

Jakob Grove

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8274897/publications.pdf>

Version: 2024-02-01

87
papers

20,946
citations

57719

44
h-index

48277

88
g-index

127
all docs

127
docs citations

127
times ranked

22381
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome-wide association analyses identify 44 risk variants and refine the genetic architecture of major depression. <i>Nature Genetics</i> , 2018, 50, 668-681.	9.4	2,224
2	Discovery of the first genome-wide significant risk loci for attention deficit/hyperactivity disorder. <i>Nature Genetics</i> , 2019, 51, 63-75.	9.4	1,594
3	Identification of common genetic risk variants for autism spectrum disorder. <i>Nature Genetics</i> , 2019, 51, 431-444.	9.4	1,538
4	Large-Scale Exome Sequencing Study Implicates Both Developmental and Functional Changes in the Neurobiology of Autism. <i>Cell</i> , 2020, 180, 568-584.e23.	13.5	1,422
5	Common schizophrenia alleles are enriched in mutation-intolerant genes and in regions under strong background selection. <i>Nature Genetics</i> , 2018, 50, 381-389.	9.4	1,332
6	Genome-wide association study identifies 30 loci associated with bipolar disorder. <i>Nature Genetics</i> , 2019, 51, 793-803.	9.4	1,191
7	Modeling Linkage Disequilibrium Increases Accuracy of Polygenic Risk Scores. <i>American Journal of Human Genetics</i> , 2015, 97, 576-592.	2.6	1,098
8	Analysis of shared heritability in common disorders of the brain. <i>Science</i> , 2018, 360, .	6.0	1,085
9	Genomic Relationships, Novel Loci, and Pleiotropic Mechanisms across Eight Psychiatric Disorders. <i>Cell</i> , 2019, 179, 1469-1482.e11.	13.5	935
10	Mapping genomic loci implicates genes and synaptic biology in schizophrenia. <i>Nature</i> , 2022, 604, 502-508.	13.7	929
11	Genome-wide association study identifies eight risk loci and implicates metabo-psychiatric origins for anorexia nervosa. <i>Nature Genetics</i> , 2019, 51, 1207-1214.	9.4	641
12	Genome-wide association study of more than 40,000 bipolar disorder cases provides new insights into the underlying biology. <i>Nature Genetics</i> , 2021, 53, 817-829.	9.4	629
13	Genomic Dissection of Bipolar Disorder and Schizophrenia, Including 28 Subphenotypes. <i>Cell</i> , 2018, 173, 1705-1715.e16.	13.5	623
14	Partitioning Heritability of Regulatory and Cell-Type-Specific Variants across 11 Common Diseases. <i>American Journal of Human Genetics</i> , 2014, 95, 535-552.	2.6	569
15	Polygenic transmission disequilibrium confirms that common and rare variation act additively to create risk for autism spectrum disorders. <i>Nature Genetics</i> , 2017, 49, 978-985.	9.4	401
16	Genetic risk for autism spectrum disorders and neuropsychiatric variation in the general population. <i>Nature Genetics</i> , 2016, 48, 552-555.	9.4	326
17	The iPSYCH2012 case-€cohort sample: new directions for unravelling genetic and environmental architectures of severe mental disorders. <i>Molecular Psychiatry</i> , 2018, 23, 6-14.	4.1	257
18	Validity of Childhood Autism in the Danish Psychiatric Central Register: Findings from a Cohort Sample Born 1990-1999. <i>Journal of Autism and Developmental Disorders</i> , 2010, 40, 139-148.	1.7	200

#	ARTICLE	IF	CITATIONS
19	Genome-wide study of association and interaction with maternal cytomegalovirus infection suggests new schizophrenia loci. <i>Molecular Psychiatry</i> , 2014, 19, 325-333.	4.1	163
20	Autism spectrum disorder and attention deficit hyperactivity disorder have a similar burden of rare protein-truncating variants. <i>Nature Neuroscience</i> , 2019, 22, 1961-1965.	7.1	148
21	A Genetic Investigation of Sex Bias in the Prevalence of Attention-Deficit/Hyperactivity Disorder. <i>Biological Psychiatry</i> , 2018, 83, 1044-1053.	0.7	146
22	Genetic Variants Associated With Anxiety and Stress-Related Disorders. <i>JAMA Psychiatry</i> , 2019, 76, 924.	6.0	140
23	Amniotic fluid inflammatory cytokines: Potential markers of immunologic dysfunction in autism spectrum disorders. <i>World Journal of Biological Psychiatry</i> , 2013, 14, 528-538.	1.3	138
24	The Genetics of the Mood Disorder Spectrum: Genome-wide Association Analyses of More Than 185,000 Cases and 439,000 Controls. <i>Biological Psychiatry</i> , 2020, 88, 169-184.	0.7	137
25	Sequencing and de novo assembly of 150 genomes from Denmark as a population reference. <i>Nature</i> , 2017, 548, 87-91.	13.7	130
26	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.	4.1	116
27	Cerebral Palsy Among Children Born After in Vitro Fertilization: The Role of Preterm Delivery--A Population-Based, Cohort Study. <i>Pediatrics</i> , 2006, 118, 475-482.	1.0	109
28	ASD and schizophrenia show distinct developmental profiles in common genetic overlap with population-based social communication difficulties. <i>Molecular Psychiatry</i> , 2018, 23, 263-270.	4.1	107
29	Genetic influences on eight psychiatric disorders based on family data of 4 408 646 full and half-siblings, and genetic data of 333 748 cases and controls. <i>Psychological Medicine</i> , 2019, 49, 1166-1173.	2.7	106
30	Genetic architecture of 11 major psychiatric disorders at biobehavioral, functional genomic and molecular genetic levels of analysis. <i>Nature Genetics</i> , 2022, 54, 548-559.	9.4	101
31	Genome-wide analyses of self-reported empathy: correlations with autism, schizophrenia, and anorexia nervosa. <i>Translational Psychiatry</i> , 2018, 8, 35.	2.4	95
32	Genome-wide association study implicates CHRNA2 in cannabis use disorder. <i>Nature Neuroscience</i> , 2019, 22, 1066-1074.	7.1	94
33	Elevated polygenic burden for autism is associated with differential DNA methylation at birth. <i>Genome Medicine</i> , 2018, 10, 19.	3.6	88
34	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.	0.7	87
35	Neonatal levels of cytokines and risk of autism spectrum disorders: An exploratory register-based historic birth cohort study utilizing the Danish Newborn Screening Biobank. <i>Journal of Neuroimmunology</i> , 2012, 252, 75-82.	1.1	81
36	Robustness of genome-wide scanning using archived dried blood spot samples as a DNA source. <i>BMC Genetics</i> , 2011, 12, 58.	2.7	79

#	ARTICLE	IF	CITATIONS
37	The Anorexia Nervosa Genetics Initiative (ANGI): Overview and methods. <i>Contemporary Clinical Trials</i> , 2018, 74, 61-69.	0.8	73
38	A phenotypic spectrum of autism is attributable to the combined effects of rare variants, polygenic risk and sex. <i>Nature Genetics</i> , 2022, 54, 1284-1292.	9.4	66
39	High loading of polygenic risk in cases with chronic schizophrenia. <i>Molecular Psychiatry</i> , 2016, 21, 969-974.	4.1	62
40	Sex-Dependent Shared and Nonshared Genetic Architecture Across Mood and Psychotic Disorders. <i>Biological Psychiatry</i> , 2022, 91, 102-117.	0.7	61
41	Archived neonatal dried blood spot samples can be used for accurate whole genome and exome-targeted next-generation sequencing. <i>Molecular Genetics and Metabolism</i> , 2013, 110, 65-72.	0.5	60
42	Asphyxia-related risk factors and their timing in spastic cerebral palsy. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2008, 115, 1518-1528.	1.1	59
43	Amniotic Fluid <i>scp</i> MMP <i>scp</i> and Neurotrophins in Autism Spectrum Disorders: An Exploratory Study. <i>Autism Research</i> , 2012, 5, 428-433.	2.1	57
44	Social and non-social autism symptoms and trait domains are genetically dissociable. <i>Communications Biology</i> , 2019, 2, 328.	2.0	57
45	The effects of low to moderate prenatal alcohol exposure in early pregnancy on IQ in 5-year-old children. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2012, 119, 1191-1200.	1.1	56
46	The effects of low to moderate alcohol consumption and binge drinking in early pregnancy on selective and sustained attention in 5-year-old children. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2012, 119, 1211-1221.	1.1	54
47	Genetic correlates of phenotypic heterogeneity in autism. <i>Nature Genetics</i> , 2022, 54, 1293-1304.	9.4	51
48	Examining Sex-Differentiated Genetic Effects Across Neuropsychiatric and Behavioral Traits. <i>Biological Psychiatry</i> , 2021, 89, 1127-1137.	0.7	48
49	Lifestyle during pregnancy: Neurodevelopmental effects at 5 years of age. The design and implementation of a prospective follow-up study. <i>Scandinavian Journal of Public Health</i> , 2010, 38, 208-219.	1.2	46
50	Variable DNA methylation in neonates mediates the association between prenatal smoking and birth weight. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20180120.	1.8	46
51	Association of <i>GRIN1</i> and <i>GRIN2A</i> With schizophrenia and genetic interaction with maternal herpes simplex virus-2 infection affecting disease risk. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2011, 156, 913-922.	1.1	44
52	High-Quality Exome Sequencing of Whole-Genome Amplified Neonatal Dried Blood Spot DNA. <i>PLoS ONE</i> , 2016, 11, e0153253.	1.1	38
53	High-Throughput Genotyping on Archived Dried Blood Spot Samples. <i>Genetic Testing and Molecular Biomarkers</i> , 2009, 13, 173-179.	0.3	37
54	Interrelationship of Cytokines, Hypothalamic-Pituitary-Adrenal Axis Hormones, and Psychosocial Variables in the Prediction of Preterm Birth. <i>Gynecologic and Obstetric Investigation</i> , 2010, 70, 40-46.	0.7	36

#	ARTICLE	IF	CITATIONS
55	A polygenic resilience score moderates the genetic risk for schizophrenia. <i>Molecular Psychiatry</i> , 2021, 26, 800-815.	4.1	36
56	Risk of Early-Onset Depression Associated With Polygenic Liability, Parental Psychiatric History, and Socioeconomic Status. <i>JAMA Psychiatry</i> , 2021, 78, 387.	6.0	33
57	Serum macrophage migration inhibitory factor in the prediction of preterm delivery. <i>American Journal of Obstetrics and Gynecology</i> , 2008, 199, 46.e1-46.e6.	0.7	31
58	Identifying the Common Genetic Basis of Antidepressant Response. <i>Biological Psychiatry Global Open Science</i> , 2022, 2, 115-126.	1.0	31
59	The female protective effect against autism spectrum disorder. <i>Cell Genomics</i> , 2022, 2, 100134.	3.0	30
60	Identification of the BRD1 interaction network and its impact on mental disorder risk. <i>Genome Medicine</i> , 2016, 8, 53.	3.6	29
61	Association of Childhood Exposure to Nitrogen Dioxide and Polygenic Risk Score for Schizophrenia With the Risk of Developing Schizophrenia. <i>JAMA Network Open</i> , 2019, 2, e1914401.	2.8	29
62	Genome-wide association study of febrile seizures implicates fever response and neuronal excitability genes. <i>Brain</i> , 2022, 145, 555-568.	3.7	29
63	Shared genetic risk between eating disorder and substance use related phenotypes: Evidence from genome-wide association studies. <i>Addiction Biology</i> , 2021, 26, e12880.	1.4	28
64	Risk variants and polygenic architecture of disruptive behavior disorders in the context of attention-deficit/hyperactivity disorder. <i>Nature Communications</i> , 2021, 12, 576.	5.8	28
65	Genetic risk scores for major psychiatric disorders and the risk of postpartum psychiatric disorders. <i>Translational Psychiatry</i> , 2019, 9, 288.	2.4	27
66	Identification of genetic loci associated with nocturnal enuresis: a genome-wide association study. <i>The Lancet Child and Adolescent Health</i> , 2021, 5, 201-209.	2.7	27
67	Whole-exome sequencing of individuals from an isolated population implicates rare risk variants in bipolar disorder. <i>Translational Psychiatry</i> , 2017, 7, e1034-e1034.	2.4	24
68	Leveraging both individual-level genetic data and GWAS summary statistics increases polygenic prediction. <i>American Journal of Human Genetics</i> , 2021, 108, 1001-1011.	2.6	22
69	The Eating Disorders Genetics Initiative (EDGI): study protocol. <i>BMC Psychiatry</i> , 2021, 21, 234.	1.1	20
70	Analysis of t(9;17)(q33.2;q25.3) chromosomal breakpoint regions and genetic association reveals novel candidate genes for bipolar disorder. <i>Bipolar Disorders</i> , 2015, 17, 205-211.	1.1	19
71	Parental inflammatory bowel disease and autism in children. <i>Nature Medicine</i> , 2022, 28, 1406-1411.	15.2	18
72	Accounting for age of onset and family history improves power in genome-wide association studies. <i>American Journal of Human Genetics</i> , 2022, 109, 417-432.	2.6	16

#	ARTICLE	IF	CITATIONS
73	Brain proteome changes in female Brd1 mice unmask dendritic spine pathology and show enrichment for schizophrenia risk. <i>Neurobiology of Disease</i> , 2019, 124, 479-488.	2.1	14
74	AUTOMORPHISM FIXED POINTS IN THE MODULI SPACE OF SEMI-STABLE BUNDLES. <i>Quarterly Journal of Mathematics</i> , 2006, 57, 1-35.	0.3	12
75	Joint Analysis of SNPs and Proteins Identifies Regulatory Gene Variations Decreasing the Chance of Spastic Cerebral Palsy. <i>Human Mutation</i> , 2013, 34, 143-148.	1.1	12
76	Low to Moderate Average Alcohol Consumption and Binge Drinking in Early Pregnancy: Effects on Choice Reaction Time and Information Processing Time in Five-Year-Old Children. <i>PLoS ONE</i> , 2015, 10, e0138611.	1.1	12
77	Birth characteristics and risk of febrile seizures. <i>Acta Neurologica Scandinavica</i> , 2021, 144, 51-57.	1.0	12
78	Co-occurring hydrocephalus in autism spectrum disorder: a Danish population-based cohort study. <i>Journal of Neurodevelopmental Disorders</i> , 2021, 13, 19.	1.5	8
79	The importance of data structure in statistical analysis of dendritic spine morphology. <i>Journal of Neuroscience Methods</i> , 2018, 296, 93-98.	1.3	7
80	Polygenic liability, stressful life events and risk for secondary-treated depression in early life: a nationwide register-based case-cohort study. <i>Psychological Medicine</i> , 2023, 53, 217-226.	2.7	7
81	Polygenic Heterogeneity Across Obsessive-Compulsive Disorder Subgroups Defined by a Comorbid Diagnosis. <i>Frontiers in Genetics</i> , 2021, 12, 711624.	1.1	7
82	Evaluating the interrelations between the autism polygenic score and psychiatric family history in risk for autism. <i>Autism Research</i> , 2022, 15, 171-182.	2.1	7
83	Discordant associations of educational attainment with ASD and ADHD implicate a polygenic form of pleiotropy. <i>Nature Communications</i> , 2021, 12, 6534.	5.8	3
84	Congenital Cerebral Palsy, Child Sex and Parent Cardiovascular Risk. <i>PLoS ONE</i> , 2013, 8, e79071.	1.1	2
85	Genome-wide by Environment Interaction Study of Stressful Life Events and Hospital-Treated Depression in the iPSYCH2012 Sample. <i>Biological Psychiatry Global Open Science</i> , 2022, 2, 400-410.	1.0	2
86	Seasonal variation and risk of febrile seizures; a Danish nationwide cohort study. <i>Neuroepidemiology</i> , 2022, , .	1.1	2
87	Asphyxia-Related Risk Factors and Their Timing in Spastic Cerebral Palsy. <i>Obstetrical and Gynecological Survey</i> , 2009, 64, 94-95.	0.2	0