

# Carlos Prieto

## List of Publications by Year in descending order

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Version: 2024-02-01

44  
papers

2,156  
citations

304743

22  
h-index

233421

45  
g-index

47  
all docs

47  
docs citations

47  
times ranked

4323  
citing authors

#	ARTICLE	IF	CITATIONS
1	The minimum information required for reporting a molecular interaction experiment (MIMiX). <i>Nature Biotechnology</i> , 2007, 25, 894-898.	17.5	274
2	PSIQUIC and PSIScore: accessing and scoring molecular interactions. <i>Nature Methods</i> , 2011, 8, 528-529.	19.0	274
3	Human Gene Coexpression Landscape: Confident Network Derived from Tissue Transcriptomic Profiles. <i>PLoS ONE</i> , 2008, 3, e3911.	2.5	213
4	APID: Agile Protein Interaction DataAnalyzer. <i>Nucleic Acids Research</i> , 2006, 34, W298-W302.	14.5	209
5	APID interactomes: providing proteome-based interactomes with controlled quality for multiple species and derived networks. <i>Nucleic Acids Research</i> , 2016, 44, W529-W535.	14.5	112
6	NRPSp: non-ribosomal peptide synthase substrate predictor. <i>Bioinformatics</i> , 2012, 28, 426-427.	4.1	95
7	Crosstalk of global nutritional regulators in the control of primary and secondary metabolism in <i>Streptomyces</i> . <i>Microbial Biotechnology</i> , 2011, 4, 165-174.	4.2	80
8	APID2NET: unified interactome graphic analyzer. <i>Bioinformatics</i> , 2007, 23, 2495-2497.	4.1	72
9	RaNA-Seq: interactive RNA-Seq analysis from FASTQ files to functional analysis. <i>Bioinformatics</i> , 2020, 36, 1955-1956.	4.1	64
10	Defects in memory B-cell and plasma cell subsets expressing different immunoglobulin-subclasses in patients with CVID and immunoglobulin subclass deficiencies. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 144, 809-824.	2.9	55
11	Association of Copy Number Variation of the 15q11.2 BP1-BP2 Region With Cortical and Subcortical Morphology and Cognition. <i>JAMA Psychiatry</i> , 2020, 77, 420.	11.0	54
12	Dose response of the 16p11.2 distal copy number variant on intracranial volume and basal ganglia. <i>Molecular Psychiatry</i> , 2020, 25, 584-602.	7.9	49
13	Draft Genome of <i>Streptomyces tsukubaensis</i> NRRL 18488, the Producer of the Clinically Important Immunosuppressant Tacrolimus (FK506). <i>Journal of Bacteriology</i> , 2012, 194, 3756-3757.	2.2	46
14	Frequency and prognostic impact of KIT and other genetic variants in indolent systemic mastocytosis. <i>Blood</i> , 2019, 134, 456-468.	1.4	44
15	Gimatecan and other camptothecin derivatives poison <i>Leishmania</i> DNA-topoisomerase IB leading to a strong leishmanicidal effect. <i>Biochemical Pharmacology</i> , 2013, 85, 1433-1440.	4.4	43
16	Schizophrenia Gene Expression Profile Reverted to Normal Levels by Antipsychotics. <i>International Journal of Neuropsychopharmacology</i> , 2015, 18, .	2.1	37
17	Defining the Species <i>Micromonospora saelicesensis</i> and <i>Micromonospora noduli</i> Under the Framework of Genomics. <i>Frontiers in Microbiology</i> , 2018, 9, 1360.	3.5	32
18	Identification of candidate genes for Parkinson's disease through blood transcriptome analysis in LRRK2-G2019S carriers, idiopathic cases, and controls. <i>Neurobiology of Aging</i> , 2015, 36, 1105-1109.	3.1	31

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19	Comparative blood transcriptome analysis in idiopathic and LRRK2 G2019S-associated Parkinson's disease. <i>Neurobiology of Aging</i> , 2016, 38, 214.e1-214.e5.	3.1	31
20	Effects of copy number variations on brain structure and risk for psychiatric illness: Large-scale studies from the ENIGMA working groups on CNVs. <i>Human Brain Mapping</i> , 2022, 43, 300-328.	3.6	30
21	Aripiprazole as a Candidate Treatment of COVID-19 Identified Through Genomic Analysis. <i>Frontiers in Pharmacology</i> , 2021, 12, 646701.	3.5	24
22	1q21.1 distal copy number variants are associated with cerebral and cognitive alterations in humans. <i>Translational Psychiatry</i> , 2021, 11, 182.	4.8	24
23	Algorithm to find gene expression profiles of deregulation and identify families of disease-altered genes. <i>Bioinformatics</i> , 2006, 22, 1103-1110.	4.1	22
24	The regulatory factor PcRFX1 controls the expression of the three genes of Î²-lactam biosynthesis in <i>Penicillium chrysogenum</i> . <i>Fungal Genetics and Biology</i> , 2012, 49, 866-881.	2.1	22
25	Structural domain-domain interactions: Assessment and comparison with protein-protein interaction data to improve the interactome. <i>Proteins: Structure, Function and Bioinformatics</i> , 2010, 78, 109-117.	2.6	21
26	Functional Integrative Levels in the Human Interactome Recapitulate Organ Organization. <i>PLoS ONE</i> , 2011, 6, e22051.	2.5	20
27	Blood Gene Expression Profile Predicts Response to Antipsychotics. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 73.	2.9	18
28	The biological age linked to oxidative stress modifies breast cancer aggressiveness. <i>Free Radical Biology and Medicine</i> , 2018, 120, 133-146.	2.9	17
29	Altered gene expression in antipsychotic-induced weight gain. <i>NPJ Schizophrenia</i> , 2019, 5, 7.	3.6	16
30	A pentapeptide signature motif plays a pivotal role in Leishmania DNA topoisomerase IB activity and camptothecin sensitivity. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2012, 1820, 2062-2071.	2.4	14
31	SingleCAnalyzer: Interactive Analysis of Single Cell RNA-Seq Data on the Cloud. <i>Frontiers in Bioinformatics</i> , 2022, 2, .	2.1	14
32	Protein Interactions: Mapping Interactome Networks to Support Drug Target Discovery and Selection. <i>Methods in Molecular Biology</i> , 2012, 910, 279-296.	0.9	13
33	A CLUSTER MERGING METHOD FOR TIME SERIES MICROARRAY WITH PRODUCTION VALUES. <i>International Journal of Neural Systems</i> , 2014, 24, 1450018.	5.2	13
34	Sex differences in gene expression related to antipsychotic induced weight gain. <i>PLoS ONE</i> , 2019, 14, e0215477.	2.5	13
35	PcFKH1, a novel regulatory factor from the forkhead family, controls the biosynthesis of penicillin in <i>Penicillium chrysogenum</i> . <i>Biochimie</i> , 2015, 115, 162-176.	2.6	12
36	D3GB: An Interactive Genome Browser for R, Python, and WordPress. <i>Journal of Computational Biology</i> , 2017, 24, 447-449.	1.6	12

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37	Characterization of Nonribosomal Peptide Synthetases with NRPSsp. <i>Methods in Molecular Biology</i> , 2016, 1401, 273-278.	0.9	7
38	RJSplot: Interactive Graphs with R. <i>Molecular Informatics</i> , 2018, 37, 1700090.	2.5	6
39	Gene clustering for time-series microarray with production outputs. <i>Soft Computing</i> , 2016, 20, 4301-4312.	3.6	5
40	Whole-Exome Sequencing Reveals Recurrent but Heterogeneous Mutational Profiles in Sporadic WHO Grade 1 Meningiomas. <i>Frontiers in Oncology</i> , 2021, 11, 740782.	2.8	5
41	Time dependent expression of the blood biomarkers EIF2D and TOX in patients with schizophrenia. <i>Brain, Behavior, and Immunity</i> , 2019, 80, 909-915.	4.1	3
42	Supplementary data for the biological age linked to oxidative stress modifies breast cancer aggressiveness. <i>Data in Brief</i> , 2018, 18, 1172-1184.	1.0	2
43	Gene Clustering in Time Series Microarray Analysis. <i>Advances in Intelligent Systems and Computing</i> , 2014, , 289-298.	0.6	1
44	Merge Method for Shape-Based Clustering in Time Series Microarray Analysis. <i>Lecture Notes in Computer Science</i> , 2012, , 834-841.	1.3	0