Morten Mattingsdal

List of Publications by Year
in descending order

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61 papers	22,617 citations	81900 39 h-index	114465 63 g-index
66 all docs	66 docs citations	66 times ranked	28436 citing authors

#	Article	IF	Citations
1	Biological insights from 108 schizophrenia-associated genetic loci. Nature, 2014, 511, 421-427.	27.8	6,934
2	Genetic relationship between five psychiatric disorders estimated from genome-wide SNPs. Nature Genetics, 2013, 45, 984-994.	21.4	2,067
3	Genome-wide association study identifies five new schizophrenia loci. Nature Genetics, 2011, 43, 969-976.	21.4	1,758
4	Large-scale genome-wide association analysis of bipolar disorder identifies a new susceptibility locus near ODZ4. Nature Genetics, 2011, 43, 977-983.	21.4	1,283
5	Modeling Linkage Disequilibrium Increases Accuracy of Polygenic Risk Scores. American Journal of Human Genetics, 2015, 97, 576-592.	6.2	1,098
6	Analysis of shared heritability in common disorders of the brain. Science, 2018, 360, .	12.6	1,085
7	Contribution of copy number variants to schizophrenia from a genome-wide study of 41,321 subjects. Nature Genetics, 2017, 49, 27-35.	21.4	838
8	Psychiatric genome-wide association study analyses implicate neuronal, immune and histone pathways. Nature Neuroscience, 2015, 18, 199-209.	14.8	701
9	The ENIGMA Consortium: large-scale collaborative analyses of neuroimaging and genetic data. Brain Imaging and Behavior, 2014, 8, 153-182.	2.1	696
10	Genome-wide association study identifies eight risk loci and implicates metabo-psychiatric origins for anorexia nervosa. Nature Genetics, 2019, 51, 1207-1214.	21.4	641
11	Identification of common variants associated with human hippocampal and intracranial volumes. Nature Genetics, 2012, 44, 552-561.	21.4	594
12	Partitioning Heritability of Regulatory and Cell-Type-Specific Variants across 11 Common Diseases. American Journal of Human Genetics, 2014, 95, 535-552.	6.2	569
13	ELM server: a new resource for investigating short functional sites in modular eukaryotic proteins. Nucleic Acids Research, 2003, 31, 3625-3630.	14.5	555
14	Significant Locus and Metabolic Genetic Correlations Revealed in Genome-Wide Association Study of Anorexia Nervosa. American Journal of Psychiatry, 2017, 174, 850-858.	7.2	410
15	Improved Detection of Common Variants Associated with Schizophrenia and Bipolar Disorder Using Pleiotropy-Informed Conditional False Discovery Rate. PLoS Genetics, 2013, 9, e1003455.	3.5	298
16	A genome-wide association study of anorexia nervosa. Molecular Psychiatry, 2014, 19, 1085-1094.	7.9	282
17	Joint Analysis of Psychiatric Disorders Increases Accuracy of Risk Prediction for Schizophrenia, Bipolar Disorder, and Major Depressive Disorder. American Journal of Human Genetics, 2015, 96, 283-294.	6.2	225
18	SLC9A6 Mutations Cause X-Linked Mental Retardation, Microcephaly, Epilepsy, and Ataxia, a Phenotype Mimicking Angelman Syndrome. American Journal of Human Genetics, 2008, 82, 1003-1010.	6.2	209

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19	Genetic influences on schizophrenia and subcortical brain volumes: large-scale proof of concept. Nature Neuroscience, 2016, 19, 420-431.	14.8	204
20	Gene variants associated with schizophrenia in a Norwegian genome-wide study are replicated in a large European cohort. Journal of Psychiatric Research, 2010, 44, 748-753.	3.1	183
21	Genetic pleiotropy between multiple sclerosis and schizophrenia but not bipolar disorder: differential involvement of immune-related gene loci. Molecular Psychiatry, 2015, 20, 207-214.	7.9	173
22	DNA Methylation and Gene Expression Changes in Monozygotic Twins Discordant for Psoriasis: Identification of Epigenetically Dysregulated Genes. PLoS Genetics, 2012, 8, e1002454.	3.5	145
23	Sex-dependent association of common variants of microcephaly genes with brain structure. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 384-388.	7.1	118
24	A Comparison of Ten Polygenic Score Methods for Psychiatric Disorders Applied Across Multiple Cohorts. Biological Psychiatry, 2021, 90, 611-620.	1.3	103
25	A genome-wide association study of bipolar disorder in Norwegian individuals, followed by replication in Icelandic sample. Journal of Affective Disorders, 2010, 126, 312-316.	4.1	100
26	Genetic Markers of Human Evolution Are Enriched in Schizophrenia. Biological Psychiatry, 2016, 80, 284-292.	1.3	92
27	Polygenic risk score and the psychosis continuum model. Acta Psychiatrica Scandinavica, 2014, 130, 311-317.	4.5	76
28	Are Keratoacanthomas Variants of Squamous Cell Carcinomas? A Comparison of Chromosomal Aberrations by Comparative Genomic Hybridization. Journal of Investigative Dermatology, 2006, 126, 2308-2315.	0.7	75
29	The Genetic Structure of the Swedish Population. PLoS ONE, 2011, 6, e22547.	2.5	67
30	TCF4 sequence variants and mRNA levels are associated with neurodevelopmental characteristics in psychotic disorders. Translational Psychiatry, 2012, 2, e112-e112.	4.8	67
31	Evidence for three genetic loci involved in both anorexia nervosa risk and variation of body mass index. Molecular Psychiatry, 2017, 22, 192-201.	7.9	63
32	Polygenic Risk for Schizophrenia Associated With Working Memory-related Prefrontal Brain Activation in Patients With Schizophrenia and Healthy Controls. Schizophrenia Bulletin, 2015, 41, 736-743.	4.3	62
33	Altered Brain Activation during Emotional Face Processing in Relation to Both Diagnosis and Polygenic Risk of Bipolar Disorder. PLoS ONE, 2015, 10, e0134202.	2.5	54
34	New data and an old puzzle: the negative association between schizophrenia and rheumatoid arthritis. International Journal of Epidemiology, 2015, 44, 1706-1721.	1.9	53
35	Association of common genetic variants in GPCPD1 with scaling of visual cortical surface area in humans. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 3985-3990.	7.1	50
36	Catechol O-methyltransferase variants and cognitive performance in schizophrenia and bipolar disorder versus controls. Schizophrenia Research, 2010, 122, 31-37.	2.0	47

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37	Up-Regulation ofNOTCH4Gene Expression in Bipolar Disorder. American Journal of Psychiatry, 2012, 169, 1292-1300.	7.2	44
38	Linkage-Disequilibrium-Based Binning Affects the Interpretation of GWASs. American Journal of Human Genetics, 2012, 90, 727-733.	6.2	44
39	Associations Between Attention-Deficit/Hyperactivity Disorder and Various Eating Disorders: A Swedish Nationwide Population Study Using Multiple Genetically Informative Approaches. Biological Psychiatry, 2019, 86, 577-586.	1.3	43
40	Gene-Based Analysis of Regionally Enriched Cortical Genes in GWAS Data Sets of Cognitive Traits and Psychiatric Disorders. PLoS ONE, 2012, 7, e31687.	2.5	40
41	Schizophrenia genetic variants are not associated with intelligence. Psychological Medicine, 2013, 43, 2563-2570.	4.5	40
42	Abundant Genetic Overlap between Blood Lipids and Immune-Mediated Diseases Indicates Shared Molecular Genetic Mechanisms. PLoS ONE, 2015, 10, e0123057.	2.5	40
43	Effects of intronic mutations in the LDLR gene on pre-mRNA splicing: Comparison of wet-lab and bioinformatics analyses. Molecular Genetics and Metabolism, 2009, 96, 245-252.	1.1	38
44	Association analysis of ANK3 gene variants in nordic bipolar disorder and schizophrenia caseâ€“control samples. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2011, 156, 969-974.	1.7	37
45	Genomeâ€wide expression analysis of cells expressing gain of function mutant D374Yâ€PCSK9. Journal of Cellular Physiology, 2008, 217, 459-467.	4.1	34
46	Seven novel mutations and four exon deletions in a collection of Norwegian patients with SPG4 hereditary spastic paraplegia. European Journal of Neurology, 2007, 14, 809-814.	3.3	29
47	Shared genetic risk between eating disorderâ€and substanceâ€useâ€related phenotypes: Evidence from genomeâ€wide association studies. Addiction Biology, 2021, 26, e12880.	2.6	28
48	MicroRNAs enrichment in GWAS of complex human phenotypes. BMC Genomics, 2015, 16, 304.	2.8	24
49	Mutations in the Melanocortin 4 Receptor (MC4R) Gene in Obese Patients in Norway. Experimental and Clinical Endocrinology and Diabetes, 2009, 117, 266-273.	1.2	22
50	Expression of genes in normal human monocytes in response toAspergillus fumigatus. Medical Mycology, 2008, 46, 327-336.	0.7	21
51	Intron 12 in NTRK3 is associated with bipolar disorder. Psychiatry Research, 2011, 185, 358-362.	3.3	21
52	Association analysis of PALB2 and BRCA2 in bipolar disorder and schizophrenia in a scandinavian caseâ€“control sample. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2010, 153B, 1276-1282.	1.7	20
53	Demographic history has shaped the strongly differentiated corkwing wrasse populations in Northern Europe. Molecular Ecology, 2020, 29, 160-171.	3.9	20
54	Genetic variants affecting the neural processing of human facial expressions: evidence using a genome-wide functional imaging approach. Translational Psychiatry, 2012, 2, e143-e143.	4.8	13

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55	Pathway analysis of genetic markers associated with a functional MRI faces paradigm implicates polymorphisms in calcium responsive pathways. NeuroImage, 2013, 70, 143-149.	4.2	13
56	A continuous genome assembly of the corkwing wrasse (Symphodus melops). Genomics, 2018, 110, 399-403.	2.9	13
57	Combining population genomics with demographic analyses highlights habitat patchiness and larval dispersal as determinants of connectivity in coastal fish species. Molecular Ecology, 2022, 31, 2562-2577.	3.9	13
58	The genetic structure of Norway. European Journal of Human Genetics, 2021, 29, 1710-1718.	2.8	10
59	Common Genetic Variation and Age of Onset of Anorexia Nervosa. Biological Psychiatry Global Open Science, 2022, 2, 368-378.	2.2	10
60	Genome-wide association study identifies genetic loci associated with body mass index and high density lipoprotein-cholesterol levels during psychopharmacological treatment â€" a cross-sectional naturalistic study. Psychiatry Research, 2012, 197, 327-336.	3.3	9
61	Populationâ€based identityâ€byâ€descent mapping combined with exome sequencing to detect rare risk variants for schizophrenia. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2019, 180, 223-231.	1.7	2