

Luis Sanchez-Pulido

List of Publications by Year in descending order

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61
papers

5,178
citations

126858

33
h-index

133188

59
g-index

61
all docs

61
docs citations

61
times ranked

9340
citing authors

#	ARTICLE	IF	CITATIONS
1	The genomic substrate for adaptive radiation in African cichlid fish. <i>Nature</i> , 2014, 513, 375-381.	13.7	874
2	Coordination of Structure-Specific Nucleases by Human SLX4/BTBD12 Is Required for DNA Repair. <i>Molecular Cell</i> , 2009, 35, 116-127.	4.5	300
3	The Protein Composition of Mitotic Chromosomes Determined Using Multiclassifier Combinatorial Proteomics. <i>Cell</i> , 2010, 142, 810-821.	13.5	266
4	MARVEL: a conserved domain involved in membrane apposition events. <i>Trends in Biochemical Sciences</i> , 2002, 27, 599-601.	3.7	199
5	POTRA: a conserved domain in the FtsQ family and a class of β -barrel outer membrane proteins. <i>Trends in Biochemical Sciences</i> , 2003, 28, 523-526.	3.7	195
6	Stc1: A Critical Link between RNAi and Chromatin Modification Required for Heterochromatin Integrity. <i>Cell</i> , 2010, 140, 666-677.	13.5	195
7	BRICHOS: a conserved domain in proteins associated with dementia, respiratory distress and cancer. <i>Trends in Biochemical Sciences</i> , 2002, 27, 329-332.	3.7	192
8	RBFOX and PTBP1 proteins regulate the alternative splicing of micro-exons in human brain transcripts. <i>Genome Research</i> , 2015, 25, 1-13.	2.4	187
9	Repo-Man Coordinates Chromosomal Reorganization with Nuclear Envelope Reassembly during Mitotic Exit. <i>Developmental Cell</i> , 2011, 21, 328-342.	3.1	172
10	High incidence of unrecognized visceral/neurological late-onset Niemann-Pick disease, type C1, predicted by analysis of massively parallel sequencing data sets. <i>Genetics in Medicine</i> , 2016, 18, 41-48.	1.1	171
11	Ki-67 is a PP1-interacting protein that organises the mitotic chromosome periphery. <i>ELife</i> , 2014, 3, e01641.	2.8	167
12	Loss of fish actinotrichia proteins and the fin-to-limb transition. <i>Nature</i> , 2010, 466, 234-237.	13.7	144
13	Common Ancestry of the CENP-A Chaperones Scm3 and HJURP. <i>Cell</i> , 2009, 137, 1173-1174.	13.5	136
14	Regulation of DNA Replication through Sld3-Dpb11 Interaction Is Conserved from Yeast to Humans. <i>Current Biology</i> , 2011, 21, 1152-1157.	1.8	135
15	Microtubule-Associated AIR9 Recognizes the Cortical Division Site at Preprophase and Cell-Plate Insertion. <i>Current Biology</i> , 2006, 16, 1938-1943.	1.8	118
16	The microcephaly protein Asp regulates neuroepithelium morphogenesis by controlling the spatial distribution of myosin II. <i>Nature Cell Biology</i> , 2013, 15, 1294-1306.	4.6	114
17	Specific DNA recognition by the <i>Aspergillus nidulans</i> three zinc finger transcription factor PacC. <i>Journal of Molecular Biology</i> , 1997, 274, 466-480.	2.0	107
18	The Shwachman-Bodian-Diamond Syndrome Protein Family Is Involved in RNA Metabolism. <i>Journal of Biological Chemistry</i> , 2005, 280, 19213-19220.	1.6	100

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19	Identification of the MMS22L-TONSL Complex that Promotes Homologous Recombination. <i>Molecular Cell</i> , 2010, 40, 632-644.	4.5	100
20	Mutations in CDC45 , Encoding an Essential Component of the Pre-initiation Complex, Cause Meier-Gorlin Syndrome and Craniosynostosis. <i>American Journal of Human Genetics</i> , 2016, 99, 125-138.	2.6	92
21	Monoallelic and Biallelic Mutations in MAB21L2 Cause a Spectrum of Major Eye Malformations. <i>American Journal of Human Genetics</i> , 2014, 94, 915-923.	2.6	79
22	Homozygous mutations in a predicted endonuclease are a novel cause of congenital dyserythropoietic anemia type I. <i>Haematologica</i> , 2013, 98, 1383-1387.	1.7	71
23	Homology explains the functional similarities of Treslin/Ticrr and Sld3. <i>Current Biology</i> , 2010, 20, R509-R510.	1.8	69
24	A Code for RanGDP Binding in Ankyrin Repeats Defines a Nuclear Import Pathway. <i>Cell</i> , 2014, 157, 1130-1145.	13.5	67
25	MISP is a novel Plk1 substrate required for proper spindle orientation and mitotic progression. <i>Journal of Cell Biology</i> , 2013, 200, 773-787.	2.3	65
26	Mitochondrial vesicles: an ancient process providing new links to peroxisomes. <i>Current Opinion in Cell Biology</i> , 2009, 21, 560-567.	2.6	64
27	Detection of Alpha-Rod Protein Repeats Using a Neural Network and Application to Huntingtin. <i>PLoS Computational Biology</i> , 2009, 5, e1000304.	1.5	59
28	Gas1 Is Related to the Glial Cell-derived Neurotrophic Factor Family Receptors $\hat{\pm}$ and Regulates Ret Signaling. <i>Journal of Biological Chemistry</i> , 2006, 281, 14330-14339.	1.6	55
29	TM6SF2 and MAC30, new enzyme homologs in sterol metabolism and common metabolic disease. <i>Frontiers in Genetics</i> , 2014, 5, 439.	1.1	50
30	The Evolutionarily Conserved Tre2/Bub2/Cdc16 (TBC), Lysin Motif (LysM), Domain Catalytic (TLDC) Domain Is Neuroprotective against Oxidative Stress. <i>Journal of Biological Chemistry</i> , 2016, 291, 2751-2763.	1.6	48
31	Family with Sequence Similarity 60A (FAM60A) Protein Is a Cell Cycle-fluctuating Regulator of the SIN3-HDAC1 Histone Deacetylase Complex. <i>Journal of Biological Chemistry</i> , 2012, 287, 32346-32353.	1.6	45
32	A Single Residue Substitution Causes a Switch from the Dual DNA Binding Specificity of Plant Transcription Factor MYB.Ph3 to the Animal c-MYB Specificity. <i>Journal of Biological Chemistry</i> , 1997, 272, 2889-2895.	1.6	44
33	Nprl3 is required for normal development of the cardiovascular system. <i>Mammalian Genome</i> , 2012, 23, 404-415.	1.0	38
34	TMEM132: an ancient architecture of cohesin and immunoglobulin domains define a new family of neural adhesion molecules. <i>Bioinformatics</i> , 2018, 34, 721-724.	1.8	38
35	Drosophila SMN complex proteins Gemin2, Gemin3, and Gemin5 are components of U bodies. <i>Experimental Cell Research</i> , 2010, 316, 2354-2364.	1.2	36
36	Death inducer obliterator protein 1 in the context of DNA regulation. Sequence analyses of distant homologues point to a novel functional role. <i>FEBS Journal</i> , 2005, 272, 3505-3511.	2.2	34

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37	The phenotypic spectrum of Xiaâ€Gibbs syndrome. American Journal of Medical Genetics, Part A, 2018, 176, 1315-1326.	0.7	34
38	The Cdk8/19-cyclin C transcription regulator functions in genome replication through metazoan Sld7. PLoS Biology, 2019, 17, e2006767.	2.6	32
39	The β -tubulin monomer release factor (p14) has homology with a region of the Dnal protein. FEBS Letters, 1996, 397, 283-289.	1.3	28
40	Molecular and structural analysis of the panallergen profilin B cell epitopes defined by monoclonal antibodies. International Immunology, 2002, 14, 993-1001.	1.8	26
41	The variant E233G of theRAD51Dgene could be a low-penetrance allele in high-risk breast cancer families withoutBRCA1/2mutations. International Journal of Cancer, 2004, 110, 845-849.	2.3	26
42	Molecular analysis of HIV-1 gp120 antibody response using isotype IgM and IgG phage display libraries from a long-term non-progressor HIV-1-infected individual. European Journal of Immunology, 1999, 29, 2666-2675.	1.6	24
43	Shaping of Drosophila Alcohol Dehydrogenase Through Evolution: Relationship with Enzyme Functionality. Journal of Molecular Evolution, 1998, 47, 211-221.	0.8	23
44	Are promyelocytic leukaemia protein nuclear bodies a scaffold for caspase-2 programmed cell death?. Trends in Biochemical Sciences, 2007, 32, 400-406.	3.7	20
45	REC-1 and HIM-5 distribute meiotic crossovers and function redundantly in meiotic double-strand break formation in <i>Caenorhabditis elegans</i> . Genes and Development, 2015, 29, 1969-1979.	2.7	19
46	Missense Mutations in the Human Nanophthalmos Gene <i>TMEM98</i> Cause Retinal Defects in the Mouse. , 2019, 60, 2875.		16
47	Citrullination Was Introduced into Animals by Horizontal Gene Transfer from Cyanobacteria. Molecular Biology and Evolution, 2022, 39, .	3.5	16
48	The role of ADP-ribosylation in regulating DNA interstrand crosslink repair. Journal of Cell Science, 2016, 129, 3845-3858.	1.2	15
49	Structure and evolutionary history of DISC1. Human Molecular Genetics, 2011, 20, R175-R181.	1.4	13
50	Homologues of Arabidopsis Microtubule-Associated AIR9 in Trypanosomatid Parasites. Plant Signaling and Behavior, 2007, 2, 296-299.	1.2	9
51	APC/CCdh1 Enables Removal of Shugoshin-2 from the Arms of Bivalent Chromosomes by Moderating Cyclin-Dependent Kinase Activity. Current Biology, 2017, 27, 1462-1476.e5.	1.8	8
52	No mutations in theXRCC2gene inBRCA1/2-negative high-risk breast cancer families. International Journal of Cancer, 2003, 103, 136-137.	2.3	7
53	Extending the Horizon of Homology Detection with Coevolution-based Structure Prediction. Journal of Molecular Biology, 2021, 433, 167106.	2.0	7
54	Refining the domain architecture model of the replication origin firing factor Treslin/TICRR. Life Science Alliance, 2022, 5, e202101088.	1.3	7

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55	Improvement in affinity and HIV-1 neutralization by somatic mutation in the heavy chain first complementarity-determining region of antibodies triggered by HIV-1 infection. <i>European Journal of Immunology</i> , 2001, 31, 128-137.	1.6	5
56	Hexa-Longin domain scaffolds for inter-Rab signalling. <i>Bioinformatics</i> , 2020, 36, 990-993.	1.8	5
57	The RFTS Domain of Raf2 Is Required for Cul4 Interaction and Heterochromatin Integrity in Fission Yeast. <i>PLoS ONE</i> , 2014, 9, e104161.	1.1	5
58	The Role of MTBP as a Replication Origin Firing Factor. <i>Biology</i> , 2022, 11, 827.	1.3	3
59	Fam151b, the mouse homologue of <i>C.elegans</i> <i>menorin</i> gene, is essential for retinal function. <i>Scientific Reports</i> , 2020, 10, 437.	1.6	2
60	<i>PERCC1</i> , a new member of the <i>Yap/TAZ</i> / <i>FAM181</i> transcriptional co-regulator family. <i>Bioinformatics Advances</i> , 2022, 2, .	0.9	2
61	Influenza virus epidemiological surveillance in Argentina, 1987-1993, with molecular characterization of 1990 and 1993 isolates. <i>Revista Panamericana De Salud Publica/Pan American Journal of Public Health</i> , 1998, 4, 405-10.	0.6	0