

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

279701

23
h-index

182361

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.	9.4	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.	9.4	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.	3.9	341
4	Genomic and phenotypic insights from an atlas of genetic effects on DNA methylation. <i>Nature Genetics</i> , 2021, 53, 1311-1321.	9.4	218
5	Genetic architecture of subcortical brain structures in 38,851 individuals. <i>Nature Genetics</i> , 2019, 51, 1624-1636.	9.4	192
6	Investigating the genetic architecture of noncognitive skills using GWAS-by-subtraction. <i>Nature Genetics</i> , 2021, 53, 35-44.	9.4	145
7	Within-sibship genome-wide association analyses decrease bias in estimates of direct genetic effects. <i>Nature Genetics</i> , 2022, 54, 581-592.	9.4	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.	9.4	135
9	Sex-dimorphic genetic effects and novel loci for fasting glucose and insulin variability. <i>Nature Communications</i> , 2021, 12, 24.	5.8	87
10	Expanding the genetic architecture of nicotine dependence and its shared genetics with multiple traits. <i>Nature Communications</i> , 2020, 11, 5562.	5.8	80
11	Genome-wide association study identifies 48 common genetic variants associated with handedness. <i>Nature Human Behaviour</i> , 2021, 5, 59-70.	6.2	79
12	Genetic variants associated with longitudinal changes in brain structure across the lifespan. <i>Nature Neuroscience</i> , 2022, 25, 421-432.	7.1	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.	1.4	66
14	Heritability estimates for 361 blood metabolites across 40 genome-wide association studies. <i>Nature Communications</i> , 2020, 11, 39.	5.8	64
15	Genome-wide association study of panic disorder reveals genetic overlap with neuroticism and depression. <i>Molecular Psychiatry</i> , 2021, 26, 4179-4190.	4.1	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.	2.1	49
17	Large-scale plasma metabolome analysis reveals alterations in HDL metabolism in migraine. <i>Neurology</i> , 2019, 92, e1899-e1911.	1.5	42
18	An Extended Twin-Pedigree Study of Neuroticism in the Netherlands Twin Register. <i>Behavior Genetics</i> , 2018, 48, 1-11.	1.4	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.	4.1	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.	2.4	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.	3.1	32
22	Obesity and atypical depression symptoms: findings from Mendelian randomization in two European cohorts. <i>Translational Psychiatry</i> , 2021, 11, 96.	2.4	31
23	Genetic association study of childhood aggression across raters, instruments, and age. <i>Translational Psychiatry</i> , 2021, 11, 413.	2.4	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.	1.4	29
25	Age-of-onset information helps identify 76 genetic variants associated with allergic disease. <i>PLoS Genetics</i> , 2020, 16, e1008725.	1.5	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.	4.1	26
27	Identical twins carry a persistent epigenetic signature of early genome programming. <i>Nature Communications</i> , 2021, 12, 5618.	5.8	26
28	Genome-wide association meta-analysis of age at first cannabis use. <i>Addiction</i> , 2018, 113, 2073-2086.	1.7	24
29	1q21.1 distal copy number variants are associated with cerebral and cognitive alterations in humans. <i>Translational Psychiatry</i> , 2021, 11, 182.	2.4	24
30	Predicting Loneliness from Where and What People Do. <i>Social Sciences</i> , 2020, 9, 51.	0.7	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.	4.1	21
32	Parental Age and Offspring Childhood Mental Health: A Multi-Cohort, Population-Based Investigation. <i>Child Development</i> , 2020, 91, 964-982.	1.7	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.	1.0	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.	1.6	17
35	DNA methylation age is associated with an altered hemostatic profile in a multiethnic meta-analysis. <i>Blood</i> , 2018, 132, 1842-1850.	0.6	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.	3.1	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.	3.1	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.	1.5	14
39	Major Depressive Disorder and Lifestyle: Correlated Genetic Effects in Extended Twin Pedigrees. <i>Genes</i> , 2021, 12, 1509.	1.0	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.	4.1	10
41	Parental Age in Relation to Offspring's Neurodevelopment. <i>Journal of Clinical Child and Adolescent Psychology</i> , 2021, 50, 632-644.	2.2	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.	1.4	8
43	Biological insights into multiple birth: genetic findings from UK Biobank. <i>European Journal of Human Genetics</i> , 2019, 27, 970-979.	1.4	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.	1.1	7
45	Heritability of Urinary Amines, Organic Acids, and Steroid Hormones in Children. <i>Metabolites</i> , 2022, 12, 474.	1.3	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.	0.3	6
47	Multilevel Twin Models: Geographical Region as a Third Level Variable. <i>Behavior Genetics</i> , 2021, 51, 319-330.	1.4	6
48	Delayed tracking and inequality of opportunity: Gene-environment interactions in educational attainment. <i>Npj Science of Learning</i> , 2022, 7, 6.	1.5	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.	2.8	5
50	Intergenerational transmission of body mass index and associations with educational attainment. <i>BMC Public Health</i> , 2022, 22, 890.	1.2	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.	1.8	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.	1.2	1
53	Male microchimerism in females: a quantitative study of twin pedigrees to investigate mechanisms. <i>Human Reproduction</i> , 2021, 36, 2529-2537.	0.4	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.	1.2	0