# Gerardo Lopez-Rodas

List of Publications by Year
in descending order



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|---|---|---|---|
| 40 papers | 1,317 citations | 361413 20 h-index | 345221 36 g-index |

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|---|---|---|---|
| 40 all docs | 40 docs citations | 40 times ranked | 2259 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Changed Histone Acetylation Patterns in Normal-Appearing White Matter and Early Multiple Sclerosis Lesions. Journal of Neuroscience, 2011, 31, 3435-3445. | 3.6 | 130 |
| 2 | Interaction Between Cytokines and Oxidative Stress in Acute Pancreatitis. Current Medicinal Chemistry, 2006, 13, 2775-2787. | 2.4 | 123 |
| 3 | RNAPol-ChIP: a novel application of chromatin immunoprecipitation to the analysis of real-time gene transcription. Nucleic Acids Research, 2004, 32, e88-e88. | 14.5 | 122 |
| 4 | Cross-Talk between Oxidative Stress and Pro-Inflammatory Cytokines in Acute Pancreatitis: A Key Role for Protein Phosphatases. Current Pharmaceutical Design, 2009, 15, 3027-3042. | 1.9 | 85 |
| 5 | Disturbed Glucose Metabolism in Rat Neurons Exposed to Cerebrospinal Fluid Obtained from Multiple Sclerosis Subjects. Brain Sciences, 2018, 8, 1. | 2.3 | 69 |
| 6 | Redox signaling and histone acetylation in acute pancreatitis. Free Radical Biology and Medicine, 2012, 52, 819-837. | 2.9 | 67 |
| 7 | Histone deacetylase. FEBS Letters, 1993, 317, 175-180. | 2.8 | 63 |
| 8 | Perturbed Glucose Metabolism: Insights into Multiple Sclerosis Pathogenesis. Frontiers in Neurology, 2014, 5, 250. | 2.4 | 53 |
| 9 | Id2 leaves the chromatin of the E2F4â€“p130-controlled c-myc promoter during hepatocyte priming for liver regeneration. Biochemical Journal, 2006, 398, 431-437. | 3.7 | 37 |
| 10 | Enzymes involved in the dynamic equilibrium of core histone acetylation ofPhysarum polycephalum. FEBS Letters, 1992, 296, 82-86. | 2.8 | 33 |
| 11 | Histone Post-Translational Modifications and Nucleosome Organisation in Transcriptional Regulation: Some Open Questions. Advances in Experimental Medicine and Biology, 2017, 966, 65-92. | 1.6 | 33 |
| 12 | Factor binding and chromatin modification in the promoter of murine Egr1 gene upon induction. Cellular and Molecular Life Sciences, 2010, 67, 4065-4077. | 5.4 | 32 |
| 13 | Coordinated Sumoylation and Ubiquitination Modulate EGF Induced EGR1 Expression and Stability. PLoS ONE, 2011, 6, e25676. | 2.5 | 32 |
| 14 | Determination of histone epigenetic marks in Arabidopsis and tomato genes in the early response to Botrytis cinerea. Plant Cell Reports, 2018, 37, 153-166. | 5.6 | 31 |
| 15 | Epigenetic Regulation of Early- and Late-Response Genes in Acute Pancreatitis. Journal of Immunology, 2016, 197, 4137-4150. | 0.8 | 28 |
| 16 | Pentoxifylline Prevents Loss of PP2A Phosphatase Activity and Recruitment of Histone Acetyltransferases to Proinflammatory Genes in Acute Pancreatitis. Journal of Pharmacology and Experimental Therapeutics, 2009, 331, 609-617. | 2.5 | 27 |
| 17 | Early impairment of epigenetic pattern in neurodegeneration: Additional mechanisms behind pyrethroid toxicity. Experimental Gerontology, 2019, 124, 110629. | 2.8 | 27 |
| 18 | Epigenetic Modifiers Are Necessary but Not Sufficient for Reprogramming Non-Myelinating Cells into Myelin Gene-Expressing Cells. PLoS ONE, 2010, 5, e13023. | 2.5 | 27 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | 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. International Journal of Biochemistry and Cell Biology, 2007, 39, 842-850. | 2.8 | 23 |
| 20 | Nucleosome-specific, Time-dependent Changes in Histone Modifications during Activation of the Early Growth Response 1 (Egr1) Gene. Journal of Biological Chemistry, 2015, 290, 197-208. | 3.4 | 21 |
| 21 | 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 |
| 22 | Role of epigenetic factors in the selection of the alternative splicing isoforms of human KRAS in colorectal cancer cell lines. Oncotarget, 2018, 9, 20578-20589. | 1.8 | 20 |
| 23 | A Short-range Gradient of Histone H3 Acetylation and Tup1p Redistribution at the Promoter of the Saccharomyces cerevisiae SUC2 Gene. Journal of Biological Chemistry, 2004, 279, 7678-7684. | 3.4 | 18 |
| 24 | Multiple sclerosis patient-derived CSF induces transcriptional changes in proliferating oligodendrocyte progenitors. Multiple Sclerosis Journal, 2015, 21, 1655-1669. | 3.0 | 16 |
| 25 | Growth Arrest Specific 1 (Gas1) Gene Overexpression in Liver Reduces the In Vivo Progression of Murine Hepatocellular Carcinoma and Partially Restores Gene Expression Levels. PLoS ONE, 2015, 10, e0132477. | 2.5 | 16 |
| 26 | A plant histone acetyltransferase specific for H3 in nucleosomes. Plant Science, 1986, 46, 189-194. | 3.6 | 15 |
| 27 | Potential Biomarkers Associated with Multiple Sclerosis Pathology. International Journal of Molecular Sciences, 2021, 22, 10323. | 4.1 | 14 |
| 28 | Epigenetic Transcriptional Regulation of the Growth Arrest-Specific gene 1 (Gas1) in Hepatic Cell Proliferation at Mononucleosomal Resolution. PLoS ONE, 2011, 6, e23318. | 2.5 | 14 |
| 29 | 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. Oncology Reports, 2016, 36, 3627-3634. | 2.6 | 13 |
| 30 | Role for Chromatin Remodeling Factor Chd1 in Learning and Memory. Frontiers in Molecular Neuroscience, 2019, 12, 3. | 2.9 | 13 |
| 31 | Alternative Splicing, Epigenetic Modifications and Cancer: A Dangerous Triangle, or a Hopeful One?. Cancers, 2022, 14, 560. | 3.7 | 13 |
| 32 | ZNF518B gene up-regulation promotes dissemination of tumour cells and is governed by epigenetic mechanisms in colorectal cancer. Scientific Reports, 2019, 9, 9339. | 3.3 | 11 |
| 33 | Blockade of the trans-sulfuration pathway in acute pancreatitis due to nitration of cystathionine Î²-synthase. Redox Biology, 2020, 28, 101324. | 9.0 | 11 |
| 34 | Pentoxifylline and Oxypurinol: Potential Drugs to Prevent the â€œCytokine Release (Storm) Syndromeâ€• Caused by SARS-CoV-2?. Current Pharmaceutical Design, 2020, 26, 4515-4521. | 1.9 | 11 |
| 35 | Distinct Site Specificity of Two Pea Histone Deacetylase Complexesâ€. Biochemistry, 2001, 40, 10671-10676. | 2.5 | 10 |
| 36 | Bioenergetic Failure in Rat Oligodendrocyte Progenitor Cells Treated with Cerebrospinal Fluid Derived from Multiple Sclerosis Patients. Frontiers in Cellular Neuroscience, 2017, 11, 209. | 3.7 | 10 |

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|---|---|---|---|
| 37 | Bypassing hazard of housekeeping genes: their evaluation in rat granule neurons treated with cerebrospinal fluid of multiple sclerosis subjects. Frontiers in Cellular Neuroscience, 2015, 9, 375. | 3.7 | 9 |
| 38 | EGF-Induced Acetylation of Heterogeneous Nuclear Ribonucleoproteins Is Dependent on KRAS Mutational Status in Colorectal Cancer Cells. PLoS ONE, 2015, 10, e0130543. | 2.5 | 9 |
| 39 | In vivo genome-wide binding of Id2 to E2F4 target genes as part of a reversible program in mice liver. Cellular and Molecular Life Sciences, 2014, 71, 3583-3597. | 5.4 | 7 |
| 40 | Epigenetic Mechanisms Are Involved in the Oncogenic Properties of ZNF518B in Colorectal Cancer. Cancers, 2021, 13, 1433. | 3.7 | 4 |