Derek Morris

List of Publications by Citations

212 papers	30,458 citations	61 h-index	174 g-index
248 ext. papers	37,510 ext. citations	9.9 avg, IF	7.99 L-index

#	Paper	IF	Citations
212	Biological insights from 108 schizophrenia-associated genetic loci. *Nature*, **2014**, 511, 421-7	50.4	5249
211	Common polygenic variation contributes to risk of schizophrenia and bipolar disorder. *Nature*, **2009**, 460, 748-52	50.4	3568
210	Genetic relationship between five psychiatric disorders estimated from genome-wide SNPs. *Nature Genetics*, **2013**, 45, 984-94	36.3	1628
209	Genome-wide association study identifies five new schizophrenia loci. *Nature Genetics*, **2011**, 43, 969-76	36.3	1508
208	Rare chromosomal deletions and duplications increase risk of schizophrenia. *Nature*, **2008**, 455, 237-41	50.4	1251
207	Genome-wide association analysis identifies 13 new risk loci for schizophrenia. *Nature Genetics*, **2013**, 45, 1150-9	36.3	1153
206	Large-scale genome-wide association analysis of bipolar disorder identifies a new susceptibility locus near ODZ4. *Nature Genetics*, **2011**, 43, 977-83	36.3	1094
205	Collaborative genome-wide association analysis supports a role for ANK3 and CACNA1C in bipolar disorder. *Nature Genetics*, **2008**, 40, 1056-8	36.3	949
204	Identification of loci associated with schizophrenia by genome-wide association and follow-up. *Nature Genetics*, **2008**, 40, 1053-5	36.3	877
203	Analysis of shared heritability in common disorders of the brain. *Science*, **2018**, 360,	33.3	666
202	Genome-wide association study identifies 30 loci associated with bipolar disorder. *Nature Genetics*, **2019**, 51, 793-803	36.3	662
201	Common genetic variants influence human subcortical brain structures. *Nature*, **2015**, 520, 224-9	50.4	601
200	The ENIGMA Consortium: large-scale collaborative analyses of neuroimaging and genetic data. *Brain Imaging and Behavior*, **2014**, 8, 153-82	4.1	539
199	Contribution of copy number variants to schizophrenia from a genome-wide study of 41,321 subjects. *Nature Genetics*, **2017**, 49, 27-35	36.3	530
198	Identification of common variants associated with human hippocampal and intracranial volumes. *Nature Genetics*, **2012**, 44, 552-61	36.3	498
197	Genome-wide association meta-analysis in 269,867 individuals identifies new genetic and functional links to intelligence. *Nature Genetics*, **2018**, 50, 912-919	36.3	475
196	Genomic Relationships, Novel Loci, and Pleiotropic Mechanisms across Eight Psychiatric Disorders. *Cell*, **2019**, 179, 1469-1482.e11	56.2	402

195	Cortical Brain Abnormalities in 4474 Individuals With Schizophrenia and 5098 Control Subjects via the Enhancing Neuro Imaging Genetics Through Meta Analysis (ENIGMA) Consortium. *Biological Psychiatry*, **2018**, 84, 644-654	7.9	325
194	Silver nanoparticles in the environment: Sources, detection and ecotoxicology. *Science of the Total Environment*, **2017**, 575, 231-246	10.2	308
193	De novo mutations in schizophrenia implicate chromatin remodeling and support a genetic overlap with autism and intellectual disability. *Molecular Psychiatry*, **2014**, 19, 652-8	15.1	263
192	Duplications of the neuropeptide receptor gene VIPR2 confer significant risk for schizophrenia. *Nature*, **2011**, 471, 499-503	50.4	257
191	Study of 300,486 individuals identifies 148 independent genetic loci influencing general cognitive function. *Nature Communications*, **2018**, 9, 2098	17.4	254
190	Fine mapping of ZNF804A and genome-wide significant evidence for its involvement in schizophrenia and bipolar disorder. *Molecular Psychiatry*, **2011**, 16, 429-41	15.1	221
189	Translation of 5Sleaders is pervasive in genes resistant to eIF2 repression. *ELife*, **2015**, 4, e03971	8.9	203
188	Genome-wide significant associations in schizophrenia to ITIH3/4, CACNA1C and SDCCAG8, and extensive replication of associations reported by the Schizophrenia PGC. *Molecular Psychiatry*, **2013**, 18, 708-12	15.1	184
187	Molecular pathways involved in neuronal cell adhesion and membrane scaffolding contribute to schizophrenia and bipolar disorder susceptibility. *Molecular Psychiatry*, **2011**, 16, 286-92	15.1	175
186	Novel genetic loci associated with hippocampal volume. *Nature Communications*, **2017**, 8, 13624	17.4	173
185	The genetic architecture of the human cerebral cortex. *Science*, **2020**, 367,	33.3	156
184	Universal, robust, highly quantitative SNP allele frequency measurement in DNA pools. *Human Genetics*, **2002**, 110, 471-8	6.3	152
183	Novel genetic loci underlying human intracranial volume identified through genome-wide association. *Nature Neuroscience*, **2016**, 19, 1569-1582	25.5	147
182	Evidence that interaction between neuregulin 1 and its receptor erbB4 increases susceptibility to schizophrenia. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2006**, 141B, 96-101	3.5	143
181	Molecular genetic evidence for overlap between general cognitive ability and risk for schizophrenia: a report from the Cognitive Genomics consorTium (COGENT). *Molecular Psychiatry*, **2014**, 19, 168-74	15.1	142
180	Excess of rare novel loss-of-function variants in synaptic genes in schizophrenia and autism spectrum disorders. *Molecular Psychiatry*, **2014**, 19, 872-9	15.1	131
179	Evidence that duplications of 22q11.2 protect against schizophrenia. *Molecular Psychiatry*, **2014**, 19, 37-40	15.1	130
178	Delineating the genetic heterogeneity of ALS using targeted high-throughput sequencing. *Journal of Medical Genetics*, **2013**, 50, 776-83	5.8	129

177	Confirmation and refinement of an at-risk haplotype for schizophrenia suggests the EST cluster, Hs.97362, as a potential susceptibility gene at the Neuregulin-1 locus. *Molecular Psychiatry*, **2004**, 9, 208-13	15.1	126
176	GWAS meta-analysis reveals novel loci and genetic correlates for general cognitive function: a report from the COGENT consortium. *Molecular Psychiatry*, **2017**, 22, 336-345	15.1	123
175	Psychosis susceptibility gene ZNF804A and cognitive performance in schizophrenia. *Archives of General Psychiatry*, **2010**, 67, 692-700		120
174	The SNP ratio test: pathway analysis of genome-wide association datasets. *Bioinformatics*, **2009**, 25, 2762-3	7.2	116
173	Confirming RGS4 as a susceptibility gene for schizophrenia. *American Journal of Medical Genetics Part A*, **2004**, 125B, 50-3		114
172	Genome-wide comparative analysis of atopic dermatitis and psoriasis gives insight into opposing genetic mechanisms. *American Journal of Human Genetics*, **2015**, 96, 104-20	11	113
171	DNA methylation of the serotonin transporter gene in peripheral cells and stress-related changes in hippocampal volume: a study in depressed patients and healthy controls. *PLoS ONE*, **2015**, 10, e0119061	3.7	110
170	Dense genotyping of immune-related susceptibility loci reveals new insights into the genetics of psoriatic arthritis. *Nature Communications*, **2015**, 6, 6046	17.4	103
169	Analysis of high-resolution HapMap of DTNBP1 (Dysbindin) suggests no consistency between reported common variant associations and schizophrenia. *American Journal of Human Genetics*, **2006**, 79, 903-9	11	103
168	Variance in neurocognitive performance is associated with dysbindin-1 in schizophrenia: a preliminary study. *Neuropsychologia*, **2007**, 45, 454-8	3.2	101
167	Genome-wide association studies: findings at the major histocompatibility complex locus in psychosis. *Biological Psychiatry*, **2014**, 75, 276-83	7.9	95
166	Development of strategies for SNP detection in RNA-seq data: application to lymphoblastoid cell lines and evaluation using 1000 Genomes data. *PLoS ONE*, **2013**, 8, e58815	3.7	94
165	Human subcortical brain asymmetries in 15,847 people worldwide reveal effects of age and sex. *Brain Imaging and Behavior*, **2017**, 11, 1497-1514	4.1	87
164	DNA methylation differences at the glucocorticoid receptor gene in depression are related to functional alterations in hypothalamic-pituitary-adrenal axis activity and to early life emotional abuse. *Psychiatry Research*, **2018**, 265, 341-348	9.9	85
163	Genome-wide association study of more than 40,000 bipolar disorder cases provides new insights into the underlying biology. *Nature Genetics*, **2021**, 53, 817-829	36.3	83
162	Evaluation of a susceptibility gene for schizophrenia: genotype based meta-analysis of RGS4 polymorphisms from thirteen independent samples. *Biological Psychiatry*, **2006**, 60, 152-62	7.9	80
161	ZNF804A risk allele is associated with relatively intact gray matter volume in patients with schizophrenia. *NeuroImage*, **2011**, 54, 2132-7	7.9	74
160	No evidence for association of the dysbindin gene [DTNBP1] with schizophrenia in an Irish population-based study. *Schizophrenia Research*, **2003**, 60, 167-72	3.6	74

159	Large-Scale Cognitive GWAS Meta-Analysis Reveals Tissue-Specific Neural Expression and Potential Nootropic Drug Targets. *Cell Reports*, **2017**, 21, 2597-2613	10.6	71
158	Brain-derived neurotrophic factor Val66Met polymorphism and early life adversity affect hippocampal volume. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2013**, 162B, 183-90	3.5	71
157	Common variant at 16p11.2 conferring risk of psychosis. *Molecular Psychiatry*, **2014**, 19, 108-14	15.1	67
156	Reduced fractional anisotropy in the uncinate fasciculus in patients with major depression carrying the met-allele of the Val66Met brain-derived neurotrophic factor genotype. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2012**, 159B, 537-48	3.5	64
155	Occurrence and co-occurrence of hallucinations by modality in schizophrenia-spectrum disorders. *Psychiatry Research*, **2017**, 252, 154-160	9.9	62
154	First implication of STRA6 mutations in isolated anophthalmia, microphthalmia, and coloboma: a new dimension to the STRA6 phenotype. *Human Mutation*, **2011**, 32, 1417-26	4.7	62
153	Analysis of 10 independent samples provides evidence for association between schizophrenia and a SNP flanking fibroblast growth factor receptor 2. *Molecular Psychiatry*, **2009**, 14, 30-6	15.1	62
152	CNV analysis in a large schizophrenia sample implicates deletions at 16p12.1 and SLC1A1 and duplications at 1p36.33 and CGNL1. *Human Molecular Genetics*, **2014**, 23, 1669-76	5.6	61
151	Preserved cognitive function is associated with suicidal ideation and single suicide attempts in schizophrenia. *Schizophrenia Research*, **2012**, 140, 232-6	3.6	59
150	Early visual processing deficits in dysbindin-associated schizophrenia. *Biological Psychiatry*, **2008**, 63, 484-9	7.9	59
149	Identification of mechanosensitive genes during skeletal development: alteration of genes associated with cytoskeletal rearrangement and cell signalling pathways. *BMC Genomics*, **2014**, 15, 48	4.5	58
148	GWA study data mining and independent replication identify cardiomyopathy-associated 5 (CMYA5) as a risk gene for schizophrenia. *Molecular Psychiatry*, **2011**, 16, 1117-29	15.1	58
147	The Genetics of the Mood Disorder Spectrum: Genome-wide Association Analyses of More Than 185,000 Cases and 439,000 Controls. *Biological Psychiatry*, **2020**, 88, 169-184	7.9	57
146	Implication of a rare deletion at distal 16p11.2 in schizophrenia. *JAMA Psychiatry*, **2013**, 70, 253-60	14.5	56
145	Evidence for association and epistasis at the DAOA/G30 and D-amino acid oxidase loci in an Irish schizophrenia sample. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2007**, 144B, 949-53	3.5	56
144	DNA methylation of the serotonin transporter gene (SLC6A4) is associated with brain function involved in processing emotional stimuli. *Journal of Psychiatry and Neuroscience*, **2015**, 40, 296-305	4.5	56
143	Mood congruent psychotic symptoms and specific cognitive deficits in carriers of the novel schizophrenia risk variant at MIR-137. *Neuroscience Letters*, **2013**, 532, 33-8	3.3	55
142	BDNF Val66Met genotype interacts with childhood adversity and influences the formation of hippocampal subfields. *Human Brain Mapping*, **2014**, 35, 5776-83	5.9	53

141	BDNF Val66Met polymorphism is associated with aggressive behavior in schizophrenia. *European Psychiatry*, **2010**, 25, 311-3	6	53
140	Neurocognition and suicidal behaviour in an Irish population with major psychotic disorders. *Schizophrenia Research*, **2006**, 85, 196-200	3.6	53
139	Allelic differences between Europeans and Chinese for CREB1 SNPs and their implications in gene expression regulation, hippocampal structure and function, and bipolar disorder susceptibility. *Molecular Psychiatry*, **2014**, 19, 452-61	15.1	52
138	The role of the major histocompatibility complex region in cognition and brain structure: a schizophrenia GWAS follow-up. *American Journal of Psychiatry*, **2013**, 170, 877-85	11.9	51
137	Dysbindin (DTNBP1) and the biogenesis of lysosome-related organelles complex 1 (BLOC-1): main and epistatic gene effects are potential contributors to schizophrenia susceptibility. *Biological Psychiatry*, **2008**, 63, 24-31	7.9	51
136	Variation in DNA repair genes XRCC3, XRCC4, XRCC5 and susceptibility to myeloma. *Human Molecular Genetics*, **2007**, 16, 3117-27	5.6	47
135	Neurotrophic tyrosine kinase polymorphism impacts white matter connections in patients with major depressive disorder. *Biological Psychiatry*, **2012**, 72, 663-70	7.9	45
134	The psychosis susceptibility gene ZNF804A: associations, functions, and phenotypes. *Schizophrenia Bulletin*, **2010**, 36, 904-9	1.3	44
133	New data and an old puzzle: the negative association between schizophrenia and rheumatoid arthritis. *International Journal of Epidemiology*, **2015**, 44, 1706-21	7.8	43
132	Insulin-like growth factor 1 (IGF1) and its active peptide (1-3)IGF1 enhance the expression of synaptic markers in neuronal circuits through different cellular mechanisms. *Neuroscience Letters*, **2012**, 520, 51-6	3.3	42
131	Influence of NOS1 on verbal intelligence and working memory in both patients with schizophrenia and healthy control subjects. *Archives of General Psychiatry*, **2009**, 66, 1045-54		42
130	Neuropsychological effects of the CSMD1 genome-wide associated schizophrenia risk variant rs10503253. *Genes, Brain and Behavior*, **2013**, 12, 203-9	3.6	41
129	Evidence for Genetic Overlap Between Schizophrenia and Age at First Birth in Women. *JAMA Psychiatry*, **2016**, 73, 497-505	14.5	40
128	Avian resistance to Campylobacter jejuni colonization is associated with an intestinal immunogene expression signature identified by mRNA sequencing. *PLoS ONE*, **2012**, 7, e40409	3.7	39
127	The Relationship Between Polygenic Risk Scores and Cognition in Schizophrenia. *Schizophrenia Bulletin*, **2020**, 46, 336-344	1.3	38
126	Pleiotropic Meta-Analysis of Cognition, Education, and Schizophrenia Differentiates Roles of Early Neurodevelopmental and Adult Synaptic Pathways. *American Journal of Human Genetics*, **2019**, 105, 334-350	11	37
125	Social cognition in bipolar disorder versus schizophrenia: comparability in mental state decoding deficits. *Bipolar Disorders*, **2012**, 14, 743-8	3.8	37
124	Effect of genetic variant in BICC1 on functional and structural brain changes in depression. *Neuropsychopharmacology*, **2012**, 37, 2855-62	8.7	37

123	Effects of MIR137 on fronto-amygdala functional connectivity. *NeuroImage*, **2014**, 90, 189-95	7.9	36
122	Population structure and genome-wide patterns of variation in Ireland and Britain. *European Journal of Human Genetics*, **2010**, 18, 1248-54	5.3	36
121	Multiplex target enrichment using DNA indexing for ultra-high throughput SNP detection. *DNA Research*, **2011**, 18, 31-8	4.5	35
120	Linkage disequilibrium mapping provides further evidence of a gene for reading disability on chromosome 6p21.3-22. *Molecular Psychiatry*, **2003**, 8, 176-85	15.1	35
119	Mapping genomic loci implicates genes and synaptic biology in schizophrenia.. *Nature*, **2022**,	50.4	35
118	An inherited duplication at the gene p21 Protein-Activated Kinase 7 (PAK7) is a risk factor for psychosis. *Human Molecular Genetics*, **2014**, 23, 3316-26	5.6	32
117	Mutation of Semaphorin-6A disrupts limbic and cortical connectivity and models neurodevelopmental psychopathology. *PLoS ONE*, **2011**, 6, e26488	3.7	32
116	A dysbindin risk haplotype associated with less severe manic-type symptoms in psychosis. *Neuroscience Letters*, **2008**, 431, 146-9	3.3	29
115	Evidence for rare and common genetic risk variants for schizophrenia at protein kinase C, alpha. *Molecular Psychiatry*, **2010**, 15, 1101-11	15.1	28
114	Genome-wide association study identifies 30 Loci Associated with Bipolar Disorder		28
113	GWAS and eQTL analysis identifies a SNP associated with both residual feed intake and GFRA2 expression in beef cattle. *Scientific Reports*, **2018**, 8, 14301	4.9	27
112	Neural effects of the CSMD1 genome-wide associated schizophrenia risk variant rs10503253. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2013**, 162B, 530-7	3.5	26
111	Evidence for cis-acting regulation of ANK3 and CACNA1C gene expression. *Bipolar Disorders*, **2010**, 12, 440-5	3.8	26
110	The effect of the neurogranin schizophrenia risk variant rs12807809 on brain structure and function. *Twin Research and Human Genetics*, **2012**, 15, 296-303	2.2	26
109	Cognitive analysis of schizophrenia risk genes that function as epigenetic regulators of gene expression. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2016**, 171, 1170-1179	3.5	25
108	Effects of a novel schizophrenia risk variant rs7914558 at CNNM2 on brain structure and attributional style. *British Journal of Psychiatry*, **2014**, 204, 115-21	5.4	25
107	Rare DNA variants in the brain-derived neurotrophic factor gene increase risk for attention-deficit hyperactivity disorder: a next-generation sequencing study. *Molecular Psychiatry*, **2017**, 22, 580-584	15.1	25
106	Reduced occipital and prefrontal brain volumes in dysbindin-associated schizophrenia. *Neuropsychopharmacology*, **2010**, 35, 368-73	8.7	25

105	Chitinase-3-like 1 (CHI3L1) gene and schizophrenia: genetic association and a potential functional mechanism. *Biological Psychiatry*, **2008**, 64, 98-103	7.9	25
104	D-amino acid oxidase (DAO) genotype and mood symptomatology in schizophrenia. *Neuroscience Letters*, **2007**, 426, 97-100	3.3	25
103	Variability in working memory performance explained by epistasis vs polygenic scores in the ZNF804A pathway. *JAMA Psychiatry*, **2014**, 71, 778-785	14.5	24
102	Altered medial prefrontal activity during dynamic face processing in schizophrenia spectrum patients. *Schizophrenia Research*, **2014**, 157, 225-30	3.6	24
101	Genetic differences between five European populations. *Human Heredity*, **2010**, 70, 141-9	1.1	24
100	Genome-wide linkage analysis of 972 bipolar pedigrees using single-nucleotide polymorphisms. *Molecular Psychiatry*, **2012**, 17, 818-26	15.1	24
99	Does the ability to sustain attention underlie symptom severity in schizophrenia?. *Schizophrenia Research*, **2009**, 107, 319-23	3.6	24
98	Association of Copy Number Variation of the 15q11.2 BP1-BP2 Region With Cortical and Subcortical Morphology and Cognition. *JAMA Psychiatry*, **2020**, 77, 420-430	14.5	24
97	Dose response of the 16p11.2 distal copy number variant on intracranial volume and basal ganglia. *Molecular Psychiatry*, **2020**, 25, 584-602	15.1	24
96	Relationship between the COMT-Val158Met and BDNF-Val66Met polymorphisms, childhood trauma and psychotic experiences in an adolescent general population sample. *PLoS ONE*, **2013**, 8, e79741	3.7	23
95	Global endometrial transcriptomic profiling: transient immune activation precedes tissue proliferation and repair in healthy beef cows. *BMC Genomics*, **2012**, 13, 489	4.5	22
94	The NOS1 variant rs6490121 is associated with variation in prefrontal function and grey matter density in healthy individuals. *NeuroImage*, **2012**, 60, 614-22	7.9	22
93	Are deficits in executive sub-processes simply reflecting more general cognitive decline in schizophrenia?. *Schizophrenia Research*, **2006**, 85, 168-73	3.6	22
92	The Relationship Between White Matter Microstructure and General Cognitive Ability in Patients With Schizophrenia and Healthy Participants in the ENIGMA Consortium. *American Journal of Psychiatry*, **2020**, 177, 537-547	11.9	21
91	Independent evidence for an association between general cognitive ability and a genetic locus for educational attainment. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2015**, 168B, 363-73	3.5	21
90	Social dysfunction in schizophrenia: an investigation of the GAF scale's sensitivity to deficits in social cognition. *Schizophrenia Research*, **2013**, 146, 363-5	3.6	21
89	Targeted Sequencing of 10,198 Samples Confirms Abnormalities in Neuronal Activity and Implicates Voltage-Gated Sodium Channels in Schizophrenia Pathogenesis. *Biological Psychiatry*, **2019**, 85, 554-562	7.9	21
88	A neuropsychological investigation of the genome wide associated schizophrenia risk variant NRGN rs12807809. *Schizophrenia Research*, **2011**, 125, 304-6	3.6	20

87	Common polygenic variation in coeliac disease and confirmation of ZNF335 and NIFA as disease susceptibility loci. *European Journal of Human Genetics*, **2016**, 24, 291-7	5.3	18
86	ZNF804A and social cognition in patients with schizophrenia and healthy controls. *Molecular Psychiatry*, **2012**, 17, 118-9	15.1	18
85	Replicated genetic evidence supports a role for HOMER2 in schizophrenia. *Neuroscience Letters*, **2010**, 468, 229-33	3.3	18
84	Genes regulated by SATB2 during neurodevelopment contribute to schizophrenia and educational attainment. *PLoS Genetics*, **2018**, 14, e1007515	6	17
83	A NOS1 variant implicated in cognitive performance influences evoked neural responses during a high density EEG study of early visual perception. *Human Brain Mapping*, **2012**, 33, 1202-11	5.9	17
82	Cognitive Characterization of Schizophrenia Risk Variants Involved in Synaptic Transmission: Evidence of CACNA1C's Role in Working Memory. *Neuropsychopharmacology*, **2017**, 42, 2612-2622	8.7	16
81	MIR137HG risk variant rs1625579 genotype is related to corpus callosum volume in schizophrenia. *Neuroscience Letters*, **2015**, 602, 44-9	3.3	16
80	Effects of ZNF804A on auditory P300 response in schizophrenia. *Translational Psychiatry*, **2014**, 4, e345	8.6	16
79	Clinical symptomatology and the psychosis risk gene ZNF804A. *Schizophrenia Research*, **2010**, 122, 273-5	3.6	16
78	DAOA ARG30LYS and verbal memory function in schizophrenia. *Molecular Psychiatry*, **2007**, 12, 795-6	15.1	16
77	Rare coding variants in ten genes confer substantial risk for schizophrenia.. *Nature*, **2022**,	50.4	16
76	Genome-wide schizophrenia variant at MIR137 does not impact white matter microstructure in healthy participants. *Neuroscience Letters*, **2014**, 574, 6-10	3.3	15
75	Analysis of the hexanucleotide repeat expansion and founder haplotype at C9ORF72 in an Irish psychosis case-control sample. *Neurobiology of Aging*, **2014**, 35, 1510.e1-5	5.6	15
74	The miR-137 schizophrenia susceptibility variant rs1625579 does not predict variability in brain volume in a sample of schizophrenic patients and healthy individuals. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2014**, 165B, 467-71	3.5	15
73	Functional assessment of a promoter polymorphism in S100B, a putative risk variant for bipolar disorder. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2011**, 156B, 691-9	3.5	15
72	No Reliable Association between Runs of Homozygosity and Schizophrenia in a Well-Powered Replication Study. *PLoS Genetics*, **2016**, 12, e1006343	6	15
71	DNA methylation meta-analysis reveals cellular alterations in psychosis and markers of treatment-resistant schizophrenia. *ELife*, **2021**, 10,	8.9	15
70	Further evidence of alerted default network connectivity and association with theory of mind ability in schizophrenia. *Schizophrenia Research*, **2017**, 184, 52-58	3.6	14

69	Neuroharmony: A new tool for harmonizing volumetric MRI data from unseen scanners. *NeuroImage*, **2020**, 220, 117127	7.9	14
68	Promoter polymorphisms in two overlapping 6p25 genes implicate mitochondrial proteins in cognitive deficit in schizophrenia. *Molecular Psychiatry*, **2012**, 17, 1328-39	15.1	14
67	Genetic classification of populations using supervised learning. *PLoS ONE*, **2011**, 6, e14802	3.7	14
66	Do antisaccade deficits in schizophrenia provide evidence of a specific inhibitory function?. *Journal of the International Neuropsychological Society*, **2006**, 12, 901-6	3.1	14
65	The Genetics of Endophenotypes of Neurofunction to Understand Schizophrenia (GENUS) consortium: A collaborative cognitive and neuroimaging genetics project. *Schizophrenia Research*, **2018**, 195, 306-317	3.6	14
64	BDNF Val66Met polymorphism in patterns of neural activation in individuals with MDD and healthy controls. *Journal of Affective Disorders*, **2015**, 184, 239-44	6.6	13
63	The effect of breed and diet type on the global transcriptome of hepatic tissue in beef cattle divergent for feed efficiency. *BMC Genomics*, **2019**, 20, 525	4.5	13
62	No evidence that runs of homozygosity are associated with schizophrenia in an Irish genome-wide association dataset. *Schizophrenia Research*, **2014**, 154, 79-82	3.6	13
61	Assessment of inactivating stop codon mutations in forty Saccharomyces cerevisiae strains: implications for [PSI] prion- mediated phenotypes. *PLoS ONE*, **2011**, 6, e28684	3.7	13
60	The one and the many: effects of the cell adhesion molecule pathway on neuropsychological function in psychosis. *Psychological Medicine*, **2014**, 44, 2177-87	6.9	12
59	Functional investigation of a schizophrenia GWAS signal at the CDC42 gene. *World Journal of Biological Psychiatry*, **2012**, 13, 550-4	3.8	12
58	Investigation of the apolipoprotein-L (APOL) gene family and schizophrenia using a novel DNA pooling strategy for public database SNPs. *Schizophrenia Research*, **2005**, 76, 231-8	3.6	12
57	The genetic architecture of the human cerebral cortex		12
56	Dissemination of clonally related multidrug-resistant Klebsiella pneumoniae in Ireland. *Epidemiology and Infection*, **2016**, 144, 443-8	4.3	11
55	Next-generation sequencing of the mitochondrial genome and association with IgA nephropathy in a renal transplant population. *Scientific Reports*, **2014**, 4, 7379	4.9	11
54	Genome-wide association study of over 40,000 bipolar disorder cases provides new insights into the underlying biology		11
53	Childhood trauma, parental bonding, and social cognition in patients with schizophrenia and healthy adults. *Journal of Clinical Psychology*, **2021**, 77, 241-253	2.8	10
52	GWAS meta-analysis (N=279,930) identifies new genes and functional links to intelligence		9

51	Activated charcoal as a capture material for silver nanoparticles in environmental water samples. *Science of the Total Environment*, **2018**, 645, 356-362	10.2	8
50	Beyond C4: Analysis of the complement gene pathway shows enrichment for IQ in patients with psychotic disorders and healthy controls. *Genes, Brain and Behavior*, **2019**, 18, e12602	3.6	8
49	Non-random error in genotype calling procedures: implications for family-based and case-control genome-wide association studies. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2008**, 147B, 1379-86	3.5	8
48	Identifying schizophrenia patients who carry pathogenic genetic copy number variants using standard clinical assessment: retrospective cohort study. *British Journal of Psychiatry*, **2020**, 216, 275-279	5.4	7
47	Dynamics of Brain Structure and its Genetic Architecture over the Lifespan **2020**,		7
46	Genes influenced by MEF2C contribute to neurodevelopmental disease via gene expression changes that affect multiple types of cortical excitatory neurons. *Human Molecular Genetics*, **2021**, 30, 961-970	5.6	7
45	A meta-analysis of deep brain structural shape and asymmetry abnormalities in 2,833 individuals with schizophrenia compared with 3,929 healthy volunteers via the ENIGMA Consortium. *Human Brain Mapping*, **2021**,	5.9	7
44	Effects of MiR-137 genetic risk score on brain volume and cortical measures in patients with schizophrenia and controls. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2018**, 177, 369-376	3.5	6
43	Variance in facial recognition performance associated with BDNF in schizophrenia. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2007**, 144B, 578-9	3.5	6
42	Ninety-nine independent genetic loci influencing general cognitive function include genes associated with brain health and structure (N = 280,360)		6
41	Effects of early life adversity on immune function and cognitive performance: results from the ALSPAC cohort. *Social Psychiatry and Psychiatric Epidemiology*, **2020**, 55, 723-733	4.5	6
40	1q21.1 distal copy number variants are associated with cerebral and cognitive alterations in humans. *Translational Psychiatry*, **2021**, 11, 182	8.6	6
39	Fertility and genomics: comparison of gene expression in contrasting reproductive tissues of female cattle. *Reproduction, Fertility and Development*, **2016**, 28, 11-24	1.8	6
38	Shiga toxigenic Escherichia coli incidence is related to small area variation in cattle density in a region in Ireland. *Science of the Total Environment*, **2018**, 637-638, 865-870	10.2	6
37	Genes encoding SATB2-interacting proteins in adult cerebral cortex contribute to human cognitive ability. *PLoS Genetics*, **2019**, 15, e1007890	6	5
36	Childhood trauma, brain structure and emotion recognition in patients with schizophrenia and healthy participants. *Social Cognitive and Affective Neuroscience*, **2020**, 15, 1336-1350	4	5
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34	Major Depressive Disorder: Existing Hypotheses about Pathophysiological Mechanisms and New Genetic Findings.. *Genes*, **2022**, 13,	4.2	5

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