Pierandrea Muglia

List of Publications by Year
in descending order

135 papers	23,094 citations	23500 58 h-index	12233 133 g-index
139 all docs	139 docs citations	139 times ranked	27639 citing authors

#	Article	IF	Citations
1	Genetic relationship between five psychiatric disorders estimated from genome-wide SNPs. Nature Genetics, 2013, 45, 984-994.	9.4	2,067
2	Genome-wide association study identifies five new schizophrenia loci. Nature Genetics, 2011, 43, 969-976.	9.4	1,758
3	Large recurrent microdeletions associated with schizophrenia. Nature, 2008, 455, 232-236.	13.7	1,619
4	Common variants conferring risk of schizophrenia. Nature, 2009, 460, 744-747.	13.7	1,572
5	Large-Scale Exome Sequencing Study Implicates Both Developmental and Functional Changes in the Neurobiology of Autism. Cell, 2020, 180, 568-584.e23.	13.5	1,422
6	Large-scale genome-wide association analysis of bipolar disorder identifies a new susceptibility locus near ODZ4. Nature Genetics, 2011, 43, 977-983.	9.4	1,283
7	A mega-analysis of genome-wide association studies for major depressive disorder. Molecular Psychiatry, 2013, 18, 497-511.	4.1	1,002
8	Psychiatric genome-wide association study analyses implicate neuronal, immune and histone pathways. Nature Neuroscience, 2015, 18, 199-209.	7.1	701
9	Meta-analysis and imputation refines the association of 15q25 with smoking quantity. Nature Genetics, 2010, 42, 436-440.	9.4	581
10	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, 651-655.	2.6	544
11	Î±-5/Î±-3 nicotinic receptor subunit alleles increase risk for heavy smoking. Molecular Psychiatry, 2008, 13, 368-373.	4.1	437
12	Genomewide Association Studies: History, Rationale, and Prospects for Psychiatric Disorders. American Journal of Psychiatry, 2009, 166, 540-556.	4.0	391
13	A Genome-Wide Investigation of SNPs and CNVs in Schizophrenia. PLoS Genetics, 2009, 5, e1000373.	1.5	383
14	Novel insights into the genetics of smoking behaviour, lung function, and chronic obstructive pulmonary disease (UK BiLEVE): a genetic association study in UK Biobank. Lancet Respiratory Medicine,the, 2015, 3, 769-781.	5.2	346
15	Genome-wide association study identifies 19p13.3 (UNC13A) and 9p21.2 as susceptibility loci for sporadic amyotrophic lateral sclerosis. Nature Genetics, 2009, 41, 1083-1087.	9.4	344
16	Genome-wide association study of migraine implicates a common susceptibility variant on 8q22.1. Nature Genetics, 2010, 42, 869-873.	9.4	332
17	The Parkinson's progression markers initiative (PPMI) â€“ establishing a PD biomarker cohort. Annals of Clinical and Translational Neurology, 2018, 5, 1460-1477.	1.7	330
18	Genome-Wide Pharmacogenetics of Antidepressant Response in the GENDEP Project. American Journal of Psychiatry, 2010, 167, 555-564.	4.0	314

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19	LRRTM1 on chromosome 2p12 is a maternally suppressed gene that is associated paternally with handedness and schizophrenia. Molecular Psychiatry, 2007, 12, 1129-1139.	4.1	300
20	Plasma Protein Biomarkers for Depression and Schizophrenia by Multi Analyte Profiling of Case-Control Collections. PLoS ONE, 2010, 5, e9166.	1.1	294
21	Genome-wide association and meta-analysis of bipolar disorder in individuals of European ancestry. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 7501-7506.	3.3	274
22	Copy number variations of chromosome 16p13.1 region associated with schizophrenia. Molecular Psychiatry, 2011, 16, 17-25.	4.1	227
23	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.	2.6	225
24	Genome-Wide Association Study of Major Recurrent Depression in the U.K. Population. American Journal of Psychiatry, 2010, 167, 949-957.	4.0	221
25	Genome-wide association study of recurrent major depressive disorder in two European caseâ€“control cohorts. Molecular Psychiatry, 2010, 15, 589-601.	4.1	215
26	Identification of Pathways for Bipolar Disorder. JAMA Psychiatry, 2014, 71, 657.	6.0	204
27	Common variants at VRK2 and TCF4 conferring risk of schizophrenia. Human Molecular Genetics, 2011, 20, 4076-4081.	1.4	193
28	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.	1.5	183
29	The PsyCoLaus study: methodology and characteristics of the sample of a population-based survey on psychiatric disorders and their association with genetic and cardiovascular risk factors. BMC Psychiatry, 2009, 9, 9.	1.1	182
30	Genome-wide association study meta-analysis of European and Asian-ancestry samples identifies three novel loci associated with bipolar disorder. Molecular Psychiatry, 2013, 18, 195-205.	4.1	180
31	Decisionâ€Making Deficits and Overeating: A Risk Model for Obesity. Obesity, 2004, 12, 929-935.	4.0	166
32	Meta-analysis of genome-wide association data identifies a risk locus for major mood disorders on 3p21.1. Nature Genetics, 2010, 42, 128-131.	9.4	152
33	Psychosis Susceptibility Gene ZNF804A and Cognitive Performance in Schizophrenia. Archives of General Psychiatry, 2010, 67, 692.	13.8	129
34	Adult attention deficit hyperactivity disorder and the dopamine D4 receptor gene. American Journal of Medical Genetics Part A, 2000, 96, 273-277.	2.4	127
35	Factor structure and external validity of the PANSS revisited. Schizophrenia Research, 2006, 82, 213-223.	1.1	124
36	Association of GSK3Î² Polymorphisms With Brain Structural Changes in Major Depressive Disorder. Archives of General Psychiatry, 2009, 66, 721.	13.8	121

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37	Genetic Schizophrenia Risk Variants Jointly Modulate Total Brain and White Matter Volume. Biological Psychiatry, 2013, 73, 525-531.	0.7	119
38	Biological Validation of Increased Schizophrenia Risk With NRG1, ERBB4, and AKT1 Epistasis via Functional Neuroimaging in Healthy Controls. Archives of General Psychiatry, 2010, 67, 991.	13.8	113
39	Runs of Homozygosity Implicate Autozygosity as a Schizophrenia Risk Factor. PLoS Genetics, 2012, 8, e1002656.	1.5	109
40	Genome-wide association study of bipolar disorder in Canadian and UK populations corroborates disease loci including SYNE1 and CSMD1. BMC Medical Genetics, 2014, 15, 2.	2.1	106
41	Large-scale targeted sequencing identifies risk genes for neurodevelopmental disorders. Nature Communications, 2020, 11, 4932.	5.8	105
42	Genetic Differences in the Immediate Transcriptome Response to Stress Predict Risk-Related Brain Function and Psychiatric Disorders. Neuron, 2015, 86, 1189-1202.	3.8	102
43	Genomewide Association Scan of Suicidal Thoughts and Behaviour in Major Depression. PLoS ONE, 2011, 6, e20690.	1.1	98
44	Maternally Derived Microduplications at 15q11-q13: Implication of Imprinted Genes in Psychotic Illness. American Journal of Psychiatry, 2011, 168, 408-417.	4.0	95
45	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, 665-669.	0.7	94
46	Clinical and dopamine transporter imaging characteristics of non-manifest LRRK2 and GBA mutation carriers in the Parkinson's Progression Markers Initiative (PPMI): a cross-sectional study. Lancet Neurology, The, 2020, 19, 71-80.	4.9	94
47	Long-Term Risperidone for Pervasive Developmental Disorder: Efficacy, Tolerability, and Discontinuation. Journal of Child and Adolescent Psychopharmacology, 2000, 10, 79-90.	0.7	93
48	Evidence of statistical epistasis between DISC1, CIT and NDEL1 impacting risk for schizophrenia: biological validation with functional neuroimaging. Human Genetics, 2010, 127, 441-452.	1.8	93
49	Childhood Inattention and Dysphoria and Adult Obesity Associated with the Dopamine D4 receptor Gene in Overeating Women with Seasonal Affective Disorder. Neuropsychopharmacology, 2004, 29, 179-186.	2.8	90
50	Pathway-based approaches to imaging genetics association studies: Wnt signaling, GSK3beta substrates and major depression. NeuroImage, 2010, 53, 908-917.	2.1	86
51	Dopamine D4 receptor and tyrosine hydroxylase genes in bipolar disorder: evidence for a role of DRD4. Molecular Psychiatry, 2002, 7, 860-866.	4.1	77
52	Association between the BDNF gene and schizophrenia. Molecular Psychiatry, 2003, 8, 147-148.	4.1	77
53	Copy number variant study of bipolar disorder in Canadian and UK populations implicates synaptic genes. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2014, 165, 303-313.	1.1	76
54	Consensus paper of the WFSBP Task Force on Genetics: Genetics, epigenetics and gene expression markers of major depressive disorder and antidepressant response. World Journal of Biological Psychiatry, 2017, 18, 5-28.	1.3	75

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55	A Genome-Wide Association Study of Neuroticism in a Population-Based Sample. PLoS ONE, 2010, 5, e11504.	1.1	71
56	Pharmacogenetics of antipsychotic-induced weight gain. Pharmacological Research, 2004, 49, 309-329.	3.1	69
57	Stressful life events and the brain-derived neurotrophic factor gene in bipolar disorder. Journal of Affective Disorders, 2010, 125, 345-349.	2.0	68
58	Failure to replicate effect of kibra on human memory in two large cohorts of European origin. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2008, 147B, 667-668.	1.1	62
59	Investigation of the Genetic Association between Quantitative Measures of Psychosis and Schizophrenia: A Polygenic Risk Score Analysis. PLoS ONE, 2012, 7, e37852.	1.1	60
60	Association of DISC1 and TSNAX genes and affective disorders in the depression caseâ€“control (DeCC) and bipolar affective caseâ€“control (BACCS) studies. Molecular Psychiatry, 2010, 15, 844-849.	4.1	59
61	The association between lower educational attainment and depression owing to shared genetic effects? Results in ~25â€‰000 subjects. Molecular Psychiatry, 2015, 20, 735-743.	4.1	59
62	Don't give up on GWAS. Molecular Psychiatry, 2012, 17, 2-3.	4.1	54
63	Family history of depression is associated with younger age of onset in patients with recurrent depression. Psychological Medicine, 2008, 38, 641-649.	2.7	53
64	A large replication study and meta-analysis in European samples provides further support for association of AHI1 markers with schizophrenia. Human Molecular Genetics, 2010, 19, 1379-1386.	1.4	51
65	Admixture analysis of age at onset in bipolar disorder. Psychiatry Research, 2011, 185, 27-32.	1.7	51
66	A Genome-Wide Significant Linkage for Severe Depression on Chromosome 3: The Depression Network Study. American Journal of Psychiatry, 2011, 168, 840-847.	4.0	51
67	A common biological basis of obesity and nicotine addiction. Translational Psychiatry, 2013, 3, e308-e308.	2.4	51
68	GRIN2B gain of function mutations are sensitive to radiprodil, a negative allosteric modulator of GluN2B-containing NMDA receptors. Neuropharmacology, 2017, 123, 322-331.	2.0	50
69	Neuropsychological effects of the <scp>CSMD1</scp> genomeâ€wide associated schizophrenia risk variant rs10503253. Genes, Brain and Behavior, 2013, 12, 203-209.	1.1	48
70	Genetics of schizophrenia: A consensus paper of the WFSBP Task Force on Genetics. World Journal of Biological Psychiatry, 2017, 18, 492-505.	1.3	48
71	Estimating the heritability of reporting stressful life events captured by common genetic variants. Psychological Medicine, 2013, 43, 1965-1971.	2.7	46
72	Association study of brainâ€derived neurotrophic factor (BDNF) and LINâ€7 homolog (LINâ€7) genes with adult attentionâ€deficit/hyperactivity disorder. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2008, 147B, 945-951.	1.1	45

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73	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.	13.8	45
74	The AVPR1A Gene and Substance Use Disorders: Association, Replication, and Functional Evidence. Biological Psychiatry, 2011, 70, 519-527.	0.7	45
75	Genome-wide association analysis of copy number variation in recurrent depressive disorder. Molecular Psychiatry, 2013, 18, 183-189.	4.1	45
76	A singleâ€center, openâ€label positron emission tomography study to evaluate brivaracetam and levetiracetam synaptic vesicle glycoprotein 2A binding in healthy volunteers. Epilepsia, 2019, 60, 958-967.	2.6	45
77	Structural Brain Changes in Patients with Recurrent Major Depressive Disorder Presenting with Anxiety Symptoms. , 2011, 21, 375-382.		44
78	Candidate Gene Analysis of the Human Natural Killer-1 Carbohydrate Pathway and Perineuronal Nets in Schizophrenia: B3GAT2 Is Associated with Disease Risk and Cortical Surface Area. Biological Psychiatry, 2011, 69, 90-96.	0.7	42
79	ADAMTSL3 as a candidate gene for schizophrenia: Gene sequencing and ultra-high density association analysis by imputation. Schizophrenia Research, 2011, 127, 28-34.	1.1	42
80	Effects of the calcium antagonist isradipine on cocaine intravenous self-administration in rats. Psychopharmacology, 1994, 113, 378-380.	1.5	41
81	Serotonin transporter gene and adverse life events in adult ADHD. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2008, 147B, 1461-1469.	1.1	41
82	Schizophrenia genetic variants are not associated with intelligence. Psychological Medicine, 2013, 43, 2563-2570.	2.7	40
83	The association of rs4307059 and rs35678 markers with autism spectrum disorders is replicated in Italian families. Psychiatric Genetics, 2012, 22, 177-181.	0.6	39
84	A transmission disequilibrium test of the Ser9/Gly dopamine D3 receptor gene polymorphism in adult attention-deficit hyperactivity disorder. Behavioural Brain Research, 2002, 130, 91-95.	1.2	38
85	Population-based linkage analysis of schizophrenia and bipolar caseâ€“control cohorts identifies a potential susceptibility locus on 19q13. Molecular Psychiatry, 2010, 15, 319-325.	4.1	38
86	A correction for sample overlap in genome-wide association studies in a polygenic pleiotropy-informed framework. BMC Genomics, 2018, 19, 494.	1.2	37
87	Dopamine Transporter Neuroimaging as an Enrichment Biomarker in Early Parkinson's Disease Clinical Trials: A Disease Progression Modeling Analysis. Clinical and Translational Science, 2018, 11, 63-70.	1.5	36
88	Association of the dystrobrevin binding protein 1 gene (DTNBP1) in a bipolar caseâ€“control study (BACCS). American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2009, 150B, 836-844.	1.1	33
89	99A Quantitative Trait Locus Analysis of the Dopamine Transporter Gene in Adults with ADHD. Neuropsychopharmacology, 2002, 27, 655-62.	2.8	32
90	No evidence of linkage or association between the norepinephrine transporter (NET) geneMnlI polymorphism and adult ADHD. American Journal of Medical Genetics Part A, 2004, 124B, 38-40.	2.4	31

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91	Dissecting the Genetic Heterogeneity of Depression Through Age at Onset. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2012, 159B, 859-868.	1.1	31
92	No association between a common single nucleotide polymorphism, rs4141463, in the MACROD2 gene and autism spectrum disorder. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2011, 156, 633-639.	1.1	30
93	Attention-deficit/hyperactivity disorder: a neuropsychiatric disorder with childhood onset. European Journal of Paediatric Neurology, 2000, 4, 53-62.	0.7	29
94	Discovery of a null mutation in a human trace amine receptor gene. Genomics, 2003, 82, 531-536.	1.3	28
95	Variability in Working Memory Performance Explained by Epistasis vs Polygenic Scores in theZNF804APathway. JAMA Psychiatry, 2014, 71, 778.	6.0	28
96	Psychiatric pharmacogenetics: personalizing psychostimulant therapy in attention-deficit/hyperactivity disorder. Behavioural Brain Research, 2002, 130, 85-90.	1.2	27
97	Unravelling the GSK3Î²-related genotypic interaction network influencing hippocampal volume in recurrent major depressive disorder. Psychiatric Genetics, 2018, 28, 77-84.	0.6	27
98	The Bipolar Association Caseâ€“Control Study (BACCS) and metaâ€analysis: No association with the 5,10â€Methylenetetrahydrofolate reductase gene and bipolar disorder. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2010, 153B, 1298-1304.	1.1	26
99	NS11821, a partial subtype-selective GABA_A agonist, elicits selective effects on the central nervous system in randomized controlled trial with healthy subjects. Journal of Psychopharmacology, 2016, 30, 253-262.	2.0	25
100	The search for peripheral disease markers in psychiatry by genomic and proteomic approaches. Expert Opinion on Medical Diagnostics, 2007, 1, 235-251.	1.6	23
101	A neuropsychological investigation of the genome wide associated schizophrenia risk variant NRGN rs12807809. Schizophrenia Research, 2011, 125, 304-306.	1.1	23
102	Longitudinal Measurements of Glucocerebrosidase activity in Parkinsonâ€™s patients. Annals of Clinical and Translational Neurology, 2020, 7, 1816-1830.	1.7	23
103	Adrenergic alpha 2C receptor genomic organization: Association study in adult ADHD. American Journal of Medical Genetics Part A, 2004, 127B, 65-67.	2.4	22
104	Linkage disequilibrium analysis of the dopamine beta-hydroxylase gene in persistent attention deficit hyperactivity disorder. Psychiatric Genetics, 2004, 14, 117-120.	0.6	22
105	From genes to therapeutic targets for psychiatric disorders â€“ what to expect?. Current Opinion in Pharmacology, 2011, 11, 563-571.	1.7	22
106	Polymorphisms in glutamate decarboxylase genes: analysis in schizophrenia. Psychiatric Genetics, 2004, 14, 39-42.	0.6	21
107	Long-term seizure outcomes in patients with drug resistant epilepsy. Seizure: the Journal of the British Epilepsy Association, 2018, 62, 74-78.	0.9	21
108	Radiprodil, a NR2B negative allosteric modulator, from bench to bedside in infantile spasm syndrome. Annals of Clinical and Translational Neurology, 2020, 7, 343-352.	1.7	18

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109	A followâ€up caseâ€“control association study of tractable (druggable) genes in recurrent major depression. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2011, 156, 640-650.	1.1	17
110	Identification of altered dipeptidyl-peptidase activities as potential biomarkers for unipolar depression. Journal of Affective Disorders, 2013, 151, 667-672.	2.0	16
111	Genomeâ€wide association analysis accounting for environmental factors through propensityâ€score matching: Application to stressful live events in major depressive disorder. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2013, 162, 521-529.	1.1	16
112	Transcriptome signatures from discordant sibling pairs reveal changes in peripheral blood immune cell composition in Autism Spectrum Disorder. Translational Psychiatry, 2020, 10, 106.	2.4	16
113	Investigation of the dopamine D5 receptor gene (DRD5) in adult attention deficit hyperactivity disorder. Neuroscience Letters, 2008, 432, 50-53.	1.0	15
114	Investigating the genetic variation underlying episodicity in major depressive disorder: Suggestive evidence for a bipolar contribution. Journal of Affective Disorders, 2014, 155, 81-89.	2.0	15
115	Feasibility and safety of lumbar puncture in the Parkinson's disease research participants: Parkinson's Progression Marker Initiative (PPMI). Parkinsonism and Related Disorders, 2019, 62, 201-209.	1.1	15
116	Genetic variation in GOLM1 and prefrontal cortical volume in Alzheimer's disease. Neurobiology of Aging, 2012, 33, 457-465.	1.5	14
117	Alzheimer's disease pathology explains association between dementia with Lewy bodies and APOEâ€Îµ4/TOMM40 long polyâ€T repeat allele variants. Alzheimer's and Dementia: Translational Research and Clinical Interventions, 2019, 5, 814-824.	1.8	14
118	Drug Development for Rare Paediatric Epilepsies: Current State and Future Directions. Drugs, 2019, 79, 1917-1935.	4.9	13
119	A Drosophila Model for Attention Deficit Hyperactivity Disorder (ADHD) : No Evidence of Association with PRKG1 Gene. NeuroMolecular Medicine, 2002, 2, 281-288.	1.8	12
120	Methylphenidate enhances implicit learning in healthy adults. Journal of Psychopharmacology, 2018, 32, 70-80.	2.0	12
121	Use of a physiologically based pharmacokineticâ€“pharmacodynamic model for initial dose prediction and escalation during a paediatric clinical trial. British Journal of Clinical Pharmacology, 2021, 87, 1378-1389.	1.1	12
122	Antiparkinsonian effects of the "Radiprodil and Tozadenant" combination in MPTP-treated marmosets. PLoS ONE, 2017, 12, e0182887.	1.1	11
123	Padsevonil randomized Phase IIa trial in treatment-resistant focal epilepsy: a translational approach. Brain Communications, 2020, 2, fcaa183.	1.5	11
124	Association analysis of DAOA and DAO in bipolar disorder: results from two independent caseâ€control studies. Bipolar Disorders, 2010, 12, 579-581.	1.1	9
125	LRRTM1 protein is located in the endoplasmic reticulum (ER) in mammalian cells. Molecular Psychiatry, 2007, 12, 1057-1057.	4.1	8
126	Thyroid hormone transporter genes and grey matter changes in patients with major depressive disorder and healthy controls. Psychoneuroendocrinology, 2011, 36, 929-934.	1.3	6

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127	Analysis of RBFOX1 gene expression in lymphoblastoid cell lines of Italian discordant autism spectrum disorders sib-pairs. Molecular and Cellular Probes, 2014, 28, 242-245.	0.9	6
128	The Italian autism network (ITAN): a resource for molecular genetics and biomarker investigations. BMC Psychiatry, 2018, 18, 369.	1.1	6
129	No Association Between NRG1 and ErbB4 Genes and Psychopathological Symptoms of Schizophrenia. NeuroMolecular Medicine, 2014, 16, 742-751.	1.8	4
130	The Neurodevelopmental Hypothesis of Schizophrenia: Genetic Investigations. CNS Spectrums, 1999, 4, 78-84.	0.7	3
131	Hunting for Peripheral Biomarkers to Support Drug Development in Psychiatry. , 2008, , 405-426.		2
132	Calcium antagonists antagonize cocaine-induced place-preference and self-administration in rats. Pharmacological Research, 1992, 26, 78.	3.1	1
133	Discovering genetic polymorphism associated with gene expression levels across the whole genome. , 2009, 2009, 5466-9.		1
134	Metoprololâ€pridopidine drugâ€“drug interaction and food effect assessments of pridopidine, a new drug for treatment of Huntington's disease. British Journal of Clinical Pharmacology, 2017, 83, 2214-2224.	1.1	1
135	BLOOD-BASED AUTISM SPECTRUM DISORDER SIGNATURES FROM THE ITALIAN AUTISM NETWORK COLLECTION. European Neuropsychopharmacology, 2019, 29, S912.	0.3	0