

# Catharina E M Van Beijsterveldt

## List of Publications by Year in descending order

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Version: 2024-02-01

78  
papers

4,171  
citations

172207

29  
h-index

128067

60  
g-index

82  
all docs

82  
docs citations

82  
times ranked

7075  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome-wide associations for birth weight and correlations with adult disease. <i>Nature</i> , 2016, 538, 248-252.	13.7	406
2	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
3	Twin and family studies of the human electroencephalogram: a review and a meta-analysis. <i>Biological Psychology</i> , 2002, 61, 111-138.	1.1	279
4	The Young Netherlands Twin Register (YNTR): Longitudinal Twin and Family Studies in Over 70,000 Children. <i>Twin Research and Human Genetics</i> , 2013, 16, 252-267.	0.3	164
5	Causes of stability of aggression from early childhood to adolescence: a longitudinal genetic analysis in Dutch twins. <i>Behavior Genetics</i> , 2003, 33, 591-605.	1.4	156
6	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> , 2006, 35, 647-658.	1.2	155
7	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> , 2015, 45, 1039-1049.	2.7	154
8	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
9	Individual differences in aggression: genetic analyses by age, gender, and informant in 3-, 7-, and 10-year-old Dutch twins. <i>Behavior Genetics</i> , 2003, 33, 575-589.	1.4	124
10	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> , 2003, 117B, 102-113.	2.4	122
11	Genetics of parentally reported asthma, eczema and rhinitis in 5-yr-old twins. <i>European Respiratory Journal</i> , 2007, 29, 516-521.	3.1	116
12	Young Netherlands Twin Register (YNTR): A Longitudinal Multiple Informant Study of Problem Behavior. <i>Twin Research and Human Genetics</i> , 2007, 10, 3-11.	0.3	113
13	The Netherlands Twin Register: Longitudinal Research Based on Twin and Twin-Family Designs. <i>Twin Research and Human Genetics</i> , 2019, 22, 623-636.	0.3	112
14	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> , 2017, 106, 457-466.	2.2	107
15	Genome-wide association and HLA fine-mapping studies identify risk loci and genetic pathways underlying allergic rhinitis. <i>Nature Genetics</i> , 2018, 50, 1072-1080.	9.4	106
16	Novel loci for childhood body mass index and shared heritability with adult cardiometabolic traits. <i>PLoS Genetics</i> , 2020, 16, e1008718.	1.5	95
17	Longitudinal heritability of childhood aggression. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2016, 171, 697-707.	1.1	82
18	Genetic and Environmental Influences on Different Forms of Bullying Perpetration, Bullying Victimization, and Their Co-occurrence. <i>Behavior Genetics</i> , 2019, 49, 432-443.	1.4	66

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19	Genetic and environmental variation in educational attainment: an individual-based analysis of 28 twin cohorts. <i>Scientific Reports</i> , 2020, 10, 12681.	1.6	59
20	Smoking During Adolescence as a Risk Factor for Attention Problems. <i>Biological Psychiatry</i> , 2015, 78, 656-663.	0.7	52
21	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> , 2017, 62, 911-919.	1.0	52
22	Genetic correlation between the P300 event-related brain potential and the EEG power spectrum. <i>Behavior Genetics</i> , 2001, 31, 545-554.	1.4	50
23	Genome-wide association analysis links multiple psychiatric liability genes to oscillatory brain activity. <i>Human Brain Mapping</i> , 2018, 39, 4183-4195.	1.9	50
24	Testing Causal Effects of Maternal Smoking During Pregnancy on Offspring's Externalizing and Internalizing Behavior. <i>Behavior Genetics</i> , 2016, 46, 378-388.	1.4	44
25	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> , 2010, 13, 79-87.	0.3	43
26	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> , 2014, 165, 510-520.	1.1	40
27	Genome-wide analysis of DNA methylation in buccal cells: a study of monozygotic twins and mQTLs. <i>Epigenetics and Chromatin</i> , 2018, 11, 54.	1.8	39
28	Genetic and Environmental Influences on Self-Control: Assessing Self-Control with the ASEBA Self-Control Scale. <i>Behavior Genetics</i> , 2018, 48, 135-146.	1.4	33
29	Genetic and environmental influences on conduct and antisocial personality problems in childhood, adolescence, and adulthood. <i>European Child and Adolescent Psychiatry</i> , 2018, 27, 1123-1132.	2.8	32
30	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> , 2017, 27, 1143-1156.	1.3	31
31	Individual Differences in Exercise Behavior: Stability and Change in Genetic and Environmental Determinants From Age 7 to 18. <i>Behavior Genetics</i> , 2016, 46, 665-679.	1.4	30
32	Unraveling the Genetic and Environmental Relationship Between Well-Being and Depressive Symptoms Throughout the Lifespan. <i>Frontiers in Psychiatry</i> , 2018, 9, 261.	1.3	29
33	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> , 2016, 46, 304-314.	1.4	28
34	Parental Education and Genetics of BMI from Infancy to Old Age: A Pooled Analysis of 29 Twin Cohorts. <i>Obesity</i> , 2019, 27, 855-865.	1.5	27
35	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> , 2013, 162, 457-465.	1.1	26
36	Attention Deficit Hyperactivity Disorder Symptoms and Low Educational Achievement: Evidence Supporting A Causal Hypothesis. <i>Behavior Genetics</i> , 2017, 47, 278-289.	1.4	26

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37	Identical twins carry a persistent epigenetic signature of early genome programming. <i>Nature Communications</i> , 2021, 12, 5618.	5.8	26
38	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> , 2005, 8, 638-648.	0.3	25
39	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> , 2017, 174, 251-260.	1.1	24
40	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> , 2014, 93, 277-286.	1.3	22
41	Hospital costs during the first 5 years of life for multiples compared with singletons born after IVF or ICSI. <i>Human Reproduction</i> , 2015, 30, 1481-1490.	0.4	22
42	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> , 2018, 8, 6300.	1.6	21
43	The Dopaminergic Reward System and Leisure Time Exercise Behavior: A Candidate Allele Study. <i>BioMed Research International</i> , 2014, 2014, 1-9.	0.9	20
44	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> , 2021, 50, 475-484.	0.9	20
45	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> , 2018, 47, 1195-1206.	0.9	19
46	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> , 2019, 22, 800-808.	0.3	19
47	The moderating role of SES on genetic differences in educational achievement in the Netherlands. <i>Npj Science of Learning</i> , 2019, 4, 13.	1.5	19
48	Urinary Amine and Organic Acid Metabolites Evaluated as Markers for Childhood Aggression: The ACTION Biomarker Study. <i>Frontiers in Psychiatry</i> , 2020, 11, 165.	1.3	19
49	The genetic architecture of body mass index from infancy to adulthood modified by parental education. <i>Obesity</i> , 2016, 24, 2004-2011.	1.5	18
50	DNA Methylation Signatures of Breastfeeding in Buccal Cells Collected in Mid-Childhood. <i>Nutrients</i> , 2019, 11, 2804.	1.7	18
51	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.	1.0	18
52	The etiology of autistic traits in preschoolers: a population-based twin study. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2017, 58, 893-901.	3.1	17
53	Triplets, birthweight, and handedness. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 6076-6081.	3.3	17
54	Genetic and environmental influences on human height from infancy through adulthood at different levels of parental education. <i>Scientific Reports</i> , 2020, 10, 7974.	1.6	17

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55	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.	3.1	16
56	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.	3.1	15
57	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> , 2016, 31, 2527-2540.	0.4	14
58	Predicting Complex Traits and Exposures From Polygenic Scores and Blood and Buccal DNA Methylation Profiles. <i>Frontiers in Psychiatry</i> , 2021, 12, 688464.	1.3	14
59	Can GE-Covariance Originating in Phenotype to Environment Transmission Account for the Flynn Effect?. <i>Journal of Intelligence</i> , 2014, 2, 82-105.	1.3	13
60	DNA methylation in peripheral tissues and left-handedness. <i>Scientific Reports</i> , 2022, 12, 5606.	1.6	12
61	Comparison of Naturally Conceived and IVF-DZ Twins in the Netherlands Twin Registry: A Developmental Study. <i>Journal of Pregnancy</i> , 2011, 2011, 1-9.	1.1	11
62	Testing Bidirectional Associations Between Childhood Aggression and BMI: Results from Three Cohorts. <i>Obesity</i> , 2019, 27, 822-829.	1.5	11
63	Heritability of Behavioral Problems in 7-Year Olds Based on Shared and Unique Aspects of Parental Views. <i>Behavior Genetics</i> , 2017, 47, 152-163.	1.4	10
64	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> , 2020, 29, 353-362.	2.8	10
65	Parental Age in Relation to Offspring's Neurodevelopment. <i>Journal of Clinical Child and Adolescent Psychology</i> , 2021, 50, 632-644.	2.2	9
66	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> , 2017, 20, 395-405.	0.3	8
67	Effects of Chorionicity and Zygosity on Triplet Birth Weight. <i>Twin Research and Human Genetics</i> , 2012, 15, 149-157.	0.3	7
68	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> , 2019, 22, 164-176.	0.3	7
69	Data Integration Methods for Phenotype Harmonization in Multi-Cohort Genome-Wide Association Studies With Behavioral Outcomes. <i>Frontiers in Genetics</i> , 2019, 10, 1227.	1.1	7
70	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> , 2020, 61, 1328-1338.	3.1	7
71	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.	1.1	7
72	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> , 2015, 100, 2388-2395.	1.8	6

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73	Multilevel Twin Models: Geographical Region as a Third Level Variable. Behavior Genetics, 2021, 51, 319-330.	1.4	6
74	Bullying and Victimization: The Effect of Close Companionship. Twin Research and Human Genetics, 2017, 20, 19-27.	0.3	5
75	The (Broad-Sense) Genetic Correlations Among Four Measures of Inattention and Hyperactivity in 12 Year Olds. Behavior Genetics, 2020, 50, 273-288.	1.4	4
76	Genetic factors explain a significant part of associations between adolescent well-being and the social environment. European Child and Adolescent Psychiatry, 2022, 31, 1611-1622.	2.8	3
77	Maternal prenatal smoking and offspring emotional problems: No moderating effect of maternal or child 5-HTTLPR genotype. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2012, 159B, 1009-1012.	1.1	2
78	Association Between rs1051730 and Smoking During Pregnancy in Dutch Women. Nicotine and Tobacco Research, 2019, 21, 835-840.	1.4	2