

# Ditte Demontis

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1975907/publications.pdf>

Version: 2024-02-01

93  
papers

20,777  
citations

87723

38  
h-index

42291

92  
g-index

115  
all docs

115  
docs citations

115  
times ranked

26110  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biological insights from 108 schizophrenia-associated genetic loci. <i>Nature</i> , 2014, 511, 421-427.	13.7	6,934
2	Genome-wide association study identifies five new schizophrenia loci. <i>Nature Genetics</i> , 2011, 43, 969-976.	9.4	1,758
3	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
4	Identification of common genetic risk variants for autism spectrum disorder. <i>Nature Genetics</i> , 2019, 51, 431-444.	9.4	1,538
5	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
6	Modeling Linkage Disequilibrium Increases Accuracy of Polygenic Risk Scores. <i>American Journal of Human Genetics</i> , 2015, 97, 576-592.	2.6	1,098
7	Genomic Relationships, Novel Loci, and Pleiotropic Mechanisms across Eight Psychiatric Disorders. <i>Cell</i> , 2019, 179, 1469-1482.e11.	13.5	935
8	Genomic Dissection of Bipolar Disorder and Schizophrenia, Including 28 Subphenotypes. <i>Cell</i> , 2018, 173, 1705-1715.e16.	13.5	623
9	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
10	Genetic influences on schizophrenia and subcortical brain volumes: large-scale proof of concept. <i>Nature Neuroscience</i> , 2016, 19, 420-431.	7.1	204
11	A large-scale genome-wide association study meta-analysis of cannabis use disorder. <i>Lancet Psychiatry</i> , 2020, 7, 1032-1045.	3.7	200
12	Common variants at VRRK2 and TCF4 conferring risk of schizophrenia. <i>Human Molecular Genetics</i> , 2011, 20, 4076-4081.	1.4	193
13	GWAS of Suicide Attempt in Psychiatric Disorders and Association With Major Depression Polygenic Risk Scores. <i>American Journal of Psychiatry</i> , 2019, 176, 651-660.	4.0	186
14	CACNA1C (rs1006737) is associated with schizophrenia. <i>Molecular Psychiatry</i> , 2010, 15, 119-121.	4.1	167
15	Novel variation and de novo mutation rates in population-wide de novo assembled Danish trios. <i>Nature Communications</i> , 2015, 6, 5969.	5.8	164
16	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
17	Gene expression imputation across multiple brain regions provides insights into schizophrenia risk. <i>Nature Genetics</i> , 2019, 51, 659-674.	9.4	154
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	Estimation of Genetic Correlation via Linkage Disequilibrium Score Regression and Genomic Restricted Maximum Likelihood. <i>American Journal of Human Genetics</i> , 2018, 102, 1185-1194.	2.6	119
21	Dissecting the Shared Genetic Architecture of Suicide Attempt, Psychiatric Disorders, and Known Risk Factors. <i>Biological Psychiatry</i> , 2022, 91, 313-327.	0.7	114
22	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
23	Association between genetic variation in a region on chromosome 11 and schizophrenia in large samples from Europe. <i>Molecular Psychiatry</i> , 2012, 17, 906-917.	4.1	105
24	A Comparison of Ten Polygenic Score Methods for Psychiatric Disorders Applied Across Multiple Cohorts. <i>Biological Psychiatry</i> , 2021, 90, 611-620.	0.7	103
25	Genome-wide association study implicates <i>CHRNA2</i> in cannabis use disorder. <i>Nature Neuroscience</i> , 2019, 22, 1066-1074.	7.1	94
26	Common variant at 16p11.2 conferring risk of psychosis. <i>Molecular Psychiatry</i> , 2014, 19, 108-114.	4.1	85
27	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
28	Shared genetic background between children and adults with attention deficit/hyperactivity disorder. <i>Neuropsychopharmacology</i> , 2020, 45, 1617-1626.	2.8	72
29	Genetic Markers of ADHD-Related Variations in Intracranial Volume. <i>American Journal of Psychiatry</i> , 2019, 176, 228-238.	4.0	68
30	Changes in cognitive functions and cerebral grey matter and their associations with inflammatory markers, endocrine markers, and <i>APOE</i> genotypes in testicular cancer patients undergoing treatment. <i>Brain Imaging and Behavior</i> , 2017, 11, 769-783.	1.1	65
31	High loading of polygenic risk in cases with chronic schizophrenia. <i>Molecular Psychiatry</i> , 2016, 21, 969-974.	4.1	62
32	Sex-Dependent Shared and Nonshared Genetic Architecture Across Mood and Psychotic Disorders. <i>Biological Psychiatry</i> , 2022, 91, 102-117.	0.7	61
33	Attention-deficit/hyperactivity disorder and lifetime cannabis use: genetic overlap and causality. <i>Molecular Psychiatry</i> , 2020, 25, 2493-2503.	4.1	59
34	Cuba: Exploring the History of Admixture and the Genetic Basis of Pigmentation Using Autosomal and Uniparental Markers. <i>PLoS Genetics</i> , 2014, 10, e1004488.	1.5	57
35	North-South Differentiation and a Region of High Diversity in European Wolves ( <i>Canis lupus</i> ). <i>PLoS ONE</i> , 2013, 8, e76454.	1.1	56
36	Investigating causality between liability to ADHD and substance use, and liability to substance use and ADHD risk, using Mendelian randomization. <i>Addiction Biology</i> , 2021, 26, e12849.	1.4	52

#	ARTICLE	IF	CITATIONS
37	Examining Sex-Differentiated Genetic Effects Across Neuropsychiatric and Behavioral Traits. <i>Biological Psychiatry</i> , 2021, 89, 1127-1137.	0.7	48
38	Genetic liability to ADHD and substance use disorders in individuals with ADHD. <i>Addiction</i> , 2020, 115, 1368-1377.	1.7	47
39	Association of <i>GRIN1</i> and <i>GRIN2A</i> With schizophrenia and genetic interaction with maternal herpes simplex virus infection affecting disease risk. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2011, 156, 913-922.	1.1	44
40	Schizophrenia genetic variants are not associated with intelligence. <i>Psychological Medicine</i> , 2013, 43, 2563-2570.	2.7	40
41	Increased serum levels of sortilin are associated with depression and correlated with BDNF and VEGF. <i>Translational Psychiatry</i> , 2015, 5, e677-e677.	2.4	39
42	CACNA1C hypermethylation is associated with bipolar disorder. <i>Translational Psychiatry</i> , 2016, 6, e831-e831.	2.4	39
43	Covariance Association Test (CVAT) Identifies Genetic Markers Associated with Schizophrenia in Functionally Associated Biological Processes. <i>Genetics</i> , 2016, 203, 1901-1913.	1.2	34
44	Emotional modulation of muscle pain is associated with polymorphisms in the serotonin transporter gene. <i>Pain</i> , 2013, 154, 1469-1476.	2.0	31
45	Efficiency of selection, as measured by single nucleotide polymorphism variation, is dependent on inbreeding rate in <i>Drosophila melanogaster</i> . <i>Molecular Ecology</i> , 2009, 18, 4551-4563.	2.0	30
46	Identification of the BRD1 interaction network and its impact on mental disorder risk. <i>Genome Medicine</i> , 2016, 8, 53.	3.6	29
47	Polymorphism in Serotonin Receptor 3B Is Associated with Pain Catastrophizing. <i>PLoS ONE</i> , 2013, 8, e78889.	1.1	29
48	Whole-Exome Sequencing Reveals Increased Burden of Rare Functional and Disruptive Variants in Candidate Risk Genes in Individuals With Persistent Attention-Deficit/Hyperactivity Disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2016, 55, 521-523.	0.3	28
49	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
50	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
51	Mortality in individuals with disruptive behavior disorders diagnosed by specialist services – A nationwide cohort study. <i>Psychiatry Research</i> , 2017, 251, 255-260.	1.7	25
52	Disentangling polygenic associations between attention-deficit/hyperactivity disorder, educational attainment, literacy and language. <i>Translational Psychiatry</i> , 2019, 9, 35.	2.4	25
53	Hypomethylation of FAM63B in bipolar disorder patients. <i>Clinical Epigenetics</i> , 2016, 8, 52.	1.8	24
54	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

#	ARTICLE	IF	CITATIONS
55	Effects of temperature and maternal and grandmaternal age on wing shape in parthenogenetic <i>Drosophila mercatorum</i> . <i>Journal of Thermal Biology</i> , 2007, 32, 59-65.	1.1	23
56	Genetic risk factors for cancer-related cognitive impairment: a systematic review. <i>Acta Oncologica</i> , 2019, 58, 537-547.	0.8	22
57	Polygenic risk score, psychosocial environment and the risk of attention-deficit/hyperactivity disorder. <i>Translational Psychiatry</i> , 2020, 10, 335.	2.4	22
58	Contribution of Intellectual Disability-Related Genes to ADHD Risk and to Locomotor Activity in <i>Drosophila</i> . <i>American Journal of Psychiatry</i> , 2020, 177, 526-536.	4.0	22
59	Locomotor activity of <i>Drosophila melanogaster</i> in high temperature environments: plastic and evolutionary responses. <i>Climate Research</i> , 2010, 43, 127-134.	0.4	22
60	Heat stress and age induced maternal effects on wing size and shape in parthenogenetic <i>Drosophila mercatorum</i> . <i>Journal of Evolutionary Biology</i> , 2005, 18, 884-892.	0.8	21
61	Maternal and grandmaternal age effects on developmental instability and wing size in parthenogenetic <i>Drosophila mercatorum</i> . <i>Biogerontology</i> , 2005, 6, 61-69.	2.0	21
62	Genome-wide analyses suggest parallel selection for universal traits may eclipse local environmental selection in a highly mobile carnivore. <i>Ecology and Evolution</i> , 2015, 5, 4410-4425.	0.8	21
63	Exploring genetic variation that influences brain methylation in attention-deficit/hyperactivity disorder. <i>Translational Psychiatry</i> , 2019, 9, 242.	2.4	21
64	The increase of fluctuating asymmetry in a monoclonal strain of collembolans after chemical exposure—discussing a new method for estimating the environmental variance. <i>Ecological Indicators</i> , 2004, 4, 73-81.	2.6	20
65	A Novel Locus Harboring a Functional CD164 Nonsense Mutation Identified in a Large Danish Family with Nonsyndromic Hearing Impairment. <i>PLoS Genetics</i> , 2015, 11, e1005386.	1.5	18
66	Genomic analysis of the natural history of attention-deficit/hyperactivity disorder using Neanderthal and ancient <i>Homo sapiens</i> samples. <i>Scientific Reports</i> , 2020, 10, 8622.	1.6	18
67	Depauperate genetic variability detected in the American and European bison using genomic techniques. <i>Biology Direct</i> , 2009, 4, 48.	1.9	17
68	Replication Study and Meta-Analysis in European Samples Supports Association of the 3p21.1 Locus with Bipolar Disorder. <i>Biological Psychiatry</i> , 2012, 72, 645-650.	0.7	15
69	Genetic, Clinical, and Sociodemographic Factors Associated With Stimulant Treatment Outcomes in ADHD. <i>American Journal of Psychiatry</i> , 2021, 178, 854-864.	4.0	15
70	Developmental instability, hybridization and heterozygosity in stick insects of the genus <i>Bacillus</i> (Insecta; Phasmatodea) with different modes of reproduction. <i>Biological Journal of the Linnean Society</i> , 2006, 87, 249-259.	0.7	14
71	Whole-exome sequencing implicates <i>DGKH</i> as a risk gene for panic disorder in the Faroese population. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2016, 171, 1013-1022.	1.1	14
72	Soluble sortilin is present in excess and positively correlates with progranulin in CSF of aging individuals. <i>Experimental Gerontology</i> , 2016, 84, 96-100.	1.2	14

#	ARTICLE	IF	CITATIONS
73	Role of DNA Methylation in Mediating Genetic Risk of Psychiatric Disorders. <i>Frontiers in Psychiatry</i> , 2021, 12, 596821.	1.3	14
74	Testing candidate genes for attention-deficit/hyperactivity disorder in fruit flies using a high throughput assay for complex behavior. <i>Fly</i> , 2016, 10, 25-34.	0.9	13
75	Risk of schizophrenia in relation to parental origin and genome-wide divergence. <i>Psychological Medicine</i> , 2012, 42, 1515-1521.	2.7	12
76	Genes of the extinct Caucasian bison still roam the BiaÅ,owieÅ¼a Forest and are the source of genetic discrepancies between Polish and Belarusian populations of the European bison, <i>Bison bonasus</i> . <i>Biological Journal of the Linnean Society</i> , 2015, 114, 752-763.	0.7	12
77	The gene encoding the melanin-concentrating hormone receptor 1 is associated with schizophrenia in a Danish caseâ€“control sample. <i>Psychiatric Genetics</i> , 2012, 22, 62-69.	0.6	11
78	Inbreeding affects fecundity of American mink ( <i>Neovison vison</i> ) in Danish farm mink. <i>Animal Genetics</i> , 2011, 42, 437-439.	0.6	10
79	No association of polymorphisms in human endogenous retrovirus K18 and CD48 with schizophrenia. <i>Psychiatric Genetics</i> , 2012, 22, 146-148.	0.6	10
80	Genetic Signatures of Drug Response Variability in <i>Drosophila melanogaster</i> . <i>Genetics</i> , 2019, 213, 633-650.	1.2	10
81	No Association of Polymorphisms in the Serotonin Transporter Gene with Thermal Pain Sensation in Healthy Individuals. <i>Molecular Pain</i> , 2014, 10, 1744-8069-10-76.	1.0	9
82	Population viability analysis of American mink ( <i>Neovison vison</i> ) escaped from Danish mink farms. <i>Journal of Animal Science</i> , 2013, 91, 2530-2541.	0.2	8
83	Characterization of 59 canine single nucleotide polymorphisms in the Italian wolf ( <i>Canis lupus</i> ) population. <i>Molecular Ecology Notes</i> , 2006, 6, 1184-1187.	1.7	7
84	Increased Fluctuating Asymmetry in a Naturally Occurring Hybrid Zone between the Stick Insects <i>Bacillus Rossius Rossius</i> and <i>Bacillus Rossius Redtenbacheri</i> . <i>Journal of Insect Science</i> , 2010, 10, 1-14.	0.6	6
85	Divergence at neutral and non-neutral loci in <i>Drosophila buzzatii</i> populations and their hybrids. <i>Evolutionary Ecology</i> , 2008, 22, 593-605.	0.5	5
86	Genetic variability in the mitochondrial DNA of the Danish Pine marten. <i>Journal of Zoology</i> , 2008, 276, 168-175.	0.8	5
87	Characterization of microsatellite loci in the stick insects <i>Bacillus rossius rossius</i> , <i>Bacillus rossius redtenbacheri</i> and <i>Bacillus whitei</i> (Insecta: Phasmatodea). <i>Molecular Ecology Notes</i> , 2005, 5, 576-578.	1.7	4
88	The impact of genetic parental distance on developmental stability and fitness in <i>Drosophila buzzatii</i> . <i>Genetica</i> , 2008, 134, 223-233.	0.5	4
89	Isolation and Characterization of Polymorphic Microsatellite Markers for the Masked Palm Civet ( <i>Paguma larvata</i> ). <i>Biochemical Genetics</i> , 2008, 46, 392-397.	0.8	4
90	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

#	ARTICLE	IF	CITATIONS
91	Population-based identity-by-descent mapping combined with exome sequencing to detect rare risk variants for schizophrenia. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2019, 180, 223-231.	1.1	2
92	Characterization of 151 SNPs for population structure analysis of the endangered Tatra chamois ( <i>Rupicapra rupicapra tatraica</i> ) and its relative, the Alpine chamois ( <i>R. r. rupicapra</i> ). <i>Mammalian Biology</i> , 2011, 76, 644-645.	0.8	1
93	The Transferability of Illumina Canine BeadChip Single-Nucleotide Polymorphisms (SNPs) to American Mink ( <i>Neovison vison</i> ). <i>Biochemical Genetics</i> , 2012, 50, 717-721.	0.8	0