

Eco de Geus

List of Publications by Year in descending order

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Version: 2024-02-01

597
papers

67,569
citations

643

123
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1254

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645
all docs

645
docs citations

645
times ranked

63126
citing authors

#	ARTICLE	IF	CITATIONS
1	Greater male than female variability in regional brain structure across the lifespan. Human Brain Mapping, 2022, 43, 470-499.	3.6	76
2	Cortical thickness across the lifespan: Data from 17,075 healthy individuals aged 3â€“90â€“years. Human Brain Mapping, 2022, 43, 431-451.	3.6	143
3	Subcortical volumes across the lifespan: Data from 18,605 healthy individuals aged 3â€“90â€“years. Human Brain Mapping, 2022, 43, 452-469.	3.6	72
4	Effects of copy number variations on brain structure and risk for psychiatric illness: Large-scale studies from the ENIGMA working groups on CNVs. Human Brain Mapping, 2022, 43, 300-328.	3.6	30
5	Sex-Dependent Shared and Nonshared Genetic Architecture Across Mood and Psychotic Disorders. Biological Psychiatry, 2022, 91, 102-117.	1.3	61
6	Identifying the Common Genetic Basis of Antidepressant Response. Biological Psychiatry Global Open Science, 2022, 2, 115-126.	2.2	31
7	The Genetic and Neural Substrates of Externalizing Behavior. Biological Psychiatry Global Open Science, 2022, 2, 389-399.	2.2	8
8	Genetic Risk for Smoking: Disentangling Interplay Between Genes and Socioeconomic Status. Behavior Genetics, 2022, 52, 92-107.	2.1	15
9	Genetic and environmental influences on quality of life: The COVID-19 pandemic as a natural experiment. Genes, Brain and Behavior, 2022, 21, e12796.	2.2	10
10	The association between well-being and a large variation of accelerometer-assessed physical activity and sedentary behavior measures. Mental Health and Physical Activity, 2022, , 100446.	1.8	0
11	DNA methylation in peripheral tissues and left-handedness. Scientific Reports, 2022, 12, 5606.	3.3	12
12	Genome-wide Association Study of Liking for Several Types of Physical Activity in the UK Biobank and Two Replication Cohorts. Medicine and Science in Sports and Exercise, 2022, 54, 1252-1260.	0.4	3
13	Genetic and environmental contributions to stability and change in social inhibition across the adolescent and adult life span.. Developmental Psychology, 2022, 58, 1585-1599.	1.6	0
14	Within-sibship genome-wide association analyses decrease bias in estimates of direct genetic effects. Nature Genetics, 2022, 54, 581-592.	21.4	142
15	Large-scale GWAS of food liking reveals genetic determinants and genetic correlations with distinct neurophysiological traits. Nature Communications, 2022, 13, 2743.	12.8	22
16	Self-rated health when population health is challenged by the COVID-19 pandemic; a longitudinal study. Social Science and Medicine, 2022, 306, 115156.	3.8	7
17	The heritability of vocal tract structures estimated from structural MRI in a large cohort of Dutch twins. Human Genetics, 2022, 141, 1905-1923.	3.8	2
18	Genome-wide association study of panic disorder reveals genetic overlap with neuroticism and depression. Molecular Psychiatry, 2021, 26, 4179-4190.	7.9	58

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19	Cortical thickness and resting-state cardiac function across the lifespan: A cross-sectional pooled mega-analysis. <i>Psychophysiology</i> , 2021, 58, e13688.	2.4	33
20	Genome-wide association study identifies 48 common genetic variants associated with handedness. <i>Nature Human Behaviour</i> , 2021, 5, 59-70.	12.0	79
21	The Heritability of Type D Personality by an Extended Twin-Pedigree Analysis in the Netherlands Twin Register. <i>Behavior Genetics</i> , 2021, 51, 1-11.	2.1	2
22	A genetic perspective on the association between exercise and mental health in the era of genome-wide association studies. <i>Mental Health and Physical Activity</i> , 2021, 20, 100378.	1.8	7
23	Sex-dimorphic genetic effects and novel loci for fasting glucose and insulin variability. <i>Nature Communications</i> , 2021, 12, 24.	12.8	87
24	Mendelian Randomization Supports a Causal Effect of Depression on Cardiovascular Disease as the Main Source of Their Comorbidity. <i>Journal of the American Heart Association</i> , 2021, 10, e019861.	3.7	11
25	Large-scale association analyses identify host factors influencing human gut microbiome composition. <i>Nature Genetics</i> , 2021, 53, 156-165.	21.4	676
26	Genome-wide association study of circulating interleukin 6 levels identifies novel loci. <i>Human Molecular Genetics</i> , 2021, 30, 393-409.	2.9	32
27	Associations between the <i>CADM2</i> gene, substance use, risky sexual behavior, and self-control: A phenome-wide association study. <i>Addiction Biology</i> , 2021, 26, e13015.	2.6	15
28	Maturation of the Cardiac Autonomic Nervous System Activity in Children and Adolescents. <i>Journal of the American Heart Association</i> , 2021, 10, e017405.	3.7	43
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	Genetic analyses identify widespread sex-differential participation bias. <i>Nature Genetics</i> , 2021, 53, 663-671.	21.4	124
31	Genetic evidence for a large overlap and potential bidirectional causal effects between resilience and well-being. <i>Neurobiology of Stress</i> , 2021, 14, 100315.	4.0	16
32	Genetic meta-analysis of twin birth weight shows high genetic correlation with singleton birth weight. <i>Human Molecular Genetics</i> , 2021, 30, 1894-1905.	2.9	6
33	The trans-ancestral genomic architecture of glycemic traits. <i>Nature Genetics</i> , 2021, 53, 840-860.	21.4	341
34	Genome-wide association studies identify 137 genetic loci for DNA methylation biomarkers of aging. <i>Genome Biology</i> , 2021, 22, 194.	8.8	90
35	Implementation and implications for polygenic risk scores in healthcare. <i>Human Genomics</i> , 2021, 15, 46.	2.9	36
36	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

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37	Predicting Complex Traits and Exposures From Polygenic Scores and Blood and Buccal DNA Methylation Profiles. <i>Frontiers in Psychiatry</i> , 2021, 12, 688464.	2.6	14
38	Using symptom-based case predictions to identify host genetic factors that contribute to COVID-19 susceptibility. <i>PLoS ONE</i> , 2021, 16, e0255402.	2.5	6
39	Genetic insights into biological mechanisms governing human ovarian ageing. <i>Nature</i> , 2021, 596, 393-397.	27.8	183
40	Identical twins carry a persistent epigenetic signature of early genome programming. <i>Nature Communications</i> , 2021, 12, 5618.	12.8	26
41	Gene-by-Crisis Interaction for Optimism and Meaning in Life: The Effects of the COVID-19 Pandemic. <i>Behavior Genetics</i> , 2021, , 1.	2.1	11
42	Amyloid-driven disruption of default mode network connectivity in cognitively healthy individuals. <i>Brain Communications</i> , 2021, 3, fcab201.	3.3	14
43	Genomic and phenotypic insights from an atlas of genetic effects on DNA methylation. <i>Nature Genetics</i> , 2021, 53, 1311-1321.	21.4	218
44	Major Depressive Disorder and Lifestyle: Correlated Genetic Effects in Extended Twin Pedigrees. <i>Genes</i> , 2021, 12, 1509.	2.4	12
45	Validity of electrodermal activity-based measures of sympathetic nervous system activity from a wrist-worn device. <i>International Journal of Psychophysiology</i> , 2021, 168, 52-64.	1.0	22
46	Determinants of exercise limitation in contemporary paediatric Fontan patients with an extra cardiac conduit. <i>International Journal of Cardiology</i> , 2021, 341, 31-38.	1.7	9
47	Graph Analysis of EEG Functional Connectivity Networks During a Letter-Speech Sound Binding Task in Adult Dyslexics. <i>Frontiers in Psychology</i> , 2021, 12, 767839.	2.1	7
48	Potential Genetic Overlap Between Insomnia and Sleep Symptoms in Major Depressive Disorder: A Polygenic Risk Score Analysis. <i>Frontiers in Psychiatry</i> , 2021, 12, 734077.	2.6	2
49	Twin-Singleton Comparisons Across Multiple Domains of Life. , 2021, , 51-71.		8
50	The power of genetic diversity in genome-wide association studies of lipids. <i>Nature</i> , 2021, 600, 675-679.	27.8	353
51	Genetically identical twins are highly similar in levels and spatial distribution of tau pathology: A [¹⁸ F]flortaucipir PET study. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.8	0
52	Plasma P-tau181 levels predict amyloid pathology in cognitively unimpaired individuals after 10 years. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.8	0
53	Dose response of the 16p11.2 distal copy number variant on intracranial volume and basal ganglia. <i>Molecular Psychiatry</i> , 2020, 25, 584-602.	7.9	49
54	Synchronous change in subjective and physiological reactivity during flight as an indicator of treatment outcome for aviophobia: A longitudinal study with 3-year follow-up. <i>Journal of Behavior Therapy and Experimental Psychiatry</i> , 2020, 67, 101443.	1.2	1

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55	Classical Human Leukocyte Antigen Alleles and C4 Haplotypes Are Not Significantly Associated With Depression. <i>Biological Psychiatry</i> , 2020, 87, 419-430.	1.3	27
56	Association of Copy Number Variation of the 15q11.2 BP1-BP2 Region With Cortical and Subcortical Morphology and Cognition. <i>JAMA Psychiatry</i> , 2020, 77, 420.	11.0	54
57	Genetic meta-analysis of obsessive-compulsive disorder and self-report compulsive symptoms. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2020, 183, 208-216.	1.7	30
58	Heritability estimates for 361 blood metabolites across 40 genome-wide association studies. <i>Nature Communications</i> , 2020, 11, 39.	12.8	64
59	Genetic comorbidity between major depression and cardio-metabolic traits, stratified by age at onset of major depression. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2020, 183, 309-330.	1.7	33
60	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
61	Translating GWAS-identified loci for cardiac rhythm and rate using an in vivo image- and CRISPR/Cas9-based approach. <i>Scientific Reports</i> , 2020, 10, 11831.	3.3	12
62	Plasma biomarkers predict amyloid pathology in cognitively unimpaired individuals. <i>Alzheimer's and Dementia</i> , 2020, 16, e045470.	0.8	0
63	Regional distribution of tau pathology in cognitively unimpaired, genetically identical twins. <i>Alzheimer's and Dementia</i> , 2020, 16, e045876.	0.8	0
64	Identification, Heritability, and Relation With Gene Expression of Novel DNA Methylation Loci for Blood Pressure. <i>Hypertension</i> , 2020, 76, 195-205.	2.7	33
65	Heritability of objectively assessed and self-reported sedentary behavior. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020, 30, 1237-1247.	2.9	6
66	The genetic architecture of the human cerebral cortex. <i>Science</i> , 2020, 367, .	12.6	450
67	Empirical comparisons of multiple Mendelian randomization approaches in the presence of assortative mating. <i>International Journal of Epidemiology</i> , 2020, 49, 1185-1193.	1.9	14
68	Measurement and genetic architecture of lifetime depression in the Netherlands as assessed by LIDAS (Lifetime Depression Assessment Self-report). <i>Psychological Medicine</i> , 2020, , 1-10.	4.5	4
69	Genome-wide gene-environment analyses of major depressive disorder and reported lifetime traumatic experiences in UK Biobank. <i>Molecular Psychiatry</i> , 2020, 25, 1430-1446.	7.9	116
70	An Extended Twin-Pedigree Study of Different Classes of Voluntary Exercise Behavior. <i>Behavior Genetics</i> , 2020, 50, 94-104.	2.1	9
71	The short Sing-a-Song Stress Test: A practical and valid test of autonomic responses induced by social-evaluative stress. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2020, 224, 102612.	2.8	11
72	Baseline autonomic nervous system activity in female children and adolescents with conduct disorder: Psychophysiological findings from the FemNAT-CD study. <i>Journal of Criminal Justice</i> , 2019, 65, 101564.	2.3	14

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73	Associations between loneliness and personality are mostly driven by a genetic association with Neuroticism. <i>Journal of Personality</i> , 2019, 87, 386-397.	3.2	66
74	Homogenizing Estimates of Heritability Among SOLAR-Eclipse, OpenMx, APACE, and FPHI Software Packages in Neuroimaging Data. <i>Frontiers in Neuroinformatics</i> , 2019, 13, 16.	2.5	23
75	Metabolomics reveals a link between homocysteine and lipid metabolism and leukocyte telomere length: the ENGAGE consortium. <i>Scientific Reports</i> , 2019, 9, 11623.	3.3	13
76	Probability learning and feedback processing in dyslexia: A performance and heart rate analysis. <i>Psychophysiology</i> , 2019, 56, e13460.	2.4	6
77	Cohabitation is associated with a greater resemblance in gut microbiota which can impact cardiometabolic and inflammatory risk. <i>BMC Microbiology</i> , 2019, 19, 230.	3.3	26
78	The association of depression and anxiety with cardiac autonomic activity: The role of confounding effects of antidepressants. <i>Depression and Anxiety</i> , 2019, 36, 1163-1172.	4.1	36
79	Validated inference of smoking habits from blood with a finite DNA methylation marker set. <i>European Journal of Epidemiology</i> , 2019, 34, 1055-1074.	5.7	31
80	Genetic Similarity Assessment of Twin-Family Populations by Custom-Designed Genotyping Array. <i>Twin Research and Human Genetics</i> , 2019, 22, 210-219.	0.6	11
81	Genome-wide association meta-analysis of 30,000 samples identifies seven novel loci for quantitative ECG traits. <i>European Journal of Human Genetics</i> , 2019, 27, 952-962.	2.8	29
82	An integrative cross-omics analysis of DNA methylation sites of glucose and insulin homeostasis. <i>Nature Communications</i> , 2019, 10, 2581.	12.8	62
83	Maternal and fetal genetic effects on birth weight and their relevance to cardio-metabolic risk factors. <i>Nature Genetics</i> , 2019, 51, 804-814.	21.4	402
84	Genome-wide Burden of Rare Short Deletions Is Enriched in Major Depressive Disorder in Four Cohorts. <i>Biological Psychiatry</i> , 2019, 85, 1065-1073.	1.3	25
85	Tracking of voluntary exercise behaviour over the lifespan. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2019, 16, 17.	4.6	30
86	A Genetic Investigation of the Well-Being Spectrum. <i>Behavior Genetics</i> , 2019, 49, 286-297.	2.1	37
87	Biological insights into multiple birth: genetic findings from UK Biobank. <i>European Journal of Human Genetics</i> , 2019, 27, 970-979.	2.8	7
88	The Netherlands Twin Register: Longitudinal Research Based on Twin and Twin-Family Designs. <i>Twin Research and Human Genetics</i> , 2019, 22, 623-636.	0.6	112
89	The Nigerian Twin and Sibling Registry: An Update. <i>Twin Research and Human Genetics</i> , 2019, 22, 637-640.	0.6	8
90	Genetic architecture of subcortical brain structures in 38,851 individuals. <i>Nature Genetics</i> , 2019, 51, 1624-1636.	21.4	192

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91	Association of Whole-Genome and NETRIN1 Signaling Pathwayâ€“Derived Polygenic Risk Scores for Major Depressive Disorder and White Matter Microstructure in the UK Biobank. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 91-100.	1.5	16
92	Multivariate genome-wide analyses of the well-being spectrum. <i>Nature Genetics</i> , 2019, 51, 445-451.	21.4	228
93	Should heart rate variability be â€œcorrectedâ€ for heart rate? Biological, quantitative, and interpretive considerations. <i>Psychophysiology</i> , 2019, 56, e13287.	2.4	138
94	A twin study on the correlates of voluntary exercise behavior in adolescence. <i>Psychology of Sport and Exercise</i> , 2019, 40, 99-109.	2.1	3
95	Long-term follow-up after ventricular septal defect repair in children: cardiac autonomic control, cardiac function and exercise capacity. <i>European Journal of Cardio-thoracic Surgery</i> , 2018, 53, 1082-1088.	1.4	9
96	Cardiac Autonomic Nervous System Activity and Cardiac Function in Children After Coarctation Repair. <i>Annals of Thoracic Surgery</i> , 2018, 105, 1803-1808.	1.3	8
97	Are Migraine and Tension-Type Headache Genetically Related? An Investigation of Twin Family Data. <i>Twin Research and Human Genetics</i> , 2018, 21, 112-118.	0.6	11
98	Collaborative meta-analysis finds no evidence of a strong interaction between stress and 5-HTTLPR genotype contributing to the development of depression. <i>Molecular Psychiatry</i> , 2018, 23, 133-142.	7.9	247
99	Brain reward responses to food stimuli among female monozygotic twins discordant for BMI. <i>Brain Imaging and Behavior</i> , 2018, 12, 718-727.	2.1	20
100	An Extended Twin-Pedigree Study of Neuroticism in the Netherlands Twin Register. <i>Behavior Genetics</i> , 2018, 48, 1-11.	2.1	36
101	Does Childhood Trauma Moderate Polygenic Risk for Depression? A Meta-analysis of 5765 Subjects From the Psychiatric Genomics Consortium. <i>Biological Psychiatry</i> , 2018, 84, 138-147.	1.3	87
102	Metabolite ratios as potential biomarkers for type 2 diabetes: a DIRECT study. <i>Diabetologia</i> , 2018, 61, 117-129.	6.3	32
103	Biological/Genetic Regulation of Physical Activity Level. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 863-873.	0.4	80
104	Dopaminergic Genetic Variants and Voluntary Externally Paced Exercise Behavior. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 700-708.	0.4	14
105	ICAâ€Pâ€066: WHITE MATTER MICROSTRUCTURE AND AMYLOID AGGREGATION IN COGNITIVELY HEALTHY, ELDERLY IDENTICAL TWINS. <i>Alzheimer's and Dementia</i> , 2018, 14, P59.	0.8	0
106	P1â€418: WHITE MATTER MICROSTRUCTURE AND AMYLOID AGGREGATION IN COGNITIVELY HEALTHY, ELDERLY IDENTICAL TWINS. <i>Alzheimer's and Dementia</i> , 2018, 14, P465.	0.8	0
107	Genome Analyses of >200,000 Individuals Identify 58 Loci for Chronic Inflammation and Highlight Pathways that Link Inflammation and Complex Disorders. <i>American Journal of Human Genetics</i> , 2018, 103, 691-706.	6.2	326
108	Genetic analysis of over 1 million people identifies 535 new loci associated with blood pressure traits. <i>Nature Genetics</i> , 2018, 50, 1412-1425.	21.4	924

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109	Metataxonomic Analysis of Individuals at BMI Extremes and Monozygotic Twins Discordant for BMI. <i>Twin Research and Human Genetics</i> , 2018, 21, 203-213.	0.6	15
110	Genome-wide association analysis links multiple psychiatric liability genes to oscillatory brain activity. <i>Human Brain Mapping</i> , 2018, 39, 4183-4195.	3.6	50
111	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
112	Analysis of shared heritability in common disorders of the brain. <i>Science</i> , 2018, 360, .	12.6	1,085
113	Association Between Depression, Anxiety, and Antidepressant Use With T-Wave Amplitude and QT-Interval. <i>Frontiers in Neuroscience</i> , 2018, 12, 375.	2.8	5
114	The 2017 Dutch Physical Activity Guidelines. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2018, 15, 58.	4.6	123
115	Bidirectional Prospective Associations Between Cardiac Autonomic Activity and Inflammatory Markers. <i>Psychosomatic Medicine</i> , 2018, 80, 475-482.	2.0	7
116	EEG Resting State Functional Connectivity in Adult Dyslexics Using Phase Lag Index and Graph Analysis. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 341.	2.0	52
117	Extending Causality Tests with Genetic Instruments: An Integration of Mendelian Randomization with the Classical Twin Design. <i>Behavior Genetics</i> , 2018, 48, 337-349.	2.1	48
118	Associations of immunometabolic risk factors with symptoms of depression and anxiety: The role of cardiac vagal activity. <i>Brain, Behavior, and Immunity</i> , 2018, 73, 493-503.	4.1	13
119	Integrative network analysis highlights biological processes underlying GLP-1 stimulated insulin secretion: A DIRECT study. <i>PLoS ONE</i> , 2018, 13, e0189886.	2.5	9
120	Lower birth weight is associated with alterations in dietary intake in adolescents independent of genetic factors: A twin study. <i>Clinical Nutrition</i> , 2017, 36, 179-185.	5.0	4
121	Differential gene expression patterns between smokers and non-smokers: cause or consequence?. <i>Addiction Biology</i> , 2017, 22, 550-560.	2.6	62
122	Genetic transmission of reading ability. <i>Brain and Language</i> , 2017, 172, 3-8.	1.6	41
123	Novel genetic loci associated with hippocampal volume. <i>Nature Communications</i> , 2017, 8, 13624.	12.8	250
124	Attention Deficit Hyperactivity Disorder Symptoms and Low Educational Achievement: Evidence Supporting A Causal Hypothesis. <i>Behavior Genetics</i> , 2017, 47, 278-289.	2.1	26
125	Heritability and GWAS Studies for Monocyte-Lymphocyte Ratio. <i>Twin Research and Human Genetics</i> , 2017, 20, 97-107.	0.6	19
126	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.	2.3	52

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127	Conditional eQTL analysis reveals allelic heterogeneity of gene expression. Human Molecular Genetics, 2017, 26, 1444-1451.	2.9	145
128	Genomic analyses identify hundreds of variants associated with age at menarche and support a role for puberty timing in cancer risk. Nature Genetics, 2017, 49, 834-841.	21.4	426
129	A Genome-Wide Association Study of IVGTT-Based Measures of First-Phase Insulin Secretion Refines the Underlying Physiology of Type 2 Diabetes Variants. Diabetes, 2017, 66, 2296-2309.	0.6	102
130	Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits. Nature Communications, 2017, 8, 14977.	12.8	169
131	Genetic loci associated with heart rate variability and their effects on cardiac disease risk. Nature Communications, 2017, 8, 15805.	12.8	95
132	Genome-wide association study of borderline personality disorder reveals genetic overlap with bipolar disorder, major depression and schizophrenia. Translational Psychiatry, 2017, 7, e1155-e1155.	4.8	150
133	Genome-Wide Significance for <i>PCLO</i> as a Gene for Major Depressive Disorder. Twin Research and Human Genetics, 2017, 20, 267-270.	0.6	28
134	Genetic effects influencing risk for major depressive disorder in China and Europe. Translational Psychiatry, 2017, 7, e1074-e1074.	4.8	64
135	Heritability of the affective response to exercise and its correlation to exercise behavior. Psychology of Sport and Exercise, 2017, 31, 139-148.	2.1	64
136	An Analysis of Two Genome-wide Association Meta-analyses Identifies a New Locus for Broad Depression Phenotype. Biological Psychiatry, 2017, 82, 322-329.	1.3	84
137	Validity of LIDAS (Lifetime Depression Assessment Self-report): a self-report online assessment of lifetime major depressive disorder. Psychological Medicine, 2017, 47, 279-289.	4.5	29
138	Overweight is associated with lower resting state functional connectivity in females after eliminating genetic effects: A twin study. Human Brain Mapping, 2017, 38, 5069-5081.	3.6	20
139	Novel Blood Pressure Locus and Gene Discovery Using Genome-Wide Association Study and Expression Data Sets From Blood and the Kidney. Hypertension, 2017, 70, .	2.7	123
140	Associations between subjective well-being and subcortical brain volumes. Scientific Reports, 2017, 7, 6957.	3.3	13
141	Temporal stability and drivers of change in cardiac autonomic nervous system activity. Autonomic Neuroscience: Basic and Clinical, 2017, 208, 117-125.	2.8	8
142	Impedance cardiography in healthy children and children with congenital heart disease: Improving stroke volume assessment. International Journal of Psychophysiology, 2017, 120, 136-147.	1.0	16
143	2SNP heritability and effects of genetic variants for neutrophil-to-lymphocyte and platelet-to-lymphocyte ratio. Journal of Human Genetics, 2017, 62, 979-988.	2.3	32
144	The low single nucleotide polymorphism heritability of plasma and saliva cortisol levels. Psychoneuroendocrinology, 2017, 85, 88-95.	2.7	17

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145	Social Comparison Orientation in Monozygotic and Dizygotic Twins. <i>Twin Research and Human Genetics</i> , 2017, 20, 550-557.	0.6	4
146	Influences of lifestyle factors on cardiac autonomic nervous system activity over time. <i>Preventive Medicine</i> , 2017, 94, 12-19.	3.4	24
147	Biological Stress Systems, Adverse Life Events, and the Improvement of Chronic Multisite Musculoskeletal Pain Across a 6-Year Follow-Up. <i>Journal of Pain</i> , 2017, 18, 155-165.	1.4	11
148	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.	2.9	31
149	Using Clinical Characteristics to Identify Which Patients With Major Depressive Disorder Have a Higher Genetic Load for Three Psychiatric Disorders. <i>Biological Psychiatry</i> , 2017, 81, 316-324.	1.3	31
150	A method to customize population-specific arrays for genome-wide association testing. <i>European Journal of Human Genetics</i> , 2017, 25, 267-270.	2.8	29
151	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
152	Genome-wide physical activity interactions in adiposity • A meta-analysis of 200,452 adults. <i>PLoS Genetics</i> , 2017, 13, e1006528.	3.5	158
153	Comparison of HapMap and 1000 Genomes Reference Panels in a Large-Scale Genome-Wide Association Study. <i>PLoS ONE</i> , 2017, 12, e0167742.	2.5	29
154	Postnatal Cardiac Autonomic Nervous Control in Pediatric Congenital Heart Disease. <i>Journal of Cardiovascular Development and Disease</i> , 2016, 3, 16.	1.6	8
155	Consistency of biological networks inferred from microarray and sequencing data. <i>BMC Bioinformatics</i> , 2016, 17, 254.	2.6	4
156	Heritability of ECG Biomarkers in the Netherlands Twin Registry Measured from Holter ECGs. <i>Frontiers in Physiology</i> , 2016, 7, 154.	2.8	11
157	Differential Autonomic Nervous System Reactivity in Depression and Anxiety During Stress Depending on Type of Stressor. <i>Psychosomatic Medicine</i> , 2016, 78, 562-572.	2.0	65
158	Parsimonious Correction of Heart Rate Variability for Its Dependency on Heart Rate. <i>Hypertension</i> , 2016, 68, e63-e65.	2.7	34
159	Meta-analysis of 49â€¦549 individuals imputed with the 1000 Genomes Project reveals an exonic damaging variant in <i>ANGPTL4</i> determining fasting TG levels. <i>Journal of Medical Genetics</i> , 2016, 53, 441-449.	3.2	34
160	The Computerized Neurocognitive Battery: Validation, aging effects, and heritability across cognitive domains.. <i>Neuropsychology</i> , 2016, 30, 53-64.	1.3	47
161	No Evidence of Causal Effects of Blood Pressure on Cognition in the Population at Large. <i>Twin Research and Human Genetics</i> , 2016, 19, 17-26.	0.6	0
162	The Importance of the Prenatal Environment in Behavioral Genetics: Introduction to Special Issue. <i>Behavior Genetics</i> , 2016, 46, 281-285.	2.1	12

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164	Identification of Common Genetic Variants Influencing Spontaneous Dizygotic Twinning and Female Fertility. <i>American Journal of Human Genetics</i> , 2016, 98, 898-908.	6.2	89
165	Heritability of heart rate recovery and vagal rebound after exercise. <i>European Journal of Applied Physiology</i> , 2016, 116, 2167-2176.	2.5	20
166	Age-related accrual of methylomic variability is linked to fundamental ageing mechanisms. <i>Genome Biology</i> , 2016, 17, 191.	8.8	120
167	Genome-wide associations for birth weight and correlations with adult disease. <i>Nature</i> , 2016, 538, 248-252.	27.8	406
168	Novel genetic loci underlying human intracranial volume identified through genome-wide association. <i>Nature Neuroscience</i> , 2016, 19, 1569-1582.	14.8	213
169	Causes of variation in the neutrophil-lymphocyte and platelet-lymphocyte ratios: a twin-family study. <i>Biomarkers in Medicine</i> , 2016, 10, 1061-1072.	1.4	38
170	Physical activity and dietary intake in BMI discordant identical twins. <i>Obesity</i> , 2016, 24, 1349-1355.	3.0	11
171	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.	2.1	30
172	KLB is associated with alcohol drinking, and its gene product Klotho is necessary for FGF21 regulation of alcohol preference. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 14372-14377.	7.1	208
173	A principal component meta-analysis on multiple anthropometric traits identifies novel loci for body shape. <i>Nature Communications</i> , 2016, 7, 13357.	12.8	74
174	Genome-wide analysis identifies 12 loci influencing human reproductive behavior. <i>Nature Genetics</i> , 2016, 48, 1462-1472.	21.4	284
175	Withdrawn Behavior, Leisure-Time Exercise Behavior, and Screen-Time Sedentary Behavior in a Clinical Sample of Youth. <i>Journal of Clinical Sport Psychology</i> , 2016, 10, 206-221.	1.0	3
176	Basal autonomic activity, stress reactivity, and increases in metabolic syndrome components over time. <i>Psychoneuroendocrinology</i> , 2016, 71, 119-126.	2.7	14
177	The Future of Genomic Research in Athletic Performance and Adaptation to Training. <i>Medicine and Sport Science</i> , 2016, 61, 55-67.	1.4	35
178	Does refining the phenotype improve replication rates? A review and replication of candidate gene studies on Major Depressive Disorder and Chronic Major Depressive Disorder. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2016, 171, 215-236.	1.7	13
179	Gene expression in major depressive disorder. <i>Molecular Psychiatry</i> , 2016, 21, 339-347.	7.9	178
180	Biological stress systems, adverse life events and the onset of chronic multisite musculoskeletal pain: a 6-year cohort study. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 847-854.	0.9	44

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182	Life-Span Development of Brain Network Integration Assessed with Phase Lag Index Connectivity and Minimum Spanning Tree Graphs. <i>Brain Connectivity</i> , 2016, 6, 312-325.	1.7	46
183	Arithmetic, reading and writing performance has a strong genetic component: A study in primary school children. <i>Learning and Individual Differences</i> , 2016, 47, 156-166.	2.7	22
184	Integrative approaches for large-scale transcriptome-wide association studies. <i>Nature Genetics</i> , 2016, 48, 245-252.	21.4	1,618
185	Genetic Evidence for Causal Relationships Between Maternal Obesity-Related Traits and Birth Weight. <i>JAMA - Journal of the American Medical Association</i> , 2016, 315, 1129.	7.4	220
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189	A meta-analysis of 120 246 individuals identifies 18 new loci for fibrinogen concentration. <i>Human Molecular Genetics</i> , 2016, 25, 358-370.	2.9	73
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193	Heritability and Temporal Stability of Ambulatory Autonomic Stress Reactivity in Unstructured 24-Hour Recordings. <i>Psychosomatic Medicine</i> , 2015, 77, 870-881.	2.0	14
194	The Association Between Depressive Disorder and Cardiac Autonomic Control in Adults 60 Years and Older. <i>Psychosomatic Medicine</i> , 2015, 77, 279-291.	2.0	24
195	Psychological Distress and Physiological Reactivity During In Vivo Exposure in People With Aviophobia. <i>Psychosomatic Medicine</i> , 2015, 77, 762-774.	2.0	11
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200	Discovery and Fine-Mapping of Glycaemic and Obesity-Related Trait Loci Using High-Density Imputation. <i>PLoS Genetics</i> , 2015, 11, e1005230.	3.5	77
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205	Genome-wide association study identifies novel genetic variants contributing to variation in blood metabolite levels. <i>Nature Communications</i> , 2015, 6, 7208.	12.8	178
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214	Longitudinal weight differences, gene expression and blood biomarkers in BMI-discordant identical twins. <i>International Journal of Obesity</i> , 2015, 39, 899-909.	3.4	19
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226	Genetics of Regular Exercise and Sedentary Behaviors. Twin Research and Human Genetics, 2014, 17, 262-271.	0.6	61
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228	The Dopaminergic Reward System and Leisure Time Exercise Behavior: A Candidate Allele Study. BioMed Research International, 2014, 2014, 1-9.	1.9	20
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266	Effects of induced hyperinsulinaemia with and without hyperglycaemia on measures of cardiac vagal control. <i>Diabetologia</i> , 2013, 56, 1436-1443.	6.3	25
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268	The Genetic Architecture of Liver Enzyme Levels: GGT, ALT and AST. <i>Behavior Genetics</i> , 2013, 43, 329-339.	2.1	113
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278	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.	0.6	164
279	Heritability of Resting State EEG Functional Connectivity Patterns. <i>Twin Research and Human Genetics</i> , 2013, 16, 962-969.	0.6	24
280	Multiethnic Meta-Analysis of Genome-Wide Association Studies in >100 000 Subjects Identifies 23 Fibrinogen-Associated Loci but No Strong Evidence of a Causal Association Between Circulating Fibrinogen and Cardiovascular Disease. <i>Circulation</i> , 2013, 128, 1310-1324.	1.6	128
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297	Brain Activation During Response Interference in Twins Discordant or Concordant for Obsessive Compulsive Symptoms. Twin Research and Human Genetics, 2012, 15, 372-383.	0.6	8
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309	A Genome-Wide Association Search for Type 2 Diabetes Genes in African Americans. <i>PLoS ONE</i> , 2012, 7, e29202.	2.5	197
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318	The Brain Matures with Stronger Functional Connectivity and Decreased Randomness of Its Network. <i>PLoS ONE</i> , 2012, 7, e36896.	2.5	114
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