Maria Martinez

List of Publications by Year
in descending order

93 papers	12,846 citations	53751 45 h-index	45285 90 g-index
96 all docs	96 docs citations	96 times ranked	17269 citing authors

#	Article	IF	Citations
1	Large-scale meta-analysis of genome-wide association data identifies six new risk loci for Parkinson's disease. Nature Genetics, 2014, 46, 989-993.	9.4	1,685
2	Identification of novel risk loci, causal insights, and heritable risk for Parkinson's disease: a meta-analysis of genome-wide association studies. Lancet Neurology, The, 2019, 18, 1091-1102.	4.9	1,414
3	Analysis of shared heritability in common disorders of the brain. Science, 2018, 360, .	6.0	1,085
4	Imputation of sequence variants for identification of genetic risks for Parkinson's disease: a meta-analysis of genome-wide association studies. Lancet, The, 2011, 377, 641-649.	6.3	845
5	Early-Onset Autosomal Dominant Alzheimer Disease: Prevalence, Genetic Heterogeneity, and Mutation Spectrum. American Journal of Human Genetics, 1999, 65, 664-670.	2.6	696
6	Comprehensive Research Synopsis and Systematic Meta-Analyses in Parkinson's Disease Genetics: The PDGene Database. PLoS Genetics, 2012, 8, e1002548.	1.5	495
7	Genome-Wide Scan for Autism Susceptibility Genes. Human Molecular Genetics, 1999, 8, 805-812.	1.4	453
8	New susceptibility locus for rheumatoid arthritis suggested by a genome-wide linkage study. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 10746-10750.	3.3	406
9	Unbiased screen for interactors of leucine-rich repeat kinase 2 supports a common pathway for sporadic and familial Parkinson disease. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 2626-2631.	3.3	342
10	Loss of VPS13C Function in Autosomal-Recessive Parkinsonism Causes Mitochondrial Dysfunction and Increases PINK1/Parkin-Dependent Mitophagy. American Journal of Human Genetics, 2016, 98, 500-513.	2.6	333
11	No Significant Association of 14 Candidate Genes With Schizophrenia in a Large European Ancestry Sample: Implications for Psychiatric Genetics. American Journal of Psychiatry, 2008, 165, 497-506.	4.0	323
12	Excessive burden of lysosomal storage disorder gene variants in Parkinsonâ€™s disease. Brain, 2017, 140, 3191-3203.	3.7	323
13	Mutations of the presenilin I gene in families with early-onset Alzheimer's disease. Human Molecular Genetics, 1995, 4, 2373-2377.	1.4	268
14	Suggestive Evidence for a Schizophrenia Susceptibility Locus on Chromosome 6q and a Confirmation in an Independent Series of Pedigrees. Genomics, 1997, 43, 1-8.	1.3	229
15	Genome-Wide Scan Identifies TNIP1, PSORS1C1, and RHOB as Novel Risk Loci for Systemic Sclerosis. PLoS Genetics, 2011, 7, e1002091.	1.5	205
16	Diagnosis of Parkinson's disease on the basis of clinical and genetic classification: a population-based modelling study. Lancet Neurology, The, 2015, 14, 1002-1009.	4.9	179
17	Using genome-wide complex trait analysis to quantify 'missing heritability' in Parkinson's disease. Human Molecular Genetics, 2012, 21, 4996-5009.	1.4	176
18	Genome-wide association study confirms BST1 and suggests a locus on 12q24 as the risk loci for Parkinson's disease in the European population. Human Molecular Genetics, 2011, 20, 615-627.	1.4	155

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19	Genomewide Linkage Scan of 409 European-Ancestry and African American Families with Schizophrenia: Suggestive Evidence of Linkage at 8p23.3-p21.2 and 11p13.1-q14.1 in the Combined Sample. American Journal of Human Genetics, 2006, 78, 315-333.	2.6	141
20	Genetic overlap between Alzheimerâ€™s disease and Parkinsonâ€™s disease at the MAPT locus. Molecular Psychiatry, 2015, 20, 1588-1595.	4.1	133
21	A pathway-based analysis provides additional support for an immune-related genetic susceptibility to Parkinson's disease. Human Molecular Genetics, 2013, 22, 1039-1049.	1.4	122
22	Negative, psychoticism, and disorganized dimensions in patients with familial schizophrenia or bipolar disorder: continuity and discontinuity between the major psychoses. American Journal of Psychiatry, 1995, 152, 1458-1463.	4.0	120
23	Polymorphisms in the Trace Amine Receptor 4 (TRAR4) Gene on Chromosome 6q23.2 Are Associated with Susceptibility to Schizophrenia. American Journal of Human Genetics, 2004, 75, 624-638.	2.6	101
24	Apolipoprotein E and Alzheimer disease: genotype-specific risks by age and sex. American Journal of Human Genetics, 1997, 60, 439-46.	2.6	100
25	NeuroX, a fast and efficient genotyping platform for investigation of neurodegenerative diseases. Neurobiology of Aging, 2015, 36, 1605.e7-1605.e12.	1.5	96
26	Follow-up study on a susceptibility locus for schizophrenia on chromosome 6q. , 1999, 88, 337-343.		95
27	Long-Term Stability of Diagnosis and Symptom Dimensions in a Systematic Sample of Patients with Onset of Schizophrenia in Childhood and Early Adolescence. II: Positive/Negative Distinction and Childhood Predictors of Adult Outcome. British Journal of Psychiatry, 1996, 169, 371-378.	1.7	77
28	Transethnic meta-analysis identifies GSDMA and PRDM1 as susceptibility genes to systemic sclerosis. Annals of the Rheumatic Diseases, 2017, 76, 1150-1158.	0.5	77
29	A novel presenilin 1 mutation resulting in familial AlzheimerÊ¼s disease with an onset age of 29 years. NeuroReport, 1996, 7, 1582-1584.	0.6	75
30	Genetic mapping of the Gs-Î± subunit gene (GNAS1) to the distal long arm of chromosome 20 using a polymorphism detected by denaturing gradient gel electrophoresis. Genomics, 1991, 9, 782-783.	1.3	74
31	Different familial transmission patterns in bipolar I disorder with onset before and after age 25. American Journal of Medical Genetics Part A, 2001, 105, 765-773.	2.4	74
32	Long-Term Stability of Diagnosis and Symptom Dimensions in a Systematic Sample of Patients with Onset of Schizophrenia in Childhood and Early Adolescence. I: Nosology, Sex and Age of Onset. British Journal of Psychiatry, 1996, 169, 361-370.	1.7	68
33	The endocytic membrane trafficking pathway plays a major role in the risk of Parkinson's disease. Movement Disorders, 2019, 34, 460-468.	2.2	66
34	Apolipoprotein E Ïµ4 Allele and Familial Aggregation of Alzheimer Disease. Archives of Neurology, 1998, 55, 810.	4.9	65
35	Haplotypic association spanning the 22q11.21 genes COMT and ARVCF with schizophrenia. Molecular Psychiatry, 2005, 10, 353-365.	4.1	63
36	Association between tumor necrosis factor receptor II and familial, but not sporadic, rheumatoid arthritis: Evidence for genetic heterogeneity. Arthritis and Rheumatism, 2002, 46, 2039-2044.	6.7	62

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37	6p24â€“22 Region and Major Psychoses in the Eastern Quebec Population. , 1997, 74, 311-318.		59
38	Genetic comorbidities in Parkinson's disease. Human Molecular Genetics, 2014, 23, 831-841.	1.4	57
39	Linkage results on 11Q21-22 in Eastern Quebec pedigrees densely affected by schizophrenia. American Journal of Medical Genetics Part A, 1995, 60, 522-528.	2.4	56
40	Genetic study of dopamine D1, D2, and D4 receptors in schizophrenia. Psychiatry Research, 1994, 51, 215-230.	1.7	53
41	LRRK2emph Exon 41 Mutations in Sporadic Parkinson Disease in Europeans. Archives of Neurology, 2007, 64, 425.	4.9	51
42	Analysis of Genome-Wide Association Studies of Alzheimer Disease and of Parkinson Disease to Determine If These 2 Diseases Share a Common Genetic Risk. JAMA Neurology, 2013, 70, 1268-76.	4.5	51
43	Linkage Analysis of Fifty-Seven Microsatellite Loci to Bipolar Disorder. Neuropsychopharmacology, 1993, 9, 31-40.	2.8	49
44	Further evidence for anticipation in schizophrenia. Psychiatry Research, 1995, 59, 25-33.	1.7	48
45	Parkinson's disease-related LRRK2 G2019S mutation results from independent mutational events in humans. Human Molecular Genetics, 2010, 19, 1998-2004.	1.4	48
46	A large pedigree with early-onset Alzheimer's disease. Neurology, 1995, 45, 80-85.	1.5	46
47	Linkage disequilibrium on theCOMT gene in French schizophrenics and controls. American Journal of Medical Genetics Part A, 1999, 88, 452-457.	2.4	46
48	Neuregulin 1 (NRG1) and schizophrenia: analysis of a US family sample and the evidence in the balance. Psychological Medicine, 2005, 35, 1599-1610.	2.7	46
49	Linkage detection by the Affected-Pedigree-Member method: What is really tested?. Genetic Epidemiology, 1993, 10, 389-394.	0.6	44
50	Genome-Wide Linkage Screen of Bone Mineral Density (BMD) in European Pedigrees Ascertained through a Male Relative with Low BMD Values: Evidence for Quantitative Trait Loci on 17q21â€“23, 11q12â€“13, 13q12â€“14, and 22q11. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 3755-3762.	1.8	44
51	Finding genetically-supported drug targets for Parkinsonâ€™s disease using Mendelian randomization of the druggable genome. Nature Communications, 2021, 12, 7342.	5.8	44
52	The Val158Met COMT polymorphism is a modifier of the age at onset in Parkinson's disease with a sexual dimorphism. Journal of Neurology, Neurosurgery and Psychiatry, 2013, 84, 666-673.	0.9	43
53	Use of support vector machines for disease risk prediction in genome-wide association studies: Concerns and opportunities. Human Mutation, 2012, 33, 1708-1718.	1.1	42
54	Performance of linkage analysis under misclassification error when the genetic model is unknown. Genetic Epidemiology, 1989, 6, 253-258.	0.6	40

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55	Genome-wide scan linkage analysis for Parkinson's disease: the European genetic study of Parkinson's disease. Journal of Medical Genetics, 2004, 41, 900-907.	1.5	38
56	A non-DM1, non-DM2 multisystem myotonic disorder with frontotemporal dementia: phenotype and suggestive mapping of the DM3 locus to chromosome 15q21-24. Brain, 2004, 127, 1979-1992.	3.7	38
57	Homozygosity at the dopamine D3 receptor locus is not associated with schizophrenia.. Journal of Medical Genetics, 1994, 31, 260-260.	1.5	35
58	DTNBP1 (Dystrobrevin Binding Protein 1) and Schizophrenia: Association Evidence in the 3â€² End of the Gene. Human Heredity, 2007, 64, 97-106.	0.4	35
59	De novo presenilin 1 mutations are rare in clinically sporadic, early onset Alzheimer's disease cases. French Alzheimer's Disease Study Group.. Journal of Medical Genetics, 1998, 35, 672-673.	1.5	32
60	Power of the linkage test for a heterogeneous disorder due to two independent inherited causes: A simulation study. Genetic Epidemiology, 1990, 7, 219-230.	0.6	31
61	Evidence of a Cohort Effect for Age at Onset of Schizophrenia. American Journal of Psychiatry, 2001, 158, 489-492.	4.0	29
62	Investigation of Autosomal Genetic Sex Differences in Parkinson's Disease. Annals of Neurology, 2021, 90, 35-42.	2.8	29
63	Evidence for apolipoprotein E Îµ4 association in early-onset Alzheimer's patients with late-onset relatives. American Journal of Medical Genetics Part A, 1995, 60, 550-553.	2.4	28
64	No evidence for linkage or association between the dopamine transporter gene and schizophrenia in a French population. Psychiatry Research, 1995, 59, 1-6.	1.7	27
65	Apolipoprotein E4 is probably responsible for the chromosome 19 linkage peak for Parkinson's disease. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2005, 136B, 72-74.	1.1	27
66	Two domains within the first putative transmembrane domain of presenilin 1 differentially influence presenilinase and Î³-secretase activity. Journal of Neurochemistry, 2005, 94, 1315-1328.	2.1	25
67	Follow-up study on a susceptibility locus for schizophrenia on chromosome 6q. American Journal of Medical Genetics Part A, 1999, 88, 337-43.	2.4	25
68	Patterns of parental transmission and familial aggregation models in bipolar affective disorder. , 1998, 81, 397-404.		21
69	Cooperative Genome-Wide Analysis Shows Increased Homozygosity in Early Onset Parkinson's Disease. PLoS ONE, 2012, 7, e28787.	1.1	21
70	Analysis of ten candidate genes in autism by association and linkage. American Journal of Medical Genetics Part A, 2002, 114, 125-128.	2.4	20
71	No founder effect in three novel Alzheimer's disease families with APP 717 Val->Ile mutation. Clerget-darpoux. French Alzheimer's Disease Study Group.. Journal of Medical Genetics, 1996, 33, 661-664.	1.5	19
72	Affected sib-pair tests for linkage: Type I errors with dependent sib-pairs. Genetic Epidemiology, 1997, 14, 1107-1111.	0.6	19

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73	Clinical and immunogenetic characteristics of European multicase rheumatoid arthritis families. Annals of the Rheumatic Diseases, 2001, 60, 573-576.	0.5	18
74	Bivariate association analysis in selected samples: application to a GWAS of two bone mineral density phenotypes in males with high or low BMD. European Journal of Human Genetics, 2011, 19, 710-716.	1.4	17
75	Childhood/early adolescence-onsetand adult-onset schizophrenia. British Journal of Psychiatry, 1997, 170, 27-30.	1.7	16
76	Segregation analysis of the Jacobsen data. Genetic Epidemiology, 1986, 3, 49-54.	0.6	15
77	Genetic analysis of human breast cancer: Implications for family study designs. Genetic Epidemiology, 1988, 5, 225-233.	0.6	14
78	Pseudoautosomal region in schizophrenia: Linkage analysis of seven loci by sib-pair and lod-score methods. Psychiatry Research, 1994, 52, 135-147.	1.7	13
79	Anticipation in schizophrenia: No evidence of expanded CAG/CTG repeat sequences in French families and sporadic cases. , 1998, 81, 342-346.		11
80	Complex Segregation Analysis Accounting for GxE of Bone Mineral Density in European Pedigrees Selected Through a Male Proband with Low BMD. Annals of Human Genetics, 2007, 71, 29-42.	0.3	11
81	Detection of linkage for heterogeneous disorders by using multipoint linkage analysis. American Journal of Human Genetics, 1991, 49, 1300-5.	2.6	11
82	Segregation analysis of Alzheimer pedigrees: Rare mendelian dominant mutation(s) explain a minority of early-onset cases. American Journal of Medical Genetics Part A, 1996, 67, 9-12.	2.4	10
83	The transmission probability model is useful to prevent false inference. American Journal of Human Genetics, 1993, 52, 441-2.	2.6	8
84	Characteristics of familial aggregation in early-onset Alzheimer's disease: Evidence of subgroups. American Journal of Medical Genetics Part A, 1995, 60, 221-227.	2.4	7
85	How can maximum likelihood methods reveal candidate gene effects on a quantitative trait?. Genetic Epidemiology, 1995, 12, 789-794.	0.6	7
86	Allelic association at the D14S43 locus in early onset Alzheimer's disease. American Journal of Medical Genetics Part A, 1995, 60, 91-93.	2.4	4
87	Chromosome 5 and Parkinson disease. European Journal of Human Genetics, 2006, 14, 1106-1110.	1.4	4
88	MÃ©thodes statistiques pour identifier les gÃ¨nes dans les maladies multifactorielles. Annales De L'Institut Pasteur / ActualitÃ©s, 1996, 7, 3-12.	0.1	3
89	Comparison of Likelihood Approaches for Combined Segregation and Linkage Analysis of a Complex Disease and a Candidate Gene Marker Under Different Ascertainment Schemes. Genetic Epidemiology, 2001, 21, S760-5.	0.6	3
90	A comparative study of three methods for detecting association of quantitative traits in samples of related subjects. BMC Proceedings, 2009, 3, S122.	1.8	3

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91	Impact of gene expression data pre-processing on expression quantitative trait locus mapping. BMC Proceedings, 2007, 1, S153.	1.8	2
92	Summary of contributions to GAW15 Group 16: Processing/normalization of expression traits. Genetic Epidemiology, 2007, 31, S132-S138.	0.6	2
93	Major psychoses and a potential vulnerability locus on 6p24-p22 in the Eastern QuÃ©bec population. Schizophrenia Research, 1997, 24, 52.	1.1	1