, 149-57   | 2.2 5    |
| 13 | Comparison of naturally conceived and IVF-DZ twins in the Netherlands Twin Registry: a developmental study. <i>Journal of Pregnancy</i> , <b>2011</b> , 2011, 517614   | 2.5 10   |
| 12 | A twin-singleton comparison of developmental trajectories of externalizing and internalizing problems in 6- to 12-year-old children. <i>Twin Research and Human Genetics</i> , <b>2010</b> , 13, 79-87   | 2.2 39   |
| 11 | Genetics of parentally reported asthma, eczema and rhinitis in 5-yr-old twins. <i>European Respiratory Journal</i> , <b>2007</b> , 29, 516-21  | 13.6 103 |
| 10 | Young Netherlands Twin Register (Y-NTR): a longitudinal multiple informant study of problem behavior. <i>Twin Research and Human Genetics</i> , <b>2007</b> , 10, 3-11   | 2.2 98   |

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| 9 | Genetic and environmental influences on cross-gender behavior and relation to behavior problems: a study of Dutch twins at ages 7 and 10 years. <i>Archives of Sexual Behavior</i> , <b>2006</b> , 35, 647-58  | 3.5 | 135 |
| 8 | A Comparison of Twin Birthweight Data From Australia, the Netherlands, the United States, Japan, and South Korea: Are Genetic and Environmental Variations in Birthweight Similar in Caucasians and East Asians?. <i>Twin Research and Human Genetics</i> , <b>2005</b> , 8, 638-648 | 2.2 | 23  |
| 7 | Causes of stability of aggression from early childhood to adolescence: a longitudinal genetic analysis in Dutch twins. <i>Behavior Genetics</i> , <b>2003</b> , 33, 591-605  | 3.2 | 126 |
| 6 | Individual differences in aggression: genetic analyses by age, gender, and informant in 3-, 7-, and 10-year-old Dutch twins. <i>Behavior Genetics</i> , <b>2003</b> , 33, 575-89   | 3.2 | 107 |
| 5 | Heritability of attention problems in children: I. cross-sectional results from a study of twins, age 3-12 years. <i>American Journal of Medical Genetics Part A</i> , <b>2003</b> , 117B, 102-13  |     | 98  |
| 4 | Twin and family studies of the human electroencephalogram: a review and a meta-analysis. <i>Biological Psychology</i> , <b>2002</b> , 61, 111-38   | 3.2 | 241 |
| 3 | Genetic correlation between the P300 event-related brain potential and the EEG power spectrum. <i>Behavior Genetics</i> , <b>2001</b> , 31, 545-54   | 3.2 | 39  |
| 2 | A genome-wide association study of total child psychiatric problems scores   |     | 2   |
| 1 | Multilevel Twin Models: Geographical Region as a Third Level Variable  |     | 1   |