

# Javier Costas

## List of Publications by Year in descending order

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77  
papers

6,053  
citations

172457

29  
h-index

76900

74  
g-index

78  
all docs

78  
docs citations

78  
times ranked

8936  
citing authors

#	ARTICLE	IF	CITATIONS
1	Common variants conferring risk of schizophrenia. <i>Nature</i> , 2009, 460, 744-747.	27.8	1,572
2	Genome Sequence of <i>Aedes aegypti</i> , a Major Arbovirus Vector. <i>Science</i> , 2007, 316, 1718-1723.	12.6	1,025
3	Mapping genomic loci implicates genes and synaptic biology in schizophrenia. <i>Nature</i> , 2022, 604, 502-508.	27.8	929
4	Sequencing of <i>Culex quinquefasciatus</i> Establishes a Platform for Mosquito Comparative Genomics. <i>Science</i> , 2010, 330, 86-88.	12.6	424
5	Common variants at <i>VRK2</i> and <i>TCF4</i> conferring risk of schizophrenia. <i>Human Molecular Genetics</i> , 2011, 20, 4076-4081.	2.9	193
6	Identification of new putative susceptibility genes for several psychiatric disorders by association analysis of regulatory and non-synonymous SNPs of 306 genes involved in neurotransmission and neurodevelopment. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2009, 150B, 808-816.	1.7	98
7	Mood changes after delivery: role of the serotonin transporter gene. <i>British Journal of Psychiatry</i> , 2008, 193, 383-388.	2.8	95
8	Common variant at 16p11.2 conferring risk of psychosis. <i>Molecular Psychiatry</i> , 2014, 19, 108-114.	7.9	85
9	Association of schizophrenia with <i>DTNBP1</i> but not with <i>DAO</i> , <i>DAOA</i> , <i>NRG1</i> and <i>RGS4</i> nor their genetic interaction. <i>Journal of Psychiatric Research</i> , 2008, 42, 278-288.	3.1	80
10	Association Study of Nonsynonymous Single Nucleotide Polymorphisms in Schizophrenia. <i>Biological Psychiatry</i> , 2012, 71, 169-177.	1.3	78
11	Characterization of the Intragenomic Spread of the Human Endogenous Retrovirus Family HERV-W. <i>Molecular Biology and Evolution</i> , 2002, 19, 526-533.	8.9	73
12	Association study of 44 candidate genes with depressive and anxiety symptoms in post-partum women. <i>Journal of Psychiatric Research</i> , 2010, 44, 717-724.	3.1	69
13	Heterozygosity at catechol-O-methyltransferase Val158Met and schizophrenia: New data and meta-analysis. <i>Journal of Psychiatric Research</i> , 2011, 45, 7-14.	3.1	61
14	Interaction between <i>COMT</i> haplotypes and cannabis in schizophrenia: A case-only study in two samples from Spain. <i>Schizophrenia Research</i> , 2011, 127, 22-27.	2.0	57
15	Turnover of binding sites for transcription factors involved in early <i>Drosophila</i> development. <i>Gene</i> , 2003, 310, 215-220.	2.2	55
16	High variability in <i>CYP21A2</i> mutated alleles in Spanish 21-hydroxylase deficiency patients, six novel mutations and a founder effect. <i>Clinical Endocrinology</i> , 2006, 64, 330-336.	2.4	53
17	The highly pleiotropic gene <i>SLC39A8</i> as an opportunity to gain insight into the molecular pathogenesis of schizophrenia. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2018, 177, 274-283.	1.7	52
18	The discoidin domain receptor 1 as a novel susceptibility gene for schizophrenia. <i>Molecular Psychiatry</i> , 2007, 12, 833-841.	7.9	50

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19	Evolutionary History of the Human Endogenous Retrovirus Family ERV9. <i>Molecular Biology and Evolution</i> , 2000, 17, 320-330.	8.9	44
20	Evolutionary Dynamics of the Human Endogenous Retrovirus Family HERV-K Inferred from Full-Length Proviral Genomes. <i>Journal of Molecular Evolution</i> , 2001, 53, 237-243.	1.8	43
21	Human genome-wide screen of haplotype-like blocks of reduced diversity. <i>Gene</i> , 2005, 349, 219-225.	2.2	43
22	BDNF genetic variants and methylation: effects on cognition in major depressive disorder. <i>Translational Psychiatry</i> , 2019, 9, 265.	4.8	42
23	Generalized lattice graphs for 2D-visualization of biological information. <i>Journal of Theoretical Biology</i> , 2009, 261, 136-147.	1.7	41
24	Exon-focused genome-wide association study of obsessive-compulsive disorder and shared polygenic risk with schizophrenia. <i>Translational Psychiatry</i> , 2016, 6, e768-e768.	4.8	41
25	Genetic variation in the nuclear factor $\kappa$ B pathway in relation to susceptibility to rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , 2009, 68, 579-583.	0.9	40
26	Research Letter: Is neuroticism a risk factor for postpartum depression?. <i>Psychological Medicine</i> , 2012, 42, 1559-1565.	4.5	37
27	Extensive linkage disequilibrium mapping at HTR2A and DRD3 for schizophrenia susceptibility genes in the Galician population. <i>Schizophrenia Research</i> , 2007, 90, 123-129.	2.0	36
28	Replication of previous genome-wide association studies of psychiatric diseases in a large schizophrenia case-control sample from Spain. <i>Schizophrenia Research</i> , 2014, 159, 107-113.	2.0	36
29	Coping Strategies and Postpartum Depressive Symptoms: a Structural Equation Modelling Approach. <i>European Psychiatry</i> , 2015, 30, 701-708.	0.2	31
30	Recent adaptive selection at MAOB and ancestral susceptibility to schizophrenia. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2009, 150B, 369-374.	1.7	30
31	Molecular Characterization of the Recent Intragenomic Spread of the Murine Endogenous Retrovirus MuERV-L. <i>Journal of Molecular Evolution</i> , 2003, 56, 181-186.	1.8	27
32	Structural and Evolutionary Analyses of the Ty3/gypsy Group of LTR Retrotransposons in the Genome of <i>Anopheles gambiae</i> . <i>Molecular Biology and Evolution</i> , 2005, 22, 29-39.	8.9	26
33	Coping strategies for postpartum depression: a multi-centric study of 1626 women. <i>Archives of Women's Mental Health</i> , 2016, 19, 455-461.	2.6	26
34	Relationships between substance abuse/dependence and psychiatric disorders based on polygenic scores. <i>Genes, Brain and Behavior</i> , 2019, 18, e12504.	2.2	26
35	No evidence that major mtDNA European haplogroups confer risk to schizophrenia. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2012, 159B, 414-421.	1.7	25
36	Analyses of variants located in estrogen metabolism genes (ESR1, ESR2, COMT and APOE) and schizophrenia. <i>Schizophrenia Research</i> , 2008, 100, 308-315.	2.0	23

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37	Rapid evolving RNA gene HAR1A and schizophrenia. <i>Schizophrenia Research</i> , 2008, 99, 370-372.	2.0	22
38	Role of DISC1 Interacting Proteins in Schizophrenia Risk from Genome-Wide Analysis of Missense SNPs. <i>Annals of Human Genetics</i> , 2013, 77, 504-512.	0.8	22
39	The Discoidin domain receptor 1 gene has a functional A2RE sequence. <i>Journal of Neurochemistry</i> , 2012, 120, 408-418.	3.9	20
40	FKBP5 polymorphisms and hypothalamic-pituitary-adrenal axis negative feedback in major depression and obsessive-compulsive disorder. <i>Journal of Psychiatric Research</i> , 2018, 104, 227-234.	3.1	19
41	Do polygenic risk and stressful life events predict pharmacological treatment response in obsessive compulsive disorder? A gene-environment interaction approach. <i>Translational Psychiatry</i> , 2019, 9, 70.	4.8	19
42	Resequencing and association analysis of coding regions at twenty candidate genes suggest a role for rare risk variation at AKAP9 and protective variation at NRXN1 in schizophrenia susceptibility. <i>Journal of Psychiatric Research</i> , 2015, 66-67, 38-44.	3.1	18
43	Discoidin domain receptor 1 gene variants are associated with decreased white matter fractional anisotropy and decreased processing speed in schizophrenia. <i>Journal of Psychiatric Research</i> , 2019, 110, 74-82.	3.1	18
44	The role of SHANK2 rare variants in schizophrenia susceptibility. <i>Molecular Psychiatry</i> , 2015, 20, 1486-1486.	7.9	16
45	Evidence of association of the DISC1 interactome gene set with schizophrenia from GWAS. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 95, 109729.	4.8	16
46	A common haplotype of DRD3 affected by recent positive selection is associated with protection from schizophrenia. <i>Human Genetics</i> , 2009, 124, 607-613.	3.8	15
47	Evolutionary Dynamics of the Ty3/Gypsy LTR Retrotransposons in the Genome of <i>Anopheles gambiae</i> . <i>PLoS ONE</i> , 2011, 6, e16328.	2.5	15
48	Nucleotide variation in central nervous system genes among male suicide attempters. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2010, 153B, 208-213.	1.7	13
49	Enrichment of rare genetic variants in astrocyte gene enriched co-expression modules altered in postmortem brain samples of schizophrenia. <i>Neurobiology of Disease</i> , 2019, 121, 305-314.	4.4	12
50	Identification of relevant hub genes for early intervention at gene coexpression modules with altered predicted expression in schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020, 98, 109815.	4.8	12
51	Amplification and Phylogenetic Relationships of a Subfamily of blood, a Retrotransposable Element of <i>Drosophila</i> . <i>Journal of Molecular Evolution</i> , 2001, 52, 342-350.	1.8	11
52	Relative efficiency of the linkage disequilibrium mapping approach in detecting candidate genes for schizophrenia in different European populations. <i>Genomics</i> , 2005, 86, 280-286.	2.9	9
53	Testing the antagonistic pleiotropy model of schizophrenia susceptibility by analysis of DAOA, PPP1R1B, and APOL1 genes. <i>Psychiatry Research</i> , 2010, 179, 126-129.	3.3	9
54	Genetic epistasis in female suicide attempters. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2012, 38, 294-301.	4.8	9

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55	Clock gene polygenic risk score and seasonality in major depressive disorder and bipolar disorder. <i>Genes, Brain and Behavior</i> , 2020, 19, e12683.	2.2	9
56	Structural Features of the mdg1 Lineage of the Ty3/gypsy Group of LTR Retrotransposons Inferred from the Phylogenetic Analyses of Its Open Reading Frames. <i>Journal of Molecular Evolution</i> , 2001, 53, 165-171.	1.8	8
57	Mitochondrial DNA (mtDNA) variants in the European haplogroups HV, JT, and U do not have a major role in schizophrenia. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2014, 165, 607-617.	1.7	8
58	Genome wide analysis of rare copy number variations in alcohol abuse or dependence. <i>Journal of Psychiatric Research</i> , 2018, 103, 212-218.	3.1	8
59	The role of personality dimensions, depressive symptoms and other psychosocial variables in predicting postpartum suicidal ideation: a cohort study. <i>Archives of Women's Mental Health</i> , 2020, 23, 585-593.	2.6	8
60	Dynamics and function of intron sequences of the wingless gene during the evolution of the <i>Drosophila</i> genus. <i>Evolution &amp; Development</i> , 2004, 6, 325-335.	2.0	7
61	An efficient screening method for simultaneous detection of recurrent copy number variants associated with psychiatric disorders. <i>Clinica Chimica Acta</i> , 2015, 445, 34-40.	1.1	7
62	Interaction between the functional SNP rs2070951 in NR3C2 gene and high levels of plasma corticotropin-releasing hormone associates to postpartum depression. <i>Archives of Women's Mental Health</i> , 2020, 23, 413-420.	2.6	7
63	Targeted resequencing of regulatory regions at schizophrenia risk loci: Role of rare functional variants at chromatin repressive states. <i>Schizophrenia Research</i> , 2016, 174, 10-16.	2.0	6
64	Identification of putative second genetic hits in schizophrenia carriers of high-risk copy number variants and resequencing in additional samples. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2018, 268, 585-592.	3.2	6
65	A polygenic approach to the association between smoking and schizophrenia. <i>Addiction Biology</i> , 2022, 27, e13104.	2.6	6
66	Cumulative role of rare and common putative functional genetic variants at <i>NPAS3</i> in schizophrenia susceptibility. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2015, 168, 528-535.	1.7	5
67	Genomic characterization of a repetitive motif strongly associated with developmental genes in <i>Drosophila</i> . <i>BMC Genomics</i> , 2003, 4, 52.	2.8	4
68	Potential involvement of serotonin receptor genes with age of onset and gender in schizophrenia: A preliminary study in a Spanish sample. <i>Psychiatry Research</i> , 2011, 186, 153-154.	3.3	4
69	Comment on "Current understanding of ZIP and ZnT zinc transporters in human health and diseases". <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 197-198.	5.4	4
70	Colocalization of association signals at nicotinic acetylcholine receptor genes between schizophrenia and smoking traits. <i>Drug and Alcohol Dependence</i> , 2021, 220, 108517.	3.2	4
71	Genetic predisposition to alcohol dependence: The combined role of polygenic risk to general psychopathology and to high alcohol consumption. <i>Drug and Alcohol Dependence</i> , 2021, 221, 108556.	3.2	3
72	Length variability and interspersed patterns of the HRAS1 minisatellite: a new approach for the reconstruction of human population relationships. <i>Annals of Human Genetics</i> , 2001, 65, 351-361.	0.8	2

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73	GDF: Dealing with High-throughput Genotyping Multiplatform Data for Medical and Population Genetic Applications. <i>Journal of Proteomics and Bioinformatics</i> , 2012, 05, .	0.4	2
74	Association between psychiatric hospitalizations of patients with schizophrenia and polygenic risk scores based on genes with altered expression by antipsychotics. <i>Acta Psychiatrica Scandinavica</i> , 2022, 146, 139-150.	4.5	2
75	Absence of low frequency variants associated with schizophrenia at the ultraconserved non-coding region of TCF4. <i>Psychiatry Research</i> , 2014, 215, 255-257.	3.3	1
76	Grandmaternal Diethylstilbesterol and Attention-Deficit/Hyperactivity Disorder in Children. <i>JAMA Pediatrics</i> , 2018, 172, 1203.	6.2	1
77	Identification of genes carrying rare variants of moderate to large effect in schizophrenia: A replication study. <i>Schizophrenia Research</i> , 2018, 197, 577-578.	2.0	0