

Catharina E M Van Beijsterveldt

List of Publications by Citations

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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	Genome-wide associations for birth weight and correlations with adult disease. <i>Nature</i> , 2016 , 538, 248-252.	52.4	266
79	Twin and family studies of the human electroencephalogram: a review and a meta-analysis. <i>Biological Psychology</i> , 2002 , 61, 111-38	3.2	241
78	Maternal and fetal genetic effects on birth weight and their relevance to cardio-metabolic risk factors. <i>Nature Genetics</i> , 2019 , 51, 804-814	36.3	181
77	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, 252-67	2.2	141
76	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, 647-58	3.5	135
75	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	3.2	126
74	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, 575-89	3.2	107
73	Genetics of parentally reported asthma, eczema and rhinitis in 5-yr-old twins. <i>European Respiratory Journal</i> , 2007 , 29, 516-21	13.6	103
72	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, 1039-49	6.9	100
71	Young Netherlands Twin Register (Y-NTR): a longitudinal multiple informant study of problem behavior. <i>Twin Research and Human Genetics</i> , 2007 , 10, 3-11	2.2	98
70	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, 102-13		98
69	Circulating metabolites and general cognitive ability and dementia: Evidence from 11 cohort studies. <i>Alzheimers and Dementia</i> , 2018 , 14, 707-722	1.2	76
68	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	7	69
67	Longitudinal heritability of childhood aggression. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2016 , 171, 697-707	3.5	68
66	The Netherlands Twin Register: Longitudinal Research Based on Twin and Twin-Family Designs. <i>Twin Research and Human Genetics</i> , 2019 , 22, 623-636	2.2	53
65	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	36.3	52
64	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	2.2	39

63	Genetic correlation between the P300 event-related brain potential and the EEG power spectrum. <i>Behavior Genetics</i> , 2001 , 31, 545-54	3.2	39
62	Smoking During Adolescence as a Risk Factor for Attention Problems. <i>Biological Psychiatry</i> , 2015 , 78, 656-63	7.9	37
61	Testing Causal Effects of Maternal Smoking During Pregnancy on Offspring's Externalizing and Internalizing Behavior. <i>Behavior Genetics</i> , 2016 , 46, 378-88	3.2	36
60	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	4	34
59	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 , 165B, 510-20	3.5	34
58	Genome-wide association analysis links multiple psychiatric liability genes to oscillatory brain activity. <i>Human Brain Mapping</i> , 2018 , 39, 4183-4195	5.9	33
57	Novel loci for childhood body mass index and shared heritability with adult cardiometabolic traits. <i>PLoS Genetics</i> , 2020 , 16, e1008718	6	25
56	Genetic and Environmental Influences on Self-Control: Assessing Self-Control with the ASEBA Self-Control Scale. <i>Behavior Genetics</i> , 2018 , 48, 135-146	3.2	23
55	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	2.2	23
54	Genome-wide analysis of DNA methylation in buccal cells: a study of monozygotic twins and mQTLs. <i>Epigenetics and Chromatin</i> , 2018 , 11, 54	5.8	23
53	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 , 162B, 457-65	3.5	22
52	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	3.2	21
51	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, 304-14	3.2	21
50	Genetic and environmental variation in educational attainment: an individual-based analysis of 28 twin cohorts. <i>Scientific Reports</i> , 2020 , 10, 12681	4.9	19
49	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, 277-86	3.8	18
48	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	4.9	16
47	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	5.5	16
46	Unraveling the Genetic and Environmental Relationship Between Well-Being and Depressive Symptoms Throughout the Lifespan. <i>Frontiers in Psychiatry</i> , 2018 , 9, 261	5	16

45	Attention Deficit Hyperactivity Disorder Symptoms and Low Educational Achievement: Evidence Supporting A Causal Hypothesis. <i>Behavior Genetics</i> , 2017 , 47, 278-289	3.2	15
44	The genetic architecture of body mass index from infancy to adulthood modified by parental education. <i>Obesity</i> , 2016 , 24, 2004-11	8	15
43	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	4.6	15
42	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	2.3	14
41	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	7.9	13
40	The dopaminergic reward system and leisure time exercise behavior: a candidate allele study. <i>BioMed Research International</i> , 2014 , 2014, 591717	3	13
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	3.5	12
38	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, 1481-90	5.7	12
37	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	7.8	12
36	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	8	11
35	Can GE-Covariance Originating in Phenotype to Environment Transmission Account for the Flynn Effect?. <i>Journal of Intelligence</i> , 2014 , 2, 82-105	2.4	10
34	Comparison of naturally conceived and IVF-DZ twins in the Netherlands Twin Registry: a developmental study. <i>Journal of Pregnancy</i> , 2011 , 2011, 517614	2.5	10
33	Triplets, birthweight, and handedness. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 6076-6081	11.5	10
32	Genetic and Environmental Influences on Different Forms of Bullying Perpetration, Bullying Victimization, and Their Co-occurrence. <i>Behavior Genetics</i> , 2019 , 49, 432-443	3.2	9
31	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	3.2	9
30	DNA Methylation Signatures of Breastfeeding in Buccal Cells Collected in Mid-Childhood. <i>Nutrients</i> , 2019 , 11,	6.7	9
29	The moderating role of SES on genetic differences in educational achievement in the Netherlands. <i>Npj Science of Learning</i> , 2019 , 4, 13	6	8
28	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	7.9	8

27	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	7.8	8
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> , 2016 , 31, 2527-2540	5.7	7
25	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	2.2	6
24	Genetic and environmental influences on human height from infancy through adulthood at different levels of parental education. <i>Scientific Reports</i> , 2020 , 10, 7974	4.9	6
23	Urinary Amine and Organic Acid Metabolites Evaluated as Markers for Childhood Aggression: The ACTION Biomarker Study. <i>Frontiers in Psychiatry</i> , 2020 , 11, 165	5	6
22	Identical twins carry a persistent epigenetic signature of early genome programming. <i>Nature Communications</i> , 2021 , 12, 5618	17.4	6
21	Bullying and Victimization: The Effect of Close Companionship. <i>Twin Research and Human Genetics</i> , 2017 , 20, 19-27	2.2	5
20	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	2.2	5
19	Parental Age in Relation to Offspring's Neurodevelopment. <i>Journal of Clinical Child and Adolescent Psychology</i> , 2021 , 50, 632-644	5.4	5
18	Effects of chorionicity and zygosity on triplet birth weight. <i>Twin Research and Human Genetics</i> , 2012 , 15, 149-57	2.2	5
17	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	5.5	5
16	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, 2388-95	5.6	4
15	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	3.4	4
14	Predicting Complex Traits and Exposures From Polygenic Scores and Blood and Buccal DNA Methylation Profiles. <i>Frontiers in Psychiatry</i> , 2021 , 12, 688464	5	4
13	Data Integration Methods for Phenotype Harmonization in Multi-Cohort Genome-Wide Association Studies With Behavioral Outcomes. <i>Frontiers in Genetics</i> , 2019 , 10, 1227	4.5	4
12	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	7.9	4
11	The (Broad-Sense) Genetic Correlations Among Four Measures of Inattention and Hyperactivity in 12 Year Olds. <i>Behavior Genetics</i> , 2020 , 50, 273-288	3.2	3
10	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	7.9	3

9	Testing Bidirectional Associations Between Childhood Aggression and BMI: Results from Three Cohorts. <i>Obesity</i> , 2019 , 27, 822-829	8	2
8	Association Between rs1051730 and Smoking During Pregnancy in Dutch Women. <i>Nicotine and Tobacco Research</i> , 2019 , 21, 835-840	4.9	2
7	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> , 2012 , 159B, 1009-12	3.5	2
6	A genome-wide association study of total child psychiatric problems scores		2
5	Multilevel Twin Models: Geographical Region as a Third Level Variable		1
4	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	3.7	1
3	Multilevel Twin Models: Geographical Region as a Third Level Variable. <i>Behavior Genetics</i> , 2021 , 51, 319-330	3.1	1
2	Genetic factors explain a significant part of associations between adolescent well-being and the social environment. <i>European Child and Adolescent Psychiatry</i> , 2021 , 1	5.5	0
1	DNA methylation in peripheral tissues and left-handedness.. <i>Scientific Reports</i> , 2022 , 12, 5606	4.9	0