

# Andres Joaquin Lopez-Contreras

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

2,653  
citations

218677

26  
h-index

197818

49  
g-index

55  
all docs

55  
docs citations

55  
times ranked

4883  
citing authors

#	ARTICLE	IF	CITATIONS
1	ATRX-Deficient High-Grade Glioma Cells Exhibit Increased Sensitivity to RTK and PDGFR Inhibitors. <i>Cancers</i> , 2022, 14, 1790.	3.7	6
2	Genetic insights into biological mechanisms governing human ovarian ageing. <i>Nature</i> , 2021, 596, 393-397.	27.8	183
3	ATR expands embryonic stem cell fate potential in response to replication stress. <i>ELife</i> , 2020, 9, .	6.0	37
4	Supraphysiological protection from replication stress does not extend mammalian lifespan. <i>Aging</i> , 2020, 12, 5612-5624.	3.1	0
5	Proteomic characterization of chromosomal common fragile site (CFS)-associated proteins uncovers ATRX as a regulator of CFS stability. <i>Nucleic Acids Research</i> , 2019, 47, 8004-8018.	14.5	25
6	<scp>TIAR</scp> marks nuclear G2/M transition granules and restricts <scp>CDK</scp> 1 activity under replication stress. <i>EMBO Reports</i> , 2019, 20, .	4.5	18
7	The mouse Gm853 gene encodes a novel enzyme: Leucine decarboxylase. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 365-376.	2.4	8
8	New insights of polyamine metabolism in testicular physiology: A role of ornithine decarboxylase antizyme inhibitor 2 (AZIN2) in the modulation of testosterone levels and sperm motility. <i>PLoS ONE</i> , 2018, 13, e0209202.	2.5	11
9	Loss of PICH Results in Chromosomal Instability, p53 Activation, and Embryonic Lethality. <i>Cell Reports</i> , 2018, 24, 3274-3284.	6.4	34
10	Chromosome instability: From molecular mechanisms to disease. <i>DNA Repair</i> , 2018, 66-67, 72-75.	2.8	1
11	A simple DNA recombination screening method by RT-PCR as an alternative to Southern blot. <i>Transgenic Research</i> , 2017, 26, 429-434.	2.4	3
12	Proteomics Reveals Global Regulation of Protein SUMOylation by ATM and ATR Kinases during Replication Stress. <i>Cell Reports</i> , 2017, 21, 546-558.	6.4	24
13	DNA Damage Signaling Instructs Polyploid Macrophage Fate in Granulomas. <i>Cell</i> , 2016, 167, 1264-1280.e18.	28.9	94
14	USP7 is a SUMO deubiquitinase essential for DNA replication. <i>Nature Structural and Molecular Biology</i> , 2016, 23, 270-277.	8.2	117
15	Efficacy of ATR inhibitors as single agents in Ewing sarcoma. <i>Oncotarget</i> , 2016, 7, 58759-58767.	1.8	59
16	Influence of ornithine decarboxylase antizymes and antizyme inhibitors on agmatine uptake by mammalian cells. <i>Amino Acids</i> , 2015, 47, 1025-1034.	2.7	10
17	Increased <i>Rrm2</i> gene dosage reduces fragile site breakage and prolongs survival of ATR mutant mice. <i>Genes and Development</i> , 2015, 29, 690-695.	5.9	51
18	Replication stress caused by low MCM expression limits fetal erythropoiesis and hematopoietic stem cell functionality. <i>Nature Communications</i> , 2015, 6, 8548.	12.8	92

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19	A Single Conserved Residue Mediates Binding of the Ribonucleotide Reductase Catalytic Subunit RRM1 to RRM2 and Is Essential for Mouse Development. <i>Molecular and Cellular Biology</i> , 2015, 35, 2910-2917.	2.3	9
20	Limiting replication stress during somatic cell reprogramming reduces genomic instability in induced pluripotent stem cells. <i>Nature Communications</i> , 2015, 6, 8036.	12.8	84
21	Modeling the Study of DNA Damage Responses in Mice. <i>Methods in Molecular Biology</i> , 2015, 1267, 413-437.	0.9	12
22	Fos-dependent induction of Chk1 protects osteoblasts from replication stress. <i>Cell Cycle</i> , 2014, 13, 1980-1986.	2.6	13
23	A Synthetic Lethal Interaction between APC/C and Topoisomerase Poisons Uncovered by Proteomic Screens. <i>Cell Reports</i> , 2014, 6, 670-683.	6.4	48
24	Structural and degradative aspects of ornithine decarboxylase antizyme inhibitor 2. <i>FEBS Open Bio</i> , 2014, 4, 510-521.	2.3	12
25	Cyclin-Dependent Kinase Inhibitor p21 Controls Adult Neural Stem Cell Expansion by Regulating Sox2 Gene Expression. <i>Cell Stem Cell</i> , 2013, 12, 88-100.	11.1	164
26	Mutational analysis of the antizyme-binding element reveals critical residues for the function of ornithine decarboxylase. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013, 1830, 5157-5165.	2.4	6
27	A Proteomic Characterization of Factors Enriched at Nascent DNA Molecules. <i>Cell Reports</i> , 2013, 3, 1105-1116.	6.4	110
28	The induction of cardiac ornithine decarboxylase by $\beta$ -adrenergic agents is associated with calcium channels and phosphorylation of ERK1/2. <i>Journal of Cellular Biochemistry</i> , 2013, 114, 1978-1986.	2.6	6
29	INK4a/ARF limits the expansion of cells suffering from replication stress. <i>Cell Cycle</i> , 2013, 12, 1948-1954.	2.6	16
30	Antizyme Inhibitor 2 Hypomorphic Mice. New Patterns of Expression in Pancreas and Adrenal Glands Suggest a Role in Secretory Processes. <i>PLoS ONE</i> , 2013, 8, e69188.	2.5	17
31	BRCA1 Functions Independently of Homologous Recombination in DNA Interstrand Crosslink Repair. <i>Molecular Cell</i> , 2012, 46, 125-135.	9.7	228
32	An extra allele of Chk1 limits oncogene-induced replicative stress and promotes transformation. <i>Journal of Experimental Medicine</i> , 2012, 209, 455-461.	8.5	101
33	Differential expression of ornithine decarboxylase antizyme inhibitors and antizymes in rodent tissues and human cell lines. <i>Amino Acids</i> , 2012, 42, 539-547.	2.7	24
34	An extra allele of Chk1 limits oncogene-induced replicative stress and promotes transformation. <i>Journal of Cell Biology</i> , 2012, 196, i7-i7.	5.2	0
35	Exploiting oncogene-induced replicative stress for the selective killing of Myc-driven tumors. <i>Nature Structural and Molecular Biology</i> , 2011, 18, 1331-1335.	8.2	342
36	Antizyme inhibitor 2: molecular, cellular and physiological aspects. <i>Amino Acids</i> , 2010, 38, 603-611.	2.7	32

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37	The ATR barrier to replication-born DNA damage. <i>DNA Repair</i> , 2010, 9, 1249-1255.	2.8	123
38	Class switching and meiotic defects in mice lacking the E3 ubiquitin ligase RNF8. <i>Journal of Experimental Medicine</i> , 2010, 207, 973-981.	8.5	92
39	Histone H2A C-Terminus Regulates Chromatin Dynamics, Remodeling, and Histone H1 Binding. <i>PLoS Genetics</i> , 2010, 6, e1001234.	3.5	73
40	Class switching and meiotic defects in mice lacking the E3 ubiquitin ligase RNF8. <i>Journal of Cell Biology</i> , 2010, 189, i5-i5.	5.2	0
41	Functional diversity for REST (NRSF) is defined by in vivo binding affinity hierarchies at the DNA sequence level. <i>Genome Research</i> , 2009, 19, 994-1005.	5.5	73
42	Subcellular localization of antizyme inhibitor 2 in mammalian cells: Influence of intrinsic sequences and interaction with antizymes. <i>Journal of Cellular Biochemistry</i> , 2009, 107, 732-740.	2.6	21
43	Expression of antizyme inhibitor 2 in male haploid germinal cells suggests a role in spermiogenesis. <i>International Journal of Biochemistry and Cell Biology</i> , 2009, 41, 1070-1078.	2.8	22
44	Antizyme Inhibitor 2 (AZIN2/ODCp) Stimulates Polyamine Uptake in Mammalian Cells. <i>Journal of Biological Chemistry</i> , 2008, 283, 20761-20769.	3.4	34
45	Opposite sexual dimorphism of 3,4-dihydroxyphenylalanine decarboxylase in the kidney and small intestine of mice. <i>Journal of Endocrinology</i> , 2008, 196, 615-624.	2.6	15
46	Molecular and Morphological Changes in Placenta and Embryo Development Associated with the Inhibition of Polyamine Synthesis during Midpregnancy in Mice. <i>Endocrinology</i> , 2008, 149, 5012-5023.	2.8	28
47	Sexual dimorphism of ornithine decarboxylase in the mouse adrenal: influence of polyamine deprivation on catecholamine and corticoid levels. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007, 292, E1010-E1017.	3.5	34
48	Mouse Ornithine Decarboxylase-like Gene Encodes an Antizyme Inhibitor Devoid of Ornithine and Arginine Decarboxylating Activity. <i>Journal of Biological Chemistry</i> , 2006, 281, 30896-30906.	3.4	55
49	Protecting or promoting effects of spermine on DNA strand breakage induced by iron or copper ions as a function of metal concentration. <i>Journal of Inorganic Biochemistry</i> , 2005, 99, 2074-2080.	3.5	34
50	Influence of Ovarian Ornithine Decarboxylase in Folliculogenesis and Luteinization. <i>Endocrinology</i> , 2005, 146, 666-674.	2.8	36