

Massimo Gennarelli

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

214 papers	8,237 citations	50 h-index	82 g-index
232 ext. papers	9,480 ext. citations	4.7 avg, IF	5.44 L-index

#	Paper	IF	Citations
214	A genome-wide investigation of SNPs and CNVs in schizophrenia. <i>PLoS Genetics</i> , 2009 , 5, e1000373	6	357
213	Candidate genes expression profile associated with antidepressants response in the GENDEP study: differentiating between baseline 'predictors' and longitudinal 'targets'. <i>Neuropsychopharmacology</i> , 2013 , 38, 377-85	8.7	318
212	Serum and plasma BDNF levels in major depression: a replication study and meta-analyses. <i>World Journal of Biological Psychiatry</i> , 2010 , 11, 763-73	3.8	306
211	Glucocorticoid-related molecular signaling pathways regulating hippocampal neurogenesis. <i>Neuropsychopharmacology</i> , 2013 , 38, 872-83	8.7	213
210	Role for the kinase SGK1 in stress, depression, and glucocorticoid effects on hippocampal neurogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 8708-13	11.5	209
209	Prenatal Diagnosis of Myotonic Dystrophy Using Fetal DNA Obtained from Maternal Plasma. <i>Clinical Chemistry</i> , 2000 , 46, 301-302	5.5	191
208	Mutation within TARDBP leads to frontotemporal dementia without motor neuron disease. <i>Human Mutation</i> , 2009 , 30, E974-83	4.7	181
207	Myotonic dystrophy: evidence for a possible dominant-negative RNA mutation. <i>Human Molecular Genetics</i> , 1995 , 4, 599-606	5.6	169
206	Survival motor neuron gene transcript analysis in muscles from spinal muscular atrophy patients. <i>Biochemical and Biophysical Research Communications</i> , 1995 , 213, 342-8	3.4	169
205	Blood microRNA changes in depressed patients during antidepressant treatment. <i>European Neuropsychopharmacology</i> , 2013 , 23, 602-11	1.2	163
204	Association between -G308A tumor necrosis factor alpha gene polymorphism and schizophrenia. <i>Molecular Psychiatry</i> , 2001 , 6, 79-82	15.1	163
203	Selective phosphorylation of nuclear CREB by fluoxetine is linked to activation of CaM kinase IV and MAP kinase cascades. <i>Neuropsychopharmacology</i> , 2004 , 29, 1831-40	8.7	159
202	Biomarkers and attention-deficit/hyperactivity disorder: a systematic review and meta-analyses. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2012 , 51, 1003-1019.e20	7.2	139
201	Electroconvulsive Therapy (ECT) increases serum Brain Derived Neurotrophic Factor (BDNF) in drug resistant depressed patients. <i>European Neuropsychopharmacology</i> , 2006 , 16, 620-4	1.2	131
200	Effect of repetitive transcranial magnetic stimulation on serum brain derived neurotrophic factor in drug resistant depressed patients. <i>Journal of Affective Disorders</i> , 2006 , 91, 83-6	6.6	118
199	Heterozygous TREM2 mutations in frontotemporal dementia. <i>Neurobiology of Aging</i> , 2014 , 35, 934.e7-10	5.6	107
198	Serum brain-derived neurotrophic factor levels in different neurological diseases. <i>BioMed Research International</i> , 2013 , 2013, 901082	3	105

197	Chronic duloxetine treatment induces specific changes in the expression of BDNF transcripts and in the subcellular localization of the neurotrophin protein. <i>Neuropsychopharmacology</i> , 2007 , 32, 2351-9	8.7	105
196	Peripheral whole blood microRNA alterations in major depression and bipolar disorder. <i>Journal of Affective Disorders</i> , 2016 , 200, 250-8	6.6	103
195	Modulation of synaptic plasticity by stress and antidepressants. <i>Bipolar Disorders</i> , 2002 , 4, 166-82	3.8	97
194	Acute stress responsiveness of the neurotrophin BDNF in the rat hippocampus is modulated by chronic treatment with the antidepressant duloxetine. <i>Neuropsychopharmacology</i> , 2009 , 34, 1523-32	8.7	95
193	Fluoxetine and olanzapine have synergistic effects in the modulation of fibroblast growth factor 2 expression within the rat brain. <i>Biological Psychiatry</i> , 2004 , 55, 1095-102	7.9	91
192	Regulation of editing and expression of glutamate alpha-amino-propionic-acid (AMPA)/kainate receptors by antidepressant drugs. <i>Biological Psychiatry</i> , 2006 , 59, 713-20	7.9	86
191	Micro spies from the brain to the periphery: new clues from studies on microRNAs in neuropsychiatric disorders. <i>Frontiers in Cellular Neuroscience</i> , 2014 , 8, 75	6.1	84
190	Reduced function of the serotonin transporter is associated with decreased expression of BDNF in rodents as well as in humans. <i>Neurobiology of Disease</i> , 2010 , 37, 747-55	7.5	84
189	Modulation of fibroblast growth factor-2 by stress and corticosteroids: from developmental events to adult brain plasticity. <i>Brain Research Reviews</i> , 2001 , 37, 249-58		83
188	Reduced peripheral brain-derived neurotrophic factor mRNA levels are normalized by antidepressant treatment. <i>International Journal of Neuropsychopharmacology</i> , 2010 , 13, 103-8	5.8	77
187	Genome-wide association study of increasing suicidal ideation during antidepressant treatment in the GENDEP project. <i>Pharmacogenomics Journal</i> , 2012 , 12, 68-77	3.5	76
186	Exome sequencing followed by large-scale genotyping suggests a limited role for moderately rare risk factors of strong effect in schizophrenia. <i>American Journal of Human Genetics</i> , 2012 , 91, 303-12	11	73
185	New copy number variations in schizophrenia. <i>PLoS ONE</i> , 2010 , 5, e13422	3.7	72
184	Association between promoter polymorphic haplotypes of interleukin-10 gene and schizophrenia. <i>Biological Psychiatry</i> , 2002 , 51, 480-4	7.9	71
183	Human Y-chromosome variation in the western Mediterranean area: implications for the peopling of the region. <i>Human Immunology</i> , 2001 , 62, 871-84	2.3	67
182	Vascular Endothelial Growth Factor (VEGF) serum concentration during electroconvulsive therapy (ECT) in treatment resistant depressed patients. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2011 , 35, 1322-5	5.5	66
181	Repetitive transcranial magnetic stimulation (rTMS) at high and low frequency: an efficacious therapy for major drug-resistant depression?. <i>Clinical Neurophysiology</i> , 2005 , 116, 1062-71	4.3	66
180	Serum levels of brain-derived neurotrophic factor in drug-naïve obsessive-compulsive patients: a case-control study. <i>Journal of Affective Disorders</i> , 2010 , 122, 174-8	6.6	64

179	5-HTTLPR and BDNF Val66Met polymorphisms and response to rTMS treatment in drug resistant depression. <i>Neuroscience Letters</i> , 2008 , 437, 130-4	3.3	64
178	Effect of antipsychotic drugs on brain-derived neurotrophic factor expression under reduced N-methyl-D-aspartate receptor activity. <i>Journal of Neuroscience Research</i> , 2003 , 72, 622-8	4.4	62
177	The expression of VGF is reduced in leukocytes of depressed patients and it is restored by effective antidepressant treatment. <i>Neuropsychopharmacology</i> , 2010 , 35, 1423-8	8.7	61
176	Progranulin genetic variations in frontotemporal lobar degeneration: evidence for low mutation frequency in an Italian clinical series. <i>Neurogenetics</i> , 2008 , 9, 197-205	3	59
175	Quetiapine regulates FGF-2 and BDNF expression in the hippocampus of animals treated with MK-801. <i>NeuroReport</i> , 2004 , 15, 2109-12	1.7	58
174	Cognitive impairment and (CTG)n expansion in myotonic dystrophy patients. <i>Biological Psychiatry</i> , 1999 , 46, 425-31	7.9	57
173	VEGF serum levels in depressed patients during SSRI antidepressant treatment. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2009 , 33, 146-9	5.5	55
172	Chronic antidepressant treatments induce a time-dependent up-regulation of AMPA receptor subunit protein levels. <i>Neurochemistry International</i> , 2011 , 59, 896-905	4.4	54
171	Cytokine gene polymorphisms in gastric cancer patients from two Italian areas at high and low cancer prevalence. <i>Cytokine</i> , 2005 , 30, 293-302	4	54
170	Sub-chronic exposure to atomoxetine up-regulates BDNF expression and signalling in the brain of adolescent spontaneously hypertensive rats: comparison with methylphenidate. <i>Pharmacological Research</i> , 2010 , 62, 523-9	10.2	53
169	The 196G/A (val66met) polymorphism of the BDNF gene is significantly associated with binge eating behavior in women with bulimia nervosa or binge eating disorder. <i>Neuroscience Letters</i> , 2006 , 406, 133-7	3.3	53
168	Association between the G1001C polymorphism in the GRIN1 gene promoter region and schizophrenia. <i>Biological Psychiatry</i> , 2003 , 53, 617-9	7.9	53
167	Methylenetetrahydrofolate reductase and angiotensin converting enzyme gene polymorphisms in two genetically and diagnostically distinct cohort of Alzheimer patients. <i>Neurobiology of Aging</i> , 2003 , 24, 933-9	5.6	52
166	Long-Term duloxetine treatment normalizes altered brain-derived neurotrophic factor expression in serotonin transporter knockout rats through the modulation of specific neurotrophin isoforms. <i>Molecular Pharmacology</i> , 2010 , 77, 846-53	4.3	51
165	Modulation of glutamate receptors in response to the novel antipsychotic olanzapine in rats. <i>Biological Psychiatry</i> , 2001 , 50, 117-22	7.9	50
164	Early raise of BDNF in hippocampus suggests induction of posttranscriptional mechanisms by antidepressants. <i>BMC Neuroscience</i> , 2009 , 10, 48	3.2	49
163	Markers of Alzheimer's disease in a population attending a memory clinic. <i>Alzheimer's and Dementia</i> , 2009 , 5, 307-17	1.2	49
162	Association between IL-1beta -511C/T and IL-1RA (86bp)n repeats polymorphisms and schizophrenia. <i>Journal of Psychiatric Research</i> , 2003 , 37, 457-62	5.2	48

161	Atypical dementia associated with a novel presenilin-2 mutation. <i>Annals of Neurology</i> , 2003 , 54, 832-6	9.4	48
160	BDNF serum levels, but not BDNF Val66Met genotype, are correlated with personality traits in healthy subjects. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2011 , 261, 323-9	5.1	47
159	Promoter haplotypes of interleukin-10 gene and sporadic Alzheimer's disease. <i>Neuroscience Letters</i> , 2004 , 356, 119-22	3.3	46
158	Stimulatory role of dopamine on fibroblast growth factor-2 expression in rat striatum. <i>Journal of Neurochemistry</i> , 2001 , 76, 990-7	6	45
157	Diagnostic accuracy of markers for prodromal Alzheimer's disease in independent clinical series. <i>Alzheimer's and Dementia</i> , 2013 , 9, 677-86	1.2	43
156	Altered gene expression in schizophrenia: findings from transcriptional signatures in fibroblasts and blood. <i>PLoS ONE</i> , 2015 , 10, e0116686	3.7	42
155	-G308A tumor necrosis factor alpha functional polymorphism and schizophrenia risk: meta-analysis plus association study. <i>Brain, Behavior, and Immunity</i> , 2007 , 21, 450-7	16.6	42
154	miR-146a and miR-181a are involved in the progression of mild cognitive impairment to Alzheimer's disease. <i>Neurobiology of Aging</i> , 2019 , 82, 102-109	5.6	41
153	Variation in GNB3 predicts response and adverse reactions to antidepressants. <i>Journal of Psychopharmacology</i> , 2011 , 25, 867-74	4.6	40
152	Genotypes and haplotypes in the IL-1 gene cluster: analysis of two genetically and diagnostically distinct groups of Alzheimer patients. <i>Neurobiology of Aging</i> , 2005 , 26, 455-64	5.6	40
151	A multi-element psychosocial intervention for early psychosis (GET UP PIANO TRIAL) conducted in a catchment area of 10 million inhabitants: study protocol for a pragmatic cluster randomized controlled trial. <i>Trials</i> , 2012 , 13, 73	2.8	38
150	The new Alzheimer's criteria in a naturalistic series of patients with mild cognitive impairment. <i>Journal of Neurology</i> , 2010 , 257, 2004-14	5.5	38
149	Epidemiology of myotonic dystrophy in Italy: re-appraisal after genetic diagnosis. <i>Clinical Genetics</i> , 2001 , 59, 344-9	4	38
148	Risk prediction for clinical phenotype in myotonic dystrophy type 1: data from 2,650 patients. <i>Genetic Testing and Molecular Biomarkers</i> , 2007 , 11, 84-90		37
147	(CTG) _n triplet mutation and phenotype manifestations in myotonic dystrophy patients. <i>Biochemical Medicine and Metabolic Biology</i> , 1993 , 50, 85-92		37
146	The influence of psychiatric screening in healthy populations selection: a new study and meta-analysis of functional 5-HTTLPR and rs25531 polymorphisms and anxiety-related personality traits. <i>BMC Psychiatry</i> , 2011 , 11, 50	4.2	36
145	Mapping genomic loci implicates genes and synaptic biology in schizophrenia.. <i>Nature</i> , 2022 ,	50.4	35
144	Role of allelic variants of FK506-binding protein 51 (FKBP5) gene in the development of anxiety disorders. <i>Depression and Anxiety</i> , 2013 , 30, 1170-6	8.4	34

143	Antidepressant treatments change 5-HT _{2C} receptor mRNA expression in rat prefrontal/frontal cortex and hippocampus. <i>Neuropsychobiology</i> , 2011 , 63, 160-8	4	34
142	Selective regulation of presynaptic calcium/calmodulin-dependent protein kinase II by psychotropic drugs. <i>Biological Psychiatry</i> , 2003 , 53, 442-9	7.9	34
141	Antidepressants activate CaMKII in neuron cell body by Thr286 phosphorylation. <i>NeuroReport</i> , 2004 , 15, 2393-6	1.7	34
140	MCP-1 gene (SCYA2) and schizophrenia: a case-control association study. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2005 , 132B, 1-4	3.5	34
139	Serotonin transporter gene polymorphisms and treatment-resistant depression. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2010 , 34, 934-9	5.5	32
138	Myotonic dystrophy: tissue-specific effect of somatic CTG expansions on allele-specific DMAHP/SIX5 expression. <i>Human Molecular Genetics</i> , 1999 , 8, 1017-23	5.6	32
137	Male hypogonadism in myotonic dystrophy is related to (CTG) _n triplet mutation. <i>Journal of Endocrinological Investigation</i> , 1994 , 17, 381-3	5.2	32
136	Serum brain-derived neurotrophic factor (BDNF) levels in attention deficit-hyperactivity disorder (ADHD). <i>European Child and Adolescent Psychiatry</i> , 2014 , 23, 173-7	5.5	31
135	Expression of receptors for native and chemically modified low-density lipoproteins in brain microvessels. <i>FEBS Letters</i> , 1997 , 401, 53-8	3.8	31
134	Influence of serotonin receptor 2A His452Tyr polymorphism on brain temporal structures: a volumetric MR study. <i>European Journal of Human Genetics</i> , 2006 , 14, 443-9	5.3	31
133	Non-Ceruloplasmin Copper Distinct Subtypes in Alzheimer's Disease: a Genetic Study of ATP7B Frequency. <i>Molecular Neurobiology</i> , 2017 , 54, 671-681	6.2	30
132	The MCP-1 gene (SCYA2) and mood disorders: preliminary results of a case-control association study. <i>NeuroImmunoModulation</i> , 2010 , 17, 126-31	2.5	30
131	The GRM7 gene, early response to risperidone, and schizophrenia: a genome-wide association study and a confirmatory pharmacogenetic analysis. <i>Pharmacogenomics Journal</i> , 2017 , 17, 146-154	3.5	29
130	Seizure Adequacy Markers and the Prediction of Electroconvulsive Therapy Response. <i>Journal of ECT</i> , 2016 , 32, 88-92	2	29
129	α-Synuclein and Glia in Parkinson's Disease: A Beneficial or a Detrimental Duet for the Endo-Lysosomal System?. <i>Cellular and Molecular Neurobiology</i> , 2019 , 39, 161-168	4.6	29
128	Association between baseline serum vascular endothelial growth factor levels and response to electroconvulsive therapy. <i>Acta Psychiatrica Scandinavica</i> , 2014 , 129, 461-6	6.5	28
127	Study on GRIA2, GRIA3 and GRIA4 genes highlights a positive association between schizophrenia and GRIA3 in female patients. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2008 , 147B, 745-53	3.5	28
126	Association study of -1727 A/T, -50 C/T and (CAA) _n repeat GSK-3β gene polymorphisms with schizophrenia. <i>Neuropsychobiology</i> , 2004 , 50, 16-20	4	28

125	Insulin-like Growth Factor 1 Differentially Affects Lithium Sensitivity of Lymphoblastoid Cell Lines from Lithium Responder and Non-responder Bipolar Disorder Patients. <i>Journal of Molecular Neuroscience</i> , 2015 , 56, 681-7	3.3	27
124	Alterations of brain-derived neurotrophic factor serum levels in patients with alcohol dependence. <i>Alcoholism: Clinical and Experimental Research</i> , 2011 , 35, 1529-33	3.7	27
123	Expression study of survival motor neuron gene in human fetal tissues. <i>Biochemical and Molecular Medicine</i> , 1997 , 61, 102-6		27
122	Influence of clotting duration on brain-derived neurotrophic factor (BDNF) dosage in serum. <i>BioTechniques</i> , 2014 , 57, 111-4	2.5	26
121	Founder effect and estimation of the age of the Progranulin Thr272fs mutation in 14 Italian pedigrees with frontotemporal lobar degeneration. <i>Neurobiology of Aging</i> , 2011 , 32, 555.e1-8	5.6	26
120	No evidence for allelic association of serotonin 2A receptor and transporter gene polymorphisms with depression in Alzheimer disease. <i>Journal of Alzheimer's Disease</i> , 2006 , 10, 371-8	4.3	26
119	Dopaminergic D2 receptor activation modulates FGF-2 gene expression in rat prefrontal cortex and hippocampus. <i>Journal of Neuroscience Research</i> , 2003 , 74, 74-80	4.4	25
118	Serine/threonine kinases as molecular targets of antidepressants: implications for pharmacological treatment and pathophysiology of affective disorders 2001 , 89, 149-70		25
117	A single polymerase chain reaction-based protocol for detecting normal and expanded alleles in myotonic dystrophy. <i>Diagnostic Molecular Pathology</i> , 1998 , 7, 135-7		25
116	Dementia, delusions and seizures: storage disease or genetic AD?. <i>European Journal of Neurology</i> , 2007 , 14, 1057-9	6	24
115	Glucose metabolism alterations in patients with bipolar disorder. <i>Journal of Affective Disorders</i> , 2015 , 184, 293-8	6.6	23
114	Ropinirole and Pramipexole Promote Structural Plasticity in Human iPSC-Derived Dopaminergic Neurons via BDNF and mTOR Signaling. <i>Neural Plasticity</i> , 2018 , 2018, 4196961	3.3	23
113	Association between the c. 2495 A>G ATP7B Polymorphism and Sporadic Alzheimer's Disease. <i>International Journal of Alzheimer's Disease</i> , 2011 , 2011, 973692	3.7	23
112	Clinical and hormonal aspects of male hypogonadism in myotonic dystrophy. <i>Italian Journal of Neurological Sciences</i> , 1996 , 17, 59-65		23
111	Human elongation factor EF-1 beta: cloning and characterization of the EF1 beta 5a gene and assignment of EF-1 beta isoforms to chromosomes 2,5,15 and X. <i>Biochemical and Biophysical Research Communications</i> , 1993 , 197, 154-62	3.4	23
110	Immune and metabolic alterations in first episode psychosis (FEP) patients. <i>Brain, Behavior, and Immunity</i> , 2018 , 70, 315-324	16.6	22
109	Genetic variation in the G720/G30 gene locus (DAOA) influences the occurrence of psychotic symptoms in patients with Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , 2009 , 18, 953-60	4.3	22
108	3' UTR (AGG) _n repeat of glial cell line-derived neurotrophic factor (GDNF) gene polymorphism in schizophrenia. <i>Neuroscience Letters</i> , 2004 , 357, 235-7	3.3	22

107	Allelic variation in the human prodynorphin gene promoter and schizophrenia. <i>Neuropsychobiology</i> , 2002 , 46, 17-21	4	21
106	Acute Footshock Stress Induces Time-Dependent Modifications of AMPA/NMDA Protein Expression and AMPA Phosphorylation. <i>Neural Plasticity</i> , 2016 , 2016, 7267865	3.3	21
105	Copy number variants in attention-deficit hyperactive disorder: identification of the 15q13 deletion and its functional role. <i>Psychiatric Genetics</i> , 2015 , 25, 59-70	2.9	20
104	Role of Dopamine D2/D3 Receptors in Development, Plasticity, and Neuroprotection in Human iPSC-Derived Midbrain Dopaminergic Neurons. <i>Molecular Neurobiology</i> , 2018 , 55, 1054-1067	6.2	20
103	Schizophrenia susceptibility and NMDA-receptor mediated signalling: an association study involving 32 tagSNPs of DAO, DAOA, PPP3CC, and DTNBP1 genes. <i>BMC Medical Genetics</i> , 2013 , 14, 33	2.1	20
102	Next Generation Sequencing Analysis in Early Onset Dementia Patients. <i>Journal of Alzheimer's Disease</i> , 2019 , 67, 243-256	4.3	20
101	Clinical and medial temporal features in a family with mood disorders. <i>Neuroscience Letters</i> , 2010 , 468, 93-7	3.3	19
100	Treatment-Resistant Schizophrenia: Genetic and Neuroimaging Correlates. <i>Frontiers in Pharmacology</i> , 2019 , 10, 402	5.6	18
99	Atypical presentation of a novel Presenilin 1 R377W mutation: sporadic, late-onset Alzheimer disease with epilepsy and frontotemporal atrophy. <i>Neurological Sciences</i> , 2012 , 33, 375-8	3.5	18
98	The role of GRIK4 gene in treatment-resistant depression. <i>Genetical Research</i> , 2015 , 97, e14	1.1	17
97	Proteasome system dysregulation and treatment resistance mechanisms in major depressive disorder. <i>Translational Psychiatry</i> , 2015 , 5, e687	8.6	17
96	Genetic background predicts poor prognosis in frontotemporal lobar degeneration. <i>Neurodegenerative Diseases</i> , 2011 , 8, 289-95	2.3	17
95	Discordant clinical outcome in myotonic dystrophy relatives showing (CTG) _n > 700 repeats. <i>Neuromuscular Disorders</i> , 1995 , 5, 157-9	2.9	17
94	Two pedigrees of autosomal dominant atrioventricular canal defect (AVCD): exclusion from the critical region on 8p. <i>American Journal of Medical Genetics Part A</i> , 1995 , 57, 483-8		17
93	Possible influence of a non-synonymous polymorphism located in the NGF precursor on susceptibility to late-onset Alzheimer's disease and mild cognitive impairment. <i>Journal of Alzheimer's Disease</i> , 2012 , 29, 699-705	4.3	16
92	ErbB3 mRNA leukocyte levels as a biomarker for major depressive disorder. <i>BMC Psychiatry</i> , 2012 , 12, 145	4.2	15
91	An association of GRIK3 Ser310Ala functional polymorphism with personality traits. <i>Neuropsychobiology</i> , 2009 , 59, 28-33	4	15
90	Combined alpha 2-adrenergic/D2 dopamine receptor blockade fails to reproduce the ability of clozapine to reverse phencyclidine-induced deficits in prepulse inhibition of startle. <i>Psychopharmacology</i> , 2001 , 159, 105-10	4.7	15

89	Correlation of Sfil macrorestriction endonuclease fingerprint analysis of Candida parapsilosis isolates with source of isolation. <i>Journal of Medical Microbiology</i> , 1996 , 45, 173-8	3.2	15
88	Analysis of apoB, HLADQ alpha, and D1S80 polymorphisms in the Italian population using the polymerase chain reaction. <i>American Journal of Human Biology</i> , 1992 , 4, 381-386	2.7	15
87	PCLO gene: its role in vulnerability to major depressive disorder. <i>Journal of Affective Disorders</i> , 2012 , 139, 250-5	6.6	14
86	Molecular signature of disease onset in granulin mutation carriers: a gene expression analysis study. <i>Neurobiology of Aging</i> , 2013 , 34, 1837-45	5.6	14
85	BDNF Val66Met polymorphism and protein levels in amniotic fluid. <i>BMC Neuroscience</i> , 2010 , 11, 16	3.2	14
84	MTHFR: Genetic variants, expression analysis and COMT interaction in major depressive disorder. <i>Journal of Affective Disorders</i> , 2015 , 183, 179-86	6.6	13
83	Reduction of the DM-associated homeo domain protein (DMAHP) mRNA in different brain areas of myotonic dystrophy patients. <i>Neuromuscular Disorders</i> , 1999 , 9, 215-9	2.9	13
82	Exclusion of linkage with chromosome 21 in families with recurrence of non-Down's atrioventricular canal. <i>Human Genetics</i> , 1994 , 94, 708-10	6.3	13
81	The Role of Metabotropic Glutamate Receptor Genes in Schizophrenia. <i>Current Neuropharmacology</i> , 2016 , 14, 540-50	7.6	13
80	Genetic Counseling and Testing for Alzheimer's Disease and Frontotemporal Lobar Degeneration: An Italian Consensus Protocol. <i>Journal of Alzheimer's Disease</i> , 2016 , 51, 277-91	4.3	13
79	Extracellular clusterin limits the uptake of A β nucleic fibrils by murine and human astrocytes. <i>Glia</i> , 2021 , 69, 681-696	9	13
78	Postzygotic instability of the myotonic dystrophy p[AGC] in repeat supported by larger expansions in muscle and reduced amplifications in sperm. <i>Journal of Neurology</i> , 1995 , 242, 379-83	5.5	12
77	miR-146a Plasma Levels Are Not Altered in Alzheimer's Disease but Correlate With Age and Illness Severity. <i>Frontiers in Aging Neuroscience</i> , 2019 , 11, 366	5.3	11
76	Serum sortilin-derived propeptides concentrations are decreased in major depressive disorder patients. <i>Journal of Affective Disorders</i> , 2017 , 208, 443-447	6.6	11
75	Association study and mutational screening of SYNGR1 as a candidate susceptibility gene for schizophrenia. <i>Psychiatric Genetics</i> , 2009 , 19, 237-43	2.9	11
74	VEGF haplotypes are associated with increased risk to progressive supranuclear palsy and corticobasal syndrome. <i>Journal of Alzheimer's Disease</i> , 2010 , 21, 87-94	4.3	11
73	Reduced activation of intracellular signaling pathways in rat prefrontal cortex after chronic phencyclidine administration. <i>Pharmacological Research</i> , 2008 , 57, 296-302	10.2	11
72	First-trimester prenatal diagnosis of spinal muscular atrophy using microsatellite markers. <i>Prenatal Diagnosis</i> , 1994 , 14, 459-62	3.2	11

71	Exome sequencing in schizophrenic patients with high levels of homozygosity identifies novel and extremely rare mutations in the GABA/glutamatergic pathways. <i>PLoS ONE</i> , 2017 , 12, e0182778	3.7	11
70	Long-term soluble Abeta1-40 activates CaM kinase II in organotypic hippocampal cultures. <i>Neurobiology of Aging</i> , 2007 , 28, 1388-95	5.6	10
69	No association between Ala9Val functional polymorphism of MnSOD gene and schizophrenia in a representative Italian sample. <i>Neuroscience Letters</i> , 2006 , 410, 208-11	3.3	10
68	Long-term treatment with S-adenosylmethionine induces changes in presynaptic CaM kinase II and synapsin I. <i>Biological Psychiatry</i> , 2001 , 50, 337-44	7.9	10
67	3' creatine kinase (M-type) polymorphisms linked to myotonic dystrophy in Italian and Spanish populations. <i>Human Genetics</i> , 1991 , 87, 654-6	6.3	10
66	Childhood trauma and glucose metabolism in patients with first-episode psychosis. <i>Psychoneuroendocrinology</i> , 2020 , 113, 104536	5	10
65	A novel homozygous mutation in GAD1 gene described in a schizophrenic patient impairs activity and dimerization of GAD67 enzyme. <i>Scientific Reports</i> , 2018 , 8, 15470	4.9	10
64	Serum leptin levels are higher in females affected by frontotemporal lobar degeneration than Alzheimer's disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2008 , 79, 712-5	5.5	9
63	Decreased hippocampal BDNF expression after acute systemic injection of quinpirole. <i>Neuropharmacology</i> , 2001 , 40, 954-7	5.5	9
62	Correlations between immune and metabolic serum markers and schizophrenia/bipolar disorder polygenic risk score in first-episode psychosis. <i>Microbial Biotechnology</i> , 2020 , 14, 507-511	3.3	9
61	Influence of GRIK4 genetic variants on the electroconvulsive therapy response. <i>Neuroscience Letters</i> , 2016 , 626, 94-8	3.3	8
60	Understanding phenotype variability in frontotemporal lobar degeneration due to granulin mutation. <i>Neurobiology of Aging</i> , 2014 , 35, 1206-11	5.6	8
59	Effect of the XbaI polymorphism of estrogen receptor alpha on postmenopausal gray matter. <i>Neuroscience Letters</i> , 2008 , 434, 304-9	3.3	8
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