Fabio Macciardi

List of Publications by Citations

209 papers	18,686 citations	64 h-index	134 g-index
217 ext. papers	21,616 ext. citations	7.5 avg, IF	5.76 L-index

#	Paper	IF	Citations
209	Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. *Nature Genetics*, **2010**, 42, 937-48	36.3	2267
208	Genetic risk and a primary role for cell-mediated immune mechanisms in multiple sclerosis. *Nature*, **2011**, 476, 214-9	50.4	1948
207	Analysis of immune-related loci identifies 48 new susceptibility variants for multiple sclerosis. *Nature Genetics*, **2013**, 45, 1353-60	36.3	934
206	Genetic and physiological data implicating the new human gene G72 and the gene for D-amino acid oxidase in schizophrenia. *Proceedings of the National Academy of Sciences of the United States of America*, **2002**, 99, 13675-80	11.5	709
205	Analysis of shared heritability in common disorders of the brain. *Science*, **2018**, 360,	33.3	666
204	The ENIGMA Consortium: large-scale collaborative analyses of neuroimaging and genetic data. *Brain Imaging and Behavior*, **2014**, 8, 153-82	4.1	539
203	Subcortical brain volume abnormalities in 2028 individuals with schizophrenia and 2540 healthy controls via the ENIGMA consortium. *Molecular Psychiatry*, **2016**, 21, 547-53	15.1	525
202	The brain-derived neurotrophic factor gene confers susceptibility to bipolar disorder: evidence from a family-based association study. *American Journal of Human Genetics*, **2002**, 71, 651-5	11	513
201	Identification of common variants associated with human hippocampal and intracranial volumes. *Nature Genetics*, **2012**, 44, 552-61	36.3	498
200	Genome-wide meta-analyses identify three loci associated with primary biliary cirrhosis. *Nature Genetics*, **2010**, 42, 658-60	36.3	337
199	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
198	Hippocampal atrophy as a quantitative trait in a genome-wide association study identifying novel susceptibility genes for Alzheimer's disease. *PLoS ONE*, **2009**, 4, e6501	3.7	269
197	Genome-wide association study of obsessive-compulsive disorder. *Molecular Psychiatry*, **2013**, 18, 788-98	15.1	244
196	Comorbidity of severe psychotic disorders with measures of substance use. *JAMA Psychiatry*, **2014**, 71, 248-54	14.5	226
195	Revealing the complex genetic architecture of obsessive-compulsive disorder using meta-analysis. *Molecular Psychiatry*, **2018**, 23, 1181-1188	15.1	205
194	MYO1E mutations and childhood familial focal segmental glomerulosclerosis. *New England Journal of Medicine*, **2011**, 365, 295-306	59.2	195
193	Pharmacogenetics of tardive dyskinesia: combined analysis of 780 patients supports association with dopamine D3 receptor gene Ser9Gly polymorphism. *Neuropsychopharmacology*, **2002**, 27, 105-19	8.7	193

192	Partitioning the heritability of Tourette syndrome and obsessive compulsive disorder reveals differences in genetic architecture. *PLoS Genetics*, **2013**, 9, e1003864	6	189
191	Serotonin subtype 2 receptor genes and clinical response to clozapine in schizophrenia patients. *Neuropsychopharmacology*, **1998**, 19, 123-32	8.7	188
190	A genome-wide association study of schizophrenia using brain activation as a quantitative phenotype. *Schizophrenia Bulletin*, **2009**, 35, 96-108	1.3	179
189	The role of serotonin transporter protein gene in antidepressant-induced mania in bipolar disorder: preliminary findings. *Archives of General Psychiatry*, **2001**, 58, 539-44		161
188	The genetic architecture of the human cerebral cortex. *Science*, **2020**, 367,	33.3	156
187	ENIGMA and global neuroscience: A decade of large-scale studies of the brain in health and disease across more than 40 countries. *Translational Psychiatry*, **2020**, 10, 100	8.6	154
186	Association between the dopamine transporter gene and posttraumatic stress disorder. *Molecular Psychiatry*, **2002**, 7, 903-7	15.1	143
185	Variability of 5-HT2C receptor cys23ser polymorphism among European populations and vulnerability to affective disorder. *Molecular Psychiatry*, **2001**, 6, 579-85	15.1	138
184	Reelin gene alleles and susceptibility to autism spectrum disorders. *Molecular Psychiatry*, **2002**, 7, 1012-7	15.1	135
183	Network-based multiple sclerosis pathway analysis with GWAS data from 15,000 cases and 30,000 controls. *American Journal of Human Genetics*, **2013**, 92, 854-65	11	132
182	Association of the MscI polymorphism of the dopamine D3 receptor gene with tardive dyskinesia in schizophrenia. *Neuropsychopharmacology*, **1999**, 21, 17-27	8.7	124
181	Targeted next-generation sequencing appoints c16orf57 as clericuzio-type poikiloderma with neutropenia gene. *American Journal of Human Genetics*, **2010**, 86, 72-6	11	120
180	Genetic analysis of quantitative phenotypes in AD and MCI: imaging, cognition and biomarkers. *Brain Imaging and Behavior*, **2014**, 8, 183-207	4.1	111
179	Adult attention deficit hyperactivity disorder and the dopamine D4 receptor gene. *American Journal of Medical Genetics Part A*, **2000**, 96, 273-7		108
178	Association of the alpha-adducin locus with essential hypertension. *Hypertension*, **1995**, 25, 320-6	8.5	106
177	Ultra-Rare Genetic Variation in the Epilepsies: A Whole-Exome Sequencing Study of 17,606 Individuals. *American Journal of Human Genetics*, **2019**, 105, 267-282	11	104
176	Combined analysis of 635 patients confirms an age-related association of the serotonin 2A receptor gene with tardive dyskinesia and specificity for the non-orofacial subtype. *International Journal of Neuropsychopharmacology*, **2005**, 8, 411-25	5.8	104
175	Analysis of miR-137 expression and rs1625579 in dorsolateral prefrontal cortex. *Journal of Psychiatric Research*, **2013**, 47, 1215-21	5.2	101

174	Cross-disorder genome-wide analyses suggest a complex genetic relationship between Tourette's syndrome and OCD. *American Journal of Psychiatry*, **2015**, 172, 82-93	11.9	101
173	Support for EKN1 as the susceptibility locus for dyslexia on 15q21. *Molecular Psychiatry*, **2004**, 9, 1111-21	15.1	100
172	Paraoxonase gene variants are associated with autism in North America, but not in Italy: possible regional specificity in gene-environment interactions. *Molecular Psychiatry*, **2005**, 10, 1006-16	15.1	99
171	Genome scan of Arab Israeli families maps a schizophrenia susceptibility gene to chromosome 6q23 and supports a locus at chromosome 10q24. *Molecular Psychiatry*, **2003**, 8, 488-98	15.1	93
170	A two-stage genome-wide association study of sporadic amyotrophic lateral sclerosis. *Human Molecular Genetics*, **2009**, 18, 1524-32	5.6	91
169	Lack of association between serotonin-2A receptor gene (HTR2A) polymorphisms and tardive dyskinesia in schizophrenia. *Molecular Psychiatry*, **2001**, 6, 230-4	15.1	90
168	Identifying gene regulatory networks in schizophrenia. *NeuroImage*, **2010**, 53, 839-47	7.9	88
167	Copy number variation in obsessive-compulsive disorder and tourette syndrome: a cross-disorder study. *Journal of the American Academy of Child and Adolescent Psychiatry*, **2014**, 53, 910-9	7.2	86
166	SNP-based pathway enrichment analysis for genome-wide association studies. *BMC Bioinformatics*, **2011**, 12, 99	3.6	86
165	5HT1Dbeta Receptor gene implicated in the pathogenesis of Obsessive-Compulsive Disorder: further evidence from a family-based association study. *Molecular Psychiatry*, **2002**, 7, 805-9	15.1	86
164	Evidence that the N-methyl-D-aspartate subunit 1 receptor gene (GRIN1) confers susceptibility to bipolar disorder. *Molecular Psychiatry*, **2003**, 8, 241-5	15.1	85
163	Gene discovery through imaging genetics: identification of two novel genes associated with schizophrenia. *Molecular Psychiatry*, **2009**, 14, 416-28	15.1	84
162	The dopamine-4 receptor gene associated with binge eating and weight gain in women with seasonal affective disorder: an evolutionary perspective. *Biological Psychiatry*, **2004**, 56, 665-9	7.9	84
161	Is the 5-HT(1Dbeta) receptor gene implicated in the pathogenesis of obsessive-compulsive disorder?. *American Journal of Psychiatry*, **2000**, 157, 1160-1	11.9	84
160	Genome-wide strategies for discovering genetic influences on cognition and cognitive disorders: methodological considerations. *Cognitive Neuropsychiatry*, **2009**, 14, 391-418	2	83
159	Pharmacogenetics of antipsychotic treatment: lessons learned from clozapine. *Biological Psychiatry* , **2000**, 47, 252-66	7.9	83
158	Association of the Val158Met catechol O-methyltransferase genetic polymorphism with panic disorder. *Neuropsychopharmacology*, **2006**, 31, 2237-42	8.7	82
157	Targeted Next-Generation Sequencing Appoints C16orf57 as Clericuzio-Type Poikiloderma with Neutropenia Gene. *American Journal of Human Genetics*, **2010**, 87, 445	11	78

156	An unstable trinucleotide-repeat region on chromosome 13 implicated in spinocerebellar ataxia: a common expansion locus. *American Journal of Human Genetics*, **2000**, 66, 819-29	11	77
155	Association study of 12 polymorphisms spanning the dopamine D(2) receptor gene and clozapine treatment response in two treatment refractory/intolerant populations. *Psychopharmacology*, **2005**, 181, 179-87	4.7	76
154	Evidence for linkage disequilibrium between the alpha 7-nicotinic receptor gene (CHRNA7) locus and schizophrenia in Azorean families. *American Journal of Medical Genetics Part A*, **2001**, 105, 669-74		76
153	Association between mitochondrial DNA variations and Alzheimer's disease in the ADNI cohort. *Neurobiology of Aging*, **2010**, 31, 1355-63	5.6	75
152	Lack of association between the T-->C 267 serotonin 5-HT6 receptor gene (HTR6) polymorphism and prediction of response to clozapine in schizophrenia. *Schizophrenia Research*, **2001**, 47, 49-58	3.6	74
151	A rare functional noncoding variant at the GWAS-implicated MIR137/MIR2682 locus might confer risk to schizophrenia and bipolar disorder. *American Journal of Human Genetics*, **2014**, 95, 744-53	11	72
150	Association of the putative susceptibility gene, transient receptor potential protein melastatin type 2, with bipolar disorder. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2006**, 141B, 36-43	3.5	71
149	Social adjustment and self-esteem of bipolar patients: a multicentric study. *Journal of Affective Disorders*, **2004**, 79, 97-103	6.6	68
148	Genetically determined low maternal serum dopamine beta-hydroxylase levels and the etiology of autism spectrum disorders. *American Journal of Medical Genetics Part A*, **2001**, 100, 30-6		67
147	Outcomes on lithium treatment as a tool for genetic studies in affective disorders. *Journal of Affective Disorders*, **1984**, 6, 139-51	6.6	66
146	Mitochondrial mutations and polymorphisms in psychiatric disorders. *Frontiers in Genetics*, **2012**, 3, 103	4.5	65
145	AHI1, a pivotal neurodevelopmental gene, and C6orf217 are associated with susceptibility to schizophrenia. *European Journal of Human Genetics*, **2006**, 14, 1111-9	5.3	64
144	Genetic variant near cytosolic phospholipase A2 associated with schizophrenia. *Schizophrenia Research*, **1996**, 21, 111-6	3.6	64
143	Common genetic variants and haplotypes in renal CLCNKA gene are associated to salt-sensitive hypertension. *Human Molecular Genetics*, **2007**, 16, 1630-8	5.6	63
142	A tumor suppressor locus in familial and sporadic chordoma maps to 1p36. *International Journal of Cancer*, **2000**, 87, 68-72	7.5	60
141	Schizophrenia miR-137 locus risk genotype is associated with dorsolateral prefrontal cortex hyperactivation. *Biological Psychiatry*, **2014**, 75, 398-405	7.9	59
140	Analysis of the D4 dopamine receptor gene variant in an Italian schizophrenia kindred. *Archives of General Psychiatry*, **1994**, 51, 288-93		59
139	Adducin- and ouabain-related gene variants predict the antihypertensive activity of rostafuroxin, part 2: clinical studies. *Science Translational Medicine*, **2010**, 2, 59ra87	17.5	58

138	Altered TRPC7 gene expression in bipolar-I disorder. *Biological Psychiatry*, **2001**, 50, 620-6	7.9	56
137	Amino acid patterns in schizophrenia: some new findings. *Psychiatry Research*, **1990**, 32, 63-70	9.9	56
136	Identification of candidate genes for psychosis in rat models, and possible association between schizophrenia and the 14-3-3eta gene. *Molecular Psychiatry*, **2003**, 8, 156-66	15.1	55
135	Pharmacogenetics of antidepressant and mood-stabilizing drugs: a review of candidate-gene studies and future research directions. *International Journal of Neuropsychopharmacology*, **2002**, 5, 255-75	5.8	54
134	PP2A-Bgamma subunit and KCNQ2 K+ channels in bipolar disorder. *Pharmacogenomics Journal*, **2007**, 7, 123-32	3.5	53
133	Evidence for an association between the dopamine D3 receptor gene DRD3 and schizophrenia. *Human Heredity*, **1997**, 47, 6-16	1.1	51
132	Identification of symptomatologic patterns common to major psychoses: proposal for a phenotype definition. *American Journal of Medical Genetics Part A*, **1996**, 67, 393-400		51
131	The genomic psychiatry cohort: partners in discovery. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2013**, 162B, 306-12	3.5	49
130	Enabling collaborative research using the Biomedical Informatics Research Network (BIRN). *Journal of the American Medical Informatics Association: JAMIA*, **2011**, 18, 416-22	8.6	47
129	Polymorphism of the serotonin 5-HT1B receptor gene (HTR1B) associated with minimum lifetime body mass index in women with bulimia nervosa. *Biological Psychiatry*, **2001**, 50, 640-3	7.9	47
128	Association study between the dopamine D4 receptor gene and schizophrenia. *American Journal of Medical Genetics Part A*, **1995**, 60, 452-5		47
127	Association of the type 2 diabetes mellitus susceptibility gene, TCF7L2, with schizophrenia in an Arab-Israeli family sample. *PLoS ONE*, **2012**, 7, e29228	3.7	46
126	Positive association of dopamine D2 receptor polymorphism with bipolar affective disorder in a European multicenter association study of affective disorders. *American Journal of Medical Genetics Part A*, **2002**, 114, 177-185		46
125	Association analyses of the DAOA/G30 and D-amino-acid oxidase genes in schizophrenia: further evidence for a role in schizophrenia. *NeuroMolecular Medicine*, **2007**, 9, 169-77	4.6	45
124	Neandertal Introgression Sheds Light on Modern Human Endocranial Globularity. *Current Biology*, **2019**, 29, 120-127.e5	6.3	44
123	Angiotensin converting enzyme gene insertion/deletion polymorphism: case-control association studies in schizophrenia, major affective disorder, and tardive dyskinesia and a family-based association study in schizophrenia. *American Journal of Medical Genetics Part A*, **2002**, 114, 310-4		43
122	An association study between schizophrenia and the dopamine receptor genes DRD3 and DRD4 using haplotype relative risk. *Human Heredity*, **1994**, 44, 328-36	1.1	43
121	Next generation sequence analysis and computational genomics using graphical pipeline workflows. *Genes*, **2012**, 3, 545-75	4.2	41

120	Association study of brain-derived neurotrophic factor (BDNF) and LIN-7 homolog (LIN-7) genes with adult attention-deficit/hyperactivity disorder. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2008**, 147B, 945-51	3.5	41
119	Contributions of common genetic variants to risk of schizophrenia among individuals of African and Latino ancestry. *Molecular Psychiatry*, **2020**, 25, 2455-2467	15.1	41
118	DOCK4 and CEACAM21 as novel schizophrenia candidate genes in the Jewish population. *International Journal of Neuropsychopharmacology*, **2012**, 15, 459-69	5.8	40
117	Tyrosine hydroxylase gene associated with depressive symptomatology in mood disorder **1998**, 81, 127-130		40
116	HERVs expression in Autism Spectrum Disorders. *PLoS ONE*, **2012**, 7, e48831	3.7	39
115	Interleukin 18 gene polymorphisms predict risk and outcome of Alzheimer's disease. *Journal of Neurology, Neurosurgery and Psychiatry*, **2007**, 78, 807-11	5.5	39
114	Dopamine receptor D2 Ser/Cys311 variant associated with disorganized symptomatology of schizophrenia. *Schizophrenia Research*, **1998**, 34, 207-10	3.6	38
113	Huntington's disease cerebrospinal fluid seeds aggregation of mutant huntingtin. *Molecular Psychiatry*, **2015**, 20, 1286-93	15.1	37
112	Fine mapping of a schizophrenia susceptibility locus at chromosome 6q23: increased evidence for linkage and reduced linkage interval. *European Journal of Human Genetics*, **2005**, 13, 763-71	5.3	37
111	Linkage disequilibrium between dopamine D1 receptor gene (DRD1) and bipolar disorder. *Biological Psychiatry*, **2002**, 52, 1144-50	7.9	37
110	New polymorphism for the human serotonin 1D receptor variant (5-HT1D beta) not linked to schizophrenia in five Canadian pedigrees. *Human Heredity*, **1993**, 43, 315-8	1.1	37
109	Moclobemide response in depressed patients: association study with a functional polymorphism in the monoamine oxidase A promoter. *Pharmacopsychiatry*, **2002**, 35, 157-8	2	36
108	A European multicenter association study of HTR2A receptor polymorphism in bipolar affective disorder **2000**, 96, 136-140		35
107	DNA methylation at the putative promoter region of the human dopamine D2 receptor gene. *NeuroReport*, **1999**, 10, 1249-55	1.7	35
106	Dopamine receptor D4 gene is associated with delusional symptomatology in mood disorders. *Psychiatry Research*, **1998**, 80, 129-36	9.9	34
105	Dopamine D2 receptor gene variants and quantitative measures of positive and negative symptom response following clozapine treatment. *European Neuropsychopharmacology*, **2006**, 16, 248-59	1.2	33
104	Lack of association between schizophrenia and the phospholipase-A2 genes cPLA2 and sPLA2. *American Journal of Medical Genetics Part A*, **2001**, 105, 246-249		33
103	Fine mapping of AHI1 as a schizophrenia susceptibility gene: from association to evolutionary evidence. *FASEB Journal*, **2010**, 24, 3066-82	0.9	32

102	Association study of a promoter polymorphism of UFD1L gene with schizophrenia. *American Journal of Medical Genetics Part A*, **2001**, 105, 529-33		32
101	Application of pharmacogenetics to psychotic disorders: the first consensus conference. The Consensus Group for Outcome Measures in Psychoses for Pharmacological Studies. *Schizophrenia Research*, **1999**, 37, 191-6	3.6	32
100	Social adjustment and self-esteem in remitted patients with mood disorders. *European Psychiatry*, **1999**, 14, 137-42	6	32
99	Diverse evolutionary histories for beta-adrenoreceptor genes in humans. *American Journal of Human Genetics*, **2009**, 85, 64-75	11	30
98	Lack of linkage disequilibrium between serotonin transporter protein gene (SLC6A4) and bipolar disorder. *American Journal of Medical Genetics Part A*, **2000**, 96, 379-83		30
97	Transposable elements and psychiatric disorders. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2014**, 165B, 201-16	3.5	29
96	No association between schizophrenia and the serotonin receptor 5HTR2a in an Italian population. *American Journal of Medical Genetics Part A*, **1997**, 74, 21-5		29
95	Analysis of depressive symptomatology in mood disorders. *Depression and Anxiety*, **1998**, 8, 80-85	8.4	29
94	No association of the Ser/Cys311 DRD2 molecular variant with schizophrenia using a classical case control study and the haplotype relative risk. *Schizophrenia Research*, **1997**, 25, 117-21	3.6	28
93	Psychosis and genes with trinucleotide repeat polymorphism. *Human Genetics*, **1996**, 97, 244-6	6.3	28
92	Factors affecting the distribution of age at onset in patients with affective disorders. *Journal of Psychiatric Research*, **1982**, 17, 309-17	5.2	28
91	Imaging phenotypes and genotypes in schizophrenia. *Neuroinformatics*, **2006**, 4, 21-49	3.2	26
90	The search for genetic homogeneity in affective disorders. *Journal of Affective Disorders*, **1984**, 7, 99-107	6.6	26
89	LINE1 insertions as a genomic risk factor for schizophrenia: Preliminary evidence from an affected family. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2016**, 171, 534-45	3.5	26
88	Genomic profiling by whole-genome single nucleotide polymorphism arrays in Wilms tumor and association with relapse. *Genes Chromosomes and Cancer*, **2012**, 51, 644-53	5	25
87	Identification of new schizophrenia susceptibility loci in an ethnically homogeneous, family-based, Arab-Israeli sample. *FASEB Journal*, **2011**, 25, 4011-23	0.9	25
86	Applications of the pipeline environment for visual informatics and genomics computations. *BMC Bioinformatics*, **2011**, 12, 304	3.6	24
85	Linkage of mood disorders with D2, D3 and TH genes: a multicenter study. *Journal of Affective Disorders*, **2000**, 58, 51-61	6.6	24

84	Novel Bioinformatics Approach Identifies Transcriptional Profiles of Lineage-Specific Transposable Elements at Distinct Loci in the Human Dorsolateral Prefrontal Cortex. *Molecular Biology and Evolution*, **2018**, 35, 2435-2453	8.3	23
83	Role of UBE3A and ATP10A genes in autism susceptibility region 15q11-q13 in an Italian population: a positive replication for UBE3A. *Psychiatry Research*, **2011**, 185, 33-8	9.9	23
82	Single-nucleotide polymorphism-defined class I and class III major histocompatibility complex genetic subregions contribute to natural long-term nonprogression in HIV infection. *Journal of Infectious Diseases*, **2012**, 205, 718-24	7	23
81	Increased CNV-region deletions in mild cognitive impairment (MCI) and Alzheimer disease (AD) subjects in the ADNI sample. *Genomics*, **2013**, 102, 112-22	4.3	21
80	Psychiatric pharmacogenetics: personalizing psychostimulant therapy in attention-deficit/hyperactivity disorder. *Behavioural Brain Research*, **2002**, 130, 85-90	3.4	21
79	Alpha reactivity in schizophrenia and in schizophrenic spectrum disorders: demographic, clinical and hemispheric assessment. *International Journal of Psychophysiology*, **1989**, 7, 47-54	2.9	21
78	Combined measure of smooth pursuit eye movements and ventricle-brain ratio in schizophrenic disorders. *Psychiatry Research*, **1987**, 21, 293-301	9.9	21
77	Steady state concentrations of the enantiomers of mianserin and desmethylmianserin in poor and in homozygous and heterozygous extensive metabolizers of debrisoquine. *Therapeutic Drug Monitoring*, **1998**, 20, 7-13	3.2	21
76	An ICA with reference approach in identification of genetic variation and associated brain networks. *Frontiers in Human Neuroscience*, **2012**, 6, 21	3.3	20
75	The trace amine receptor 4 gene is not associated with schizophrenia in a sample linked to chromosome 6q23. *Molecular Psychiatry*, **2006**, 11, 119-21	15.1	19
74	The Wisconsin Card Sorting Test (WCST) performance in normal subjects: a twin study. *Neuropsychobiology*, **1996**, 34, 14-7	4	19
73	Chromosomal anomalies at 1q, 3, 16q, and mutations of SIX1 and DROSHA genes underlie Wilms tumor recurrences. *Oncotarget*, **2016**, 7, 8908-15	3.3	19
72	Influence of education on WCST performances in schizophrenic patients. *International Journal of Neuroscience*, **1992**, 67, 105-9	2	18
71	Lack of association between the corticotrophin-releasing hormone receptor 2 gene and panic disorder. *Psychiatric Genetics*, **2006**, 16, 93-7	2.9	17
70	Analytic considerations about distribution of age of onset in schizophrenia. *Neuropsychobiology*, **1982**, 8, 93-101	4	17
69	Systems healthcare: a holistic paradigm for tomorrow. *BMC Systems Biology*, **2017**, 11, 142	3.5	16
68	Empirical derivation of the reference region for computing diagnostic sensitive Fluorodeoxyglucose ratios in Alzheimer disease based on the ADNI sample. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2012**, 1822, 457-66	6.9	16
67	alpha- and beta-Adducin polymorphisms affect podocyte proteins and proteinuria in rodents and decline of renal function in human IgA nephropathy. *Journal of Molecular Medicine*, **2010**, 88, 203-17	5.5	16

66	Genetic correlations and genome-wide associations of cortical structure in general population samples of 22,824 adults. *Nature Communications*, **2020**, 11, 4796	17.4	16
65	Plasma metabolomic biomarkers accurately classify acute mild traumatic brain injury from controls. *PLoS ONE*, **2018**, 13, e0195318	3.7	16
64	The perfect neuroimaging-genetics-computation storm: collision of petabytes of data, millions of hardware devices and thousands of software tools. *Brain Imaging and Behavior*, **2014**, 8, 311-22	4.1	15
63	An integrative functional genomics approach for discovering biomarkers in schizophrenia. *Briefings in Functional Genomics*, **2011**, 10, 387-99	4.9	15
62	Pharmacogenetics of autoimmune diseases: research issues in the case of Multiple Sclerosis and the role of IFN-beta. *Journal of Autoimmunity*, **2005**, 25 Suppl, 1-5	15.5	15
61	No interaction of GABAA alpha-1 subunit and dopamine receptor D4 exon 3 genes in symptomatology of major psychoses **1999**, 88, 44-49		15
60	SNPLims: a data management system for genome wide association studies. *BMC Bioinformatics*, **2008**, 9 Suppl 2, S13	3.6	14
59	The hairless gene in androgenetic alopecia: results of a systematic mutation screening and a family-based association approach. *British Journal of Dermatology*, **2002**, 146, 601-8	4	14
58	Shared Genetic Risk of Schizophrenia and Gray Matter Reduction in 6p22.1. *Schizophrenia Bulletin*, **2019**, 45, 222-232	1.3	14
57	Family association study between DRD2 and DRD3 gene polymorphisms and schizophrenia in a Portuguese population. *Psychiatry Research*, **2004**, 125, 185-91	9.9	13
56	Polygenic risk score, genome-wide association, and gene set analyses of cognitive domain deficits in schizophrenia. *Schizophrenia Research*, **2018**, 201, 393-399	3.6	12
55	A genetic linkage study of schizophrenia to chromosome 5 markers in a northern Italian population. *Biological Psychiatry*, **1992**, 31, 720-8	7.9	12
54	The genetic architecture of the human cerebral cortex		12
53	Toward Reproducible Results from Targeted Metabolomic Studies: Perspectives for Data Pre-processing and a Basis for Analytic Pipeline Development. *Current Topics in Medicinal Chemistry*, **2018**, 18, 883-895	3	12
52	Epigenetic reprogramming of cortical neurons through alteration of dopaminergic circuits. *Molecular Psychiatry*, **2014**, 19, 1193-200	15.1	11
51	Evidence for malaria selection of a CR1 haplotype in Sardinia. *Genes and Immunity*, **2011**, 12, 582-8	4.4	11
50	The 460Trp allele of alpha-adducin increases carotid intima-media thickness in young adult males. *Journal of Hypertension*, **2006**, 24, 697-703	1.9	10
49	Genetic transmission of migraine without aura: a study of 68 families. *Italian Journal of Neurological Sciences*, **1991**, 12, 581-4		10

48	EEG power spectrum profile and structural CNS characteristics in schizophrenia. *Biological Psychiatry*, **1990**, 27, 1331-4	7.9	10
47	Increased concentrations of various amino acids in schizophrenic patients. Evidence for heterozygosity effects?. *Human Genetics*, **1987**, 76, 138-40	6.3	10
46	Genome-wide association study of pediatric obsessive-compulsive traits: shared genetic risk between traits and disorder. *Translational Psychiatry*, **2021**, 11, 91	8.6	10
45	Association analysis of G-protein beta 3 subunit gene with altered Ca(2+) homeostasis in bipolar disorder. *Molecular Psychiatry*, **2001**, 6, 125-6	15.1	9
44	Mitochondrial variability in the Mediterranean area: a complex stage for human migrations. *Annals of Human Biology*, **2018**, 45, 5-19	1.7	8
43	No evidence of association or linkage disequilibrium between polymorphisms in the 5Qupstream and coding regions of the dopamine D4 receptor gene and schizophrenia in a Portuguese population **2004**, 125B, 20-4		8
42	Genetic and epigenetic analyses guided by high resolution whole-genome SNP array reveals a possible role of in Wilms tumour susceptibility. *Oncotarget*, **2018**, 9, 34079-34089	3.3	8
41	Dentate gyrus volume deficit in schizophrenia. *Psychological Medicine*, **2020**, 50, 1267-1277	6.9	8
40	A preliminary report of a strong genetic component for thought disorder in normals. A twin study. *Neuropsychobiology*, **1997**, 36, 13-8	4	7
39	Autism and the X chromosome: no linkage to microsatellite loci detected using the affected sibling pair method. *American Journal of Medical Genetics Part A*, **2002**, 109, 36-41		7
38	ENIGMA and Global Neuroscience: A Decade of Large-Scale Studies of the Brain in Health and Disease across more than 40 Countries		7
37	Genetic Determinants of Cortical Structure (Thickness, Surface Area and Volumes) among Disease Free Adults in the CHARGE Consortium		7
36	Functional impairment of cortical AMPA receptors in schizophrenia. *Schizophrenia Research*, **2020**,	3.6	6
35	Self-esteem in remitted patients with mood disorders is not associated with the dopamine receptor D4 and the serotonin transporter genes. *Psychiatry Research*, **1998**, 80, 137-44	9.9	6
34	Genetic approach to the study of heterogeneity of affective disorders. *Journal of Affective Disorders*, **1987**, 12, 105-13	6.6	6
33	Epigenetic mechanisms and associated brain circuits in the regulation of positive emotions: A role for transposable elements. *Journal of Comparative Neurology*, **2016**, 524, 2944-54	3.4	6
32	The Evolutionary History of Common Genetic Variants Influencing Human Cortical Surface Area. *Cerebral Cortex*, **2021**, 31, 1873-1887	5.1	6
31	Pilot study on schizophrenia in Sardinia. *Human Heredity*, **2010**, 70, 92-6	1.1	5

30	Developing a genomic-based point-of-care diagnostic system for rheumatoid arthritis and multiple sclerosis. *Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference*, **2009**, 2009, 827-30	0.9	4
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19	The power of systematic genealogical study in familial Alzheimer disease. *Italian Journal of Neurological Sciences*, **1993**, 14, 239-44		2
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13	Reading newspapers as a tool in rehabilitation intervention.. *Psychosocial Rehabilitation Journal*, **1990**, 14, 49-56		1

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12	The Evolutionary History of Common Genetic Variants Influencing Human Cortical Surface Area		1
11	A method for building a genome-connectome bipartite graph model. *Journal of Neuroscience Methods*, **2019**, 320, 64-71	3	0
10	Plasma Sphingomyelins in Late-Onset Alzheimer's Disease. *Journal of Alzheimer's Disease*, **2021**, 83, 1161-1171	4.1	0
9	Context dependency of the salt intake: left ventricular hypertrophy connection. *Journal of Hypertension*, **2007**, 25, 1569-72	1.9	
8	Reply to Lichtigfeld and Gillman. *International Journal of Neuropsychopharmacology*, **2003**, 6, 93-93	5.8	
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6	Identification of Attention-Deficit/Hyperactivity Disorder Pedigrees and Substance Use Disorder Pedigrees Through an ADHD Proband Sample. *CNS Spectrums*, **1999**, 4, 55-58	1.8	
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3	Population Stratification Analysis in Genome-Wide Association Studies **2011**, 177-196		
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