Andrea Carmine Belin

List of Publications by Year
in descending order

79 papers	4,457 citations	126907 33 h-index	118850 62 g-index
83 all docs	83 docs citations	83 times ranked	9067 citing authors

#	Article	IF	Citations
1	Analysis of shared heritability in common disorders of the brain. Science, 2018, 360, .	12.6	1,085
2	Meta-analysis of 375,000 individuals identifies 38 susceptibility loci for migraine. Nature Genetics, 2016, 48, 856-866.	21.4	520
3	Genetic identification of cell types underlying brain complex traits yields insights into the etiology of Parkinsonâ€™s disease. Nature Genetics, 2020, 52, 482-493.	21.4	216
4	LRRK2 expression linked to dopamine-innervated areas. Annals of Neurology, 2006, 59, 714-719.	5.3	166
5	ALDH1 mRNA: presence in human dopamine neurons and decreases in substantia nigra in Parkinson's disease and in the ventral tegmental area in schizophrenia. Neurobiology of Disease, 2003, 14, 637-647.	4.4	148
6	Genome-wide analysis of 102,084 migraine cases identifies 123 risk loci and subtype-specific risk alleles. Nature Genetics, 2022, 54, 152-160.	21.4	135
7	Parkinsonâ€™s disease: A genetic perspective. FEBS Journal, 2008, 275, 1377-1383.	4.7	97
8	Developmental regulation of leucine-rich repeat kinase 1 and 2 expression in the brain and other rodent and human organs: Implications for Parkinsonâ€™s disease. Neuroscience, 2008, 152, 429-436.	2.3	96
9	Lack of replication of thirteen single-nucleotide polymorphisms implicated in Parkinson's disease: a large-scale international study. Lancet Neurology, The, 2006, 5, 917-923.	10.2	83
10	Distribution of class I, III and IV alcohol dehydrogenase mRNAs in the adult rat, mouse and human brain. FEBS Journal, 2003, 270, 1316-1326.	0.2	78
11	Interaction of polymorphisms in the genes encoding interleukin-6 and estrogen receptor beta on the susceptibility to Parkinson's disease. , 2005, 133B, 88-92.		68
12	PITX3 polymorphism is associated with early onset Parkinson's disease. Neurobiology of Aging, 2010, 31, 114-117.	3.1	65
13	Common Variant Burden Contributes to the Familial Aggregation of Migraine in 1,589 Families. Neuron, 2018, 98, 743-753.e4.	8.1	63
14	A Rare Truncating Mutation in ADH1C (G78Stop) Shows Significant Association With Parkinson Disease in a Large International Sample. Archives of Neurology, 2005, 62, 74.	4.5	57
15	Molecular genetic overlap between migraine and major depressive disorder. European Journal of Human Genetics, 2018, 26, 1202-1216.	2.8	56
16	Cluster headache â€“ clinical pattern and a new severity scale in a Swedish cohort. Cephalalgia, 2018, 38, 1286-1295.	3.9	52
17	Strong association between glucocerebrosidase mutations and Parkinson's disease in Sweden. Neurobiology of Aging, 2016, 45, 212.e5-212.e11.	3.1	50
18	Further evidence for an association of the Paraoxonase 1 (PON1) Met-54 allele with Parkinson's disease. Movement Disorders, 2002, 17, 764-766.	3.9	49

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19	Association between the estrogen receptor beta gene and age of onset of Parkinsonâ€™s disease. Psychoneuroendocrinology, 2004, 29, 993-998.	2.7	49
20	A genome-wide cross-phenotype meta-analysis of the association of blood pressure with migraine. Nature Communications, 2020, 11, 3368.	12.8	49
21	Leucine-rich repeat kinase 2 (LRRK2) mutations in a Swedish Parkinson cohort and a healthy nonagenarian. Movement Disorders, 2006, 21, 1731-1734.	3.9	47
22	Investigation of genes coding for inflammatory components in Parkinson's disease. Movement Disorders, 2005, 20, 569-573.	3.9	46
23	S18Y in ubiquitin carboxy-terminal hydrolase L1 (UCH-L1) associated with decreased risk of Parkinson's disease in Sweden. Parkinsonism and Related Disorders, 2007, 13, 295-298.	2.2	46
24	Lack of association between the BDNF Val66Met polymorphism and Parkinson's disease in a Swedish population. Annals of Neurology, 2003, 53, 823-823.	5.3	44
25	Shared genetic risk between migraine and coronary artery disease: A genome-wide analysis of common variants. PLoS ONE, 2017, 12, e0185663.	2.5	44
26	A genetic CLOCK variant associated with cluster headache causing increased mRNA levels. Cephalalgia, 2018, 38, 496-502.	3.9	43
27	Association study of two genetic variants in mitochondrial transcription factor A (TFAM) in Alzheimer's and Parkinson's disease. Neuroscience Letters, 2007, 420, 257-262.	2.1	41
28	Expression of multi-drug resistance 1 mRNA in human and rodent tissues: reduced levels in Parkinson patients. Cell and Tissue Research, 2008, 334, 179-185.	2.9	41
29	Cerebellar Î±synuclein levels are decreased in Parkinson's disease and do not correlate with SNCA polymorphisms associated with disease in a Swedish material. FASEB Journal, 2008, 22, 3509-3514.	0.5	41
30	MAGI1 Copy Number Variation in Bipolar Affective Disorder and Schizophrenia. Biological Psychiatry, 2012, 71, 922-930.	1.3	41
31	Do polymorphisms in transcription factors LMX1A and LMX1B influence the risk for Parkinsonâ€™s disease?. Journal of Neural Transmission, 2009, 116, 333-338.	2.8	39
32	Tissue- and species-specific expression patterns of class I, III, and IV Adh and Aldh1 mRNAs in rodent embryos. Cell and Tissue Research, 2005, 322, 227-236.	2.9	38
33	Association of a polymorphism in the ABCB1 gene with Parkinson's disease. Parkinsonism and Related Disorders, 2009, 15, 422-424.	2.2	38
34	Calcitonin Gene-Related Peptide (CGRP) and Cluster Headache. Brain Sciences, 2020, 10, 30.	2.3	35
35	Cross-trait analyses with migraine reveal widespread pleiotropy and suggest a vascular component to migraine headache. International Journal of Epidemiology, 2020, 49, 1022-1031.	1.9	34
36	Variations of the CAG trinucleotide repeat in DNA polymerase gamma (POLG1) is associated with Parkinson's disease in Sweden. Neuroscience Letters, 2010, 485, 117-120.	2.1	32

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37	Genomeâ€Wide Association Study Identifies Risk Loci for Cluster Headache. Annals of Neurology, 2021, 90, 193-202.	5.3	31
38	High and complementary expression patterns of alcohol and aldehyde dehydrogenases in the gastrointestinal tract. FEBS Journal, 2007, 274, 1212-1223.	4.7	30
39	A replication study of GWAS findings in migraine identifies association in a Swedish caseâ€“control sample. BMC Medical Genetics, 2014, 15, 38.	2.1	30
40	The choroid plexus harbors a circadian oscillator modulated by estrogens. Chronobiology International, 2018, 35, 270-279.	2.0	28
41	Association of a protective paraoxonase 1 (PON1) polymorphism in Parkinson's disease. Neuroscience Letters, 2012, 522, 30-35.	2.1	27
42	Cytochrome P450 2E1 gene polymorphisms/haplotypes and Parkinsonâ€™s disease in a Swedish population. Journal of Neural Transmission, 2009, 116, 567-573.	2.8	26
43	Using global team science to identify genetic parkinson's disease worldwide. Annals of Neurology, 2019, 86, 153-157.	5.3	26
44	Decreased ethanol preference and wheel running in Nurr1-deficient mice. European Journal of Neuroscience, 2003, 17, 2418-2424.	2.6	25
45	Altered enzymatic activity and allele frequency of OMI/HTRA2 in Alzheimer's disease. FASEB Journal, 2011, 25, 1345-1352.	0.5	25
46	DJ-1 and UCH-L1 gene activity patterns in the brains of controls, Parkinson and schizophrenia patients and in rodents. Physiology and Behavior, 2007, 92, 46-53.	2.1	21
47	Mendelian Randomisation Study of Smoking, Alcohol, and Coffee Drinking in Relation to Parkinsonâ€™s Disease. Journal of Parkinson's Disease, 2022, 12, 267-282.	2.8	21
48	Screening of genetic variants in ADCYAP1R1, MME and 14q21 in a Swedish cluster headache cohort. Journal of Headache and Pain, 2017, 18, 88.	6.0	20
49	Analysis of HCRTR2 Gene Variants and Cluster Headache in Sweden. Headache, 2019, 59, 410-417.	3.9	20
50	Screening of Two ADH4 Variations in a Swedish Cluster Headache Caseâ€“Control Material. Headache, 2016, 56, 835-840.	3.9	19
51	Habitual sleep disturbances and migraine: a Mendelian randomization study. Annals of Clinical and Translational Neurology, 2020, 7, 2370-2380.	3.7	18
52	S100B polymorphisms are associated with age of onset of Parkinsonâ€™s disease. BMC Medical Genetics, 2018, 19, 42.	2.1	17
53	Two NOTCH4 polymorphisms and their relation to schizophrenia susceptibility and different personality traits. Psychiatric Genetics, 2003, 13, 23-28.	1.1	16
54	Dairy Intake and Parkinson's Disease: A Mendelian Randomization Study. Movement Disorders, 2022, 37, 857-864.	3.9	15

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55	Possible Involvement of a Mitochondrial Translation Initiation Factor 3 Variant Causing Decreased mRNA Levels in Parkinson's Disease. Parkinson's Disease, 2010, 2010, 1-5.	1.1	14
56	Ryanodineâ€sensitive intracellular Ca²⁺ channels are involved in the output from the SCN circadian clock. European Journal of Neuroscience, 2016, 44, 2504-2514.	2.6	14
57	Adh1 and Adh1/4 knockout mice as possible rodent models for presymptomatic Parkinson's disease. Behavioural Brain Research, 2012, 227, 252-257.	2.2	13
58	Modeling Parkinson's disease genetics: Altered function of the dopamine system in Adh4 knockout mice. Behavioural Brain Research, 2011, 217, 439-445.	2.2	12
59	Genetic Variations and mRNA Expression of NRF2 in Parkinsonâ€™s Disease. Parkinson's Disease, 2017, 2017, 1-7.	1.1	12
60	Low prevalence of known pathogenic mutations in dominant PD genes: A Swedish multicenter study. Parkinsonism and Related Disorders, 2019, 66, 158-165.	2.2	12
61	Cyclooxygenase-2 polymorphisms in Parkinson's disease. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2007, 144B, 367-369.	1.7	10
62	Genetic Screening of the Mitochondrial Rho GTPases MIRO1 and MIRO2 in Parkinson's Disease. The Open Neurology Journal, 2012, 6, 1-5.	0.4	10
63	Genetic studies of the protein kinase AKT1 in Parkinson's disease. Neuroscience Letters, 2011, 501, 41-44.	2.1	9
64	The HLA-DRA variation rs3129882 is not associated with Parkinson's disease inÂSweden. Parkinsonism and Related Disorders, 2013, 19, 701-702.	2.2	8
65	Anoctamin 3: A Possible Link between Cluster Headache and Ca2+ Signaling. Brain Sciences, 2019, 9, 184.	2.3	8
66	The molecular clock gene cryptochrome 1 (CRY1) and its role in cluster headache. Cephalalgia, 2021, 41, 1374-1381.	3.9	8
67	Investigation of genes related to familial forms of Parkinson's disease â€“ With focus on the Parkin gene. Parkinsonism and Related Disorders, 2008, 14, 520-522.	2.2	7
68	Elucidating the relationship between migraine risk and brain structure using genetic data. Brain, 2022, 145, 3214-3224.	7.6	7
69	Implications for the migraine SNP rs1835740 in a Swedish cluster headache population. Journal of Headache and Pain, 2018, 19, 100.	6.0	6
70	Analysis of NOS Gene Polymorphisms in Relation to Cluster Headache and Predisposing Factors in Sweden. Brain Sciences, 2021, 11, 34.	2.3	5
71	DJ-1 Mutations are Rare in a Swedish Parkinson Cohort. The Open Neurology Journal, 2011, 5, 8-11.	0.4	3
72	Involvement of CGRP receptor RAMP1 in cluster headache: A Swedish case-control study. Cephalalgia Reports, 2019, 2, 251581631987988.	0.7	2

#	Article	IF	Citations
73	Experimental Tools to Study the Regulation and Function of the Choroid Plexus. Neuromethods, 2019, , 205-230.	0.3	2
74	No Association Between rs7077361 in ITGA8 and Parkinsonâ€™s Disease in Sweden. The Open Neurology Journal, 2016, 10, 25-29.	0.4	2
75	ReMo-SNPs: a new software tool for identification of polymorphisms in regions and motifs genome-wide. Genetical Research, 2015, 97, e8.	0.9	1
76	Genetic Screening of Plasticity Regulating Nogo-Type Signaling Genes in Migraine. Brain Sciences, 2020, 10, 5.	2.3	1
77	PER Gene Family Polymorphisms in Relation to Cluster Headache and Circadian Rhythm in Sweden. Brain Sciences, 2021, 11, 1108.	2.3	1
78	S18Y, UCH-L1 and Parkinsonâ€™s Disease. European Neurological Review, 2008, 3, 41.	0.5	1
79	Board Walk â€“ January 2022. Cephalalgia, 2022, 42, 87-87.	3.9	0