Roser Corominas

List of Publications by Year
in descending order

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28 papers	3,135 citations	331670 21 h-index	501196 28 g-index
31 all docs	31 docs citations	31 times ranked	7425 citing authors

#	Article	IF	Citations
1	A Proteome-Scale Map of the Human Interactome Network. Cell, 2014, 159, 1212-1226.	28.9	1,199
2	Whole-Genome Sequencing in Autism Identifies Hot Spots for De Novo Germline Mutation. Cell, 2012, 151, 1431-1442.	28.9	501
3	Duplications of the neuropeptide receptor gene VIPR2 confer significant risk for schizophrenia. Nature, 2011, 471, 499-503.	27.8	296
4	Paternally inherited cis-regulatory structural variants are associated with autism. Science, 2018, 360, 327-331.	12.6	174
5	Spatiotemporal 16p11.2 Protein Network Implicates Cortical Late Mid-Fetal Brain Development and KCTD13-Cul3-RhoA Pathway in Psychiatric Diseases. Neuron, 2015, 85, 742-754.	8.1	139
6	Protein interaction network of alternatively spliced isoforms from brain links genetic risk factors for autism. Nature Communications, 2014, 5, 3650.	12.8	131
7	bigSCale: an analytical framework for big-scale single-cell data. Genome Research, 2018, 28, 878-890.	5.5	76
8	SNP variants within the vanilloid TRPV1 and TRPV3 receptor genes are associated with migraine in the Spanish population. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2012, 159B, 94-103.	1.7	71
9	Copy number variation at the 7q11.23 segmental duplications is a susceptibility factor for the Williams-Beuren syndrome deletion. Genome Research, 2008, 18, 683-694.	5.5	64
10	Genetic Analysis of 27 Spanish Patients with Hemiplegic Migraine, Basilar-Type Migraine and Childhood Periodic Syndromes. Cephalalgia, 2008, 28, 1039-1047.	3.9	57
11	De novo Mutations From Whole Exome Sequencing in Neurodevelopmental and Psychiatric Disorders: From Discovery to Application. Frontiers in Genetics, 2019, 10, 258.	2.3	49
12	Late-onset episodic ataxia type 2 associated with a novel loss-of-function mutation in the CACNA1A gene. Journal of the Neurological Sciences, 2009, 280, 10-14.	0.6	36
13	Mutation Spectrum in the CACNA1A Gene in 49 Patients with Episodic Ataxia. Scientific Reports, 2017, 7, 2514.	3.3	36
14	Screening of <scp>CACNA1A</scp> and <scp>ATP1A2</scp> genes in hemiplegic migraine: clinical, genetic, and functional studies. Molecular Genetics & Genomic Medicine, 2013, 1, 206-222.	1.2	35
15	Molecular genetics of cocaine use disorders in humans. Molecular Psychiatry, 2022, 27, 624-639.	7.9	32
16	Molybdenum Cofactor Deficiency Presenting as Neonatal Hyperekplexia: A Clinical, Biochemical and Genetic Study. Neuropediatrics, 2005, 36, 389-394.	0.6	30
17	Two-stage case-control association study of dopamine-related genes and migraine. BMC Medical Genetics, 2009, 10, 95.	2.1	28
18	Evaluation of common variants in 16 genes involved in the regulation of neurotransmitter release in ADHD. European Neuropsychopharmacology, 2013, 23, 426-435.	0.7	28

#	Article	IF	Citations
19	Association study of the serotoninergic system in migraine in the spanish population. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2010, 153B, 177-184.	1.7	24
20	Lack of association of hormone receptor polymorphisms with migraine. European Journal of Neurology, 2009, 16, 413-415.	3.3	24
21	A mutation in the first intracellular loop of CACNA1A prevents P/Q channel modulation by SNARE proteins and lowers exocytosis. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 1672-1677.	7.1	23
22	Full-length isoform transcriptome of the developing human brain provides further insights into autism. Cell Reports, 2021, 36, 109631.	6.4	23
23	Candidate pathway association study in cocaine dependence: The control of neurotransmitter release. World Journal of Biological Psychiatry, 2012, 13, 126-134.	2.6	15
24	Familial hemiplegic migraine: linkage to chromosome 14q32 in a Spanish kindred. Neurogenetics, 2009, 10, 191-198.	1.4	14
25	Contribution of syntaxin 1A to the genetic susceptibility to migraine: A caseâ€“control association study in the Spanish population. Neuroscience Letters, 2009, 455, 105-109.	2.1	11
26	Comprehensive Analyses of Tissue-Specific Networks with Implications to Psychiatric Diseases. Methods in Molecular Biology, 2017, 1613, 371-402.	0.9	5
27	Generation of induced pluripotent stem cells (iPSCs) by retroviral transduction of skin fibroblasts from four patients suffering Williams-Beuren syndrome (7q11.23 deletion). Stem Cell Research, 2020, 49, 102087.	0.7	1
28	Derivation of induced pluripotent stem cells (iPSCs) by retroviral transduction of skin fibroblasts from four patients suffering 7q11.23 microduplication syndrome. Stem Cell Research, 2020, 49, 102092.	0.7	0