

# Gerardo Lopez-Rodas

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1613462/publications.pdf>

Version: 2024-02-01

40  
papers

1,317  
citations

361413

20  
h-index

345221

36  
g-index

40  
all docs

40  
docs citations

40  
times ranked

2259  
citing authors

#	ARTICLE	IF	CITATIONS
1	Alternative Splicing, Epigenetic Modifications and Cancer: A Dangerous Triangle, or a Hopeful One?. <i>Cancers</i> , 2022, 14, 560.	3.7	13
2	Epigenetic Mechanisms Are Involved in the Oncogenic Properties of ZNF518B in Colorectal Cancer. <i>Cancers</i> , 2021, 13, 1433.	3.7	4
3	Potential Biomarkers Associated with Multiple Sclerosis Pathology. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10323.	4.1	14
4	Blockade of the trans-sulfuration pathway in acute pancreatitis due to nitration of cystathionine $\beta$ -synthase. <i>Redox Biology</i> , 2020, 28, 101324.	9.0	11
5	Pentoxifylline and Oxypurinol: Potential Drugs to Prevent the "Cytokine Release (Storm) Syndrome" Caused by SARS-CoV-2?. <i>Current Pharmaceutical Design</i> , 2020, 26, 4515-4521.	1.9	11
6	ZNF518B gene up-regulation promotes dissemination of tumour cells and is governed by epigenetic mechanisms in colorectal cancer. <i>Scientific Reports</i> , 2019, 9, 9339.	3.3	11
7	Early impairment of epigenetic pattern in neurodegeneration: Additional mechanisms behind pyrethroid toxicity. <i>Experimental Gerontology</i> , 2019, 124, 110629.	2.8	27
8	Role for Chromatin Remodeling Factor Chd1 in Learning and Memory. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 3.	2.9	13
9	Determination of histone epigenetic marks in Arabidopsis and tomato genes in the early response to Botrytis cinerea. <i>Plant Cell Reports</i> , 2018, 37, 153-166.	5.6	31
10	Disturbed Glucose Metabolism in Rat Neurons Exposed to Cerebrospinal Fluid Obtained from Multiple Sclerosis Subjects. <i>Brain Sciences</i> , 2018, 8, 1.	2.3	69
11	Role of epigenetic factors in the selection of the alternative splicing isoforms of human <i>KRAS</i> in colorectal cancer cell lines. <i>Oncotarget</i> , 2018, 9, 20578-20589.	1.8	20
12	Histone Post-Translational Modifications and Nucleosome Organisation in Transcriptional Regulation: Some Open Questions. <i>Advances in Experimental Medicine and Biology</i> , 2017, 966, 65-92.	1.6	33
13	Bioenergetic Failure in Rat Oligodendrocyte Progenitor Cells Treated with Cerebrospinal Fluid Derived from Multiple Sclerosis Patients. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 209.	3.7	10
14	In silico RNA-seq and experimental analyses reveal the differential expression and splicing of EPDR1 and ZNF518B genes in relation to KRAS mutations in colorectal cancer cells. <i>Oncology Reports</i> , 2016, 36, 3627-3634.	2.6	13
15	Epigenetic Regulation of Early- and Late-Response Genes in Acute Pancreatitis. <i>Journal of Immunology</i> , 2016, 197, 4137-4150.	0.8	28
16	Bypassing hazard of housekeeping genes: their evaluation in rat granule neurons treated with cerebrospinal fluid of multiple sclerosis subjects. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 375.	3.7	9
17	EGF-Induced Acetylation of Heterogeneous Nuclear Ribonucleoproteins Is Dependent on KRAS Mutational Status in Colorectal Cancer Cells. <i>PLoS ONE</i> , 2015, 10, e0130543.	2.5	9
18	Multiple sclerosis patient-derived CSF induces transcriptional changes in proliferating oligodendrocyte progenitors. <i>Multiple Sclerosis Journal</i> , 2015, 21, 1655-1669.	3.0	16

#	ARTICLE	IF	CITATIONS
19	Nucleosome-specific, Time-dependent Changes in Histone Modifications during Activation of the Early Growth Response 1 (Egr1) Gene. <i>Journal of Biological Chemistry</i> , 2015, 290, 197-208.	3.4	21
20	Growth Arrest Specific 1 (Gas1) Gene Overexpression in Liver Reduces the In Vivo Progression of Murine Hepatocellular Carcinoma and Partially Restores Gene Expression Levels. <i>PLoS ONE</i> , 2015, 10, e0132477.	2.5	16
21	Perturbed Glucose Metabolism: Insights into Multiple Sclerosis Pathogenesis. <i>Frontiers in Neurology</i> , 2014, 5, 250.	2.4	53
22	In vivo genome-wide binding of Id2 to E2F4 target genes as part of a reversible program in mice liver. <i>Cellular and Molecular Life Sciences</i> , 2014, 71, 3583-3597.	5.4	7
23	Redox signaling and histone acetylation in acute pancreatitis. <i>Free Radical Biology and Medicine</i> , 2012, 52, 819-837.	2.9	67
24	Coordinated Sumoylation and Ubiquitination Modulate EGF Induced EGR1 Expression and Stability. <i>PLoS ONE</i> , 2011, 6, e25676.	2.5	32
25	Changed Histone Acetylation Patterns in Normal-Appearing White Matter and Early Multiple Sclerosis Lesions. <i>Journal of Neuroscience</i> , 2011, 31, 3435-3445.	3.6	130
26	Epigenetic Transcriptional Regulation of the Growth Arrest-Specific gene 1 (Gas1) in Hepatic Cell Proliferation at Mononucleosomal Resolution. <i>PLoS ONE</i> , 2011, 6, e23318.	2.5	14
27	Factor binding and chromatin modification in the promoter of murine Egr1 gene upon induction. <i>Cellular and Molecular Life Sciences</i> , 2010, 67, 4065-4077.	5.4	32
28	Epigenetic Modifiers Are Necessary but Not Sufficient for Reprogramming Non-Myelinating Cells into Myelin Gene-Expressing Cells. <i>PLoS ONE</i> , 2010, 5, e13023.	2.5	27
29	Pentoxifylline Prevents Loss of PP2A Phosphatase Activity and Recruitment of Histone Acetyltransferases to Proinflammatory Genes in Acute Pancreatitis. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009, 331, 609-617.	2.5	27
30	Cross-Talk between Oxidative Stress and Pro-Inflammatory Cytokines in Acute Pancreatitis: A Key Role for Protein Phosphatases. <i>Current Pharmaceutical Design</i> , 2009, 15, 3027-3042.	1.9	85
31	Transcription of the MAT2A gene, coding for methionine adenosyltransferase, is up-regulated by E2F and Sp1 at a chromatin level during proliferation of liver cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2007, 39, 842-850.	2.8	23
32	Id2 leaves the chromatin of the E2F4/p130-controlled c-myc promoter during hepatocyte priming for liver regeneration. <i>Biochemical Journal</i> , 2006, 398, 431-437.	3.7	37
33	Interaction Between Cytokines and Oxidative Stress in Acute Pancreatitis. <i>Current Medicinal Chemistry</i> , 2006, 13, 2775-2787.	2.4	123
34	A Short-range Gradient of Histone H3 Acetylation and Tup1p Redistribution at the Promoter of the <i>Saccharomyces cerevisiae</i> SUC2 Gene. <i>Journal of Biological Chemistry</i> , 2004, 279, 7678-7684.	3.4	18
35	RNAPol-ChIP: a novel application of chromatin immunoprecipitation to the analysis of real-time gene transcription. <i>Nucleic Acids Research</i> , 2004, 32, e88-e88.	14.5	122
36	Distinct Site Specificity of Two Pea Histone Deacetylase Complexes. <i>Biochemistry</i> , 2001, 40, 10671-10676.	2.5	10

#	ARTICLE	IF	CITATIONS
37	DNA methylation and histone acetylation of rat methionine adenosyltransferase 1A and 2A genes is tissue-specific. International Journal of Biochemistry and Cell Biology, 2000, 32, 397-404.	2.8	20
38	Histone deacetylase. FEBS Letters, 1993, 317, 175-180.	2.8	63
39	Enzymes involved in the dynamic equilibrium of core histone acetylation of Physarum polycephalum. FEBS Letters, 1992, 296, 82-86.	2.8	33
40	A plant histone acetyltransferase specific for H3 in nucleosomes. Plant Science, 1986, 46, 189-194.	3.6	15